NM1 - 23

# MONITORING REPORTS

YEAR(S):

2006 - 2000

J&L LANDFARM, INC.

P.O. Box 356
Hobbs, New Mexico 88241-0356
Phone (505) 392-9697
Fax (505) 392-8537

RECEIVED

DEC 12 2006

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

October 29, 2006

NM Energy, Minerals & Natural
Resources Dept. (OCD)
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Subj: 3rd Qtr Analytical Cell Testing**

Attn: Environmental/Geology Dept.

Attached are copies of the required quarterly analytical testing for all active cells within J&L Landfarm, Inc. facility. Lab testing reports include TPH/B-TEX.

**Active cells:**

**2,3,4,5,6,7,8,9,10,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31.**

Attached are the analytical tests results with denoted sample collection area for each cell.

If you need other information, please call me at (505) 392-9697.

Sincerely,

Judy L. Roberts

Judy L. Roberts

xc Hobbs OCD

ASSAIGAI ANALYTICAL LABORATORIES, INC.

4301 Masthead N.E.
ALBUQUERQUE, NEW MEXICO 87109
(505) 345-8964

3332 WEDGEWOOD
EL PASO, TEXAS 79925
(915) 593-6000

127 EASTGATE DRIVE, 212-C
LOS ALAMOS, NEW MEXICO 87544
(505) 662-2558

# Chain of Custody Record

Lab job No.: 0609751 Date: 9-26-06

Page 1 of 3

Client: JEL LANDFARM
Address: P.O. Box 356
City / State / Zip: Hobbs, N. Mex. 88240
Project Name / Number: 1/4 Test
Contract / Purchase Order / Quote:

Project Manager / Contact: LEE M. ROBERTS
Telephone No.: 505-631-5765
Fax No.: 505-392-8537
Samplers : (signature): Lee M. Roberts

| AALI Fraction Number | Field Sample Number / Location | Date | Time | Sample Type | Type / Size of Container | Preservation Temp. | Preservation Chemical | No. of Containers | TPH | BTEX | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0001A | GW # 2 | 9/26/06 | 0800 | | 4oz glass | | ice | 1 | X | X | | | | | | | | |
| 0002A | " " 3 | | 0810 | | | | | | X | X | | | | | | | | |
| 0003A | " 4 | | 0820 | | | | | | X | X | | | | | | | | |
| 0004A | " 5 | | 0825 | | | | | | X | X | | | | | | | | |
| 0005A | " 6 | | 0835 | | | | | | X | X | | | | | | | | |
| 0006A | " 7 | | 0850 | | | | | | X | X | | | | | | | | |
| 0007A | " 8 | | 0915 | | | | | | X | X | | | | | | | | |
| 0008A | " 9 | | 0930 | | | | | | X | X | | | | | | | | |
| 0009A | " 10 | | 0950 | | | | | | X | X | | | | | | | | |
| 0010A | " 12 | | 1015 | | | | | | X | X | | | | | | | | |
| 0011A | " 13 | | 1030 | | | | | | X | X | | | | | | | | |
| 0012A | " 14 | | 1040 | | | | | | | | | | | | | | | |

| Relinquished by: | Date | Received by: | Relinquished by: | Date | Received by: |
|---|---|---|---|---|---|
| Signature: Lee M. Roberts | 9/26/06 | Signature: [illegible] | Signature: | 9/28/06 | Signature: [illegible] |
| Printed: LEE M. ROBERTS | Time: A.M. | Printed: Squabe | Printed: | Time: 7:01.0 | Printed: STU. |
| Company: JEL LANDFARM | | Company: AAL | Company: | | Company: AAL |
| Reason: 1/4 Test | | Reason: | Reason: | | Reason: |

Method of Shipment: bus
Shipment No.:
Special Instructions:

Comments: Cooler temp 11

After analysis, samples are to be:
- ☐ Disposed of (additional fee)
- ☐ Stored (30 days max)
- ☐ Stored over 30 days (additional fee)
- ☐ Returned to customer

CARRIER

ASSAIGAI ANALYTICAL LABORATORIES, INC.

# Chain of Custody Record

Lab Job No.: 0609751 Date: 9-26-06

Page 2 of 3

4301 Masthead N.E.
ALBUQUERQUE, NEW MEXICO 87109
(505) 345-8964

3332 WEDGEWOOD
EL PASO, TEXAS 79925
(915) 593-6000

127 EASTGATE DRIVE, 212-C
LOS ALAMOS, NEW MEXICO 87544
(505) 662-2558

Client: TEL-LANDFARM
Address: P.O. BOX 356
City / State / Zip: Hobbs, N. Mex. 88240
Project Name / Number: 1/4 TEST
Contract / Purchase Order / Quote:

Project Manager / Contact:
Telephone No.: SAME
Fax No.:
Samplers : (signature): Lee M. Roberts

Analysis Required

| AALI Fraction Number | Field Sample Number / Location | Date | Time | Sample Type | Type / Size of Container | Preservation Temp. | Preservation Chemical | No. of Containers | TPH | BTEX | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0013A | Cell # 15 | 9/26/0 | 1050 | soil | 4 oz glass | | ice | 1 | | | |
| 0014A | " 16 | | 1100 | | | | | | | | |
| 0015A | " 17 | | 1110 | | | | | | | | |
| 0016A | " 18 | | 1120 | | | | | | | | |
| 0017A | " 19 | | 1125 | | | | | | | | |
| 0018A | " 20 | | 1130 | | | | | | | | |
| 0019A | " 21 | | 1135 | | | | | | | | |
| 0020A | " 22 | | 1140 | | | | | | | | |
| 0021A | " 23 | | 1145 | | | | | | | | |
| 0022A | " 24 | | 1150 | | | | | | | | |
| 0023A | " 25 | | 1155 | | | | | | | | |
| 0024A | " 26 | | 1200 | | | | | | | | |

| Relinquished by: | Date | Received by: | Relinquished by: | Date | Received by: |
|---|---|---|---|---|---|
| Signature: Lee M. Roberts | 9/26/06 | Signature: [illegible] | Signature: | 9/26/06 | Signature: [illegible] |
| Printed: LEE M. ROBERTS | Time: A.M. | Printed: S. Tak | Printed: | Time: 1010 | Printed: [illegible] |
| Company: TEL LANDFARM | | Company: AAL | Company: | | Company: AAL |
| Reason: 1/4 test | | Reason: | Reason: | | Reason: |

Method of Shipment: bus
Shipment No.:
Special Instructions:

Comments: 1 cooler temp 16.2

After analysis, samples are to be:
- ☐ Disposed of (additional fee)
- ☐ Stored (30 days max)
- ☐ Stored over 30 days (additional fee)
- ☐ Returned to customer

CARRIER

ASSAIGAI ANALYTICAL LABORATORIES, INC.

# Chain of Custody Record

Lab Job No.: 0109751 Date: 9-26-06

Page 3 of 3

4301 Masthead N.E.
ALBUQUERQUE, NEW MEXICO 87109
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EL PASO, TEXAS 79925
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127 EASTGATE DRIVE, 212-C
LOS ALAMOS, NEW MEXICO 87544
(505) 662-2558

Client: T&L LANDFARM
Address: P.O. Box 356
City / State / Zip: Hobbs, N. Mex. 88240
Project Name / Number: 1/4 Test
Contract / Purchase Order / Quote:

Project Manager / Contact:
Telephone No.: SAME
Fax No.:
Samplers : (signature): Lee M. Roberts

Analysis Required

| AALI Fraction Number | Field Sample Number / Location | Date | Time | Sample Type | Type / Size of Container | Preservation Temp. | Preservation Chemical | No. of Containers | TPH | BTEX | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0025A | LL # 27 | 9/26/06 | 1305 | Soil | 4oz glass | | ice | | X | X | | | | | | | | |
| 0026A | " 28 | | 1315 | | | | | | | | | | | | | | | |
| 0027A | " 29 | | 1330 | | | | | | | | | | | | | | | |
| 0028A | " 30 | | 1345 | | | | | | | | | | | | | | | |
| 0029A | " 31 | | 1400 | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |

Relinquished by:
Signature: Lee M. Roberts
Printed: Lee M. Roberts
Company: T&L Landfarm
Reason: 1/4 test
Date: 9/26/06
Time: P.M.

Received by:
Signature: [illegible]
Printed: S. Tabor
Company: AAL
Reason:

Relinquished by:
Signature:
Printed:
Company:
Reason:
Date:
Time:

Received by:
Signature: [illegible]
Printed: [illegible]
Company: AAL
Reason:

Method of Shipment: bus
Shipment No.:
Special Instructions:

Comments: Cooler K.m. 10.7

After analysis, samples are to be:
- ☐ Disposed of (additional fee)
- ☐ Stored (30 days max)
- ☐ Stored over 30 days (additional fee)
- ☐ Returned to customer

CARRIER

Assaigai Analytical Laboratories, Inc.

STANDARD

# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**

Project: **1/4 TEST**

Order: **0609751** **JLF01** Receipt: **09-28-06**

*Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.*

*Analytical results are not corrected for method blank or field blank contamination.*

MEMO: The samples were received at 16.7 degrees Celsius.

**ASSAIGAI ANALYTICAL LABORATORIES, INC.**
4301 Masthead NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259
3332 Wedgewood, Ste. N • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820
127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558

| Explanation of codes | |
|---|---|
| B | Analyte Detected in Method Blank |
| E | Result is Estimated |
| H | Analyzed Out of Hold Time |
| N | Tentatively Identified Compound |
| S | Subcontracted |
| 1-9 | See Footnote |

J&L LAND FARM INC.
attn: LEE M. ROBERTS
PO BOX 356
HOBBS NM 88240

STANDARD

*Assaigai Analytical Laboratories, Inc.*

# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: J&L LAND FARM INC.
Project: 1/4 TEST
Order: 0609751 JLF01 Receipt: 09-28-06

*William P. Biella: President of Assaigai Analytical Laboratories, Inc.*

Sample: *CELL #2* Collected: *09-26-06 8:00:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| 0609751-0001A | | SW846 5035B/8015B GRO by GC/FID | | | | | By: | EJB | | |
| V06482 | XG.2006.1241.10 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-02-06 | 10-02-06 |
| 0609751-0001A | | SW846 5035B/8260B Purgeable VOCs by GC/MS | | | | | By: | TRS | | |
| V06480 | XG.2006.1209.20 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.20 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.20 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.20 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.20 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| 0609751-0001A | | SW846 8015B Diesel Range Organics by GC/FID | | | | | By: | EJB | | |
| S06547 | XG.2006.1239.3 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-03-06 | 10-04-06 |

Sample: *CELL #3* Collected: *09-26-06 8:10:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| 0609751-0002A | | SW846 5035B/8015B GRO by GC/FID | | | | | By: | EJB | | |
| V06482 | XG.2006.1241.11 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-02-06 | 10-02-06 |
| 0609751-0002A | | SW846 5035B/8260B Purgeable VOCs by GC/MS | | | | | By: | TRS | | |
| V06480 | XG.2006.1209.21 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.21 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.21 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |



REPRODUCTION OF THIS REPORT IN LESS THAN FULL REQUIRES THE WRITTEN CONSENT OF AAL.
THIS REPORT MAY NOT BE USED IN ANY MANNER BY THE CLIENT OR ANY OTHER THIRD PARTY TO CLAIM PRODUCT ENDORSEMENT BY THE NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM.

*Report Date: 10/18/2006 8:50:56 AM*

STANDARD

*Assaigai Analytical Laboratories, Inc.*

# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**

Project: **1/4 TEST**

Order: **0609751** **JLF01** Receipt: **09-28-06**

Sample: ***CELL #3*** Collected: *09-26-06 8:10:00* By: *LMR*

Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0002A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06480 | XG.2006.1209.21 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.21 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| **0609751-0002A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | EJB | | |
| S06547 | XG.2006.1239.4 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-03-06 | 10-04-06 |

Sample: ***CELL #4*** Collected: *09-26-06 8:20:00* By: *LMR*

Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0003A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06482 | XG.2006.1241.12 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-02-06 | 10-02-06 |
| **0609751-0003A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06480 | XG.2006.1209.22 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.22 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.22 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.22 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.22 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| **0609751-0003A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | EJB | | |
| S06547 | XG.2006.1239.6 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-03-06 | 10-04-06 |

Sample: ***CELL #5*** Collected: *09-26-06 8:25:00* By: *LMR*

Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0004A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06482 | XG.2006.1241.14 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-02-06 | 10-02-06 |
| **0609751-0004A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06480 | XG.2006.1209.23 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.23 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.23 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.23 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.23 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| **0609751-0004A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | EJB | | |
| S06547 | XG.2006.1239.8 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-03-06 | 10-04-06 |



*Report Date: 10/18/2006 8:50:57 AM*

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*Assaigai Analytical Laboratories, Inc.*

# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST**
Order: **0609751** **JLF01** Receipt: **09-28-06**

Sample: ***CELL #6*** Collected: *09-26-06 8:35:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0005A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06482 | XG.2006.1241.15 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-02-06 | 10-02-06 |
| **0609751-0005A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06480 | XG.2006.1209.24 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.24 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.24 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.24 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.24 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| **0609751-0005A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | EJB | | |
| S06547 | XG.2006.1239.7 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-03-06 | 10-04-06 |

Sample: ***CELL #7*** Collected: *09-26-06 8:50:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0006A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06482 | XG.2006.1241.16 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-02-06 | 10-02-06 |
| **0609751-0006A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06480 | XG.2006.1209.25 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.25 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.25 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.25 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.25 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| **0609751-0006A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | EJB | | |
| S06547 | XG.2006.1239.8 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-03-06 | 10-04-06 |

Sample: ***CELL #8*** Collected: *09-26-06 9:15:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0007A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06482 | XG.2006.1241.17 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-02-06 | 10-02-06 |
| **0609751-0007A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06480 | XG.2006.1209.26 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.26 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.26 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| V06480 | XG.2006.1209.26 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 09-29-06 | 09-29-06 |

STANDARD

Assaigai Analytical Laboratories, Inc.

# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**

Project: **1/4 TEST**

Order: **0609751** **JLF01** Receipt: **09-28-06**

Sample: ***CELL #8*** Collected: *09-26-06 9:15:00* By: *LMR*

Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0007A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | | By: TRS | | |
| V06480 | XG.2006.1209.26 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 09-29-06 | 09-29-06 |
| **0609751-0007A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | | By: EJB | | |
| S06547 | XG.2006.1239.9 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-03-06 | 10-04-06 |

Sample: ***CELL #9*** Collected: *09-26-06 9:30:00* By: *LMR*

Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0008A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | | By: EJB | | |
| V06482 | XG.2006.1241.18 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-02-06 | 10-02-06 |
| **0609751-0008A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | | By: TRS | | |
| V06483 | XG.2006.1215.8 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.8 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.8 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.8 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.8 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| **0609751-0008A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | | By: EJB | | |
| S06547 | XG.2006.1239.10 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-03-06 | 10-04-06 |

Sample: ***CELL #10*** Collected: *09-26-06 9:50:00* By: *LMR*

Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0009A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | | By: EJB | | |
| V06482 | XG.2006.1241.19 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-02-06 | 10-02-06 |
| **0609751-0009A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | | By: TRS | | |
| V06483 | XG.2006.1215.9 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.9 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.9 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.9 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.9 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| **0609751-0009A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | | By: EJB | | |
| S06547 | XG.2006.1239.11 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-03-06 | 10-05-06 |

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# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST**
Order: **0609751** **JLF01** Receipt: **09-28-06**

Sample: ***CELL #12*** Collected: *09-26-06 10:15:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0010A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06482 | XG.2006.1241.20 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-02-06 | 10-02-06 |
| **0609751-0010A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06483 | XG.2006.1215.10 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.10 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.10 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.10 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.10 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| **0609751-0010A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | EJB | | |
| S06547 | XG.2006.1239.14 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-03-06 | 10-05-06 |

Sample: ***CELL #13*** Collected: *09-26-06 10:30:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0011A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06482 | XG.2006.1241.21 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-02-06 | 10-02-06 |
| **0609751-0011A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06487 | XG.2006.1221.18 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 10-03-06 | 10-03-06 |
| V06487 | XG.2006.1221.18 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 10-03-06 | 10-03-06 |
| V06487 | XG.2006.1221.18 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 10-03-06 | 10-03-06 |
| V06487 | XG.2006.1221.18 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 10-03-06 | 10-03-06 |
| V06487 | XG.2006.1221.18 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 10-03-06 | 10-03-06 |
| **0609751-0011A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | EJB | | |
| S06547 | XG.2006.1239.15 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-03-06 | 10-05-06 |

Sample: ***CELL #14*** Collected: *09-26-06 10:40:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0012A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06482 | XG.2006.1241.22 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-02-06 | 10-02-06 |
| **0609751-0012A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06483 | XG.2006.1215.12 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.12 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.12 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.12 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 10-02-06 | 10-02-06 |

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# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST**
Order: **0609751** **JLF01** Receipt: **09-28-06**

Sample: ***CELL #14*** Collected: *09-26-06 10:40:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0012A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06483 | XG.2006.1215.12 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| **0609751-0012A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | EJB | | |
| S06547 | XG.2006.1239.16 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-03-06 | 10-05-06 |

Sample: ***CELL #15*** Collected: *09-26-06 10:50:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0013A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06482 | XG.2006.1241.23 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-02-06 | 10-02-06 |
| **0609751-0013A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06483 | XG.2006.1215.13 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.13 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.13 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.13 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.13 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| **0609751-0013A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | EJB | | |
| S06547 | XG.2006.1239.17 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-03-06 | 10-05-06 |

Sample: ***CELL #16*** Collected: *09-26-06 11:00:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0014A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06486 | XG.2006.1242.4 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-03-06 | 10-03-06 |
| **0609751-0014A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06483 | XG.2006.1215.14 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.14 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.14 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.14 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.14 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| **0609751-0014A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | EJB | | |
| S06547 | XG.2006.1239.18 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-03-06 | 10-05-06 |

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# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST**
Order: **0609751** **JLF01** Receipt: **09-28-06**

Sample: ***CELL #17*** Collected: *09-26-06 11:10:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0015A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06486 | XG.2006.1242.5 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-03-06 | 10-03-06 |
| **0609751-0015A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06483 | XG.2006.1215.15 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.15 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.15 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.15 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.15 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| **0609751-0015A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | EJB | | |
| S06547 | XG.2006.1239.19 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-03-06 | 10-05-06 |

Sample: ***CELL #18*** Collected: *09-26-06 11:20:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0016A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06486 | XG.2006.1242.6 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-03-06 | 10-03-06 |
| **0609751-0016A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06483 | XG.2006.1215.16 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.16 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.16 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.16 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.16 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| **0609751-0016A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | EJB | | |
| S06547 | XG.2006.1239.20 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-03-06 | 10-05-06 |

Sample: ***CELL #19*** Collected: *09-26-06 11:25:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0017A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06486 | XG.2006.1242.7 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-03-06 | 10-03-06 |
| **0609751-0017A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06483 | XG.2006.1215.17 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.17 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.17 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.17 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 10-02-06 | 10-02-06 |

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# Certificate of Analysis

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Client: **J&L LAND FARM INC.**
Project: **1/4 TEST**
Order: **0609751** **JLF01** Receipt: **09-28-06**

Sample: ***CELL #19*** Collected: *09-26-06 11:25:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0017A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | | By: TRS | | |
| V06483 | XG.2006.1215.17 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| **0609751-0017A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | | By: EJB | | |
| S06547 | XG.2006.1239.21 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-03-06 | 10-05-06 |

Sample: ***CELL #20*** Collected: *09-26-06 11:30:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0018A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | | By: EJB | | |
| V06488 | XG.2006.1242.8 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-03-06 | 10-03-06 |
| **0609751-0018A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | | By: TRS | | |
| V06483 | XG.2006.1215.18 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.18 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.18 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.18 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.18 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| **0609751-0018A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | | By: EJB | | |
| S06554 | XG.2006.1251.31 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-05-06 | 10-07-06 |

Sample: ***CELL #21*** Collected: *09-26-06 11:35:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0019A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | | By: EJB | | |
| V06488 | XG.2006.1242.8 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-03-06 | 10-03-06 |
| **0609751-0019A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | | By: TRS | | |
| V06483 | XG.2006.1215.19 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.19 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.19 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.19 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.19 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| **0609751-0019A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | | By: EJB | | |
| S06554 | XG.2006.1251.34 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-05-06 | 10-07-06 |

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# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST**
Order: **0609751** **JLF01** Receipt: **09-28-06**

Sample: ***CELL #22*** Collected: *09-26-06 11:40:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0020A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06486 | XG.2006.1242.10 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-03-06 | 10-03-06 |
| **0609751-0020A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06483 | XG.2006.1215.20 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.20 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.20 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.20 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.20 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| **0609751-0020A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | EJB | | |
| S06554 | XG.2006.1251.36 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-05-06 | 10-07-06 |

Sample: ***CELL #23*** Collected: *09-26-06 11:45:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0021A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06486 | XG.2006.1242.11 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-03-06 | 10-03-06 |
| **0609751-0021A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06483 | XG.2006.1215.21 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.21 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.21 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.21 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.21 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| **0609751-0021A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | EJB | | |
| S06554 | XG.2006.1251.37 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-05-06 | 10-07-06 |

Sample: ***CELL #24*** Collected: *09-26-06 11:50:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0022A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06486 | XG.2006.1242.15 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-03-06 | 10-03-06 |
| **0609751-0022A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06483 | XG.2006.1215.22 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.22 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.22 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.22 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 10-02-06 | 10-02-06 |

STANDARD

*Assaigai Analytical Laboratories, Inc.*

# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST**
Order: **0609751** **JLF01** Receipt: **09-28-06**

Sample: ***CELL #24*** Collected: *09-26-06 11:50:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0022A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | | By: TRS | | |
| V06483 | XG.2006.1215.22 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| **0609751-0022A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | | By: EJB | | |
| S06554 | XG.2006.1251.38 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-05-06 | 10-07-06 |

Sample: ***CELL #25*** Collected: *09-26-06 11:55:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0023A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | | By: EJB | | |
| V06486 | XG.2006.1242.16 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-03-06 | 10-03-06 |
| **0609751-0023A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | | By: TRS | | |
| V06483 | XG.2006.1215.23 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.23 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.23 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.23 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.23 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| **0609751-0023A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | | By: EJB | | |
| S06554 | XG.2006.1251.39 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-05-06 | 10-07-06 |

Sample: ***CELL #26*** Collected: *09-26-06 12:00:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0024A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | | By: EJB | | |
| V06490 | XG.2006.1243.4 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-04-06 | 10-04-06 |
| **0609751-0024A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | | By: TRS | | |
| V06501 | XG.2006.1282.11 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | H | 10-13-06 | 10-13-06 |
| V06501 | XG.2006.1282.11 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | H | 10-13-06 | 10-13-06 |
| V06501 | XG.2006.1282.11 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | H | 10-13-06 | 10-13-06 |
| V06501 | XG.2006.1282.11 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | H | 10-13-06 | 10-13-06 |
| V06501 | XG.2006.1282.11 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | H | 10-13-06 | 10-13-06 |
| **0609751-0024A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | | By: EJB | | |
| S06554 | XG.2006.1251.40 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-05-06 | 10-07-06 |

STANDARD

Assaigai Analytical Laboratories, Inc.

# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST**
Order: **0609751** **JLF01** Receipt: **09-28-06**

Sample: ***CELL #27*** Collected: *09-26-06 13:05:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0025A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06490 | XG.2006.1243.5 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-04-06 | 10-04-06 |
| **0609751-0025A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06501 | XG.2006.1282.9 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | H | 10-13-06 | 10-13-06 |
| V06501 | XG.2006.1282.9 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | H | 10-13-06 | 10-13-06 |
| V06501 | XG.2006.1282.9 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | H | 10-13-06 | 10-13-06 |
| V06501 | XG.2006.1282.9 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | H | 10-13-06 | 10-13-06 |
| V06501 | XG.2006.1282.9 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | H | 10-13-06 | 10-13-06 |
| **0609751-0025A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | EJB | | |
| S06554 | XG.2006.1251.41 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-05-06 | 10-07-06 |

Sample: ***CELL #28*** Collected: *09-26-06 13:15:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0026A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06490 | XG.2006.1243.6 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-04-06 | 10-04-06 |
| **0609751-0026A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06483 | XG.2006.1215.26 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.26 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.26 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.26 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 10-02-06 | 10-02-06 |
| V06483 | XG.2006.1215.26 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 10-02-06 | 10-02-06 |
| **0609751-0026A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | EJB | | |
| S06564 | XG.2006.1251.42 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-05-06 | 10-07-06 |

Sample: ***CELL #29*** Collected: *09-26-06 13:30:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0027A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06490 | XG.2006.1243.7 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-04-06 | 10-04-06 |
| **0609751-0027A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06487 | XG.2006.1221.19 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 10-03-06 | 10-03-06 |
| V06487 | XG.2006.1221.19 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 10-03-06 | 10-03-06 |
| V06487 | XG.2006.1221.19 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 10-03-06 | 10-03-06 |
| V06487 | XG.2006.1221.19 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 10-03-06 | 10-03-06 |

STANDARD

*Assaigai Analytical Laboratories, Inc.*

# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST**
Order: **0609751** **JLF01** Receipt: **09-28-06**

Sample: ***CELL #29*** Collected: *09-26-06 13:30:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0027A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06487 | XG.2006.1221.19 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 10-03-06 | 10-03-06 |
| **0609751-0027A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | EJB | | |
| S06554 | XG.2006.1251.43 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-05-06 | 10-07-06 |

Sample: ***CELL #30*** Collected: *09-26-06 13:45:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0028A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06490 | XG.2006.1243.8 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-04-06 | 10-04-06 |
| **0609751-0028A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06487 | XG.2006.1221.20 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 10-03-06 | 10-03-06 |
| V06487 | XG.2006.1221.20 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 10-03-06 | 10-03-06 |
| V06487 | XG.2006.1221.20 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 10-03-06 | 10-03-06 |
| V06487 | XG.2006.1221.20 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 10-03-06 | 10-03-06 |
| V06487 | XG.2006.1221.20 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 10-03-06 | 10-03-06 |
| **0609751-0028A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | EJB | | |
| S06554 | XG.2006.1251.44 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-05-06 | 10-07-06 |

Sample: ***CELL #31*** Collected: *09-26-06 14:00:00* By: *LMR*
Matrix:

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0609751-0029A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06490 | XG.2006.1243.9 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.25 | | 10-04-06 | 10-04-06 |
| **0609751-0029A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | TRS | | |
| V06487 | XG.2006.1221.21 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 10-03-06 | 10-03-06 |
| V06487 | XG.2006.1221.21 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 10-03-06 | 10-03-06 |
| V06487 | XG.2006.1221.21 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 10-03-06 | 10-03-06 |
| V06487 | XG.2006.1221.21 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 10-03-06 | 10-03-06 |
| V06487 | XG.2006.1221.21 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 10-03-06 | 10-03-06 |
| **0609751-0029A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | EJB | | |
| S06554 | XG.2006.1251.45 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 10-05-06 | 10-07-06 |

# J&L LANDFARM, INC.

P.O. Box 356
Hobbs, New Mexico 88241-0356
Phone (505) 392-9697
Fax (505) 392-8537

July 29, 2006

2006 SEP 28 PM 1 54

NM Energy, Minerals & Natural
Resources Dept. (OCD)
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Subj: 2nd qtr Analytical Testing**

Attached are copies of the required quarterly analytical testing for all active cells within J&L Landfarm, Inc. facility. Lab testing reports include TPH/B-TEX. Active cells are **2,8,9,10,11.**

Attached are analytical test results with chain of custody analysis request and the denoted sample collection area for each cell.

If you need other information, please call me at (505) 392-9697.

Sincerely,

Judy L. Roberts

Judy L. Roberts

xc Hobbs OCD

J&L LANDFARM, INC.
P.O. BOX 356, HOBBS, NM 88241-0356
TELE(505) 392-9697 FAX(505) 392-8537

J&L Landfarm, Inc.
Subject: 2nd qtr/testing
Cells 2,8,9,10
Date: 7/29/2006

non-exempt cells:
11

exempt cells:
2,8,9,10

N
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S

| | |
|---|---|
| | DMS PENDING |
| | Active |
| | Soil Remedited |

| cell 1 | cell 2 | cell 3 | cell 4 | cell 5 | cell 6 | cell 7 | cell 8 | cell 9 |
|---|---|---|---|---|---|---|---|---|
| | x | | | | | | x | x |

| cell 10 | cell 11 | cell 12 | cell 13 | cell 14 | cell 15 | B-1 | | |
|---|---|---|---|---|---|---|---|---|
| x | x | | | | | | | |
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**ASSAIGAI ANALYTICAL LABORATORIES, INC.**

# Chain of Custody Record

Lab Job No.: 0606733 Date _____

Page 1 of 1

4301 Masthead N.E.
ALBUQUERQUE, NEW MEXICO 87109
(505) 345-8964

3332 WEDGEWOOD
EL PASO, TEXAS 79925
(915) 593-6000

127 EASTGATE DRIVE, 212-C
LOS ALAMOS, NEW MEXICO 87544
(505) 662-2558

Tel. Landfarm
ss PO Box 356
State / Zip Hobbs N. Mex 88240
t Name / Number 1/4 Test
ict / Purchase Order / Quote _____

Project Manager / Contact _____
Telephone No. 505 631-5765
Fax No. 505-392-8537
Samplers : (signature) Lee M. Roberts

Analysis Required

| AALI Fraction Number | Field Sample Number / Location | Date | Time | Sample Type | Type / Size of Container | Preservation Temp. | Preservation Chemical | No. of Containers | TOH | BTEX | | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01A | Cell # 2 | 6/28/06 | 1000 | soil | 4 oz glass | | None | 1 | X | X | | | | | | | | | |
| 02A | " # 8 | " | 1015 | " | " | | " | 1 | X | X | | | | | | | | | |
| 03A | " # 9 | " | 1020 | " | " | | " | 1 | X | X | | | | | | | | | |
| 04A | " # 10 | " | 1025 | " | " | | " | 1 | X | X | | | | | | | | | |
| 05A | " # 11 | " | 1035 | " | " | | " | 1 | X | X | | | | | | | | | |
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OFFICE USE ONLY

| Relinquished by: | Date | Received by: | Relinquished by: | Date | Received by: |
|---|---|---|---|---|---|
| Signature Lee M. Roberts | 6-28-06 | Signature [illegible] | Signature [illegible] | 6/29/06 | Signature [illegible] |
| Printed Lee M. Roberts | Time 10:00 AM | Printed S. Tabor | Printed S. Tabor | Time 1605 | Printed [illegible] |
| Company Tel. Landfarm | | Company AAL | Company AAL | | Company [illegible] |
| Reason Test | | Reason | Reason | | Reason [illegible] |

Method of Shipment bus
Shipment No. _____
Special Instructions: _____

Comments: _____

After analysis, samples are to be:
- ☐ Disposed of (additional fee)
- ☐ Stored (30 days max)
- ☐ Stored over 30 days (additional fee)
- ☐ Returned to customer

CARRIER

**ASSAIGAI ANALYTICAL LABORATORIES, INC.**
P.O. Box 90430 • Albuquerque, New Mexico 87199 • (505) 345-8964 • FAX (505) 345-7259
3332 Wedgewood, Ste. N • El Paso, Texas 79925 • (915) 593-4000 • FAX (915) 593-7820
127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558

| Explanation of codes | |
|---|---|
| B | Analyte Detected in Method Blank |
| E | Result Is Estimated |
| H | Analyzed Out of Hold Time |
| N | Tentatively Identified Compound |
| S | Subcontracted |
| 1-9 | See Footnote |

**J&L LAND FARM INC.**
attn: **LEE M. ROBERTS**
**PO BOX 356**
**HOBBS NM 88240**

STANDARD

*Assaigai Analytical Laboratories, Inc.*

# *Certificate of Analysis*

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST**
Order: **0606733** **JLF01** Receipt: **06-28-06**

*William P. Blevi: President of Assaigai Analytical Laboratories, Inc.*

Sample: ***CELL #2*** Collected: *06-28-06 10:00:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0606733-0001A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | | By: EJB | | |
| V06327 | XG.2006.844.4 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 07-10-06 | 07-10-06 |
| **0606733-0001A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | | By: MDE | | |
| V06325 | XG.2006.851.8 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 07-06-06 | 07-06-06 |
| V06325 | XG.2006.835.8 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 07-06-06 | 07-06-06 |
| V06325 | XG.2006.835.8 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 07-06-06 | 07-06-06 |
| V06325 | XG.2006.835.8 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 07-06-06 | 07-06-06 |
| V06325 | XG.2006.835.8 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 07-06-06 | 07-06-06 |
| **0606733-0001A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | | By: SDW | | |
| S06365 | XG.2006.834.22 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 07-06-06 | 07-06-06 |

Sample: ***CELL #8*** Collected: *06-28-06 10:15:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0606733-0002A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | | By: EJB | | |
| V06327 | XG.2006.844.8 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 07-10-06 | 07-10-06 |
| **0606733-0002A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | | By: MDE | | |
| V06325 | XG.2006.835.9 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 07-06-06 | 07-06-06 |
| V06325 | XG.2006.835.9 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 07-06-06 | 07-06-06 |
| V06325 | XG.2006.835.9 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 07-06-06 | 07-06-06 |



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STANDARD

*Assaigai Analytical Laboratories, Inc.*

# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST**
Order: **0606733** **JLF01** Receipt: **06-28-06**

Sample: ***CELL #8*** Collected: *06-28-06 10:15:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0606733-0002A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: MDE | | | |
| V06325 | XG.2006.835.9 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 07-06-06 | 07-06-06 |
| V06325 | XG.2006.835.9 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 07-06-06 | 07-06-06 |
| **0606733-0002A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: SDW | | | |
| S06365 | XG.2006.834.23 | | Diesel Range Organics | 61 | mg / Kg | 1 | 25 | | 07-06-06 | 07-06-06 |

Sample: ***CELL #9*** Collected: *06-28-06 10:20:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0606733-0003A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: EJB | | | |
| V06327 | XG.2006.844.9 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 07-10-06 | 07-10-06 |
| **0606733-0003A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: MDE | | | |
| V06325 | XG.2006.835.10 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 07-06-06 | 07-06-06 |
| V06325 | XG.2006.835.10 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 07-06-06 | 07-06-06 |
| V06325 | XG.2006.835.10 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 07-06-06 | 07-06-06 |
| V06325 | XG.2006.835.10 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 07-06-06 | 07-06-06 |
| V06325 | XG.2006.835.10 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 07-06-06 | 07-06-06 |
| **0606733-0003A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: SDW | | | |
| S06365 | XG.2006.834.24 | | Diesel Range Organics | 47 | mg / Kg | 1 | 25 | | 07-06-06 | 07-06-06 |

Sample: ***CELL #10*** Collected: *06-28-06 10:25:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0606733-0004A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: EJB | | | |
| V06327 | XG.2006.844.10 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 07-10-06 | 07-10-06 |
| **0606733-0004A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: MDE | | | |
| V06325 | XG.2006.835.11 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 07-06-06 | 07-06-06 |
| V06325 | XG.2006.835.11 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 07-06-06 | 07-06-06 |
| V06325 | XG.2006.835.11 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 07-06-06 | 07-06-06 |
| V06325 | XG.2006.835.11 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 07-06-06 | 07-06-06 |
| V06325 | XG.2006.835.11 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 07-06-06 | 07-06-06 |
| **0606733-0004A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: SDW | | | |
| S06365 | XG.2006.834.25 | | Diesel Range Organics | 26 | mg / Kg | 1 | 25 | | 07-06-06 | 07-07-06 |

STANDARD

*Assaigai Analytical Laboratories, Inc.*

# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**

Project: **1/4 TEST**

Order: **0606733** **JLF01** Receipt: **06-28-06**

Sample: ***CELL #11*** Collected: *06-28-06 10:35:00* By: *LMR*

Matrix: **SOIL**

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0606733-0005A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06327 | XG.2006.844.11 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 07-10-06 | 07-10-06 |
| **0606733-0005A** | | **SW846 5035B/8260B Purgeable VOCs by GC/MS** | | | | | By: | MOE | | |
| V06325 | XG.2006.835.12 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 07-06-06 | 07-06-06 |
| V06325 | XG.2006.835.12 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 07-06-06 | 07-06-06 |
| V06325 | XG.2006.835.12 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 07-06-06 | 07-06-06 |
| V06325 | XG.2006.835.12 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 07-06-06 | 07-06-06 |
| V06325 | XG.2006.835.12 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 07-06-06 | 07-06-06 |
| **0606733-0005A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | SDW | | |
| S06365 | XG.2006.834.26 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 07-06-06 | 07-07-06 |

*Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or footnotes will appear below.*

*Analytical results are not corrected for method blank or field blank contamination.*

# J&L LANDFARM, INC.

P.O. Box 356
Hobbs, New Mexico 88241-0356
Phone (505) 392-9697
Fax (505) 392-8537

April 29, 2006

2006 SEP 28 PM 1 54

NM Energy, Minerals & Natural
Resources Dept. (OCD)
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Subj: 1st qtr Analytical Testing**

Attached are copies of the required quarterly analytical testing for all active cells within J&L Landfarm, Inc. facility. Lab testing reports include TPH/B-TEX. active cells are 2,10,11.

Attached are analytical test results with chain of custody analysis request and the denoted sample collection area for each cell.

If you need other information, please call me at (505) 393-9697.

Sincerely,

Judy L. Roberts

Judy L. Roberts

xc Hobbs OCD

**ASSAIGAI ANALYTICAL LABORATORIES, INC.**

# Chain of Custody Record

4301 Masthead N.E.
ALBUQUERQUE, NEW MEXICO 87109
(505) 345-8964

3332 WEDGEWOOD
EL PASO, TEXAS 79925
(915) 593-6000

127 EASTGATE DRIVE, 212-C
LOS ALAMOS, NEW MEXICO 87544
(505) 662-2558

Lab Job No.: _____ Date _____

Page 1 of 1

Ess: J.E.L. Land Farm Inc.
Ess: P.O. Box 356
State / Zip: Hobbs, N Mex 88240
ct Name / Number: 1/4 Test
act / Purchase Order / Quote

Project Manager / Contact: Lee M. Roberts
Telephone No.: 505-631-5765
Fax No.: 505-392-8537
Samplers : (signature): Lee M Roberts

Analysis Required

| AALI Fraction Number | Field Sample Number / Location | Date | Time | Sample Type | Type / Size of Container | Preservation Temp. | Preservation Chemical | No. of Containers | TPH | BTEX | | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01A | #2 | 3-23 | 1130 | Soil | Mon glass | | ice | 1 | X | X | | | | | | | | | |
| 02A | #11 | " | 2000 | " | " | | " | 1 | X | X | | | | | | | | | |
| 03A | #16 | " | 2115 | " | " | | " | 1 | X | X | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | |

Relinquished by:
Signature: Lee M. Roberts
Printed: LEE M. ROBERTS
Company: J.E.L. Land Farm
Reason: 1/4 TEST
Date: 3-23-0
Time: 0815

Received by:
Signature: Shep Tabb
Printed: S. Tabb
Company: AAL
Reason:

Relinquished by:
Signature:
Printed:
Company:
Reason:
Date: 3/25/96
Time: 0945

Received by:
Signature:
Printed:
Company:
Reason:

Method of Shipment: bus
Shipment No.:
Special Instructions:

Comments:

After analysis, samples are to be:
- ☐ Disposed of (additional fee)
- ☐ Stored (30 days max)
- ☐ Stored over 30 days (additional fee)
- ☐ Returned to customer

CARRIER

ASSAIGAI
ANALYTICAL
LABORATORIES, INC.
4301 Masthead NE, Ste. A • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259
3332 Wedgewood, Ste. N • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820
127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558

| Explanation of codes | |
|---|---|
| B | *Analyte Detected in Method Blank* |
| E | *Result is Estimated* |
| H | *Analyzed Out of Hold Time* |
| N | *Tentatively Identified Compound* |
| S | *Subcontracted* |
| 1-9 | *See Footnote* |

**J&L LAND FARM INC.**
attn: **LEE M. ROBERTS**
**PO BOX 356**
**HOBBS NM 88240**

STANDARD

*Assaigai Analytical Laboratories, Inc.*

# *Certificate of Analysis*

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST**
Order: **0603635 JLF01** Receipt: **03-23-06**

*William P. Biava: President of Assaigai Analytical Laboratories, Inc.*

Sample: ***#2*** Collected: *03-23-06 13:30:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0603635-0001A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06158 | XG.2006.379.7 | | Gasoline Range Organics | ND | mg/Kg | 1 | 0.55 | | 03-31-06 | 03-31-06 |
| **0603635-0001A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | EJB | | |
| V06158 | XG.2006.379.7 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 03-31-06 | 03-31-06 |
| V06158 | XG.2006.379.7 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 03-31-06 | 03-31-06 |
| V06158 | XG.2006.379.7 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 03-31-06 | 03-31-06 |
| V06158 | XG.2006.379.7 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 03-31-06 | 03-31-06 |
| V06158 | XG.2006.379.7 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 03-31-06 | 03-31-06 |
| **0603635-0001A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | SDW | | |
| S06162 | XG.2006.368.7 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 03-29-06 | 03-29-06 |

Sample: ***#11*** Collected: *03-23-06 14:00:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0603635-0002A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06158 | XG.2006.379.8 | | Gasoline Range Organics | ND | mg/Kg | 1 | 0.55 | | 03-31-06 | 03-31-06 |
| **0603635-0002A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | EJB | | |
| V06158 | XG.2006.379.8 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 03-31-06 | 03-31-06 |
| V06158 | XG.2006.379.8 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 03-31-06 | 03-31-06 |
| V06158 | XG.2006.379.8 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 03-31-06 | 03-31-06 |



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THIS REPORT MAY NOT BE USED IN ANY MANNER BY THE CLIENT OR ANY OTHER THIRD PARTY TO CLAIM
PRODUCT ENDORSEMENT BY THE NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM.

*Report Date:* *4/3/2006 4:13:12 PM*

Assaigai Analytical Laboratories, Inc.

# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

:lient: **J&L LAND FARM INC.**

'roject: **1/4 TEST**

)rder: **0603635** **JLF01** Receipt: **03-23-06**

·ample: ***#11*** Collected: *03-23-06 14:00:00* By: *LMR*

latrix: ***SOIL***

| IC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **603635-0002A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | | By: EJB | | |
| 06158 | XG.2006.379.8 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 03-31-06 | 03-31-06 |
| 06158 | XG.2006.379.8 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 03-31-06 | 03-31-06 |
| **603635-0002A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | | By: SDW | | |
| 06162 | XG.2006.368.10 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 03-29-06 | 03-29-06 |

ample: ***#10*** Collected: *03-23-06 14:15:00* By: *LMR*

latrix: ***SOIL***

| IC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **603635-0003A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | | By: EJB | | |
| 06158 | XG.2006.379.9 | | Gasoline Range Organics | ND | mg/Kg | 1 | 0.55 | | 03-31-06 | 03-31-06 |
| **603635-0003A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | | By: EJB | | |
| 06158 | XG.2006.379.9 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 03-31-06 | 03-31-06 |
| 06158 | XG.2006.379.9 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 03-31-06 | 03-31-06 |
| 06158 | XG.2006.379.9 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 03-31-06 | 03-31-06 |
| 06158 | XG.2006.379.9 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 03-31-06 | 03-31-06 |
| 06158 | XG.2006.379.9 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 03-31-06 | 03-31-06 |
| **603635-0003A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | | By: SDW | | |
| 06162 | XG.2006.368.11 | | Diesel Range Organics | 26 | mg / Kg | 1 | 25 | | 03-29-06 | 03-29-06 |

*Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.*

*Analytical results are not corrected for method blank or field blank contamination.*

J&L Landfarm, Inc.
Subject: 1st qtr/2004
Cells 2-10-11
Date: 3/23/06

non-exempt cells:
11

exempt cells:
2-10

N
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S

DMS PENDING
Active
Soil Remedited

| cell 1 | cell 2 | cell 3 | cell 4 | cell 5 | cell 6 | cell 7 | cell 8 | cell 9 |
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| | x | | | | | | | |

| cell 10 | cell 11 | cell 12 | cell 13 | cell 14 | cell 15 | B-1 | | |
|---|---|---|---|---|---|---|---|---|
| x | x | | | | | | | |
~~~

# J&L LANDFARM, INC.

P.O. Box 356
Hobbs, New Mexico 88241-0356
Phone (505) 392-9697
Fax (505) 392-8537

January 27, 2006

NM Energy, Minerals & Natural
Resources Dept. (OCD)
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

NM-1-023

**Subj: 4th Qtr Analytical Cell Testing/RCRA**

Attn: Ed Martin

Attached are copies of the required quarterly analytical testing for all active cells within J&L Landfarm, Inc. facility. Lab testing reports include TPH/B-TEX, and RCRA metal testing(annual). Active cells are **#2, #10.**

Attached are analytical test results with chain of custody analysis request and the denoted sample collection area for each cell.

If you need other information, please call me at (505) 392-9697.

Sincerely,

Judy L. Roberts

Judy L. Roberts

xc Hobbs OCD

2006 FEB 14 PM 1 13

ASSAIGAI
ANALYTICAL
LABORATORIES, INC.
4301 Masthead NE, Ste. A • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259
3332 Wedgewood, Ste. N • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820
127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558

| Explanation of codes | |
|---|---|
| B | Analyte Detected in Method Blank |
| E | Result is Estimated |
| H | Analyzed Out of Hold Time |
| N | Tentatively Identified Compound |
| S | Subcontracted |
| 1-9 | See Footnote |

J&L LAND FARM INC.
attn: LEE M. ROBERTS
PO BOX 356
HOBBS NM 88240

STANDARD

*Assaigai Analytical Laboratories, Inc.*

# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST**
Order: **0512618** **JLF01** Receipt: **12-30-05**

*William P. Biava: President of Assaigai Analytical Laboratories, Inc.*

Sample: ***CELL #2*** Collected: *12-29-05 7:30:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0512618-0001A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06006 | XG.2006.45.5 | | Gasoline Range Organics | ND | mg/Kg | 1 | 0.55 | | 01-06-06 | 01-10-06 |
| **0512618-0001A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | EJB | | |
| V06006 | XG.2006.45.5 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 01-06-06 | 01-10-06 |
| V06006 | XG.2006.45.5 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 01-06-06 | 01-10-06 |
| V06006 | XG.2006.45.5 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 01-06-06 | 01-10-06 |
| V06006 | XG.2006.45.5 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 01-06-06 | 01-10-06 |
| V06006 | XG.2006.45.5 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 01-06-06 | 01-10-06 |
| **0512618-0001A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | IPM\RG | | |
| S06005 | XG.2006.26.20 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 01-04-06 | 01-05-06 |
| **0512618-0001B** | | **SW846 1311/3010A/6010B ICP TCLP** | | | | | By: | TGA | | |
| M06026 | MT.2006.74.43 | 7440-38-2 | Arsenic | ND | mg/L | 25 | 0.01 | | 01-10-06 | 01-11-06 |
| M06026 | MT.2006.74.43 | 7440-39-3 | Barium | 0.375 | mg/L | 25 | 0.01 | | 01-10-06 | 01-11-06 |
| M06026 | MT.2006.74.43 | 7440-43-9 | Cadmium | ND | mg/L | 25 | 0.005 | | 01-10-06 | 01-11-06 |
| M06026 | MT.2006.74.43 | 7440-47-3 | Chromium | ND | mg/L | 25 | 0.005 | | 01-10-06 | 01-11-06 |
| M06026 | MT.2006.74.43 | 7439-92-1 | Lead | ND | mg/L | 25 | 0.01 | | 01-10-06 | 01-11-06 |
| M06026 | MT.2006.74.43 | 7782-49-2 | Selenium | ND | mg/L | 25 | 0.01 | | 01-10-06 | 01-11-06 |
| M06026 | MT.2006.74.43 | 7440-22-4 | Silver | ND | mg/L | 25 | 0.02 | | 01-10-06 | 01-11-06 |
| **0512618-0001B** | | **SW846 1311/7470A CVAA TCLP** | | | | | By: | MBR | | |
| M06030 | MT.2006.67.22 | 7439-97-6 | Mercury | ND | mg/L | 1 | 0.0002 | | 01-11-06 | 01-11-06 |
| **0512618-0001B** | | **SW846 1311/8260B Purgeable VOCs by GC/MS TCLP** | | | | | By: | CWJ | | |
| V06007 | XG.2006.27.8 | 75-35-4 | 1,1 Dichloroethylene | ND | mg/L | 1 | 0.001 | | 01-09-06 | 01-09-06 |



REPRODUCTION OF THIS REPORT IN LESS THAN FULL REQUIRES THE WRITTEN CONSENT OF AAL.
THIS REPORT MAY NOT BE USED IN ANY MANNER BY THE CLIENT OR ANY OTHER THIRD PARTY TO CLAIM
PRODUCT ENDORSEMENT BY THE NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM.

*Report Date:* *1/13/2006 4:17:44 PM*

STANDARD

*Assaigai Analytical Laboratories, Inc.*

# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST**
Order: **0512618** **JLF01** Receipt: **12-30-05**

Sample: ***CELL #2*** Collected: *12-29-05 7:30:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0512618-0001B** | | **SW846 1311/8260B Purgeable VOCs by GC/MS TCLP** | | | | | By: | CWJ | | |
| V06007 | XG.2006.27.8 | 107-06-2 | 1,2-Dichloroethane (EDC) | ND | mg/L | 1 | 0.002 | | 01-09-06 | 01-09-06 |
| V06007 | XG.2006.27.8 | 71-43-2 | Benzene | ND | mg/L | 1 | 0.001 | | 01-09-06 | 01-09-06 |
| V06007 | XG.2006.27.8 | 56-23-5 | Carbon tetrachloride | ND | mg/L | 1 | 0.001 | | 01-09-06 | 01-09-06 |
| V06007 | XG.2006.27.8 | 108-90-7 | Chlorobenzene | ND | mg/L | 1 | 0.001 | | 01-09-06 | 01-09-06 |
| V06007 | XG.2006.27.8 | 67-66-3 | Chloroform | ND | mg/L | 1 | 0.001 | | 01-09-06 | 01-09-06 |
| V06007 | XG.2006.27.8 | 78-93-3 | Methyl ethyl ketone | ND | mg/L | 1 | 0.005 | | 01-09-06 | 01-09-06 |
| V06007 | XG.2006.27.8 | 127-18-4 | Tetrachloroethylene | ND | mg/L | 1 | 0.002 | | 01-09-06 | 01-09-06 |
| V06007 | XG.2006.27.8 | 79-01-6 | Trichloroethylene | ND | mg/L | 1 | 0.001 | | 01-09-06 | 01-09-06 |
| V06007 | XG.2006.27.8 | 75-01-4 | Vinyl chloride | ND | mg/L | 1 | 0.005 | | 01-09-06 | 01-09-06 |
| **0512618-0001B** | | **SW846 1311/3510B/8270C SVOCs by GC/MS TCLP** | | | | | By: | DS | | |
| S06009 | XG.2006.30.5 | 106-46-7 | 1,4-Dichlorobenzene | ND | mg/L | 1 | 0.005 | | 01-06-06 | 01-11-06 |
| S06009 | XG.2006.30.5 | 95-95-4 | 2,4,5-Trichlorophenol | ND | mg/L | 1 | 0.05 | | 01-06-06 | 01-11-06 |
| S06009 | XG.2006.30.5 | 88-06-2 | 2,4,6-Trichlorophenol | ND | mg/L | 1 | 0.05 | | 01-06-06 | 01-11-06 |
| S06009 | XG.2006.30.5 | 121-14-2 | 2,4-Dinitrotoluene | ND | mg/L | 1 | 0.05 | | 01-06-06 | 01-11-06 |
| S06009 | XG.2006.30.5 | 118-74-1 | Hexachlorobenzene | ND | mg/L | 1 | 0.005 | | 01-06-06 | 01-11-06 |
| S06009 | XG.2006.30.5 | 87-68-3 | Hexachlorobutadiene | ND | mg/L | 1 | 0.005 | | 01-06-06 | 01-11-06 |
| S06009 | XG.2006.30.5 | 67-72-1 | Hexachloroethane | ND | mg/L | 1 | 0.005 | | 01-06-06 | 01-11-06 |
| S06009 | XG.2006.30.5 | 108-39-4/108-44 | m-Cresol & p-Cresol | ND | mg/L | 1 | 0.005 | | 01-06-06 | 01-11-06 |
| S06009 | XG.2006.30.5 | 98-95-3 | Nitrobenzene | ND | mg/L | 1 | 0.005 | | 01-06-06 | 01-11-06 |
| S06009 | XG.2006.30.5 | 95-48-7 | o-Cresol | ND | mg/L | 1 | 0.005 | | 01-06-06 | 01-11-06 |
| S06009 | XG.2006.30.5 | 87-86-5 | Pentachlorophenol | ND | mg/L | 1 | 0.05 | | 01-06-06 | 01-11-06 |
| S06009 | XG.2006.30.5 | 110-86-1 | Pyridine | ND | mg/L | 1 | 0.05 | | 01-06-06 | 01-11-06 |

Sample: ***CELL #10*** Collected: *12-29-05 8:00:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0512618-0002A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | EJB | | |
| V06006 | XG.2006.45.8 | | Gasoline Range Organics | ND | mg/Kg | 1 | 0.55 | | 01-10-06 | 01-10-06 |
| **0512618-0002A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | EJB | | |
| V06006 | XG.2006.45.8 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 01-10-06 | 01-10-06 |
| V06006 | XG.2006.45.8 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 01-10-06 | 01-10-06 |
| V06006 | XG.2006.45.8 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 01-10-06 | 01-10-06 |
| V06006 | XG.2006.45.8 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 01-10-06 | 01-10-06 |
| V06006 | XG.2006.45.8 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 01-10-06 | 01-10-06 |
| **0512618-0002A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | IPM\RG | | |
| S06005 | XG.2006.26.21 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 01-04-06 | 01-05-06 |
| **0512618-0002B** | | **SW846 1311/3010A/6010B ICP TCLP** | | | | | By: | TGA | | |
| M06026 | MT.2006.74.51 | 7440-38-2 | Arsenic | ND | mg/L | 25 | 0.01 | | 01-10-06 | 01-11-06 |



*Report Date: 1/13/2006 4:17:44 PM*

Assaigai Analytical Laboratories, Inc.

# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**

Project: **1/4 TEST**

Order: **0512618** **JLF01** Receipt: **12-30-05**

Sample: ***CELL #10*** Collected: *12-29-05 8:00:00* By: *LMR*

Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0512618-0002B** | | **SW846 1311/3010A/6010B ICP TCLP** | | | | | By: TGA | | | |
| M06026 | MT.2006.74.51 | 7440-39-3 | Barium | 0.723 | mg/L | 25 | 0.01 | | 01-10-06 | 01-11-06 |
| M06026 | MT.2006.74.51 | 7440-43-9 | Cadmium | ND | mg/L | 25 | 0.005 | | 01-10-06 | 01-11-06 |
| M06026 | MT.2006.74.51 | 7440-47-3 | Chromium | ND | mg/L | 25 | 0.005 | | 01-10-06 | 01-11-06 |
| M06026 | MT.2006.74.51 | 7439-92-1 | Lead | ND | mg/L | 25 | 0.01 | | 01-10-06 | 01-11-06 |
| M06026 | MT.2006.74.51 | 7782-49-2 | Selenium | ND | mg/L | 25 | 0.01 | | 01-10-06 | 01-11-06 |
| M06026 | MT.2006.74.51 | 7440-22-4 | Silver | ND | mg/L | 25 | 0.02 | | 01-10-06 | 01-11-06 |
| **0512618-0002B** | | **SW846 1311/7470A CVAA TCLP** | | | | | By: MBR | | | |
| M06030 | MT.2006.67.14 | 7439-97-6 | Mercury | ND | mg/L | 1 | 0.0002 | | 01-11-06 | 01-11-06 |
| **0512618-0002B** | | **SW846 1311/8260B Purgeable VOCs by GC/MS TCLP** | | | | | By: CWJ | | | |
| V06007 | XG.2006.27.11 | 75-35-4 | 1,1 Dichloroethylene | ND | mg/L | 1 | 0.001 | | 01-09-06 | 01-09-06 |
| V06007 | XG.2006.27.11 | 107-06-2 | 1,2-Dichloroethane (EDC) | ND | mg/L | 1 | 0.002 | | 01-09-06 | 01-09-06 |
| V06007 | XG.2006.27.11 | 71-43-2 | Benzene | ND | mg/L | 1 | 0.001 | | 01-09-06 | 01-09-06 |
| V06007 | XG.2006.27.11 | 56-23-5 | Carbon tetrachloride | ND | mg/L | 1 | 0.001 | | 01-09-06 | 01-09-06 |
| V06007 | XG.2006.27.11 | 108-90-7 | Chlorobenzene | ND | mg/L | 1 | 0.001 | | 01-09-06 | 01-09-06 |
| V06007 | XG.2006.27.11 | 67-66-3 | Chloroform | ND | mg/L | 1 | 0.001 | | 01-09-06 | 01-09-06 |
| V06007 | XG.2006.27.11 | 78-93-3 | Methyl ethyl ketone | ND | mg/L | 1 | 0.005 | | 01-09-06 | 01-09-06 |
| V06007 | XG.2006.27.11 | 127-18-4 | Tetrachloroethylene | ND | mg/L | 1 | 0.002 | | 01-09-06 | 01-09-06 |
| V06007 | XG.2006.27.11 | 79-01-6 | Trichloroethylene | ND | mg/L | 1 | 0.001 | | 01-09-06 | 01-09-06 |
| V06007 | XG.2006.27.11 | 75-01-4 | Vinyl chloride | ND | mg/L | 1 | 0.005 | | 01-09-06 | 01-09-06 |
| **0512618-0002B** | | **SW846 1311/3510B/8270C SVOCs by GC/MS TCLP** | | | | | By: DS | | | |
| S06009 | XG.2006.30.8 | 106-46-7 | 1,4-Dichlorobenzene | ND | mg/L | 1 | 0.005 | | 01-06-06 | 01-11-06 |
| S06009 | XG.2006.30.8 | 95-95-4 | 2,4,5-Trichlorophenol | ND | mg/L | 1 | 0.05 | | 01-06-06 | 01-11-06 |
| S06009 | XG.2006.30.8 | 88-06-2 | 2,4,6-Trichlorophenol | ND | mg/L | 1 | 0.05 | | 01-06-06 | 01-11-06 |
| S06009 | XG.2006.30.8 | 121-14-2 | 2,4-Dinitrotoluene | ND | mg/L | 1 | 0.05 | | 01-06-06 | 01-11-06 |
| S06009 | XG.2006.30.8 | 118-74-1 | Hexachlorobenzene | ND | mg/L | 1 | 0.005 | | 01-06-06 | 01-11-06 |
| S06009 | XG.2006.30.8 | 87-68-3 | Hexachlorobutadiene | ND | mg/L | 1 | 0.005 | | 01-06-06 | 01-11-06 |
| S06009 | XG.2006.30.8 | 67-72-1 | Hexachloroethane | ND | mg/L | 1 | 0.005 | | 01-06-06 | 01-11-06 |
| S06009 | XG.2006.30.8 | 108-39-4/106-44 | m-Cresol & p-Cresol | ND | mg/L | 1 | 0.005 | | 01-06-06 | 01-11-06 |
| S06009 | XG.2006.30.8 | 98-95-3 | Nitrobenzene | ND | mg/L | 1 | 0.005 | | 01-06-06 | 01-11-06 |
| S06009 | XG.2006.30.8 | 95-48-7 | o-Cresol | ND | mg/L | 1 | 0.005 | | 01-06-06 | 01-11-06 |
| S06009 | XG.2006.30.8 | 87-86-5 | Pentachlorophenol | ND | mg/L | 1 | 0.05 | | 01-06-06 | 01-11-06 |
| S06009 | XG.2006.30.8 | 110-86-1 | Pyridine | ND | mg/L | 1 | 0.05 | | 01-06-06 | 01-11-06 |

*Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or footnotes will appear below.*

*Analytical results are not corrected for method blank or field blank contamination.*

MEMO: Please note that the samples were received at 15.7 degrees Celsius.



*Report Date: 1/13/2006 4:17:44 PM*

P.O. BOX 356, HOBBS, NM 88241-0356
TELE(505) 392-9697 FAX(505) 392-8537

J&L Landfarm, Inc.
Subject: 4th qtr/rcra tests
Cells #2 #10
Date: 1/27/2006

non-exempt cells:

exempt cells:
#2 #10

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|---|---|
| | DMS PENDING |
| | Active |
| | Soil Remedited |

| cell 1 | cell 2 | cell 3 | cell 4 | cell 5 | cell 6 | cell 7 | cell 8 | cell 9 |
|---|---|---|---|---|---|---|---|---|
| | x | | | | | | | |

| cell 10 | cell 11 | cell 12 | cell 13 | cell 14 | cell 15 | B-1 | | |
|---|---|---|---|---|---|---|---|---|
| x | | | | | | | | |
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505-220-3401

**ASSAIGAI ANALYTICAL LABORATORIES, INC.**

# Chain of Custody Record

4301 Masthead N.E.
ALBUQUERQUE, NEW MEXICO 87109
(505) 345-9964

3332 WEDGEWOOD
EL PASO, TEXAS 79925
(915) 593-6000

127 EASTGATE DRIVE, 212-C
LOS ALAMOS, NEW MEXICO 87544
(505) 662-2558

Lab Job No. 0512618 Date _____

Page _____ of _____

Client: T & L LANDFARM INC.
Address: P.O. Box 356
City / State / Zip: Hobbs, N Mex. 88240
Project Name / Number: 1/4 Test
Contract / Purchase Order / Quote _____

Project Manager / Contact: Lee M. Roberts
Telephone No.: 505-631-5765
Fax No.: 505-392-8537
Samplers : (signature): Lee M. Roberts

ANALYSIS REQUIRED

| Lab Sample Number | Client Sample Number | Date | Time | Matrix | Type / Size of Container | Preservative | Preservative | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0001AB | Cell # 2 | 12-29 | 11:30 | Soil | 8 oz glass | | None | 1 | X | X | | X | | | | | | |
| 0002AB | Cell # 10 | 12-29 | 3:00 | " | " | | " | 1 | X | X | | X | | | | | | |
| 0003 | | | | | | | | | | | | | | | | | | |
| 0004 | | | | | | | | | | | | | | | | | | |
| 0005 | | | | | | | | | | | | | | | | | | |
| 0006 | | | | | | | | | | | | | | | | | | |
| 0007 | | | | | | | | | | | | | | | | | | |
| 0008 | | | | | | | | | | | | | | | | | | |
| 0009 | | | | | | | | | | | | | | | | | | |
| 0010 | | | | | | | | | | | | | | | | | | |

| Relinquished by: | Date | Received by: | Relinquished by: | Date | Received by: |
|---|---|---|---|---|---|
| Signature: Lee M. Roberts | 12-29-05 | Signature: Skip Tabor | Signature: | 12/30/05 | Signature: [illegible] |
| Printed: LEE M. ROBERTS | Time | Printed: S. Tabor | Printed: | Time | Printed: M. Wrapp |
| Company: T & L LANDFARM | 830 AM. | Company: AAL | Company: | 1614 | Company: AAL |
| Reason: 1/4 TEST | | Reason: | Reason: | | Reason: Analysis |

Method of Shipment _____
Shipment No. _____
Special Instructions: _____

Comments: 15.7°C

After analysis, samples are to be:
- ☐ Disposed of (additional fee)
- ☐ Stored (30 days max)
- ☐ Stored over 30 days (additional fee)
- ☐ Returned to customer

ASSAIGAI PROJECT FILE

**ASSAIGAI ANALYTICAL LABORATORIES, INC.**

# Chain of Custody Record

4301 Masthead N.E.
ALBUQUERQUE, NEW MEXICO 87109
(505) 345-8964

3332 WEDGEWOOD
EL PASO, TEXAS 79925
(915) 593-6000

127 EASTGATE DRIVE, 212-C
LOS ALAMOS, NEW MEXICO 87544
(505) 662-2558

Lab job No. : _____ Date _____

Page _____ of _____

Client: T. L. Landfarm, Inc.
Address: P.O. Box 556
City / State / Zip: Hobbs, N.Mex. 88240
Project Name / Number: 1/4 Test
Contract / Purchase Order / Quote:

Project Manager / Contact: Ken M. Roberts
Telephone No.: 505 [illegible]
Fax No.: 505 [illegible]-2527
Samplers : (signature): [illegible]

Analysis Required

| AALI Fraction Number | Field Sample Number / Location | Date | Time | Sample Type | Type / Size of Container | Preservation Temp. | Preservation Chemical | No. of Containers | BTEX | TPH | [illegible] | Short TCLP | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | [illegible] | 12-29 | 1130 | Soil | 1 oz Glass | | [illegible] | 1 | X | X | | X | | | | | | | |
| | [illegible] 10 | 12-29 | 8:00 | | " | | " | 1 | X | X | | X | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
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OFFICE USE ONLY

| Relinquished by: | Date | Received by: | Relinquished by: | Date | Received by: |
|---|---|---|---|---|---|
| Signature: [illegible] | [illegible] | Signature: [illegible] | Signature: | | Signature: |
| Printed: Ken M. Roberts | | Printed: [illegible] | Printed: | | Printed: |
| Company: T. L. Landfarm | Time: [illegible] | Company: AAL | Company: | Time: | Company: |
| Reason: 1/4 Test | | Reason: | Reason: | | Reason: |

Method of Shipment: _____
Shipment No. _____
Special Instructions: _____

Comments: _____

After analysis, samples are to be:
- ☐ Disposed of (additional fee)
- ☐ Stored (30 days max)
- ☐ Stored over 30 days (additional fee)
- ☐ *Returned to customer*

FIELD FILE

# J&L LANDFARM, INC.

P.O. Box 356
Hobbs, New Mexico 88241-0356
Phone (505) 392-9697
Fax (505) 392-8537

October 27, 2005

NM Energy, Minerals & Natural
Resources Dept. (OCD)
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Subj: 3rd Qtr Analytical Cell Testing** NM-1-023

Attn: Ed Martin

Attached are copies of the required quarterly analytical testing for all active cells within J&L Landfarm, Inc. facility. Lab testing reports include TPH/B-TEX. Active cells are **#2, #10.**

Attached are analytical test results with chain of custody analysis request and the denoted sample collection area for each cell.

If you need other information, please call me at (505) 392-9697.

Sincerely,
Judy L. Roberts

Judy L. Roberts

xc Hobbs OCD

**ASSAIGAI ANALYTICAL LABORATORIES, INC.**
4301 Masthead NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259
3332 Wedgewood, Ste. N • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820
127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558

| Explanation of codes | |
|---|---|
| B | *Analyte Detected in Method Blank* |
| E | *Result is Estimated* |
| H | *Analyzed Out of Hold Time* |
| N | *Tentatively Identified Compound* |
| S | *Subcontracted* |
| 1-9 | *See Footnote* |

**J&L LAND FARM INC.**
attn: **LEE M. ROBERTS**
**PO BOX 356**
**HOBBS NM 88240**

STANDARD

*Assaigai Analytical Laboratories, Inc.*

# *Certificate of Analysis*

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST**
Order: **0509136 JLF01** Receipt: **09-06-05**

Desiree Salgado FOR
*William P. Biava: President of Assaigai Analytical Laboratories, Inc.*

Sample: ***CELL #2*** Collected: *09-06-05 9:00:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0509136-0001A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | TRS | | |
| V05276 | XG.2005.1495.18 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 09-16-05 | 09-16-05 |
| **0509136-0001A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| V05279 | XG.2005.1512.9 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 09-19-05 | 09-19-05 |
| V05279 | XG.2005.1512.9 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 09-19-05 | 09-19-05 |
| V05279 | XG.2005.1512.9 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 09-19-05 | 09-19-05 |
| V05279 | XG.2005.1512.9 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 09-19-05 | 09-19-05 |
| V05279 | XG.2005.1512.9 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 09-19-05 | 09-19-05 |
| **0509136-0001A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | JPM | | |
| S05274 | XG.2005.1429.119 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 09-09-05 | 09-11-05 |

Sample: ***CELL #10*** Collected: *09-06-05 9:05:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0509136-0002A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | TRS | | |
| V05278 | XG.2005.1503.8 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 09-19-05 | 09-19-05 |
| **0509136-0002A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| V05279 | XG.2005.1512.10 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 09-19-05 | 09-19-05 |
| V05279 | XG.2005.1512.10 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 09-19-05 | 09-19-05 |
| V05279 | XG.2005.1512.10 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 09-19-05 | 09-19-05 |


REPRODUCTION OF THIS REPORT IN LESS THAN FULL REQUIRES THE WRITTEN CONSENT OF AAL.
THIS REPORT MAY NOT BE USED IN ANY MANNER BY THE CLIENT OR ANY OTHER THIRD PARTY TO CLAIM
PRODUCT ENDORSEMENT BY THE NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM.

STANDARD

*Assaigai Analytical Laboratories, Inc.*

# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST**
Order: **0509136** **JLF01** Receipt: **09-06-05**

Sample: ***CELL #10*** Collected: *09-06-05 9:05:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0509136-0002A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| V05279 | XG.2005.1512.10 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 09-19-05 | 09-19-05 |
| V05279 | XG.2006.1512.10 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 09-19-05 | 09-19-05 |
| **0509136-0002A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | JPM | | |
| S05274 | XG.2005.1429.120 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 09-09-05 | 09-11-05 |

*Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.*

*Analytical results are not corrected for method blank or field blank contamination.*

J&L LANDFARM, INC.
P.O. BOX 356, HOBBS, NM 88241-0356
TELE(505) 392-9697 FAX(505) 392-8537

J&L Landfarm, Inc.
Subject: 3rd qtr test 2005
Cells #2 #10
Date: 10/25/2005

non-exempt cells:

exempt cells:
#2 #10

N
~~~
S

DMS PENDING
Active
Soil Remedited

| cell 1 | cell 2 | cell 3 | cell 4 | cell 5 | cell 6 | cell 7 | cell 8 | cell 9 |
|---|---|---|---|---|---|---|---|---|
| | x | | | | | | | |

| cell 10 | cell 11 | cell 12 | cell 13 | cell 14 | cell 15 | B-1 | | |
|---|---|---|---|---|---|---|---|---|
| x | | | | | | | | |
~~~

ASSAIGAI ANALYTICAL LABORATORIES, INC.

# Chain of Custody Record

4301 Masthead N.E.
ALBUQUERQUE, NEW MEXICO 87109
(505) 345-8964

3282 WEDGEWOOD
EL PASO, TEXAS 79925
(915) 590-6000

127 EASTGATE DRIVE, 213-C
LOS ALAMOS, NEW MEXICO 87544
(505) 662-2558

Lab Job No.: 0509136 Date:

Page 2 of 2

Client: T&L Landfarm Inc.
Address: P.O. Box 356
City / State / Zip: Hobbs N. Mex. 88240
Project Name / Number: 1/4 Test
Contract / Purchase Order / Quote:

Project Manager / Contact: Lee M. Roberts
Telephone No.: 505-631-5765
Fax No.:
Samplers (signature): Lee M. Roberts

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01A | 66 # 2 | 9-6-05 | 0900 | 1/2 | 1/2 gal | | None | 1 | X | X | | | | | | | | | |
| 02A | 66 # 10 | " | 0905 | 1 | | | | 1 | X | X | | | | | | | | | |
| 03 | | | | | | | | | | | | | | | | | | | |
| 04 | | | | | | | | | | | | | | | | | | | |
| 05 | | | | | | | | | | | | | | | | | | | |
| 06 | | | | | | | | | | | | | | | | | | | |
| 07 | | | | | | | | | | | | | | | | | | | |
| 08 | | | | | | | | | | | | | | | | | | | |
| 09 | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | |

| Relinquished by: | Date | Received by: | Relinquished by: | Date | Received by: |
|---|---|---|---|---|---|
| Signature: Lee M. Roberts | 9-6-05 | Signature: [illegible] | Signature: | 9/8/05 | Signature: [illegible] |
| Printed: Lee M. Roberts | Time: 930 A.M. | Printed: S. Taber | Printed: | Time: 11:32 | Printed: [illegible] |
| Company: T&L Landfarm | | Company: AAL | Company: | | Company: AAL |
| Reason: 1/4 Test | | Reason: | Reason: | | Reason: analysis |

Method of Shipment:
Shipment No.:
Special Instructions:

Comments: Cooler temp 4.6

After analysis, samples are to be:
- ☐ Disposed of (additional fee)
- ☐ Stored (30 days max)
- ☐ Stored over 30 days (additional fee)
- ☐ Returned to customer

ASSAIGAI PROJECT FILE

J&L LANDFARM, INC.

P.O. Box 356
Hobbs, New Mexico 88241-0356
Phone (505) 392-9697
Fax (505) 392-8537

July 29, 2005

NM Energy, Minerals & Natural
Resources Dept. (OCD)
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

NM-1-0023

**Subj: 2nd qtr Analytical Testing**

:

Attached are copies of the required quarterly analytical testing for all active cells within J&L Landfarm, Inc. facility. Lab testing reports include TPH/B-TEX. Active cells are**1,2,3,4,5,6,7,8,9,10.**

Attached are analytical test results with chain of custody analysis request and the denoted sample collection area for each cell.

If you need other information, please call me at (505) 392-9697.

Sincerely,

Judy L. Roberts

Judy L. Roberts

xc Hobbs OCD

J&L LANDFARM, INC.
P.O. BOX 356, HOBBS, NM 88241-0356
TELE(505) 392-9697 FAX(505) 392-8537

J&L Landfarm, Inc.
Subject: 2nd qtr/testing
Cells 1,2,3,4,5,6,7,8,9,10
Date: 7/29/2005

**non-exempt cells:**
3,4,7,8

**exempt cells:**
1,2,5,6,9,10

N
~~~
S

| | |
|---|---|
| | DMS PENDING |
| | Active |
| | Soil Remedited |

| cell 1 | cell 2 | cell 3 | cell 4 | cell 5 | cell 6 | cell 7 | cell 8 | cell 9 |
|---|---|---|---|---|---|---|---|---|
| x | x | x | x | x | x | x | x | x |

| cell 10 | cell 11 | cell 12 | cell 13 | cell 14 | cell 15 | B-1 | | |
|---|---|---|---|---|---|---|---|---|
| x | | | | | | | | |
~~~

**ASSAIGAI ANALYTICAL LABORATORIES, INC.**
4301 Masthead NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259
3332 Wedgewood, Ste. N • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820
127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558

| Explanation of codes | |
|---|---|
| B | *Analyte Detected in Method Blank* |
| E | *Result is Estimated* |
| H | *Analyzed Out of Hold Time* |
| N | *Tentatively Identified Compound* |
| S | *Subcontracted* |
| 1-9 | *See Footnote* |

**J&L LAND FARM INC.**
attn: **LEE M. ROBERTS**
**PO BOX 356**
**HOBBS NM 88240**

STANDARD

*Assaigai Analytical Laboratories, Inc.*

# *Certificate of Analysis*

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST CELL**
Order: **0506676 JLF01** Receipt: **06-27-05**

For *William P. Biava: President of Assaigai Analytical Laboratories, Inc.*

Sample: ***CELL #1*** Collected: *06-27-05 7:00:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0506676-01A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | TRS | | |
| V05110 | XG.2005.1038.5 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 07-01-05 | 07-01-05 |
| **0506676-01A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| V05108 | XG.2005.1039.5 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.5 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.5 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.5 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.5 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| **0506676-01A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | N/SDW | | |
| S05124 | XG.2005.1062.6 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 07-08-05 | 07-08-05 |

Sample: ***CELL #2*** Collected: *06-27-05 8:00:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0506676-02A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | TRS | | |
| V05110 | XG.2005.1038.6 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 07-01-05 | 07-01-05 |
| **0506676-02A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| V05108 | XG.2005.1039.6 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.6 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.6 | 95-47-6 | o-Xylene | 0.0060 | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |



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STANDARD

Assaigai Analytical Laboratories, Inc.

# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST CELL**
Order: **0506676 JLF01** Receipt: **06-27-05**

Sample: ***CELL #2*** Collected: *06-27-05 8:00:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0506676-02A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| V05108 | XG.2005.1039.8 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.8 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| **0506676-02A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | N/SDW | | |
| S05124 | XG.2005.1062.9 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 07-08-05 | 07-08-05 |

Sample: ***CELL #3*** Collected: *06-27-05 8:30:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0506676-03A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | TRS | | |
| V05110 | XG.2005.1038.9 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 07-01-05 | 07-01-05 |
| **0506676-03A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| V05108 | XG.2005.1039.9 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.9 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.9 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.9 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.9 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| **0506676-03A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | N/SDW | | |
| S05124 | XG.2005.1062.10 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 07-08-05 | 07-08-05 |

Sample: ***CELL #4*** Collected: *06-27-05 8:45:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0506676-04A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | TRS | | |
| V05110 | XG.2005.1038.10 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 07-01-05 | 07-01-05 |
| **0506676-04A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| V05108 | XG.2005.1039.10 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.10 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.10 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.10 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.10 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| **0506676-04A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | N/SDW | | |
| S05124 | XG.2005.1062.11 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 07-08-05 | 07-08-05 |

STANDARD

*Assaigai Analytical Laboratories, Inc.*

# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST CELL**
Order: **0506676 JLF01** Receipt: **06-27-05**

Sample: ***CELL #5*** Collected: *06-27-05 9:00:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0506676-05A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | TRS | | |
| V05110 | XG.2005.1038.11 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 07-01-05 | 07-01-05 |
| **0506676-05A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| V05108 | XG.2005.1039.11 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.11 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.11 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.11 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.11 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| **0506676-05A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | N/SDW | | |
| S05124 | XG.2005.1082.12 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 07-08-05 | 07-08-05 |

Sample: ***CELL #6*** Collected: *06-27-05 9:15:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0506676-06A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | TRS | | |
| V05110 | XG.2005.1038.12 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 07-01-05 | 07-01-05 |
| **0506676-06A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| V05108 | XG.2005.1039.12 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.12 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.12 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.12 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.12 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| **0506676-06A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | N/SDW | | |
| S05124 | XG.2005.1082.13 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 07-08-05 | 07-08-05 |

Sample: ***CELL #7*** Collected: *06-27-05 10:00:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0506676-07A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | TRS | | |
| V05123 | XG.2005.1066.5 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 07-08-05 | 07-08-05 |
| **0506676-07A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| V05108 | XG.2005.1039.14 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.14 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.14 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.14 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 07-01-05 | 07-01-05 |

STANDARD

Assaigai Analytical Laboratories, Inc.

# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST CELL**
Order: **0506676** **JLF01** Receipt: **06-27-05**

Sample: ***CELL #7*** Collected: *06-27-05 10:00:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0506676-07A** | | **SW846 5035B/8021B Purgeable VOCs by GC/FID** | | | | | By: | TRS | | |
| V05108 | XG.2005.1039.14 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| **0506676-07A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | N/SDW | | |
| S05124 | XG.2005.1052.16 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 07-08-05 | 07-08-05 |

Sample: ***CELL #8*** Collected: *06-27-05 10:15:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0506676-08A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | TRS | | |
| V05110 | XG.2005.1038.15 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 07-01-05 | 07-01-05 |
| **0506676-08A** | | **SW846 5035B/8021B Purgeable VOCs by GC/FID** | | | | | By: | TRS | | |
| V05108 | XG.2005.1039.15 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.15 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.15 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.15 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.15 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| **0506676-08A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | N/SDW | | |
| S05124 | XG.2005.1062.17 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 07-08-05 | 07-08-05 |

Sample: ***CELL #9*** Collected: *06-27-05 10:30:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0506676-09A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | TRS | | |
| V05110 | XG.2005.1038.16 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 07-01-05 | 07-01-05 |
| **0506676-09A** | | **SW846 5035B/8021B Purgeable VOCs by GC/FID** | | | | | By: | TRS | | |
| V05108 | XG.2005.1039.16 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.16 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.16 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.16 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.16 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| **0506676-09A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | N/SDW | | |
| S05124 | XG.2005.1062.18 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 07-08-05 | 07-08-05 |

STANDARD

**Assaigai Analytical Laboratories, Inc.**

# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST CELL**
Order: **0506676** **JLF01** Receipt: **06-27-05**

Sample: ***CELL #10*** Collected: *06-27-05 10:45:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0506676-10A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | TRS | | |
| V05110 | XG.2005.1038.17 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 07-01-05 | 07-01-05 |
| **0506676-10A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| V05108 | XG.2005.1039.17 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.17 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.17 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.17 | 108-38-3/108-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 07-01-05 | 07-01-05 |
| V05108 | XG.2005.1039.17 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 07-01-05 | 07-01-05 |
| **0506676-10A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | N/SDW | | |
| S05124 | XG.2005.1062.1B | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 07-08-05 | 07-08-05 |

*Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, is result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or footnotes will appear below.*

*Analytical results are not corrected for method blank or field blank contamination.*

ASSAIGAI ANALYTICAL LABORATORIES, INC.

# Chain of Custody Record

4301 Masthead N.E.
ALBUQUERQUE, NEW MEXICO 87109
(505) 345-8964

3332 WEDGEWOOD
EL PASO, TEXAS 79925
(915) 593-6000

127 EASTGATE DRIVE, 212-C
LOS ALAMOS, NEW MEXICO 87544
(505) 662-2558

Lab Job No. 0506076 Date ______
Page ______ of ______

Client: J & L LandFarm Inc.
Address: P.O. Box 356
City/State/Zip: Hobbs N Mex 88240
Project Name/Number: 1/4 test cell
Contract/Purchase Order/Quote: ______
Project Manager/Contact: Lee M. Roberts
Telephone No. 505-631-5765
Fax No. 505 392-8537
Samplers: (signature) Lee M. Roberts

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 01A | Cell # 1 | 6-27 | 7:00 | Soil | 4oz Glass | | | X | X |
| 02A | " # 2 | " | 8:00 | " | | | | X | X |
| 03A | " # 3 | " | 8:30 | " | | | | X | X |
| 04A | " # 4 | " | 8:45 | " | | | | X | X |
| 05A | " # 5 | " | 9:00 | " | | | | X | X |
| 06A | " # 6 | " | 9:15 | " | | | | X | X |
| 07A | " # 7 | " | 10:00 | " | | | | X | X |
| 08A | " # 8 | " | 10:15 | " | | | | X | X |
| 09A | " # 9 | " | 10:30 | " | | | | X | X |
| 10A | " # 10 | " | 10:45 | " | | | | X | X |
| [illegible] | — | | | | | | | X | X |

Relinquished by:
Signature: Lee M. Roberts
Printed: Lee M. Roberts
Company: J&L LandFarm
Reason: 1/4 test
Date: 6/27/05
Time: 10:45 PM

Received by:
Signature: [illegible]
Printed: S. Tabor
Company: AAL
Reason: Ship To Lab

Relinquished by:
Signature: [illegible]
Printed: [illegible]
Company: AAL-EP
Reason: Analysis
Date: 6-29-05
Time: 1018

Received by:
Signature: [illegible]
Printed: MAV
Company: AAL
Reason: Analysis

Method of Shipment: ______
Shipment No. ______
Special Instructions: ______

Comments: ______

After analysis, samples are to be:
- ☐ Disposed of (additional fee)
- ☐ Stored (30 days max)
- ☐ Stored over 30 days (additional fee)
- ☐ Returned to customer

ASSAIGAI PROJECT FILE

# J&L LANDFARM, INC.

P.O. Box 356
Hobbs, New Mexico 88241-0356
Phone (505) 392-9697
Fax (505) 392-8537

RECEIVED
MAY 1 6 2005
OIL CONSERVATION DIVISION

April 29, 2005

NM Energy, Minerals & Natural
Resources Dept. (OCD)
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Attn: Ed Martin

**Subj: 1st qtr Analytical Testing**

NM-1-023

Attached are copies of the required quarterly analytical testing for all active cells within J&L Landfarm, Inc. facility. Lab testing reports include TPH/B-TEX. Active cells are**1, 2,3,4,5,6,7,8,9,10.**

Attached are analytical test results with chain of custody analysis request and the denoted sample collection area for each cell.

If you need other information, please call me at (505) 393-9697.

Sincerely,

Judy L. Roberts

Judy L. Roberts

xc Hobbs OCD

**ASSAIGAI ANALYTICAL LABORATORIES, INC.**
4301 Masthead NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259
3332 Wedgewood, Ste. N • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820
127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558

| Explanation of codes | |
|---|---|
| B | *Analyte Detected in Method Blank* |
| E | *Result is Estimated* |
| H | *Analyzed Out of Hold Time* |
| N | *Tentatively Identified Compound* |
| S | *Subcontracted* |
| 1-9 | *See Footnote* |

**J&L LAND FARM INC.**
attn: **LEE M. ROBERTS**
**PO BOX 356**
**HOBBS NM 88240**

STANDARD

*Assaigai Analytical Laboratories, Inc.*

# *Certificate of Analysis*

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST CELL**
Order: **0504211 COD** Receipt: **04-07-05**

*William P. Biava: President of Assaigai Analytical Laboratories, Inc.*

Sample: ***CELL #1*** Collected: *04-07-05 14:00:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0504211-01A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | TRS | | |
| X05534 | XG.2005.636.5 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 04-13-05 | 04-13-05 |
| **0504211-01A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| X05548 | XG.2005.645.5 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.5 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.5 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.5 | 108-38-3/108-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.5 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| **0504211-01A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | MDE | | |
| X05584 | XG.2005.701.6 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 04-21-05 | 04-22-05 |

Sample: ***CELL #2*** Collected: *04-07-05 14:15:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0504211-02A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | TRS | | |
| X05534 | XG.2005.636.8 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 04-13-05 | 04-13-05 |
| **0504211-02A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| X05548 | XG.2005.645.8 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.8 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.8 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |



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THIS REPORT MAY NOT BE USED IN ANY MANNER BY THE CLIENT OR ANY OTHER THIRD PARTY TO CLAIM
PRODUCT ENDORSEMENT BY THE NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM.

STANDARD

*Assaigai Analytical Laboratories, Inc.*

# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST CELL**
Order: **0504211** **COD** Receipt: **04-07-05**

Sample: ***CELL #2*** Collected: *04-07-05 14:15:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0504211-02A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| X05548 | XG.2005.645.8 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.8 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| **0504211-02A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | MDE | | |
| X05584 | XG.2005.701.9 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 04-21-05 | 04-22-05 |

Sample: ***CELL #3*** Collected: *04-07-05 14:30:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0504211-03A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | TRS | | |
| X05534 | XG.2005.638.9 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 04-13-05 | 04-13-05 |
| **0504211-03A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| X05548 | XG.2005.645.9 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.9 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.9 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.9 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.9 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| **0504211-03A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | MDE | | |
| X05584 | XG.2005.701.10 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 04-21-05 | 04-22-05 |

Sample: ***CELL #4*** Collected: *04-07-05 14:45:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0504211-04A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | TRS | | |
| X05534 | XG.2005.638.10 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 04-13-05 | 04-13-05 |
| **0504211-04A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| X05548 | XG.2005.645.10 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.10 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.10 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.10 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.10 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| **0504211-04A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | MDE | | |
| X05584 | XG.2005.701.11 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 04-21-05 | 04-22-05 |

STANDARD

Assaigai Analytical Laboratories, Inc.

# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST CELL**
Order: **0504211** **COD** Receipt: **04-07-05**

Sample: ***CELL #5*** Collected: *04-07-05 14:50:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0504211-05A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | TRS | | |
| X05534 | XG.2005.636.11 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 04-13-05 | 04-13-05 |
| **0504211-05A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| X05548 | XG.2005.645.11 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.11 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.11 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.11 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.11 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| **0504211-05A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | MDE | | |
| X05584 | XG.2005.701.20 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 04-21-05 | 04-22-05 |

Sample: ***CELL #6*** Collected: *04-07-05 15:20:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0504211-06A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | TRS | | |
| X05534 | XG.2005.636.12 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 04-13-05 | 04-13-05 |
| **0504211-06A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| X05548 | XG.2005.645.12 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.12 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.12 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.12 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.12 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| **0504211-06A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | MDE | | |
| X05584 | XG.2005.701.13 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 04-21-05 | 04-22-05 |

Sample: ***CELL #7*** Collected: *04-07-05 15:40:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0504211-07A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | TRS | | |
| X05534 | XG.2005.636.14 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 04-13-05 | 04-13-05 |
| **0504211-07A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| X05548 | XG.2005.645.14 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.14 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.14 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.14 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 04-14-05 | 04-14-05 |

STANDARD

Assaigai Analytical Laboratories, Inc.

# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST CELL**
Order: **0504211** **COD** Receipt: **04-07-05**

Sample: ***CELL #7*** Collected: *04-07-05 15:40:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0504211-07A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | | By: TRS | | |
| X05548 | XG.2005.645.14 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| **0504211-07A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | | By: MDE | | |
| X05584 | XG.2005.701.16 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 04-21-05 | 04-22-05 |

Sample: ***CELL #8*** Collected: *04-07-05 16:00:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0504211-08A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | | By: TRS | | |
| X05534 | XG.2005.636.15 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 04-13-05 | 04-13-05 |
| **0504211-08A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | | By: TRS | | |
| X05548 | XG.2005.645.15 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.15 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.15 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.15 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.15 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| **0504211-08A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | | By: MDE | | |
| X05584 | XG.2005.701.17 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 04-21-05 | 04-22-05 |

Sample: ***CELL #9*** Collected: *04-07-05 16:30:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0504211-09A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | | By: TRS | | |
| X05534 | XG.2005.636.16 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 04-13-05 | 04-13-05 |
| **0504211-09A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | | By: TRS | | |
| X05548 | XG.2005.645.16 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.16 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.16 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.16 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.16 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| **0504211-09A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | | By: MDE | | |
| X05584 | XG.2005.701.18 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 04-21-05 | 04-22-05 |

STANDARD

Assaigai Analytical Laboratories, Inc.

# Certificate of Analysis

*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **J&L LAND FARM INC.**
Project: **1/4 TEST CELL**
Order: **0504211** **COD** Receipt: **04-07-05**

Sample: ***CELL #10*** Collected: *04-07-05 17:00:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0504211-10A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | TRS | | |
| X05545 | XG.2005.643.5 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 04-14-05 | 04-14-05 |
| **0504211-10A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| X05548 | XG.2005.645.17 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.17 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.17 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.17 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 04-14-05 | 04-14-05 |
| X05548 | XG.2005.645.17 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 04-14-05 | 04-14-05 |
| **0504211-10A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | MDE | | |
| X05584 | XG.2005.701.19 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 04-21-05 | 04-22-05 |

*Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or footnotes will appear below.*

*Analytical results are not corrected for method blank or field blank contamination.*

**ASSAIGAI ANALYTICAL LABORATORIES, INC.**

# Chain of Custody Record

4301 Masthead N.E.
ALBUQUERQUE, NEW MEXICO 87109
(505) 345-8964

3332 WEDGEWOOD
EL PASO, TEXAS 79925
(915) 593-5000

127 EASTGATE DRIVE, 212-C
LOS ALAMOS, NEW MEXICO 87544
(505) 662-2558

Lab Job No.: 0504711 Date: 4-7-05

Page 1 of 1

Client: T&L LAND FARM INC.
Address: P.O. Box 356
City / State / Zip: Hobbs, N.Mex. 88240
Project Name / Number: Yd test Cell
Contract / Purchase Order / Quote:

Project Manager / Contact: LEE M Roberts
Telephone No.: 505 631-5765
Fax No.: 505-392-8537
Samplers : (signature): Lee M. Roberts

Analysis Required

| AAL Sample Number | Field Sample Number / Location | Date | Time | Sampling Type | Matrix | Preservation Type | Preservation Chemical | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | Cell # 1 | 4-7 | 2:00 | Soil | 4oz Glass | | | | | X | X | | | | | | | | |
| [illegible] | " # 2 | " | 2:15 | | | | | | | X | X | | | | | | | | |
| [illegible] | " # 3 | " | 2:30 | | | | | | | X | X | | | | | | | | |
| [illegible] | " # 4 | " | 2:45 | | | | | | | X | X | | | | | | | | |
| [illegible] | " # 5 | " | 2:50 | | | | | | | X | X | | | | | | | | |
| [illegible] | " # 6 | " | 3:20 | | | | | | | X | X | | | | | | | | |
| [illegible] | " # 7 | " | 3:40 | | | | | | | X | X | | | | | | | | |
| [illegible] | " # 8 | " | 4:00 | | | | | | | X | X | | | | | | | | |
| [illegible] | " # 9 | " | 4:30 | | | | | | | X | X | | | | | | | | |
| [illegible] | " # 10 | " | 5:00 | | | | | | | X | X | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | |

| Relinquished by: | Date / Time | Received by: | Relinquished by: | Date / Time | Received by: |
|---|---|---|---|---|---|
| Signature: Lee M. Roberts | 4/7/05 | Signature: [illegible] | Signature: [illegible] | 4/11/05 | Signature: [illegible] |
| Printed: LEE M Roberts | Time: 3:00 P.M. | Printed: S. Roberts | Printed: S. Roberts | Time: 0930 | Printed: Margaret |
| Company: T&L Land Farm | | Company: AAL | Company: AAL | | Company: AAL |
| Reason: Yd Test | | Reason: ship to lab | Reason: Ad to Lab | | Reason: analysis |

Method of Shipment: TNMTD bus
Shipment No.:
Special Instructions:

Comments: Call customer if any results are elevated

After analysis, samples are to be:
- ☐ Disposed of (additional fee)
- ☐ Stored (30 days max)
- ☐ Stored over 30 days (additional fee)
- ☐ Returned to customer

ASSAIGAI PROJECT FILE

J&L LANDFARM, INC.

P.O. Box 356
Hobbs, New Mexico 88241-0356
Phone (505) 392-9697
Fax (505) 392-8537

RECEIVED

FEB 14 2005

OIL CONSERVATION
DIVISION

January 31, 2005

NM Energy, Minerals & Natural
Resources Dept. (OCD)
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Attn: Ed Martin**

**Subj: 4th qtr testing, 2004/RCRA Metal**

Mr. Martin:

Attached are copies of the required quarterly analytical testing for all active cells within J&L Landfarm, Inc. facility. Lab testing reports include TPH/B-TEX & annual RCRA Metal testing.

Attached are analytical test results with chain of custody analysis request and the denoted sample collection area for each cell.

If you need other information, please call me at (505) 392-9697

Sincerely,

Judy L. Roberts

Judy L. Roberts

xc Hobbs OCD

J&L Landfarm, Inc.

Subject: 1st qtr/2004

Cells 1,3,4,5,6,7,8,9,10

Date: 01/31/05

**non-exempt cells:**
3,4,7,8

**exempt cells:**
1,5,6,9,10

N
~~~
S

| | |
|---|---|
| | DMS PENDING |
| | Active |
| | Soil Remedited |

| cell 1 | cell 2 | cell 3 | cell 4 | cell 5 | cell 6 | cell 7 | cell 8 | cell 9 |
|---|---|---|---|---|---|---|---|---|
| x | | x | x | x | x | x | x | x |

| cell 10 | cell 11 | cell 12 | cell 13 | cell 14 | cell 15 | B-1 | | |
|---|---|---|---|---|---|---|---|---|
| x | | | | | | | | |
~~~

**ASSAIGAI ANALYTICAL LABORATORIES, INC.**
4301 Masthead NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259
3332 Wedgewood, Ste. N • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820
127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558

| Explanation of codes | |
|---|---|
| B | analyte detected in Method Blank |
| E | result is estimated |
| H | analyzed out of hold time |
| N | tentatively identified compound |
| S | subcontracted |
| 1-9 | see footnote |

**J&L LAND FARM INC.**
attn: **LEE M. ROBERTS**
**PO BOX 356**
**HOBBS** **NM 88240**

STANDARD

*Assaigai Analytical Laboratories, Inc.*

# *Certificate of Analysis*

William P. Bieva, President of Assaigai Analytical Laboratories, Inc.

Client: **J&L LAND FARM INC.**
Project: **1/4 CELL TEST**
Order: **0501022** **COD** Receipt: **12-29-04**

Sample: ***CELL #1*** Collected: *12-29-04 9:00:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0501022-01A** | | **SW846 3050B/6010B ICP** | | | | | | By: KDW | | |
| M0523 | MT.2005.73.71 | 7440-38-2 | Arsenic | ND | mg / Kg | 1 | 1.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.71 | 7440-39-3 | Barium | 28.3 | mg / Kg | 1 | 2.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.71 | 7440-43-9 | Cadmium | ND | mg / Kg | 1 | 0.25 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.71 | 7440-47-3 | Chromium | 4.2 | mg / Kg | 1 | 2.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.71 | 7439-92-1 | Lead | ND | mg / Kg | 1 | 5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.71 | 7782-49-2 | Selenium | ND | mg / Kg | 1 | 3 | | 01-10-05 | 01-13-05 |
| **0501022-01A** | | **SW846 3050B/7000 series AA-FL** | | | | | | By: KDW | | |
| M0523 | MT.2005.80.40 | 7440-22-4 | Silver | ND | mg / Kg | 1 | 0.5 | | 01-10-05 | 01-13-05 |
| **0501022-01A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | | By: TRS | | |
| X0516 | XG.2005.64.8 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 01-05-05 | 01-05-05 |
| **0501022-01A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | | By: TRS | | |
| X059 | XG.2005.40.18 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 01-04-05 | 01-04-05 |
| X059 | XG.2005.40.18 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 01-04-05 | 01-04-05 |
| X059 | XG.2005.40.18 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 01-04-05 | 01-04-05 |
| X059 | XG.2005.40.18 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 01-04-05 | 01-04-05 |
| X059 | XG.2005.40.18 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 01-04-05 | 01-04-05 |
| **0501022-01A** | | **SW846 7471B CVAA** | | | | | | By: BJM | | |
| M0561 | MT.2005.78.11 | 7439-97-6 | Mercury | ND | ug / Kg | 1 | 50 | | 01-14-05 | 01-14-05 |
| **0501022-01A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | | By: MDE | | |
| X0560 | XG.2005.63.11 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 01-12-05 | 01-12-05 |



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THIS REPORT MAY NOT BE USED IN ANY MANNER BY THE CLIENT OR ANY OTHER THIRD PARTY TO CLAIM
PRODUCT ENDORSEMENT BY THE NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM.

STANDARD

Assalgai Analytical Laboratories, Inc.

# Certificate of Analysis

Client: J&L LAND FARM INC.
Project: 1/4 CELL TEST
Order: 0501022 COD Receipt: 12-29-04

Sample: CELL #3 Collected: 12-29-04 9:10:00 By: LMR
Matrix: SOIL

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| 0501022-02A | | SW846 3050B/6010B ICP | | | | | By: | KDW | | |
| M0523 | MT.2005.73.78 | 7440-38-2 | Arsenic | ND | mg / Kg | 1 | 1.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.78 | 7440-39-3 | Barium | 29.3 | mg / Kg | 1 | 2.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.78 | 7440-43-9 | Cadmium | ND | mg / Kg | 1 | 0.25 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.78 | 7440-47-3 | Chromium | 4.2 | mg / Kg | 1 | 2.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.78 | 7439-92-1 | Lead | ND | mg / Kg | 1 | 5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.78 | 7782-49-2 | Selenium | ND | mg / Kg | 1 | 3 | | 01-10-05 | 01-13-05 |
| 0501022-02A | | SW846 3050B/7000 series AA-FL | | | | | By: | KDW | | |
| M0523 | MT.2005.60.47 | 7440-22-4 | Silver | ND | mg / Kg | 1 | 0.5 | | 01-10-05 | 01-13-05 |
| 0501022-02A | | SW846 5035B/8015B GRO by GC/FID | | | | | By: | TRS | | |
| X0549 | XG.2005.61.7 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.5 | | 01-12-05 | 01-12-05 |
| 0501022-02A | | SW846 5035B/8021B Purgeable VOCs by GC/PID | | | | | By: | TRS | | |
| X059 | XG.2005.40.19 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 01-04-05 | 01-04-05 |
| X059 | XG.2005.40.19 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 01-04-05 | 01-04-05 |
| X059 | XG.2005.40.19 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 01-04-05 | 01-04-05 |
| X059 | XG.2005.40.19 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 01-04-05 | 01-04-05 |
| X059 | XG.2005.40.19 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 01-04-05 | 01-04-05 |
| 0501022-02A | | SW846 7471B CVAA | | | | | By: | BJM | | |
| M0551 | MT.2005.78.15 | 7439-97-6 | Mercury | ND | ug / Kg | 1 | 50 | | 01-14-05 | 01-14-05 |
| 0501022-02A | | SW846 8015B Diesel Range Organics by GC/FID | | | | | By: | MDE | | |
| X0550 | XG.2005.63.14 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 01-12-05 | 01-12-05 |

Sample: CELL #4 Collected: 12-29-04 9:20:00 By: LMR
Matrix: SOIL

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| 0501022-03A | | SW846 3050B/6010B ICP | | | | | By: | KDW | | |
| M0523 | MT.2005.73.79 | 7440-38-2 | Arsenic | ND | mg / Kg | 1 | 1.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.79 | 7440-39-3 | Barium | 27.9 | mg / Kg | 1 | 2.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.79 | 7440-43-9 | Cadmium | ND | mg / Kg | 1 | 0.25 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.79 | 7440-47-3 | Chromium | 3.2 | mg / Kg | 1 | 2.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.79 | 7439-92-1 | Lead | ND | mg / Kg | 1 | 5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.79 | 7782-49-2 | Selenium | ND | mg / Kg | 1 | 3 | | 01-10-05 | 01-13-05 |
| 0501022-03A | | SW846 3050B/7000 series AA-FL | | | | | By: | KDW | | |
| M0523 | MT.2005.60.48 | 7440-22-4 | Silver | ND | mg / Kg | 1 | 0.5 | | 01-10-05 | 01-13-05 |
| 0501022-03A | | SW846 5035B/8015B GRO by GC/FID | | | | | By: | TRS | | |
| X0540 | XG.2005.63.13 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.5 | | 01-11-05 | 01-11-05 |

# Certificate of Analysis

Client: J&L LAND FARM INC.
Project: 1/4 CELL TEST
Order: 0501022 COD Receipt: 12-29-04

Sample: *CELL #6* Collected: *12-29-04 9:40:00* By: *LMR*
Matrix: *SOIL*

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0501022-05A** | | **SW846 3050B/6010B ICP** | | | | | By: | KDW | | |
| M0523 | MT.2005.73.81 | 7440-38-2 | Arsenic | ND | mg / Kg | 1 | 1.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.81 | 7440-39-3 | Barium | 29.8 | mg / Kg | 1 | 2.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.81 | 7440-43-9 | Cadmium | ND | mg / Kg | 1 | 0.25 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.81 | 7440-47-3 | Chromium | 6.8 | mg / Kg | 1 | 2.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.81 | 7439-92-1 | Lead | ND | mg / Kg | 1 | 5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.81 | 7782-49-2 | Selenium | ND | mg / Kg | 1 | 3 | | 01-10-05 | 01-13-05 |
| **0501022-05A** | | **SW846 3050B/7000 series AA-FL** | | | | | By: | KDW | | |
| M0523 | MT.2005.60.50 | 7440-22-4 | Silver | ND | mg / Kg | 1 | 0.5 | | 01-10-05 | 01-13-05 |
| **0501022-05A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | TRS | | |
| X0516 | XG.2005.64.10 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 01-05-05 | 01-05-05 |
| **0501022-05A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| X0544 | XG.2005.59.9 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.9 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.9 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.9 | 108-38-3/108-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.9 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| **0501022-05A** | | **SW846 7471B CVAA** | | | | | By: | BJM | | |
| M0551 | MT.2005.78.18 | 7439-97-6 | Mercury | ND | ug / Kg | 1 | 50 | | 01-14-05 | 01-14-05 |
| **0501022-05A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | MDE | | |
| X0550 | XG.2005.83.16 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 01-12-05 | 01-12-05 |

Sample: *CELL #7* Collected: *12-29-04 9:50:00* By: *LMR*
Matrix: *SOIL*

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0501022-06A** | | **SW846 3050B/6010B ICP** | | | | | By: | KDW | | |
| M0523 | MT.2005.73.82 | 7440-38-2 | Arsenic | ND | mg / Kg | 1 | 1.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.82 | 7440-39-3 | Barium | 26.0 | mg / Kg | 1 | 2.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.82 | 7440-43-9 | Cadmium | ND | mg / Kg | 1 | 0.25 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.82 | 7440-47-3 | Chromium | 3.4 | mg / Kg | 1 | 2.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.82 | 7439-92-1 | Lead | ND | mg / Kg | 1 | 5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.82 | 7782-49-2 | Selenium | ND | mg / Kg | 1 | 3 | | 01-10-05 | 01-13-05 |
| **0501022-06A** | | **SW846 3050B/7000 series AA-FL** | | | | | By: | KDW | | |
| M0523 | MT.2005.60.51 | 7440-22-4 | Silver | ND | mg / Kg | 1 | 0.5 | | 01-10-05 | 01-13-05 |
| **0501022-06A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | TRS | | |
| X0516 | XG.2005.64.11 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 01-05-05 | 01-05-05 |

STANDARD

Assaigai Analytical Laboratories, Inc.

# Certificate of Analysis

Client: J&L LAND FARM INC.
Project: 1/4 CELL TEST
Order: 0501022 COD Receipt: 12-29-04

Sample: CELL #4 Collected: 12-29-04 9:20:00 By: LMR
Matrix: SOIL

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| 0501022-03A | | SW846 5035B/8021B Purgeable VOCs by GC/PID | | | | | By: | TRS | | |
| X0544 | XG.2005.59.5 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.5 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.5 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.5 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.5 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| 0501022-03A | | SW846 7471B CVAA | | | | | By: | BJM | | |
| M0551 | MT.2005.78.16 | 7439-97-6 | Mercury | 480 | ug / Kg | 1 | 50 | | 01-14-05 | 01-14-05 |
| 0501022-03A | | SW846 8015B Diesel Range Organics by GC/FID | | | | | By: | MDE | | |
| X0550 | XG.2005.63.21 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 01-12-05 | 01-12-05 |

Sample: CELL #5 Collected: 12-29-04 9:30:00 By: LMR
Matrix: SOIL

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| 0501022-04A | | SW846 3050B/6010B ICP | | | | | By: | KDW | | |
| M0523 | MT.2005.73.60 | 7440-38-2 | Arsenic | ND | mg / Kg | 1 | 1.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.60 | 7440-39-3 | Barium | 31.6 | mg / Kg | 1 | 2.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.60 | 7440-43-9 | Cadmium | ND | mg / Kg | 1 | 0.25 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.60 | 7440-47-3 | Chromium | 5.3 | mg / Kg | 1 | 2.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.60 | 7439-92-1 | Lead | ND | mg / Kg | 1 | 5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.60 | 7782-49-2 | Selenium | ND | mg / Kg | 1 | 3 | | 01-10-05 | 01-13-05 |
| 0501022-04A | | SW846 3050B/7000 series AA-FL | | | | | By: | KDW | | |
| M0523 | MT.2005.60.49 | 7440-22-4 | Silver | ND | mg / Kg | 1 | 0.5 | | 01-10-05 | 01-13-05 |
| 0501022-04A | | SW846 5035B/8015B GRO by GC/FID | | | | | By: | TRS | | |
| X0516 | XG.2005.64.9 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 01-05-05 | 01-05-05 |
| 0501022-04A | | SW846 5035B/8021B Purgeable VOCs by GC/PID | | | | | By: | TRS | | |
| X0544 | XG.2005.59.8 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.8 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.8 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.8 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.8 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| 0501022-04A | | SW846 7471B CVAA | | | | | By: | BJM | | |
| M0551 | MT.2005.78.17 | 7439-97-6 | Mercury | ND | ug / Kg | 1 | 50 | | 01-14-05 | 01-14-05 |
| 0501022-04A | | SW846 8015B Diesel Range Organics by GC/FID | | | | | By: | MDE | | |
| X0550 | XG.2005.63.15 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 01-12-05 | 01-12-05 |

STANDARD

*Assaigai Analytical Laboratories, Inc.*

# *Certificate of Analysis*

Client: **J&L LAND FARM INC.**
Project: **1/4 CELL TEST**
Order: **0501022** **COD** Receipt: **12-29-04**

Sample: ***CELL #7*** Collected: *12-29-04 9:50:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0501022-06A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| X0544 | XG.2005.59.10 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.10 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.10 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.10 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.10 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| **0501022-06A** | | **SW846 7471B CVAA** | | | | | By: | BJM | | |
| M0551 | MT.2005.78.21 | 7439-97-6 | Mercury | ND | ug / Kg | 1 | 50 | | 01-14-05 | 01-14-05 |
| **0501022-06A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | MDE | | |
| X0550 | XG.2005.63.17 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 01-12-05 | 01-12-05 |

Sample: ***CELL #8*** Collected: *12-29-04 10:00:00* By: *LMR*
Matrix: ***SOIL***

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| **0501022-07A** | | **SW846 3050B/6010B ICP** | | | | | By: | KDW | | |
| M0523 | MT.2005.73.83 | 7440-38-2 | Arsenic | ND | mg / Kg | 1 | 1.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.83 | 7440-39-3 | Barium | 25.4 | mg / Kg | 1 | 2.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.83 | 7440-43-9 | Cadmium | ND | mg / Kg | 1 | 0.25 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.83 | 7440-47-3 | Chromium | 3.8 | mg / Kg | 1 | 2.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.83 | 7439-92-1 | Lead | ND | mg / Kg | 1 | 5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.83 | 7782-49-2 | Selenium | ND | mg / Kg | 1 | 3 | | 01-10-05 | 01-13-05 |
| **0501022-07A** | | **SW846 3050B/7000 series AA-FL** | | | | | By: | KDW | | |
| M0523 | MT.2005.60.52 | 7440-22-4 | Silver | ND | mg / Kg | 1 | 0.5 | | 01-10-05 | 01-13-05 |
| **0501022-07A** | | **SW846 5035B/8015B GRO by GC/FID** | | | | | By: | TRS | | |
| X0516 | XG.2005.64.12 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 01-05-05 | 01-05-05 |
| **0501022-07A** | | **SW846 5035B/8021B Purgeable VOCs by GC/PID** | | | | | By: | TRS | | |
| X0544 | XG.2005.59.11 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.11 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.11 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.11 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.11 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| **0501022-07A** | | **SW846 7471B CVAA** | | | | | By: | BJM | | |
| M0551 | MT.2005.78.22 | 7439-97-6 | Mercury | ND | ug / Kg | 1 | 50 | | 01-14-05 | 01-14-05 |
| **0501022-07A** | | **SW846 8015B Diesel Range Organics by GC/FID** | | | | | By: | MDE | | |
| X0550 | XG.2005.63.22 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 01-12-05 | 01-12-05 |

STANDARD

Assaigai Analytical Laboratories, Inc.

# Certificate of Analysis

Client: J&L LAND FARM INC.
Project: 1/4 CELL TEST
Order: 0501022 COD Receipt: 12-29-04

Sample: CELL #9 Collected: 12-29-04 10:10:00 By: LMR
Matrix: SOIL

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| 0501022-08A | | SW846 3050B/6010B ICP | | | | | | By: KDW | | |
| M0523 | MT.2005.73.86 | 7440-38-2 | Arsenic | ND | mg / Kg | 1 | 1.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.86 | 7440-39-3 | Barium | 38.3 | mg / Kg | 1 | 2.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.86 | 7440-43-9 | Cadmium | ND | mg / Kg | 1 | 0.25 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.86 | 7440-47-3 | Chromium | 5.2 | mg / Kg | 1 | 2.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.86 | 7439-92-1 | Lead | ND | mg / Kg | 1 | 5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.86 | 7782-49-2 | Selenium | ND | mg / Kg | 1 | 3 | | 01-10-05 | 01-13-05 |
| 0501022-08A | | SW846 3050B/7000 series AA-FL | | | | | | By: KDW | | |
| M0523 | MT.2005.60.53 | 7440-22-4 | Silver | ND | mg / Kg | 1 | 0.5 | | 01-10-05 | 01-13-05 |
| 0501022-08A | | SW846 5035B/8015B GRO by GC/FID | | | | | | By: TRS | | |
| X0525 | XG.2005.64.26 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.55 | | 01-06-05 | 01-06-05 |
| 0501022-08A | | SW846 5035B/8021B Purgeable VOCs by GC/PID | | | | | | By: TRS | | |
| X0544 | XG.2005.59.12 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.12 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.12 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.12 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.12 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| 0501022-08A | | SW846 7471B CVAA | | | | | | By: BJM | | |
| M0551 | MT.2005.78.23 | 7439-97-6 | Mercury | ND | ug / Kg | 1 | 50 | | 01-14-05 | 01-14-05 |
| 0501022-08A | | SW846 8015B Diesel Range Organics by GC/FID | | | | | | By: MDE | | |
| X0550 | XG.2005.63.18 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 01-12-05 | 01-12-05 |

Sample: CELL #10 Collected: 12-29-04 10:20:00 By: LMR
Matrix: SOIL

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| 0501022-09A | | SW846 3050B/6010B ICP | | | | | | By: KDW | | |
| M0523 | MT.2005.73.87 | 7440-38-2 | Arsenic | ND | mg / Kg | 1 | 1.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.87 | 7440-39-3 | Barium | 25.9 | mg / Kg | 1 | 2.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.87 | 7440-43-9 | Cadmium | ND | mg / Kg | 1 | 0.25 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.87 | 7440-47-3 | Chromium | 3.7 | mg / Kg | 1 | 2.5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.87 | 7439-92-1 | Lead | ND | mg / Kg | 1 | 5 | | 01-10-05 | 01-13-05 |
| M0523 | MT.2005.73.87 | 7782-49-2 | Selenium | ND | mg / Kg | 1 | 3 | | 01-10-05 | 01-13-05 |
| 0501022-09A | | SW846 3050B/7000 series AA-FL | | | | | | By: KDW | | |
| M0523 | MT.2005.60.56 | 7440-22-4 | Silver | ND | mg / Kg | 1 | 0.5 | | 01-10-05 | 01-13-05 |
| 0501022-09A | | SW846 5035B/8015B GRO by GC/FID | | | | | | By: TRS | | |
| X0540 | XG.2005.53.15 | | Gasoline Range Organics | ND | mg / Kg | 1 | 0.5 | | 01-11-05 | 01-11-05 |

STANDARD

Assaigai Analytical Laboratories, Inc.

# Certificate of Analysis

Client: J&L LAND FARM INC.
Project: 1/4 CELL TEST
Order: 0501022 COD Receipt: 12-29-04

Sample: CELL #10 Collected: 12-29-04 10:20:00 By: LMR
Matrix: SOIL

| QC Group | Run Sequence | CAS # | Analyte | Result | Units | Dilution Factor | Detection Limit | Code | Prep Date | Run Date |
|---|---|---|---|---|---|---|---|---|---|---|
| 0501022-09A | | SW846 5035B/8021B Purgeable VOCs by GC/PID | | | | | By: | TRS | | |
| X0544 | XG.2005.59.14 | 71-43-2 | Benzene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.14 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.14 | 95-47-6 | o-Xylene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.14 | 108-38-3/106-42 | p/m-Xylenes | ND | mg / Kg | 1 | 0.01 | | 01-11-05 | 01-11-05 |
| X0544 | XG.2005.59.14 | 108-88-3 | Toluene | ND | mg / Kg | 1 | 0.005 | | 01-11-05 | 01-11-05 |
| 0501022-09A | | SW846 7471B CVAA | | | | | By: | BJM | | |
| M0551 | MT.2005.78.24 | 7439-97-6 | Mercury | 54.2 | ug / Kg | 1 | 50 | | 01-14-05 | 01-14-05 |
| 0501022-09A | | SW846 8015B Diesel Range Organics by GC/FID | | | | | By: | MDE | | |
| X0550 | XG.2005.63.19 | | Diesel Range Organics | ND | mg / Kg | 1 | 25 | | 01-12-05 | 01-12-05 |

*Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.*

*Analytical results are not corrected for method blank or field blank contamination.*

ASSAIGAI ANALYTICAL LABORATORIES, INC.

# Chain of Custody Record

4301 Masthead N.E.
ALBUQUERQUE, NEW MEXICO 87109
(505) 345-8964

3352 WEDGEWOOD
EL PASO, TEXAS 79925
(915) 593-5000

127 EASTGATE DRIVE, 212-C
LOS ALAMOS, NEW MEXICO 87544
(505) 662-2558

Lab Job No.: 0501072 Date: _____

Page _____ of _____

Client: T&L LANDFARM INC. Project Manager / Contact: _____

Address: P.O. Box 356 Telephone No.: 505-631-5765

City / State / Zip: Hobbs, N. Mex 88240 Fax No.: 505-392-8537

Project Name / Number: 1/4 Cell Test Samplers : (signature) Lee M. Roberts

Contract / Purchase Order / Quote: _____

Analysis Requested

| Sample Number | Sample Number / Location | Date | Time | Matrix | Number of Containers | Preservative | | | | | | | | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 12/29 | 9:00 AM | | | | ice | | | X | X | X | | | | | | | | | |
| | Cell # 1 | | 0900 | Soil | 4oz glass | | | | | X | X | X | | | | | | | | | |
| | " # 3 | | 0910 | | | | | | | X | X | X | | | | | | | | | |
| | " # 4 | | 0920 | | | | | | | X | X | X | | | | | | | | | |
| | " # 5 | | 0930 | | | | | | | X | X | X | | | | | | | | | |
| | " # 6 | | 0940 | | | | | | | X | X | X | | | | | | | | | |
| | " # 7 | | 0950 | | | | | | | X | X | X | | | | | | | | | |
| | " # 8 | | 1000 | | | | | | | X | X | X | | | | | | | | | |
| | " # 9 | | 1010 | | | | | | | X | X | X | | | | | | | | | |
| | " # 10 | | 1020 | | | | | | | X | X | X | | | | | | | | | |

| Relinquished by: | Date | Received by: | Relinquished by: | Date | Received by: |
|---|---|---|---|---|---|
| Signature: Lee M. Roberts | 12/29/04 | Signature: [illegible] | Signature: | 1/3/5 | Signature: [illegible] |
| Printed: Lee M. Roberts | Time: 9:00 A.M. | Printed: S Tabor | Printed: | Time: 1100 | Printed: J Gardner |
| Company: T&L Landfarm | | Company: AAL | Company: | | Company: AAL |
| Reason: 1/4 Cell Test | | Reason: Ships to Lab | Reason: | | Reason: analysis |

Method of Shipment: TNM+O

Shipment No.: _____

Special Instructions: _____

Comments: Call customer any High results

After analysis, samples are to be:

- ☐ Disposed of (additional fee)
- ☐ Stored (30 days max)
- ☐ Stored over 30 days (additional fee)
- ☐ Returned to customer

ASSAIGAI PROJECT FILE

Jan 1 2001 5:57 P.08

# J&L LANDFARM, INC.

P.O. Box 356
Hobbs, New Mexico 88241-0356
Phone (505) 392-9697
Fax (505) 392-8537

April, 24, 2004

NM Energy, Minerals & Natural
Resources Dept. (OCD)
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Attn: Martyne Kieling**
**Environmental Geologist**
**Subj: 1st qtr testing, 2004**

Dear Ms. Kieling:

Attached are copies of the required quarterly analytical testing for all active cells within J&L Landfarm, Inc. facility. Lab testing reports include TPH/B-TEX. Active cells are**1,3,4,5,6,7,8,9,10.**

Attached are analytical test results with chain of custody analysis request and the denoted sample collection area for each cell.

If you need other information, please call me at (505) 393-9697.

Sincerely,

Judy L. Roberts

Judy L. Roberts

xc Hobbs OCD

J&L Landfarm, Inc.

Subject: 1st qtr/2004

Cells 1,3,4,5,6,7,8,9,10

Date: 4/24/2004

**non-exempt cells:**
3,4,7,8

**exempt cells:**
1,5,6,9,10

N

~~~

S

| | |
|---|---|
| | DMS PENDING |
| | Active |
| | Soil Remedited |

| cell 1 | cell 2 | cell 3 | cell 4 | cell 5 | cell 6 | cell 7 | cell 8 | cell 9 |
|---|---|---|---|---|---|---|---|---|
| x | | x | x | x | x | x | x | x |

| cell 10 | cell 11 | cell 12 | cell 13 | cell 14 | cell 15 | B-1 | | |
|---|---|---|---|---|---|---|---|---|
| x | | | | | | | | |
~~~

CARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J&L LANDFARM, INC.
ATTN: JUDY L. ROBERTS
P.O. BOX 356
HOBBS, NM 88240
FAX TO:

Receiving Date: 03/31/04
Reporting Date: 04/01/04
Project Number: NOT GIVEN
Project Name: 1/4 TEST
Project Location: LAND FARM

Sampling Date: 03/31/03
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

| LAB NUMBER | SAMPLE ID | TPH (mg/Kg) | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) |
|---|---|---|---|---|---|---|
| ANALYSIS DATE: | | 03/31/04 | 03/31/04 | 03/31/04 | 03/31/04 | 03/31/04 |
| H8580-1 | CELL #1 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8580-2 | CELL #3 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8580-3 | CELL #4 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8580-4 | CELL #5 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8580-5 | CELL #6 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8580-6 | CELL #7 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8580-7 | CELL #8 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8580-8 | CELL #9 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8580-9 | CELL #10 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| | | | | | | |
| Quality Control | | 247 | 0.092 | 0.091 | 0.090 | 0.271 |
| True Value QC | | 240 | 0.100 | 0.100 | 0.100 | 0.300 |
| % Recovery | | 103 | 91.87 | 91.2 | 90.4 | 90.5 |
| Relative Percent Difference | | 4.0 | 1.5 | 3.2 | 3.9 | 1.9 |

METHODS: TRPHC-EPA 600/4-79-020 418.1; BTEX -EPA SW-846 8260

Burgess J. A. Cooke, Ph. D.

4/1/04
Date

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

H8580.XLS

# CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page____ of ____

| | |
|---|---|
| Company Name: | J & L Landfarm Inc. |
| Project Manager: | Judy L Roberts |
| Address: | P.O. Box 356 |
| City: | Hobbs State: NM Zip: 88240 |
| Phone #: | 505-392-9697 Fax #: |
| Project #: | Project Owner: |
| Project Name: | 1/4 Test |
| Project Location: | Landfarm |
| Sampler Name: | Lee M. Roberts |

**BILL TO**

| | |
|---|---|
| P.O. #: | |
| Company: | SAME |
| Attn: | |
| Address: | |
| City: | |
| State: | Zip: |
| Phone #: | |
| Fax #: | |

**ANALYSIS REQUEST**

| FOR LAB USE ONLY Lab I.D. | Sample I.D. Cells | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | CRUDE OIL | SLUDGE | OTHER: | PRESERV.: ACID/BASE: | ICE / COOL | OTHER: | SAMPLING: DATE | TIME | B-Tex | T.P.H. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H8580-1 | #1 | | | | | ✓ | | | | | | | 3/31/04 | | X | X |
| -2 | #3 | | | | | | | | | | | | | | X | X |
| -3 | #4 | | | | | | | | | | | | | | X | X |
| -4 | #5 | | | | | | | | | | | | | | X | X |
| -5 | #6 | | | | | | | | | | | | | | X | X |
| -6 | #7 | | | | | | | | | | | | | | X | X |
| -7 | #8 | | | | | | | | | | | | | | X | X |
| -8 | #9 | | | | | | | | | | | | | | X | X |
| -9 | #10 | | | | | ✓ | | | | | | | | | X | X |

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Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

| | | | |
|---|---|---|---|
| Sampler Relinquished: Lee M. Roberts | Date: 3/31/04 Time: 11:00 AM | Received By: | |
| Relinquished By: | Date: Time: 1:45 PM | Received By: (Lab Staff) | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | Sample Condition Cool: ☒ Yes ☐ No Intact: ☒ Yes ☐ No | CHECKED BY: (Initials) |

| | | | |
|---|---|---|---|
| Phone Result: | ☐ Yes | ☐ No | Add'l Phone #: |
| Fax Result: | ☐ Yes | ☐ No | Add'l Fax #: |
| REMARKS: | | | |

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

J&L LANDFARM, INC.

RECEIVED

AUG 1 6 2004

OIL CONSERVATION
DIVISION

P.O. Box 356
Hobbs, New Mexico 88241-0356
Phone (505) 392-9697
Fax (505) 392-8537

July 29, 2004

NM Energy, Minerals & Natural
Resources Dept. (OCD)
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

NM-1-0023

**Subj: 2nd qtr Analytical Testing**

:

Attached are copies of the required quarterly analytical testing for all active cells within J&L Landfarm, Inc. facility. Lab testing reports include TPH/B-TEX. Active cells are**1,3,4,5,6,7,8,9,10.**

Attached are analytical test results with chain of custody analysis request and the denoted sample collection area for each cell.

If you need other information, please call me at (505) 393-9697.

Sincerely,

Judy L. Roberts

Judy L. Roberts

xc Hobbs OCD

CARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J&L LANDFARM
ATTN: JUDY L. ROBERTS
P.O. BOX 356
HOBBS, NM 88241
FAX TO:

Receiving Date: 07/07/04
Reporting Date: 07/09/04
Project Number: NOT GIVEN
Project Name: 1/4 CELL TEST
Project Location: NOT GIVEN

Sampling Date: 07/07/04
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

| LAB NUMBER | SAMPLE ID | TPH (mg/Kg) | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) |
|---|---|---|---|---|---|---|
| ANALYSIS DATE: | | 07/08/04 | 07/08/04 | 07/08/04 | 07/08/04 | 07/08/04 |
| H8882-1 | CELL #1 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8882-2 | CELL #3 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8882-3 | CELL #4 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8882-4 | CELL #5 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8882-5 | CELL #6 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8882-6 | CELL #7 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8882-7 | CELL #8 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8882-8 | CELL #9 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8882-9 | CELL #10 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| | | | | | | |
| Quality Control | | 223 | 0.106 | 0.102 | 0.091 | 0.271 |
| True Value QC | | 240 | 0.100 | 0.100 | 0.100 | 0.300 |
| % Recovery | | 92.8 | 106 | 102 | 91.2 | 90.5 |
| Relative Percent Difference | | 5.4 | 2.0 | 3.9 | 3.1 | 1.5 |

METHODS: TRPHC-EPA 600/4-79-020 418.1; BTEX -EPA SW-846 8260

Burgess J. A. Cooke, Ph. D.

7/9/04
Date

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

J&L Landfarm, Inc.

Subject: 2nd qtr/testing

Cells 1,3,4,5,6,7,8,9,10

Date: 7/29/2004

**non-exempt cells:**
3,4,7,8

**exempt cells:**
1,5,6,9,10

N

~~~

S

| | |
|---|---|
| | DMS PENDING |
| | Active |
| | Soil Remedited |

| cell 1 | cell 2 | cell 3 | cell 4 | cell 5 | cell 6 | cell 7 | cell 8 | cell 9 |
|---|---|---|---|---|---|---|---|---|
| x | | x | x | x | x | x | x | x |

| cell 10 | cell 11 | cell 12 | cell 13 | cell 14 | cell 15 | B-1 | | |
|---|---|---|---|---|---|---|---|---|
| x | | | | | | | | |
~~~

# CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | |
|---|---|
| Company Name: | J & L Landfarm Inc. |
| Project Manager: | Judy L. Roberts |
| Address: | P.O. Box 354 |
| City: | Hobbs, State: N.M. Zip: 88241 |
| Phone #: | 505-392-9697 Fax #: |
| Project #: | Project Owner: |
| Project Name: | 1/4 Cell Test |
| Project Location: | |
| Sampler Name: | Lee M. Roberts |

**BILL TO**

| | |
|---|---|
| P.O. #: | |
| Company: | |
| Attn: | |
| Address: | SAME |
| City: | |
| State: | Zip: |
| Phone #: | |
| Fax #: | |

**ANALYSIS REQUEST**: BTEX, 418.1

| FOR LAB USE ONLY Lab I.D. | Sample I.D. Cell # | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | PRESERV.: ACID/BASE: | ICE / COOL | OTHER: | SAMPLING: DATE | TIME | BTEX, 418.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H8882-1 | #1 | | | | | X | | | | | | | 7/7/04 | | X |
| -2 | #3 | | | | | X | | | | | | | | | X |
| -3 | #4 | | | | | X | | | | | | | | | X |
| -4 | #5 | | | | | X | | | | | | | | | X |
| -5 | #6 | | | | | X | | | | | | | | | X |
| -6 | #7 | | | | | X | | | | | | | | | X |
| -7 | #8 | | | | | X | | | | | | | | | X |
| -8 | #9 | | | | | X | | | | | | | | | X |
| -9 | #10 | | | | | X | | | | | | | | | X |

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

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

| | | | |
|---|---|---|---|
| Sampler Relinquished: Lee M. Roberts | Date: 7-7-04 Time: 2:00 PM | Received By: | Phone Result: ☐ Yes ☐ No |
| | | | Fax Result: ☐ Yes ☐ No |
| Relinquished By: | Date: Time: | Received By: (Lab Staff) Burgess A. Cobb | REMARKS: |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | Sample Condition Temp. °C / Intact? ☐ Yes ☐ No | Checked By: (Initials) |

† Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.

# J&L LANDFARM, INC.

P.O. Box 356
Hobbs, New Mexico 88241-0356
Phone (505) 392-9697
Fax (505) 392-8537

January 13, 2004

NM Energy, Minerals & Natural
Resources Dept. (OCD)
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Attn: Martyne Kieling**
**Environmental Geologist**
**Subj: 4th qtr cell testing, 2003**

Dear Ms. Kieling:

Attached are copies of the required quarterly analytical testing for all active cells within J&L Landfarm, Inc. facility. Lab testing reports include TPH/B-TEX. Active cells are **1, 6, 7, 8, 9, and 10.** Active cells were also tested for RCRA Metals, as required annually.

Attached are analytical test results with chain of custody analysis request and the denoted sample collection area for each cell.

If you need other information, please call me at (505) 393-9697.

Sincerely,

Judy L. Roberts

Judy L. Roberts

xc Hobbs OCD

# CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | |
|---|---|
| Company Name: J & L. LANDFARM INC. | BILL TO |
| Project Manager: LEE M. ROBERTS | P.O. #: |
| Address: P.O. BOX 356 | Company: |
| City: Hobbs State: N.M. Zip: 88240 | Attn: SAME |
| Phone #: 505-392-9697 Fax #: | Address: |
| Project #: Project Owner: | City: |
| Project Name: 1/4 TESTING | State: Zip: |
| Project Location: SAME | Phone #: |
| Sampler Name: LEE M. ROBERTS | Fax #: |

| FOR LAB USE ONLY Lab I.D. | Sample I.D. OCD # | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | CRUDE OIL | SLUDGE | OTHER: | PRESERV.: ACID/BASE: | ICE / COOL | OTHER: | SAMPLING DATE | TIME | ANALYSIS REQUEST: TPH | BTEX | RCRA METALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H8299-1 | # 1 | | | | | | | | | | | | 12/24/03 | | ✓ | ✓ | ✓ |
| -2 | # 6 | | | | | | | | | | | | | | ✓ | ✓ | ✓ |
| -3 | # 7 | | | | | | | | | | | | | | ✓ | ✓ | ✓ |
| -4 | # 8 | | | | | | | | | | | | | | ✓ | ✓ | ✓ |
| -5 | # 9 | | | | | | | | | | | | | | ✓ | ✓ | ✓ |
| -6 | # 10 | | | | | | | | | | | | | | ✓ | ✓ | ✓ |

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Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

| | | |
|---|---|---|
| Sampler Relinquished: Lee M. Roberts | Date: 12/24/03 Time: 1:30 p.m. | Received By: |
| Relinquished By: | Date: Time: | Received By: (Lab Staff) Amy Hill |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | Sample Condition Cool: ☑ Yes ☐ No Intact: ☐ Yes ☐ No | CHECKED BY: (Initials) |

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:
REMARKS:

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

CARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J& L LANDFARM, INC.
ATTN: LEE ROBERTS
P.O. BOX 356
HOBBS, NM 88241
FAX TO:

Receiving Date: 12/29/03
Reporting Date: 12/31/03
Project Number: NOT GIVEN
Project Name: 1/4 TESTING
Project Location: SAME

Analysis Date: 12/30/03
Sampling Date: 12/29/03
Sample Type: SOIL
Sample Condition: COOL AND INTACT
Sample Received By: AH
Analyzed By: AH

| LAB NUMBER | SAMPLE ID | TPH (ppm) |
|---|---|---|
| H8299-1 | CELL #1 | <10 |
| H8299-2 | CELL #6 | <10 |
| H8299-3 | CELL #7 | <10 |
| H8299-4 | CELL #8 | <10 |
| H8299-5 | CELL #9 | <10 |
| H8299-6 | CELL #10 | <10 |
| | | |
| Quality Control | | 243 |
| True Value QC | | 240 |
| % Recovery | | 101 |
| Relative Percent Difference | | 4.6 |

METHOD: EPA 418.1, 3510, 3540, or 3550; Infared Spectroscopy

Amy Hill
Chemist

12/31/03
Date

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H8299t

CARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J&L LANDFARM, INC.
ATTN: LEE M. ROBERTS
P.O. BOX 356
HOBBS, NM 88241
FAX TO:

Receiving Date: 12/29/03
Reporting Date: 01/06/04
Project Number: NOT GIVEN
Project Name: 1/4 TESTING
Project Location: J&L LANDFARM

Sampling Date: 12/29/03
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

| LAB NUMBER | SAMPLE ID | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) |
|---|---|---|---|---|---|
| ANALYSIS DATE | | 01/05/04 | 01/05/04 | 01/05/04 | 01/05/04 |
| H8299-1 | CELL #1 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8299-2 | CELL #6 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8299-3 | CELL #7 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8299-4 | CELL #8 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8299-5 | CELL #9 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8299-6 | CELL #10 | <0.005 | <0.005 | <0.005 | <0.015 |
| | | | | | |
| Quality Control | | 0.095 | 0.099 | 0.096 | 0.295 |
| True Value QC | | 0.100 | 0.100 | 0.100 | 0.300 |
| % Recovery | | 95.2 | 98.9 | 96.1 | 98.4 |
| Relative Percent Difference | | 3.4 | 1.7 | 3.6 | 5.3 |

METHOD: EPA SW-846 8260

Chemist

1/6/03
Date

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

CARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J& L LANDFARM, INC.
ATTN: LEE ROBERTS
P.O. BOX 356
HOBBS, NM 88241
FAX TO:

Receiving Date: 12/29/03
Reporting Date: 12/31/03
Project Number: NOT GIVEN
Project Name: 1/4 TESTING
Project Location: SAME

Sampling Date: 12/29/03
Sample Type: SOIL
Sample Condition: COOL AND INTACT
Sample Received By: AH
Analyzed By: AH

RCRA METALS

| LAB NUMBER SAMPLE ID | As ppm | Ag ppm | Ba ppm | Cd ppm | Cr ppm | Pb ppm | Hg ppm | Se ppm |
|---|---|---|---|---|---|---|---|---|
| ANALYSIS DATE: | 12/30/03 | 12/31/03 | 12/31/03 | 12/31/03 | 12/31/03 | 12/31/03 | 12/31/03 | 12/30/03 |
| H8299-1 CELL #1 | <1 | 3.50 | <1 | <1 | 1.10 | 13.4 | <0.1 | <1 |
| H8299-2 CELL #6 | <1 | 2.75 | <1 | <1 | 1.30 | 15.1 | <0.1 | <1 |
| H8299-3 CELL #7 | <1 | 2.10 | <1 | <1 | 1.75 | 16.4 | <0.1 | <1 |
| H8299-4 CELL #8 | <1 | 2.30 | <1 | <1 | 2.35 | 18.2 | <0.1 | <1 |
| H8299-5 CELL #9 | <1 | 2.05 | <1 | <1 | 1.70 | 16.8 | <0.1 | <1 |
| H8299-6 CELL #10 | <1 | 2.05 | <1 | <1 | <1 | 18.2 | <0.1 | <1 |
| Quality Control | 0.049 | 4.956 | 24.74 | 0.893 | 4.923 | 4.703 | 0.0104 | 0.150 |
| True Value QC | 0.050 | 5.000 | 25.00 | 1.000 | 5.000 | 5.000 | 0.0100 | 0.150 |
| % Recovery | 98.0 | 99.1 | 99.0 | 89.3 | 98.5 | 94.1 | 104 | 100 |
| Relative Percent Difference | 0.3 | 0.3 | 2.6 | 0.2 | 0.7 | 0.2 | 4.0 | 5.8 |
| METHODS: EPA 600/4-79-020 | 206.2 | 272.1 | 208.1 | 213.1 | 218.1 | 239.1 | 245.1 | 270.2 |
| METHODS: SW-846 | 7060A | 7760A | 7080A | 7130 | 7190 | 7420 | 7470A | 7740 |

Amy Hill
Chemist

12/31/03
Date

H8299

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

J&L Landfarm, Inc.

Subject: 4th qtr

Cells B-1,1,7,8,9,10,11,12,13,14,15

Date: 1/13/2004

**non-exempt cells:**

7,8

**exempt cells:**

1,6,9,10

N

~~~

S

| | |
|---|---|
| | DMS PENDING |
| | Active |
| | Inactive |

| cell 1 | cell 2 | cell 3 | cell 4 | cell 5 | cell 6 | cell 7 | cell 8 | cell 9 |
|---|---|---|---|---|---|---|---|---|
| x | | | | | x | x | x | x |

| cell 10 | cell 11 | cell 12 | cell 13 | cell 14 | cell 15 | B-1 | | |
|---|---|---|---|---|---|---|---|---|
| x | | | | | | | | |
~~~

J&L LANDFARM, INC.

RECEIVED

DEC 03 2003

OIL CONSERVATION
DIVISION

P.O. Box 356
Hobbs, New Mexico 88241-0356
Phone (505) 393-9697
Fax (505) 393-8537

October 1, 2003

NM Energy, Minerals & Natural
Resources Dept. (OCD)
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Attn: Martyne Kieling**
**Environmental Geologist**
**Subj: 3rd qtr cell testing, 2003**

Dear Ms. Kieling:

Attached are copies of the required quarterly analytical testing for all active cells within J&L Landfarm, Inc. facility. Lab testing reports include TPH/B-TEX. **Active cells are B-1, 1, 6, 7, 8, 9, 10, 11, 13, 14, 15.**

Attached are analytical test results with chain of custody analysis request and the denoted sample collection area for each cell.

If you need other information, please call me at (505) 393-9697.

Sincerely,

Judy L. Roberts

Judy L. Roberts

xc Hobbs OCD

CARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J&L LANDFARM, INC.
ATTN: JUDY ROBERTS
P.O. BOX 356
HOBBS, NM 88241
FAX TO:

Receiving Date: 10/23/03
Reporting Date: 10/24/03
Project Number: NOT GIVEN
Project Name: 1/4 TEST
Project Location: LANDFARM

Sampling Date: 10/23/03
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

| LAB NUMBER | SAMPLE ID | TPH (mg/Kg) | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) |
|---|---|---|---|---|---|---|
| ANALYSIS DATE: | | 10/23/03 | 10/23/03 | 10/23/03 | 10/23/03 | 10/23/03 |
| H8108-1 | CELL #1 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8108-2 | CELL #6 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8108-3 | CELL #7 | 48.8 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8108-4 | CELL #8 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8108-5 | CELL #9 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8108-6 | CELL #10 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8108-7 | CELL #13 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8108-8 | CELL #14 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8108-9 | CELL #15 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H8108-10 | CELL #B-1 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| | | | | | | |
| Quality Control | | 241 | 0.102 | 0.095 | 0.090 | 0.266 |
| True Value QC | | 240 | 0.100 | 0.100 | 0.100 | 0.300 |
| % Recovery | | 100 | 102 | 94.9 | 90.2 | 88.8 |
| Relative Percent Difference | | 7.1 | 4.8 | 4.7 | 4.1 | 3.8 |

METHODS: TRPHC-EPA 600/4-79-020 418.1; BTEX -EPA SW-846 8260

Burgess J. A. Cooke, Ph. D.

10/24/03
Date

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

J&L Landfarm, Inc.

Subject: 3rd qtr

Cells B-1,1,7,8,9,10,11,12,13,14,15

Date: 10/1/2003

**non-exempt cells:**
7, 8

**exempt cells:**
B-1,1, 9, 10,11,12,13,14,15

N

~~~

S

| | |
|---|---|
| | DMS PENDING |
| | Active |
| | DMS |

| cell 1 | cell 2 | cell 3 | cell 4 | cell 5 | cell 6 | cell 7 | cell 8 | cell 9 |
|---|---|---|---|---|---|---|---|---|
| x | | | | | | x | x | x |

| cell 10 | cell 11 | cell 12 | cell 13 | cell 14 | cell 15 | B-1 | | |
|---|---|---|---|---|---|---|---|---|
| x | x | x | x | x | x | x | | |
~~~

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**CARDINAL LABORATORIES, INC.**

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

H8108 Page 1 of 1

| | |
|---|---|
| Company Name: | T&L LANDFARM INC |
| Project Manager: | Judy Roberts |
| Address: | P.O. Box 356 |
| City: | Hobbs State: NM Zip: 88240 |
| Phone #: | 505-392-9697 |
| Fax #: | |
| Project #: | Project Owner: |
| Project Name: | 1/4 TEST |
| Project Location: | LANDFARM |

| BILL TO | |
|---|---|
| PO #: | |
| Company: | SAME |
| Attn: | |
| Address: | |
| City: | |
| State: | Zip: |
| Phone #: | |
| Fax #: | |

ANALYSIS REQUEST

| FOR LAB USE ONLY LAB I.D. | Sample I.D. Cells | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | PRES.: ACID: | ICE / COOL | OTHER: | SAMPLING: DATE | TIME | TPH418.1 | BTEX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H8108-1 | # 1 | G | 1 | | | ✓ | | | | | | | 10/23 | | ✓ | ✓ |
| -2 | # 6 | G | 1 | | | ✓ | | | | | | | | | ✓ | ✓ |
| -3 | # 7 | G | 1 | | | ✓ | | | | | | | | | ✓ | ✓ |
| -4 | # 8 | G | 1 | | | ✓ | | | | | | | | | ✓ | ✓ |
| -5 | # 9 | G | 1 | | | ✓ | | | | | | | | | ✓ | ✓ |
| -6 | # 10 | G | 1 | | | ✓ | | | | | | | | | ✓ | ✓ |
| -7 | # 13 | G | 1 | | | ✓ | | | | | | | | | ✓ | ✓ |
| -8 | # 14 | G | 1 | | | ✓ | | | | | | | | | ✓ | ✓ |
| -9 | # 15 | G | 1 | | | ✓ | | | | | | | | | ✓ | ✓ |
| -10 | # B-1 | G | 1 | | | ✓ | | | | | | | | | ✓ | ✓ |

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

**Terms and Conditions:** Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

| | | |
|---|---|---|
| Sampler Relinquished: Lee W. Roberts | Date: 10-23-03 Time: 11:00 AM | Received By: |
| Relinquished By: | Date: 10/23/03 Time: | Received By: (Lab Staff) Amy Hill |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | Sample Condition Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No | CHECKED BY: (Initials) |

Phone Result ☐ Yes ☐ No Additional Fax #:
Fax Result: ☐ Yes ☐ No
REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

# J&L LANDFARM, INC.

P.O. Box 356
Hobbs, New Mexico 88241-0356
Phone (505) 393-9697
Fax (505) 393-8537

July 14, 2003

NM Energy, Minerals & Natural
Resources Dept. (OCD)
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Attn: Martyne Kieling**
**Environmental Geologist**
**Subj: 2nd qtr cell testing, 2003**

Dear Ms. Kieling:

Attached are copies of the required quarterly analytical testing for all active cells within J&L Landfarm, Inc. facility. Lab testing reports include TPH/B-TEX. **Active cells are B-1, 1, 7, 8, 9, 10, 11, 12, 13, 14, 15.**

Attached are analytical test results with chain of custody analysis request and the denoted sample collection area for each cell.

If you need other information, please call me at (505) 393-9697.

Sincerely,

Judy L. Roberts

Judy L. Roberts

xc Hobbs OCD

J&L Landfarm, Inc.
Subject: 2nd qtr
Cells B-1,1,7,8,9,10,11,12,13,14,15
Date: 7/14/2003

**non-exempt cells:**
7, 8

**exempt cells:**
B-1,1, 9, 10,11,12,13,14,15

N
~~~
S

| | |
|---|---|
| | DMS PENDING |
| | Active |
| | DMS |

| cell 1 | cell 2 | cell 3 | cell 4 | cell 5 | cell 6 | cell 7 | cell 8 | cell 9 |
|---|---|---|---|---|---|---|---|---|
| x | | | | | | x | x | |

| cell 10 | cell 11 | cell 12 | cell 13 | cell 14 | cell 15 | B-1 | | |
|---|---|---|---|---|---|---|---|---|
| x | x | x | x | x | x | x | | |
~~~

HOBBS OCD

# CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J&L LANDFARM INC.
ATTN: JUDY ROBERTS
P.O. BOX 356
HOBBS, NM 88241
FAX TO:

Receiving Date: 06/25/03
Reporting Date: 06/27/03
Project Number: NOT GIVEN
Project Name: 1/4 TEST
Project Location: NOT GIVEN

Sampling Date: 06/25/03
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

| LAB NUMBER | SAMPLE ID | TPH (mg/Kg) | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) |
|---|---|---|---|---|---|---|
| ANALYSIS DATE: | | 06/26/03 | 06/26/03 | 06/26/03 | 06/26/03 | 06/26/03 |
| H7761-1 | CELL #B1 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7761-2 | CELL #1 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7761-3 | CELL #7 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7761-4 | CELL #8 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7761-5 | CELL #9 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7761-6 | CELL #10 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7761-7 | CELL #11 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7761-8 | CELL #12 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7761-9 | CELL #13 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7761-10 | CELL #14 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7761-11 | CELL #15 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| | | | | | | |
| Quality Control | | 236 | 0.094 | 0.098 | 0.089 | 0.257 |
| True Value QC | | 240 | 0.100 | 0.100 | 0.100 | 0.300 |
| % Recovery | | 98.4 | 94.4 | 98.2 | 89.0 | 85.8 |
| Relative Percent Difference | | 0.7 | 2.5 | 1.1 | 1.2 | 1.6 |

METHODS: TRPHC-EPA 600/4-79-020 418.1; BTEX -EPA SW-846 8260

Burgess J.A. Cooke, Ph. D.

6/27/03
Date

H7761XLS

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

# CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | |
|---|---|
| Company Name: | I & L LANDFARM INC. |
| Project Manager: | |
| Address: | P.O. Box 356 |
| City: | Hobbs, N State: N.M. Zip: 88240 |
| Phone #: | 505-393-9697 Fax #: |
| Project #: | Project Owner: |
| Project Name: | |
| Project Location: | 1/4 TEST |
| Sampler Name: | |

**BILL TO**

| | |
|---|---|
| P.O. #: | |
| Company: | SAME |
| Attn: | |
| Address: | |
| City: | |
| State: | Zip: |
| Phone #: | |
| Fax #: | |

**ANALYSIS REQUEST**

| FOR LAB USE ONLY Lab I.D. | Sample I.D. Core # | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | PRESERV.: ACID/BASE: | ICE / COOL | OTHER: | SAMPLING: DATE | TIME | T.P.H. | B tex. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WM61-1 | B-1 | | | | | X | | | | | | | 6/25/03 | | XX | XX |
| 2 | 1 | | | | | X | | | | | | | | | XX | XX |
| 3 | 7 | | | | | X | | | | | | | | | XX | XX |
| 4 | 8 | | | | | X | | | | | | | | | XX | XX |
| 5 | 9 | | | | | X | | | | | | | | | XX | XX |
| 6 | 10 | | | | | X | | | | | | | | | XX | XX |
| 7 | 11 | | | | | X | | | | | | | | | XX | XX |
| 8 | 12 | | | | | X | | | | | | | | | XX | XX |
| 9 | 13 | | | | | X | | | | | | | | | XX | XX |
| 10 | 14 | | | | | X | | | | | | | | | XX | XX |

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

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

| | | | |
|---|---|---|---|
| Sampler Relinquished: Sue M. Roberts | Date: 6/25/03 Time: 1:00 | Received By: | Phone Result: ☐ Yes ☐ No |
| Relinquished By: | Date: Time: | Received By: (Lab Staff) Burgess J. Cooke | Fax Result: ☐ Yes ☐ No |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | Sample Condition: Temp, °C: cool; Intact? ☑ Yes ☐ No | Checked By: (Initials) | REMARKS: |

† Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.

# CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | |
|---|---|
| Company Name: | BILL TO |
| Project Manager: SAME | P.O. #: |
| Address: | Company: |
| City: State: Zip: | Attn: |
| Phone #: Fax #: | Address: |
| Project #: Project Owner: | City: |
| Project Name: | State: Zip: |
| Project Location: | Phone #: |
| Sampler Name: | Fax #: |

ANALYSIS REQUEST

| FOR LAB USE ONLY Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | PRESERV.: ACID/BASE: | ICE / COOL | OTHER: | SAMPLING: DATE | TIME |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H7761-11 | Cell # 15 | | | | | X | | | | | | | 6/25/03 | |

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

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

| | | | |
|---|---|---|---|
| Sampler Relinquished: Lee M. Roberts | Date: 6/25/03 Time: 1:00 p.M. | Received By: | Phone Result: ☐ Yes ☐ No |
| Relinquished By: | Date: Time: | Received By: (Lab Staff) Bunny A Cook | Fax Result: ☐ Yes ☐ No |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | Sample Condition: Temp, °C: cool; Intact? ☒ Yes ☐ No | Checked By: (Initials) |

REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.

# J&L LANDFARM, INC.

P.O. Box 356
Hobbs, New Mexico 88241-0356
Phone (505) 393-9697
Fax (505) 393-8537

April 28, 2003

NM Energy, Minerals & Natural
Resources Dept. (OCD)
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Attn: Martyne Kieling**
**Environmental Geologist**
**Subj: 1st qtr cell testing, 2003**

Dear Ms. Kieling:

Attached are copies of the required quarterly analytical testing for all active cells within J&L Landfarm, Inc. facility. Lab testing reports include TPH/B-TEX. **Active cells are B-1, 8, 10, 11, 12, 13, 14, 15.**

Attached are analytical test results with chain of custody analysis request and the denoted sample collection area for each cell.

If you need other information, please call me at (505) 393-9697.

Sincerely,

Judy L. Roberts

xc Hobbs OCD

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J&L LANDFARM, INC.
ATTN: JUDY ROBERTS
P.O. BOX 356
HOBBS, NM 88241
FAX TO:

Receiving Date: 04/02/03
Reporting Date: 04/04/03
Project Number: NOT GIVEN
Project Name: CELL TEST
Project Location: SEC. 9&10

Sampling Date: 04/02/03
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

| LAB NUMBER | SAMPLE ID | TPH (mg/Kg) | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) |
|---|---|---|---|---|---|---|
| ANALYSIS DATE: | | 04/03/03 | 04/03/03 | 04/03/03 | 04/03/03 | 04/03/03 |
| H7572-1 | CELL #B-1 | 27.1 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7572-2 | CELL #8 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7572-3 | CELL #10 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7572-4 | CELL #11 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7572-5 | CELL #12 | 89.8 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7572-6 | CELL #13 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7572-7 | CELL #14 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7572-8 | CELL #15 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| | | | | | | |
| Quality Control | | 248 | 0.103 | 0.099 | 0.105 | 0.302 |
| True Value QC | | 240 | 0.100 | 0.100 | 0.100 | 0.300 |
| % Recovery | | 103 | 103 | 99.2 | 105 | 101 |
| Relative Percent Difference | | 7.1 | 0.6 | <0.1 | 1.8 | 1.2 |

METHODS: TRPHC-EPA 600/4-79-020 418.1; BTEX -EPA SW-846 8260

Burgess J. A. Cooke, Ph. D.

4/4/04
Date

H7572AS

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

J&L Landfarm, Inc.
Subject: 1st qtr test
Cells B-1,8,10,11,12,13,14,15
Date: 4/28/2003

**non-exempt cells:**
8

**exempt cells:**
B-1,10,11,12,13,14,15

N
~~~
S

| | |
|---|---|
| | DMS PENDING |
| | Active |
| | DMS |

| cell 1 | cell 2 | cell 3 | cell 4 | cell 5 | cell 6 | cell 7 | cell 8 | cell 9 |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | x | |

| cell 10 | cell 11 | cell 12 | cell 13 | cell 14 | cell 15 | B-1 | | |
|---|---|---|---|---|---|---|---|---|
| x | x | x | x | x | x | x | | |
~~~

# CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 (915) 673-7001 Fax (915) 673-7020
101 East Marland, Hobbs, NM 88240 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | |
|---|---|
| Company Name: | T.E.L. LANDFARM INC. |
| Project Manager: | Judy Roberts |
| Address: | P.O. Box 356 |
| City: | Hobbs State: N.Mex Zip: 88240 |
| Phone #: | 393-9697 Fax #: |
| Project #: | Project Owner: |
| Project Name: | Cell Test |
| Project Location: | Sec. 9 & 10 |
| Sampler Name: | |

**BILL TO**

| | |
|---|---|
| P.O. #: | |
| Company: | |
| Attn: | SAME |
| Address: | |
| City: | |
| State: | Zip: |
| Phone #: | |
| Fax #: | |

**ANALYSIS REQUEST**

| FOR LAB USE ONLY Lab I.D. | Sample I.D. Cells # | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | PRESERV.: ACID/BASE: | ICE / COOL | OTHER: | SAMPLING: DATE | TIME | TBA 418 | B-Tex. | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H7572-1 | B-1 | | | | | ✓ | | | | | | | 4/2/03 | | ✓ | ✓ | | | | | | |
| -2 | 8 | | | | | | | | | | | | | | ✓ | ✓ | | | | | | |
| -3 | 10 | | | | | | | | | | | | | | ✓ | ✓ | | | | | | |
| -4 | 11 | | | | | | | | | | | | | | ✓ | ✓ | | | | | | |
| -5 | 12 | | | | | | | | | | | | | | ✓ | ✓ | | | | | | |
| -6 | 13 | | | | | | | | | | | | | | ✓ | ✓ | | | | | | |
| -7 | 14 | | | | | | | | | | | | | | ✓ | ✓ | | | | | | |
| -8 | 15 | | | | | | | | | | | | | | ✓ | ✓ | | | | | | |

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

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

| | | | |
|---|---|---|---|
| Sampler Relinquished: Lee M. Roberts | Date: 4-2-03 Time: | Received By: | Phone Result: ☐ Yes ☐ No<br>Fax Result: ☐ Yes ☐ No<br>REMARKS: |
| Relinquished By: | Date: 4/2/03 Time: 1:00 | Received By: (Lab Staff) Amy Hill | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | Sample Condition Temp. °C / Intact? ☐ Yes ☐ No | Checked By: (Initials) |

† Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.

# J&L LANDFARM, INC.

P.O. Box 356
Hobbs, New Mexico 88241-0356
Phone (505) 393-9697
Fax (505) 393-8537

January 29, 2003

NM Energy, Minerals & Natural
Resources Dept. (OCD)
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Attn: Martyne Kieling**
**Environmental Geologist**
**Subj: 4th qtr testing, 2002**

Dear Ms. Kieling:

Attached are copies of the required quarterly analytical testing for all active cells within J&L Landfarm, Inc. facility. Lab testing reports include TPH/B-TEX. **Active cells are B-1, 11 12, 13, and 14**.

Attached are analytical test results with chain of custody analysis request and the denoted sample collection area for each cell.

If you need other information, please call me at (505) 393-9697.

Sincerely,

Judy L. Roberts

xc Hobbs OCD

J&L Landfarm, Inc.

Subject: 4th qtr testing

Cells B-1, 11,12,13,14

Date: 1/28/2003

**non-exempt cells:**

**exempt cells:**
B-1, 11, 12, 13, 14

N

~~~

S

| | |
|---|---|
| | DMS PENDING |
| | Active |
| | DMS |

| cell 1 | cell 2 | cell 3 | cell 4 | cell 5 | cell 6 | cell 7 | cell 8 | cell 9 |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

| cell 10 | cell 11 | cell 12 | cell 13 | cell 14 | cell 15 | B-1 | | |
|---|---|---|---|---|---|---|---|---|
| | x | x | x | x | | x | | |
~~~

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J&L LANDFARM, INC.
ATTN: JUDY ROBERTS
P.O. BOX 356
HOBBS, NM 88241
FAX TO:

Receiving Date: 01/09/03
Reporting Date: 01/10/03
Project Number: NOT GIVEN
Project Name: 1/4 TEST
Project Location: NOT GIVEN

Sampling Date: 01/09/02
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

| LAB NUMBER | SAMPLE ID | TPH (mg/Kg) | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) |
|---|---|---|---|---|---|---|
| ANALYSIS DATE: | | 01/09/03 | 01/09/03 | 01/09/03 | 01/09/03 | 01/09/03 |
| H7388-1 | CELL #B-1 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7388-2 | CELL #11 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7388-3 | CELL #12 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7388-4 | CELL #13 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7388-5 | CELL #14 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7388-6 | CELL #15 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| | | | | | | |
| | | | | | | |
| Quality Control | | 227 | 0.109 | 0.100 | 0.101 | 0.296 |
| True Value QC | | 240 | 0.100 | 0.100 | 0.100 | 0.300 |
| % Recovery | | 94.4 | 109 | 99.8 | 101 | 98.5 |
| Relative Percent Difference | | 0.7 | 11.0 | 2.2 | 1.3 | 1.2 |

METHODS: TRPHC-EPA 600/4-79-020 418.1; BTEX -EPA SW-846 8260

Burgess J. A. Cooke, Ph. D.

1/10/03
Date

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

# CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page____ of ____

| | |
|---|---|
| Company Name: | J&L LANDFARM INC. |
| Project Manager: | Judy Roberts |
| Address: | P.O. Box 356 |
| City: | Hobbs State: N.M. Zip: 88240 |
| Phone #: | 505-393-9697 Fax #: |
| Project #: | Project Owner: |
| Project Name: | 1/4" TEST |
| Project Location: | |
| Sampler Name: | |

**BILL TO**

| | |
|---|---|
| P.O. #: | |
| Company: | SAME |
| Attn: | |
| Address: | |
| City: | |
| State: | Zip: |
| Phone #: | |
| Fax #: | |

**ANALYSIS REQUEST**

| FOR LAB USE ONLY Lab I.D. | Sample I.D. Cell # | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | CRUDE OIL | SLUDGE | OTHER: | PRESERV.: ACID/BASE: | ICE / COOL | OTHER: | SAMPLING: DATE | TIME | TPH - 418 | BTEX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H7388-1 | # B-1 | | | | | ✓ | | | | | | | 1/9/03 | 8:00 | ✓ | ✓ |
| -2 | # 11 | | | | | ✓ | | | | | | | | | ✓ | ✓ |
| -3 | # 12 | | | | | ✓ | | | | | | | | | ✓ | ✓ |
| -4 | # 13 | | | | | ✓ | | | | | | | | | ✓ | ✓ |
| -5 | # 14 | | | | | ✓ | | | | | | | | | ✓ | ✓ |
| -6 | # 15 | | | | | ✓ | | | | | | | | | ✓ | ✓ |

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

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

| | | | |
|---|---|---|---|
| Sampler Relinquished: Judy M. Roberts | Date: 1-9-03 Time: 8:00 A.M. | Received By: | Phone Result: ☐ Yes ☐ No Add'l Phone #: |
| Relinquished By: | Date: 1-9-03 Time: 8:40 | Received By: (Lab Staff) Amy Hill | Fax Result: ☐ Yes ☐ No Add'l Fax #: |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | Sample Condition: Cool ☑ Yes ☐ No; Intact ☑ Yes ☐ No | CHECKED BY: (Initials) |

REMARKS:

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

# CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page____ of ____

| | | | |
|---|---|---|---|
| Company Name: | J.L. LANDFARM INC. | BILL TO | |
| Project Manager: | Judy Roberts | P.O. #: | |
| Address: | P.O. Box 356 | Company: | SAME |
| City: Hobbs | State: N.M. Zip: 88240 | Attn: | |
| Phone #: 505-393-9697 | Fax #: | Address: | |
| Project #: | Project Owner: | City: | |
| Project Name: | 1/4" Test | State: | Zip: |
| Project Location: | | Phone #: | |
| Sampler Name: | | Fax #: | |

| LAB USE ONLY Lab I.D. | Sample I.D. Cell # | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | CRUDE OIL | SLUDGE | OTHER: | PRESERV.: ACID/BASE: | ICE / COOL | OTHER: | SAMPLING DATE | TIME | ANALYSIS REQUEST: TPH - 418 | B Tex. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H7388-1 | # B-1 | | | | | ✓ | | | | | | | 1/9/03 | 8:150 | ✓ | ✓ |
| -2 | # 11 | | | | | ✓ | | | | | | | | | ✓ | ✓ |
| -3 | # 12 | | | | | ✓ | | | | | | | | | ✓ | ✓ |
| -4 | # 13 | | | | | ✓ | | | | | | | | | ✓ | ✓ |
| -5 | # 14 | | | | | ✓ | | | | | | | | | ✓ | ✓ |
| -6 | # 15 | | | | | ✓ | | | | | | | | | ✓ | ✓ |

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

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

| | | | |
|---|---|---|---|
| Sampler Relinquished: Jerry M. Roberts | Date: 1-9-03 Time: 8:00 A.M. | Received By: | Phone Result: ☐ Yes ☐ No Add'l Phone #: |
| Relinquished By: | Date: 1-9-03 Time: 8:40 | Received By: (Lab Staff) Amy Hill | Fax Result: ☐ Yes ☐ No Add'l Fax #: |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No | CHECKED BY: (Initials) |

REMARKS:

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

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS. NM 88240

ANALYTICAL RESULTS FOR
J&L LANDFARM, INC.
ATTN: JUDY ROBERTS
P.O. BOX 356
HOBBS, NM 88241
FAX TO:

Receiving Date: 01/09/03
Reporting Date: 01/10/03
Project Number: NOT GIVEN
Project Name: 1/4 TEST
Project Location: NOT GIVEN

Sampling Date: 01/09/02
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

| LAB NUMBER | SAMPLE ID | TPH (mg/Kg) | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) |
|---|---|---|---|---|---|---|
| ANALYSIS DATE: | | 01/09/03 | 01/09/03 | 01/09/03 | 01/09/03 | 01/09/03 |
| H7388-1 | CELL #B-1 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7388-2 | CELL #11 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7388-3 | CELL #12 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7388-4 | CELL #13 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7388-5 | CELL #14 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7388-6 | CELL #15 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| | | | | | | |
| | | | | | | |
| Quality Control | | 227 | 0.109 | 0.100 | 0.101 | 0.296 |
| True Value QC | | 240 | 0.100 | 0.100 | 0.100 | 0.300 |
| % Recovery | | 94.4 | 109 | 99.8 | 101 | 98.5 |
| Relative Percent Difference | | 0.7 | 11.0 | 2.2 | 1.3 | 1.2 |

METHODS: TRPHC-EPA 600/4-79-020 418.1; BTEX -EPA SW-846 8260

Burgess J. A. Cooke, Ph. D.

1/10/03
Date

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

# J&L LANDFARM, INC.

P.O. Box 356
Hobbs, New Mexico 88241-0356
Phone (505) 393-9697
Fax (505) 393-8537

November 13, 2002

RECEIVED
NOV 1 8 2002
OIL CONSERVATION DIVISION

NM Energy, Minerals & Natural
Resources Dept. (OCD)
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Attn: Martyne Kieling**
**Environmental Geologist**
**Subj: 3rd Quarter Analytical Cell Tests**

Dear Ms. Kieling:

Attached are copies of the required quarterly analytical testing for all active cells within J&L Landfarm, Inc. facility. Lab testing reports include TPH/B-TEX. **Active cells are B-1, 11 12, 13, and 14.**

Attached are analytical test results with chain of custody analysis request and the denoted sample collection area for each cell.

If you need other information, please call me at (505) 393-9697.

Sincerely,

Judy L. Roberts

Judy L. Roberts

xc Hobbs OCD

J&L Landfarm, Inc.

Subject: 2nd Qtr Tests

Cells B-1, 11,12,13,14

Date: 4/21/2002

**non-exempt cells:**

**exempt cells:**
B-1, 11, 12, 13, 14

N

~~~

S

| | |
|---|---|
| | DMS PENDING |
| | Active |
| | DMS |

| cell 1 | cell 2 | cell 3 | cell 4 | cell 5 | cell 6 | cell 7 | cell 8 | cell 9 |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

| cell 10 | cell 11 | cell 12 | cell 13 | cell 14 | cell 15 | B-1 | | |
|---|---|---|---|---|---|---|---|---|
| | x | x | x | x | | x | | |
~~~

# CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page ____ of ____

| | |
|---|---|
| Company Name: | J&L Landfarm Inc. |
| Project Manager: | Judy Roberts |
| Address: | P.O. Box 356 |
| City: | Hobbs State: NM Zip: 88240 |
| Phone #: | 393-9697 Fax #: |
| Project #: | Project Owner: |
| Project Name: | 4/4 Test |
| Project Location: | Sec. 9 |
| Sampler Name: | |

**BILL TO**

| | |
|---|---|
| P.O. #: | |
| Company: | SAME |
| Attn: | |
| Address: | |
| City: | |
| State: | Zip: |
| Phone #: | |
| Fax #: | |

**ANALYSIS REQUEST**

| FOR LAB USE ONLY Lab I.D. | Sample I.D. Cell # | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | PRESERV.: ACID/BASE: | ICE / COOL | OTHER: | SAMPLING DATE | TIME | T.P.H. 418.1 | B TEX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H70168-1 | # B-1 | | | | | ✓ | | | | | | | 9/25/02 | | ✓ | ✓ |
| -2 | # 11 | | | | | ✓ | | | | | | | | | ✓ | ✓ |
| -3 | # 12 | | | | | ✓ | | | | | | | | | ✓ | ✓ |
| -4 | # 13 | | | | | ✓ | | | | | | | | | ✓ | ✓ |
| -5 | # 14 | | | | | ✓ | | | | | | | | | ✓ | ✓ |

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

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

| | | |
|---|---|---|
| Sampler Relinquished: Lee M. Roberts | Date: 9-25-02 Time: | Received By: |
| Relinquished By: | Date: 9/25/02 Time: 1:30 | Received By: (Lab Staff) Amy Hill |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | Sample Condition Temp, °C: 0 Intact? ☑ Yes ☐ No | Checked By: (Initials) |

Phone Result: ☐ Yes ☐ No
Fax Result: ☐ Yes ☐ No
REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J&L LANDFARM, INC.
ATTN: JUDY ROBERTS
P.O. BOX 356
HOBBS, NM 88241
FAX TO:

Receiving Date: 09/25/02
Reporting Date: 09/26/02
Project Number: NOT GIVEN
Project Name: 1/4 TEST
Project Location: SEC. 9

Sampling Date: 09/25/02
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

| LAB NUMBEF | SAMPLE ID | TPH (mg/Kg) | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) |
|---|---|---|---|---|---|---|
| ANALYSIS DATE: | | 09/25/02 | 09/25/02 | 09/25/02 | 09/25/02 | 09/25/02 |
| H7068-1 | CELL #B-1 | <10.0 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7068-2 | CELL #11 | <10.0 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7068-3 | CELL #12 | <10.0 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7068-4 | CELL #13 | <10.0 | <0.005 | <0.005 | <0.005 | <0.015 |
| H7068-5 | CELL #14 | <10.0 | <0.005 | <0.005 | <0.005 | <0.015 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Quality Control | | 216 | 0.100 | 0.096 | 0.101 | 0.297 |
| True Value QC | | 240 | 0.100 | 0.100 | 0.100 | 0.300 |
| % Recovery | | 90.1 | 99.7 | 96.5 | 101 | 99.1 |
| Relative Percent Difference | | 1.5 | 3.2 | 2.9 | 2.1 | 0.6 |

METHODS: TRPHC-EPA 600/4-79-020 418.1; BTEX -EPA SW-846 8260

Burgess J. A. Cooke, Ph. D.

9/26/02
Date

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

H7068.XLS

# J&L LANDFARM, INC.

P.O. Box 356
Hobbs, New Mexico 88241-0356
Phone (505) 393-9697
Fax (505) 393-8537

RECEIVED
AUG 19 2002
Environmental Bureau
Oil Conservation Division

August 12, 2002

NM Energy, Minerals & Natural
Resources Dept. (OCD)
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Attn: Martyne Kieling**
**Environmental Geologist**
**Subj: 2nd Quarter Analytical Cell Tests**

Dear Ms. Kieling:

Attached are copies of the required quarterly analytical testing for all active cells within J&L Landfarm, Inc. facility. Lab testing reports include TPH/B-TEX. **Active cells are B-1, 11 12, 13, and 14**. Active cells were also analyzed for RCRA standards as required annually.

Attached are analytical test results with chain of custody analysis request and the denoted sample collection area for each cell.

If you need other information, please call me at (505) 393-9697.

Sincerely,

Judy L. Roberts

Judy L. Roberts

xc Hobbs OCD

9-18-02
MK

J&L Landfarm, Inc.

Subject: 2nd Qtr Tests

Cells B-1, 11,12,13,14

Date: 4/21/2002

**non-exempt cells:**

**exempt cells:**
B-1, 11, 12, 13, 14

N

~~~

S

| | DMS PENDING |
|---|---|
| | Active |
| | DMS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| cell 10 | cell 11 | cell 12 | cell 13 | cell 14 | cell 15 | B-1 | | |
| | | X | | | | | | |
| | | | | | | X | | |
| | | | | X | | | | |
| | X | | | | | | | |
| | | | X | | | | | |
~~~

# CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 (915) 673-7001 Fax (915) 673-7020
101 East Mariand, Hobbs, NM 88240 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | |
|---|---|
| Company Name: | J & L Roadrunner Inc. |
| Project Manager: | Judy L. Roberts |
| Address: | P.O. Box 356 |
| City: | Hobbs State: N.Mex Zip: 88240 |
| Phone #: | 505-393-9697 Fax #: |
| Project #: | Project Owner: |
| Project Name: | 1/4 Cell Test |
| Project Location: | Sec 9 |
| Sampler Name: | |

**BILL TO**

| | |
|---|---|
| P.O. #: | |
| Company: | SAME |
| Attn: | |
| Address: | |
| City: | |
| State: | Zip: |
| Phone #: | |
| Fax #: | |

**ANALYSIS REQUEST**

| FOR LAB USE ONLY Lab I.D. | Sample I.D. Cell # | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | PRESERV.: ACID/BASE: | ICE / COOL | OTHER: | SAMPLING: DATE | TIME | T.P.H. 418-1 | B-TEX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H6893-01 | | | | | | | | | | | | | 7-18-02 | | | |
| -1-2 | # 11 | | | | | | | | | | | | | | | |
| -2 | # 12 | | | | | | | | | | | | | | | |
| -3 | # 13 | | | | | | | | | | | | | | | |
| -4 | [redacted] | | | | | | | | | | | | | | | |

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

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

| | | |
|---|---|---|
| Sampler Relinquished: Leon M. Roberts | Date: 7/18/02 Time: | Received By: |
| Relinquished By: | Date: 7/18/02 Time: 3:00 | Received By: (Lab Staff) Amy Hill |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | Sample Condition Temp, °C: Intact? ☑ Yes ☐ No | Checked By: (Initials) |

Phone Result: ☐ Yes ☐ No
Fax Result: ☐ Yes ☐ No
REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J&L LANDFARM, INC.
ATTN: JUDY L. ROBERTS
P.O. BOX 356
HOBBS, NM 88241
FAX TO:

Receiving Date: 07/18/02
Reporting Date: 07/22/02
Project Number: NOT GIVEN
Project Name: 1/4 CELL TEST
Project Location: SEC 9

Sampling Date: 07/18/02
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

| LAB NO. | SAMPLE ID | TPH (mg/Kg) | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) |
|---|---|---|---|---|---|---|
| ANALYSIS DATE: | | 07/19/02 | 07/19/02 | 07/19/02 | 07/19/02 | 07/19/02 |
| H6893-1 | CELL #11 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H6893-2 | CELL #12 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H6893-3 | CELL #13 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H6893-4 | CELL #14 | 13.6 | <0.005 | <0.005 | <0.005 | <0.015 |
| [redacted] | | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] |
| | | | | | | |
| | | | | | | |
| Quality Control | | 238 | 0.101 | 0.102 | 0.100 | 0.286 |
| True Value QC | | 240 | 0.100 | 0.100 | 0.100 | 0.300 |
| % Recovery | | 99.3 | 101 | 102 | 100 | 95.2 |
| Relative Percent Difference | | 4.6 | 3.9 | 1.0 | 4.3 | 4.4 |

METHODS: TRPHC-EPA 600/4-79-020 418.1; BTEX -EPA SW-846 8260

Burgess J.A. Cooke, Ph. D.

7/22/02
Date

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

H6893.XLS

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL LABORATORIES, INC.
2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476



| | |
|---|---|
| Company Name: | T&L LANDFARM INC. |
| Project Manager: | Tiffy L. Roberts |
| Address: | P.O. Box 356 |
| City: | Hobbs State: N.M. Zip: 88240 |
| Phone #: | 505-393-9697 Fax #: |
| Project #: | Project Owner: |
| Project Name: | 1/4 CELL TEST |
| Project Location: | SEC. 9 |
| Sampler Name: | |

**BILL TO**

| | |
|---|---|
| P.O. #: | |
| Company: | |
| Attn: | SAME |
| Address: | |
| City: | |
| State: | Zip: |
| Phone #: | |
| Fax #: | |

| FOR LAB USE ONLY Lab I.D. | Sample I.D. CELL # | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | PRESERV.: ACID/BASE: | ICE / COOL | OTHER: | SAMPLING DATE | TIME | ANALYSIS REQUEST: T.P.H. 418-1 | B-TEX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H69024 | B-1 | | | | | ✓ | | | | | | | 7-23-02 | 3:15 | 1 | 1 |

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

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

| | | |
|---|---|---|
| Sampler Relinquished: Joe M. Roberts | Date: 7-23-02 Time: | Received By: |
| Relinquished By: | Date: Time: | Received By: (Lab Staff) Bunsen H. Cook |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | Sample Condition: Temp, °C: Cool; Intact? ☒ Yes ☐ No | Checked By: (Initials) |

Phone Result: ☐ Yes ☐ No
Fax Result: ☐ Yes ☐ No
REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J&L LANDFARM, INC.
ATTN: JUDY L. ROBERTS
P.O. BOX 356
HOBBS, NM 88241
FAX TO:

Receiving Date: 07/23/02
Reporting Date: 07/24/02
Project Number: NOT GIVEN
Project Name: 1/4 CELL TEST
Project Location: SEC. 9

Sampling Date: 07/23/02
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

| LAB NO. | SAMPLE ID | TPH (mg/Kg) | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) |
|---|---|---|---|---|---|---|
| ANALYSIS DATE: | | 07/24/02 | 07/24/02 | 07/24/02 | 07/24/02 | 07/24/02 |
| H6902-1 | CELL #B-1 | <10.0 | <0.005 | <0.005 | <0.005 | <0.015 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Quality Control | | 238 | 0.111 | 0.102 | 0.106 | 0.306 |
| True Value QC | | 240 | 0.100 | 0.100 | 0.100 | 0.300 |
| % Recovery | | 99.3 | 111 | 102 | 106 | 102 |
| Relative Percent Difference | | 4.6 | 1.1 | 2.1 | 1.1 | 0.3 |

METHODS: TRPHC-EPA 600/4-79-020 418.1; BTEX -EPA SW-846 8260

Burgess J. A. Cooke, Ph. D.

7/24/02
Date

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

# CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | | | |
|---|---|---|---|
| Company Name: | T.L. LANDFARM INC. | BILL TO | |
| Project Manager: | Judy L Roberts | P.O. #: | |
| Address: | P.O. BOX 356 | Company: | |
| City: Hobbs | State: N.MEX Zip: 88240 | Attn: | SAME |
| Phone #: | Fax #: | Address: | |
| Project #: | Project Owner: | City: | |
| Project Name: | 1 YEAR TEST | State: | Zip: |
| Project Location: | SEC. 9 | Phone #: | |
| Sampler Name: | | Fax #: | |

ANALYSIS REQUEST: RCRA METALS

| FOR LAB USE ONLY Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | PRESERV.: ACID/BASE: | ICE / COOL | OTHER: | SAMPLING: DATE | TIME | RCRA METALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | CELL # | | | | | | | | | | | | | | |
| H6913-1 | # 11 | | | | | ✓ | | | | | | | 7/29 | | ✓ |
| -2 | # 12 | | | | | ✓ | | | | | | | | | ✓ |
| -3 | # 13 | | | | | ✓ | | | | | | | | | ✓ |
| -4 | # 14 | | | | | ✓ | | | | | | | | | ✓ |
| -5 | # B-1 | | | | | ✓ | | | | | | | ↓ | | ✓ |

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

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

| | | | |
|---|---|---|---|
| Sampler Relinquished: Lee M. Roberts | Date: 7-29-02 Time: | Received By: | Phone Result: ☐ Yes ☐ No |
| Relinquished By: | Date: 7/29/02 Time: 3:35 | Received By: (Lab Staff) Amy Hill | Fax Result: ☐ Yes ☐ No |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | Sample Condition Temp. °C / Intact? ☐ Yes ☐ No | Checked By: (Initials) |

REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J & L LANDFARM
ATTN: JUDY ROBERTS
P.O. BOX 356
HOBBS, NM 88241
FAX TO:

Receiving Date: 07/29/02
Reporting Date: 08/05/02
Project Number: NOT GIVEN
Project Name: 1 YEAR TEST
Project Location: SEC 9

Sampling Date: 07/29/02
Sample Type: SOIL
Sample Condition: COOL AND INTACT
Sample Received By: AH
Analyzed By: AH

TCLP METALS

| LAB NO. | SAMPLE ID | As ppm | Ag ppm | Ba ppm | Cd ppm | Cr ppm | Pb ppm | Hg ppm | Se ppm |
|---|---|---|---|---|---|---|---|---|---|
| ANALYSIS DATE: | | 08/02/02 | 08/05/02 | 08/05/02 | 08/05/02 | 08/05/02 | 08/05/02 | 08/05/02 | 08/02/02 |
| EPA LIMITS: | | 5 | 5 | 100 | 1 | 5 | 5 | 0.2 | 1 |
| H6913-1 | CELL #11 | <1 | <1 | <5 | <0.1 | <1 | <1 | <0.02 | <0.1 |
| H6913-2 | CELL #12 | <1 | <1 | <5 | <0.1 | <1 | <1 | <0.02 | <0.1 |
| H6913-3 | CELL #13 | <1 | <1 | <5 | <0.1 | <1 | <1 | <0.02 | <0.1 |
| H6913-4 | CELL #14 | <1 | <1 | <5 | <0.1 | <1 | <2 | <0.02 | <0.1 |
| H6913-5 | CELL #B-1 | <1 | <1 | <5 | <0.1 | <1 | <2 | <0.02 | <0.1 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Quality Control | | 0.046 | 4.910 | 25.02 | 0.985 | 4.971 | 4.922 | 0.00814 | 0.048 |
| True Value QC | | 0.050 | 5.000 | 25.00 | 1.000 | 5.000 | 5.000 | 0.00800 | 0.050 |
| % Recovery | | 92.0 | 98.2 | 100 | 98.5 | 99.4 | 98.4 | 102 | 96.0 |
| Relative Standard Deviation | | 1.8 | 0.3 | 1.5 | 0.6 | 0.2 | 0.3 | 1.8 | 2.3 |
| METHODS: EPA 1311, 600/4-91/ | | 206.2 | 272.1 | 208.1 | 213.1 | 218.1 | 239.1 | 245.1 | 270.2 |

Amy Hill
Chemist

8-5-02
Date

h6913a

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

RECEIVED

APR 9 5 2002

Environmental Bureau
Oil Conservation Division

# J&L LANDFARM, INC.

P.O. Box 356
Hobbs, New Mexico 88241-0356
Phone (505) 393-9697
Fax (505) 393-8537

April 21, 2002

NM Energy, Minerals & Natural
Resources Dept. (OCD)
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Attn: Martyne Kieling**
**Environmental Geologist**

Dear Ms. Kieling:

Attached are copies of the required quarterly analytical testing for all active cells within J&L Landfarm, Inc. facility. Lab testing reports include TPH/B-TEX. **Active cells are B-1, 11 12, 13, and 14**.

Attached are analytical test results with chain of custody analysis request and the denoted sample collection area for each cell.

If you need other information, please call me at (505) 393-9697.

Sincerely,

Judy L. Roberts

xc Hobbs OCD

# CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 (915) 673-7001 Fax (915) 673-7020
101 East Marland, Hobbs, NM 88240 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



Company Name: T&L LANDFARM INC.
Project Manager: LEE M. ROBERTS
Address: P.O. BOX 356
City: Hobbs State: NM Zip: 88240
Phone #: 505-393-9697
Fax #: 505-393-8537
Project #: Project Owner:
Project Name: 1/4" TEST
Project Location: LANDFARM

BILL TO PO #:
Company: T&L LANDFARM
Attn: Judy Roberts
Address: P.O. BOX 356
City: Hobbs
State: N.M. Zip: 88240
Phone #: 505-393-9697
Fax #: SAME

ANALYSIS REQUEST: T.P.H. B-Tex

| FOR LAB USE ONLY LAB I.D. | Sample I.D. Cells | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | PRES.: ACID: | ICE / COOL | OTHER: | SAMPLING: DATE | TIME | T.P.H. | B-Tex |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H6662-1 | B-1 | | | | | | | | | | | | 4/9/02 | 11:00 | ↓ | ↓ |
| -2 | 11 | | | | | | | | | | | | | | ↓ | ↓ |
| -3 | 12 | | | | | | | | | | | | | | ↓ | ↓ |
| -4 | 13 | | | | | | | | | | | | | | ↓ | ↓ |
| -5 | 14 | | | | | | | | | | | | | | ↓ | ↓ |
| 2a | | | | | | | | | | | | | | | | |
| b | | | | | | | | | | | | | | | | |

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Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished: Date: Time: Received By:
Relinquished By: Lee M. Roberts Date: 4/9-02 Time: 11:00 AM Received By: (Lab Staff) Burgess Black
Delivered By: (Circle One) Sampler - UPS - Bus - Other:
Sample Condition: Cool ☒ Yes ☐ No Intact ☒ Yes ☐ No
CHECKED BY: (Initials)

Phone Result ☐ Yes ☐ No Additional Fax #:
Fax Result: ☐ Yes ☐ No
REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J&L LANDFARM, INC.
ATTN: LEE M. ROBERTS
P.O. BOX 356
HOBBS, NM 88240
FAX TO: (505) 393-3537

Receiving Date: 04/09/02
Reporting Date: 04/10/02
Project Number: NOT GIVEN
Project Name: 1/4 TEST
Project Location: LANDFARM

Sampling Date: 04/09/02
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

| LAB NUMBEF | SAMPLE ID | TPH (mg/Kg) | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) |
|---|---|---|---|---|---|---|
| ANALYSIS DATE: | | 04/09/02 | 04/09/02 | 04/09/02 | 04/09/02 | 04/09/02 |
| H6662-1 | CELL B-1 | 50.0 | <0.005 | <0.005 | <0.005 | <0.015 |
| H6662-2 | CELL 11 | 45.8 | <0.005 | <0.005 | <0.005 | <0.015 |
| H6662-3 | CELL 12 | 29.2 | <0.005 | <0.005 | <0.005 | <0.015 |
| H6662-4 | CELL 13 | 60.2 | <0.005 | <0.005 | <0.005 | <0.015 |
| H6662-5 | CELL 14 | 30.0 | <0.005 | <0.005 | <0.005 | <0.015 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Quality Control | | 218 | 0.099 | 0.099 | 0.103 | 0.299 |
| True Value QC | | 240 | 0.100 | 0.100 | 0.100 | 0.300 |
| % Recovery | | 90.8 | 99.1 | 99.0 | 103 | 99.6 |
| Relative Percent Difference | | 7.0 | 2.3 | 1.8 | 2.3 | 2.2 |

METHODS: TRPHC - EPA 600/7-79-020, 418.1; BTEX - EPA SW-846-8020

Burgess J. A. Cooke, Ph. D.

4/10/02
Date

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H6662.XLS

J&L Landfarm, Inc.
Subject: Qtr Test
Cells B-1, 11,12,13,14
Date: 4/21/2002

**non-exempt cells:**

**exempt cells:**
B-1, 11, 12, 13, 14

N
~~~
S

| | |
|---|---|
| | DMS PENDING |
| | Active |
| | DMS |

| cell 1 | cell 2 | cell 3 | cell 4 | cell 5 | cell 6 | cell 7 | cell 8 | cell 9 |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

| cell 10 | cell 11 | cell 12 | cell 13 | cell 14 | cell 15 | B-1 | | |
|---|---|---|---|---|---|---|---|---|
| | x | x | x | x | | x | | |
~~~

**J&L LANDFARM, INC.**

P.O. BOX 356
8301 EUNICE HWY.
HOBBS, NEW MEXICO 88241-0356

Phone (505) 393-9697
Fax (505) 393-8537

RECEIVED
FEB 11 2002
Environmental Bureau
Oil Conservation Division

January 30, 2002

Martyne J. Kieling
NM Energy, Minerals & Natural Resources, OCD
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**RE: Facility Quarterly Testing/4th Qtr**

Dear Ms. Kieling:

Attached are reports and copies of laboratory analysis for required quarterly soil testing. Active cells analyzed for TPH/B-TEX are cells #1-4, 6, 9, B-1, 11-12. Cells #5, 7, 8 were not analyzed per Discontinued Maintenance Status. Cell #10 which had been on DMS was activated for soil deposits. Remediated soil in cell #10 was pushed up for berm use and also stockpiled. The new deposits are six (6) inch lifts on the native surface. Cell #10 will be analyzed for quarter tests in the 2nd quarter of 2002 as per six-month requirement.

Attached supporting exhibits:

**A) Analytical Test Results with Chain of Custody Analysis Request**
**B) Denoted sample collection area and cell location area**

If you need other information or have any questions, please call me at (505) 393-9697.

Sincerely,

Judy L. Roberts

Judy L. Roberts
att
cc Hobbs OCD

J&L Landfarm, Inc.
Subj: Cell Test 1-15,B-1
Period: 4th
Date: 1/30/2002

DMS cells: 5,7,8

**non-exempt cells:**
1, 3, 6, 15

**exempt cells:**
2, 4, 9, 10, 11, 12, 13, , 14, B-1

N
~~~
S

x denotes soil sample location

| cell 1 | cell 2 | cell 3 | cell 4 | cell 5 | cell 6 | cell 7 | cell 8 | cell 9 |
|---|---|---|---|---|---|---|---|---|
| x | x | x | x | | x | | | x |
| **cell 10** | **cell 11** | **cell 12** | **cell 13** | **cell 14** | **cell 15** | **B-1** | | |
| test due Apr-02 | x | x | x | x | x | x | | |
~~~

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR:
J&L LANDFARM INC.
ATTN: JUDY L. ROBERTS
P.O. BOX 356
HOBBS, NM 88240
FAX TO: 505-393-9697

Receiving Date: 12/26/01
Reporting Date: 12/28/01
Project Number: NOT GIVEN
Project Name: ¼ CELL TEST
Project Location: SEC. 9

Sampling Date: 12/26/01
Sample Type: SOIL
Sample Condition: COOL, INTACT
Sample Received By: AH
Analyzed By: JA

| LAB NUMBER | SAMPLE ID | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) |
|---|---|---|---|---|---|
| ANALYSIS DATE | | 12/27/01 | 12/27/01 | 12/27/01 | 12/27/01 |
| H6368-1 | CELL # B-1 | <0.002 | 0.002 | <0.002 | <0.006 |
| H6368-2 | CELL #1 | <0.002 | <0.002 | <0.002 | <0.006 |
| H6368-3 | CELL #2 | <0.002 | 0.010 | 0.004 | 0.010 |
| H6368-4 | CELL #3 | <0.002 | <0.002 | <0.002 | <0.006 |
| H6368-5 | CELL #4 | <0.002 | 0.002 | <0.002 | <0.006 |
| H6368-6 | CELL #6 | <0.002 | 0.002 | <0.002 | <0.006 |
| H6368-7 | CELL #9 | <0.002 | 0.002 | <0.002 | <0.006 |
| H6368-8 | CELL #11 | <0.002 | 0.002 | <0.002 | <0.006 |
| H6368-9 | CELL #12 | <0.002 | 0.002 | <0.002 | <0.006 |
| H6368-10 | CELL #13 | <0.002 | <0.002 | <0.002 | <0.006 |
| H6368-11 | CELL #14 | <0.002 | <0.002 | <0.002 | <0.006 |
| H6368-12 | CELL #15 | <0.002 | <0.002 | <0.002 | <0.006 |
| | | | | | |
| Quality Control | | 0.092 | 0.096 | 0.095 | 0.281 |
| True Value QC | | 0.100 | 0.100 | 0.100 | 0.300 |
| % Accuracy | | 92 | 96 | 95 | 94 |
| Relative Percent Difference | | 3.4 | 1.3 | 0.7 | 1.4 |

METHOD: EPA SW 846-8020, 5030, Gas Chromatography

Chemist

12-28-01
Date

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

H6368SJLLANDHOBBSBTEXONLY

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J & L LANDFARM
ATTN: JUDY L. ROBERTS
P.O. BOX 356
HOBBS, NM 88241
FAX TO:

Receiving Date: 12/26/01
Reporting Date: 12/28/01
Project Number: NOT GIVEN
Project Name: 1/4 CELL TEST
Project Location: SEC. 9

Analysis Date: 12/26/01
Sampling Date: 12/26/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: AH

| LAB NUMBER | SAMPLE ID | TPH (mg/Kg) |
|---|---|---|
| H6368-1 | CELL B-1 | 31.5 |
| H6368-2 | CELL 1 | 54.1 |
| H6368-3 | CELL 2 | 45.7 |
| H6368-4 | CELL 3 | 80.4 |
| H6368-5 | CELL 4 | 69.2 |
| H6368-6 | CELL 6 | 50.7 |
| H6368-7 | CELL 9 | 28.3 |
| H6368-8 | CELL 11 | 50.3 |
| [redacted] | | |
| H6368-10 | CELL 13 | 44.1 |
| H6368-11 | CELL 14 | 60.9 |
| H6368-12 | CELL 15 | 47.2 |
| | | |
| Quality Control | | 229 |
| True Value QC | | 240 |
| % Recovery | | 95.2 |
| Relative Percent Difference | | 8.3 |

METHOD: EPA 600/4-79-020 418.1

Amy Hill
Chemist

12-28-01
Date

H6368

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

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J&L LANDFARM INC.
ATTN: JUDY L. ROBERTS
P.O. BOX 356
HOBBS, NM 88240
FAX TO:

Receiving Date: 01/10/02
Reporting Date: 01/11/02
Project Number: NOT GIVEN
Project Name: 1/4 CELL TEST
Project Location: SEC #9

Analysis Date: 01/10/02
Sampling Date: 01/10/02
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

| LAB NUMBER | SAMPLE ID | TPH (mg/Kg) |
|---|---|---|
| H6413-1 | CELL #12 | 47.6 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| Quality Control | | 236 |
| True Value QC | | 240 |
| % Recovery | | 98.2 |
| Relative Percent Difference | | 2.0 |

METHOD: EPA 418.1

Burgess J.A. Cooke
Chemist

1/11/02
Date

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

H6413.XLS

# CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



Company Name: J&L LANDFARM INC.
Project Manager: Judy L. Roberts
Address: P.O. Box 356
City: Hobbs State: NM Zip: 88240
Phone #: 505-393-9697
Fax #:
Project #: Project Owner:
Project Name: 1/4 CELL TEST
Project Location: SEC. 9

BILL TO PO #:
Company:
Attn:
Address: SAME
City:
State: Zip:
Phone #:
Fax #:

ANALYSIS REQUEST

| FOR LAB USE ONLY LAB I.D. | Sample I.D. CELL # | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | PRES.: ACID: | ICE / COOL | OTHER: | SAMPLING: DATE | TIME | T.P.H 418-1 | B-TEX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H16368-1 | # B-1 | | | | | ✓ | | | | | | | 12-26 | | ✓ | ✓ |
| -2 | # 1 | | | | | | | | | | | | ✓ | | ✓ | ✓ |
| -3 | # 2 | | | | | | | | | | | | ✓ | | ✓ | ✓ |
| -4 | # 3 | | | | | | | | | | | | ✓ | | ✓ | ✓ |
| -5 | # 4 | | | | | | | | | | | | ✓ | | ✓ | ✓ |
| -6 | # 6 | | | | | | | | | | | | ✓ | | ✓ | ✓ |
| -7 | # 9 | | | | | | | | | | | | ✓ | | ✓ | ✓ |
| -8 | # 11 | | | | | | | | | | | | ✓ | | ✓ | ✓ |
| -9 | # 12 | | | | | | | | | | | | ✓ | | ✓ | ✓ |
| -10 | # 13 | | | | | ✓ | | | | | | | ✓ | | ✓ | ✓ |

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

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished: Joe W. Roberts
Date: 12-26-01
Time:
Received By:

Relinquished By:
Date: 12/26/01
Time: 1:20
Received By: (Lab Staff) Amy Hill

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Sample Condition
Cool: ☑ Yes ☐ No
Intact: ☐ Yes ☐ No

CHECKED BY: (Initials)

Phone Result ☐ Yes ☐ No Additional Fax #:
Fax Result: ☐ Yes ☐ No
REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

# CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 (915) 673-7001 Fax (915) 673-7020
101 East Marland, Hobbs, NM 88240 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



Company Name:
Project Manager:
Address: SAME
City: State: Zip:
Phone #:
Fax #:
Project #: Project Owner:
Project Name:
Project Location:

BILL TO PO #:
Company:
Attn: SAME
Address:
City:
State: Zip:
Phone #:
Fax #:

ANALYSIS REQUEST: T.P.H. 418-1; B-Tex.

| FOR LAB USE ONLY LAB I.D. | Sample I.D. CELL # | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | PRES.: ACID: | ICE / COOL | OTHER: | SAMPLING: DATE | TIME | T.P.H. 418-1 | B-Tex |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H6368-11 | #14 | | | | | ✓ | | | | | | | 12-26 | | ✓ | ✓ |
| -12 | #15 | | | | | ✓ | | | | | | | ↓ | | ✓ | ✓ |

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Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished: Lee Su. Roberts — Date: 12-26-01 Time:
Received By:
Relinquished By: — Date: 12/26/01 Time: 1:20
Received By: (Lab Staff) Amy Hill
Delivered By: (Circle One) Sampler - UPS - Bus - Other:
Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No
CHECKED BY: (Initials)

Phone Result ☐ Yes ☐ No Additional Fax #:
Fax Result: ☐ Yes ☐ No
REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

# CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



Company Name: J & L Lawn Farm Inc.
Project Manager: Judy L. Roberts
Address: P.O. Box 356
City: Hobbs State: NM Zip: 88240
Phone #: 505-393-9697
Fax #:
Project #: Project Owner:
Project Name: 1/4 Cell Test
Project Location: Sec #9

BILL TO PO #:
Company: SAME
Attn:
Address:
City:
State: Zip:
Phone #:
Fax #:

ANALYSIS REQUEST: T.P.H 418-1

| FOR LAB USE ONLY LAB I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | PRES.: ACID: | ICE / COOL | OTHER: | SAMPLING: DATE | TIME | T.P.H 418-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H6413-1 | Cell # 12 | | | | | ✓ | | | | | | | 1-10-02 | | ✓ |

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

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished: Lee M. Roberts Date: 1-10-02 Time:
Received By:
Relinquished By: Date: Time:
Received By: (Lab Staff) Amy Hill
Delivered By: (Circle One) Sampler - UPS - Bus - Other:
Sample Condition: Cool ☑ Yes ☐ No; Intact ☑ Yes ☐ No
CHECKED BY: (Initials)

Phone Result ☐ Yes ☐ No Additional Fax #:
Fax Result: ☐ Yes ☐ No
REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

**J&L LANDFARM, INC.**

P.O. BOX 356
8301 EUNICE HWY.
HOBBS, NEW MEXICO 88241-0356

Phone (505) 393-9697
Fax (505) 393-8537

RECEIVED

NOV 19 2001

Environmental Bureau
Oil Conservation Division

October 18, 2001

Martyne J. Kieling
NM Energy, Minerals & Natural Resources, OCD
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**RE: Facility Quarterly Testing**
**3rd**

Dear Ms. Kieling:

Attached are reports and copies of laboratory analysis for required quarterly soil testing. Active cells analyzed for TPH/B-TEX are cells #1-4, 6, 9, B-1, 11-12. Cell # 5, 7, 8, and 10 were not analyzed pending submission of **Discontinued Maintenance Status** approval.

Attached supporting exhibits:

**A) Analytical Test Results with Chain of Custody Analysis Request**
**B) Denoted sample collection area and cell location area**

If you need other information or have any questions, please call me at (505) 393-9697.

Sincerely,

Judy L. Roberts

Judy L. Roberts
att
cc Hobbs OCD

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**CARDINAL LABORATORIES, INC.**
2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476



| | |
|---|---|
| Company Name: | T&L Landfarm Inc. |
| Project Manager: | Judy L. Roberts |
| Address: | P.O. Box 356 |
| City: | Hobbs State: N.Mex Zip: |
| Phone #: | 505-393-9697 Fax #: |
| Project #: | Project Owner: |
| Project Name: | 4 Cell Test |
| Project Location: | Sec 9 |
| Sampler Name: | |

**BILL TO**

| | |
|---|---|
| P.O. #: | |
| Company: | SAME |
| Attn: | |
| Address: | |
| City: | |
| State: | Zip: |
| Phone #: | |
| Fax #: | |

**ANALYSIS REQUEST**

| FOR LAB USE ONLY Lab I.D. | Sample I.D. Cell # | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | CRUDE OIL | SLUDGE | OTHER: | PRESERV.: ACID/BASE: | ICE / COOL | OTHER: | SAMPLING: DATE | TIME | TPH 418.1 | B-Tex |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H6183-1 | #1 | | | | | ✓ | | | | | | | 9/28/01 | | ✓ | ✓ |
| -2 | #2 | | | | | ✓ | | | | | | | | | | |
| -3 | #3 | | | | | ✓ | | | | | | | | | | |
| -4 | #4 | | | | | ✓ | | | | | | | | | | |
| -5 | #6 | | | | | ✓ | | | | | | | | | | |
| -6 | #9 | | | | | ✓ | | | | | | | | | | |
| -7 | #11 | | | | | ✓ | | | | | | | | | | |
| -8 | #12 | | | | | ✓ | | | | | | | | | | |
| -9 | #13 | | | | | ✓ | | | | | | | | | | |
| -10 | #14 | | | | | ✓ | | | | | | | | | ✓ | ✓ |

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Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

| | | | |
|---|---|---|---|
| Sampler Relinquished: Lee M. Roberts | Date: 9-28-01 Time: | Received By: | Phone Result: ☐ Yes ☐ No Add'l Phone #: |
| Relinquished By: | Date: Time: | Received By: (Lab Staff) Burgess J. Cook | Fax Result: ☐ Yes ☐ No Add'l Fax #: |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | Sample Condition: Cool ☐ Yes ☐ No; Intact ☑ Yes ☐ No | CHECKED BY: (Initials) |

REMARKS:

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

# CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | |
|---|---|
| Company Name: | |
| Project Manager: T&L. LANDFARM INC- | BILL TO PO #: |
| Address: | Company: SAME |
| City: State: Zip: | Attn: |
| Phone #: | Address: |
| Fax #: | City: |
| Project #: Project Owner: | State: Zip: |
| Project Name: | Phone #: |
| Project Location: | Fax #: |

ANALYSIS REQUEST: TPH 418-1; B-Tex

| FOR LAB USE ONLY LAB I.D. | Sample I.D. CELL # | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | PRES.: ACID: | ICE / COOL | OTHER: | SAMPLING: DATE | TIME | TPH 418-1 | B-Tex |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H6183-11 | #15 | | | | | ✓ | | | | | | | 9-28-01 | | ✓ | ✓ |
| -12 | #B-1 | | | | | ✓ | | | | | | | | | ✓ | ✓ |

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Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

| | | |
|---|---|---|
| Sampler Relinquished: Lee M. Roberts | Date: 9-28-01 Time: | Received By: |
| Relinquished By: | Date: Time: | Received By: (Lab Staff) Burgess A. Cooke |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | Sample Condition: Cool ☒ Yes ☐ No; Intact ☒ Yes ☐ No; CHECKED BY: (Initials) |

Phone Result ☐ Yes ☐ No Additional Fax #:
Fax Result: ☐ Yes ☐ No
REMARKS:
12 - BTEX @ 60 = 720
12 - TPH, 418.1 @ 55 = 660
NO TAX 1380

† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS. NM 88240

ANALYTICAL RESULTS FOR
J&L LANDFARM, INC.
ATTN: JUDY L. ROBERTS
P.O. BOX 356
HOBBS, NM 88241
FAX TO:

Receiving Date: 09/28/01
Reporting Date: 10/01/01
Project Number: NOT GIVEN
Project Name: 1/4 CELL TEST
Project Location: SEC 9

Sampling Date: 09/28/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

| LAB NUMBEF | SAMPLE ID | TPH (mg/Kg) | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) |
|---|---|---|---|---|---|---|
| ANALYSIS DATE: | | 09/28/01 | 09/28/01 | 09/28/01 | 09/28/01 | 09/28/01 |
| H6183-1 | CELL #1 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H6183-2 | CELL #2 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H6183-3 | CELL #3 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H6183-4 | CELL #4 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H6183-5 | CELL #6 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H6183-6 | CELL #9 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H6183-7 | CELL #11 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H6183-8 | CELL #12 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H6183-9 | CELL #13 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H6183-10 | CELL #14 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H6183-11 | CELL #15 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H6183-12 | CELL #B-1 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| | | | | | | |
| Quality Control | | 234 | 0.098 | 0.102 | 0.110 | 0.327 |
| True Value QC | | 240 | 0.100 | 0.100 | 0.100 | 0.300 |
| % Recovery | | 97.6 | 98.0 | 102 | 110 | 109 |
| Relative Percent Difference | | 3.3 | 1.5 | 2.3 | 7.1 | 8.0 |

METHODS: TRPHC - EPA 600/7-79-020, 418.1; BTEX - EPA SW-846-8020

Burgess J. A. Cooke, Ph. D.

10/1/01
Date

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

H6183.XLS

J&L Landfarm, Inc.
Subj: Cell Test 1-15,B-1
Period: 2nd qtr
Date: 7/19/2001

**non-exempt cells:**
1, 3, 6, 15

**exempt cells:**
2,4,9,11,12,13,14,B-1

N
~~~
S

x denotes soil sample location

| cell 1 | cell 2 | cell 3 | cell 4 | cell 5 | cell 6 | cell 7 | cell 8 | cell 9 |
|---|---|---|---|---|---|---|---|---|
| x | x | x | x | | x | | | x |

| cell 10 | cell 11 | cell 12 | cell 13 | cell 14 | cell 15 | B-1 | | |
|---|---|---|---|---|---|---|---|---|
| | x | x | x | x | x | x | | |
~~~

**J&L LANDFARM, INC.**

P.O. BOX 356
8301 EUNICE HWY.
HOBBS, NEW MEXICO 88241-0356

Phone (505) 393-9697
Fax (505) 393-8537

OIL CONSERVATION DIV

01 JUL 26 PM 1:04

RECEIVED

OCT 17 2001

Environmental Bureau
Oil Conservation Division

July 18, 2001

Martyne J. Kieling
NM Energy, Minerals & Natural Resources, OCD
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Dear Ms. Kieling:

Enclosed please find disc on which I have recorded all copies of testing results for 2nd quarter. I hope this is convenient for you.

Judy L. Roberts

Judy L. Roberts

**J&L LANDFARM, INC.**

P.O. BOX 356
8301 EUNICE HWY.
HOBBS, NEW MEXICO 88241-0356

Phone (505) 393-9697
Fax (505) 393-8537

RECEIVED

OCT 17 2001

Environmental Bureau
Oil Conservation Division

July 18, 2001

Martyne J. Kieling
NM Energy, Minerals & Natural Resources, OCD
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**RE: Facility Quarterly Testing**
**2nd Quarter/2001**

Dear Ms. Kieling:

Attached are reports and copies of laboratory analysis for required quarterly soil testing. Active cells analyzed for TPH/B-TEX are Cells1-10 and B-1.

Attached supporting exhibits:

**A) Analytical Test Results with Chain of Custody Analysis Request**
**B) Denoted sample collection area and cell location area**
**C) Updated cell data of recent soil deposits**
**D) Quick-View of all active cells**

If you need other information or have any questions, please call me at (505) 393-9697.

Sincerely,

Judy L. Roberts

Judy L. Roberts
att
cc Hobbs OCD

**J&L LANDFARM, INC.**

P.O. BOX 356
8301 EUNICE HWY.
HOBBS, NEW MEXICO 88241-0356

Phone (505) 393-9697
Fax (505) 393-8537

RECEIVED
MAY 17 2001
OIL CONSERVATION DIVISION

May 10, 2001

Martyne J. Kieling
NM Energy, Minerals & Natural Resources, OCD
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**RE: Facility Quarterly Testing**
**1st Quarter/2001**

Dear Ms. Kieling:

Attached are reports and copies of laboratory analysis for required quarterly soil testing. Active cells analyzed for TPH/B-TEX are Cells1-10 and B-1.

Cell #3 tested higher for TPH levels than required standards, on initial lab analysis, and a second soil sample was submitted and tested. Both laboratory reports are included.

Attached supporting exhibits:

**A) Analytical Test Results with Chain of Custody Analysis Request**
**B) Denoted sample collection area and cell location area**
**C) Updated cell data of recent soil deposits**
**D) Quick-View of all active cells**

If you need other information or have any questions, please call me at (505) 393-9697.

Sincerely,

Judy L. Roberts
att
cc Hobbs OCD

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**CARDINAL LABORATORIES, INC.**
2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page____ of____

| | |
|---|---|
| Company Name: J & L LANDFARM | BILL TO |
| Project Manager: Judy Roberts | P.O. #: |
| Address: PO BOX 356 | Company: |
| City: Hobbs State: NM Zip: 88240 | Attn: |
| Phone #: 505 392-1482 Fax #: | Address: |
| Project #: Project Owner: | City: |
| Project Name: | State: Zip: |
| Project Location: | Phone #: |
| Sampler Name: | Fax #: |

ANALYSIS REQUEST: TPH-418.1, BTEX

| FOR LAB USE ONLY Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | CRUDE OIL | SLUDGE | OTHER: | PRESERV.: ACID/BASE: | ICE / COOL | OTHER: | SAMPLING DATE | TIME | TPH-418.1 | BTEX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H5777-1 | 1 | G | 1 | | | ✓ | | | | | | | 4-10 | 1500 | ✓ | ✓ |
| -2 | 2 | | 1 | | | ✓ | | | | | | | | | ✓ | ✓ |
| -3 | 3 | | 1 | | | ✓ | | | | | | | | | ✓ | ✓ |
| -4 | 4 | | 1 | | | ✓ | | | | | | | | | ✓ | ✓ |
| -5 | 5 | | 1 | | | ✓ | | | | | | | | | ✓ | ✓ |
| -6 | 6 | | 1 | | | ✓ | | | | | | | | | ✓ | ✓ |
| -7 | 7 | | 1 | | | ✓ | | | | | | | | | ✓ | ✓ |
| -8 | 8 | | 1 | | | ✓ | | | | | | | | | ✓ | ✓ |
| -9 | 9 | | 1 | | | ✓ | | | | | | | | | ✓ | ✓ |
| -10 | 10 | | 1 | | | ✓ | | | | | | | | | ✓ | ✓ |

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

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

| | | | |
|---|---|---|---|
| Sampler Relinquished: | Date: | Received By: | Phone Result: ☐ Yes ☐ No Add'l Phone #: |
| | Time: | | Fax Result: ☐ Yes ☐ No Add'l Fax #: |
| Relinquished By: | Date: 4/10/01 | Received By: (Lab Staff) | REMARKS: |
| | Time: 4:00 | | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | Sample Condition: Cool ☑ Yes ☐ No; Intact ☑ Yes ☐ No | CHECKED BY: (Initials) |

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**CARDINAL LABORATORIES, INC.**
2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page____ of ____

| | |
|---|---|
| Company Name: J & L LANDFARM | **BILL TO** |
| Project Manager: Judy Roberts | P.O. #: |
| Address: PO BOX 356 | Company: |
| City: Hobbs State: NM Zip: 88240 | Attn: |
| Phone #: (505) 393-9697 Fax #: | Address: |
| Project #: Project Owner: | City: |
| Project Name: | State: Zip: |
| Project Location: | Phone #: |
| Sampler Name: | Fax #: |

| LAB USE ONLY Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | CRUDE OIL | SLUDGE | OTHER: | PRESERV.: ACID/BASE: | ICE / COOL | OTHER: | SAMPLING DATE | TIME | ANALYSIS REQUEST: 418.1 | BTEX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H5077-11 | B-1 | G | 1 | | | ✓ | | | | | | | 4-10 | 1500 | ✓ | ✓ |

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

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 20% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

| | | | |
|---|---|---|---|
| Sampler Relinquished: [signature] | Date: | Received By: | Phone Result: ☐ Yes ☐ No Add'l Phone #: |
| | Time: | | Fax Result: ☐ Yes ☐ No Add'l Fax #: |
| Relinquished By: | Date: 4/10/01 | Received By: (Lab Staff) [signature] | REMARKS: |
| | Time: 4:00 | | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | Sample Condition: Cool ☐ Yes ☐ No; Intact ☑ Yes ☐ No | CHECKED BY: (Initials) |

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

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J&L LANDFARM
ATTN: JUDY ROBERTS
P.O. BOX 356
HOBBS, NM 88241
FAX TO:

Receiving Date: 04/10/01
Reporting Date: 04/12/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 04/10/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

| LAB NO. | SAMPLE ID | TPH (mg/Kg) | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) |
|---|---|---|---|---|---|---|
| ANALYSIS DATE: | | 04/11/01 | 04/10/01 | 04/10/01 | 04/10/01 | 04/10/01 |
| H5777-1 | #1 | <10.0 | <0.005 | 0.009 | 0.012 | 0.074 |
| H5777-2 | #2 | <10.0 | <0.005 | <0.005 | 0.005 | 0.027 |
| H5777-3 | #3 | 276 | <0.005 | <0.005 | <0.005 | 0.024 |
| H5777-4 | #4 | <10.0 | <0.005 | <0.005 | <0.005 | 0.022 |
| H5777-5 | #5 | <10.0 | <0.005 | <0.005 | 0.005 | 0.025 |
| H5777-6 | #6 | <10.0 | <0.005 | <0.005 | 0.005 | 0.025 |
| H5777-7 | #7 | <10.0 | <0.005 | <0.005 | <0.005 | 0.016 |
| H5777-8 | #8 | <10.0 | <0.005 | <0.005 | 0.005 | 0.029 |
| H5777-9 | #9 | <10.0 | <0.005 | <0.005 | <0.005 | <0.015 |
| H5777-10 | #10 | <10.0 | <0.005 | <0.005 | <0.005 | 0.017 |
| H5777-11 | B-1 | <10.0 | <0.005 | <0.005 | <0.005 | 0.015 |
| | | | | | | |
| Quality Control | | 244 | 0.093 | 0.096 | 0.092 | 0.287 |
| True Value QC | | 240 | 0.100 | 0.100 | 0.100 | 0.300 |
| % Recovery | | 102 | 92.5 | 95.5 | 92.2 | 95.6 |
| Relative Percent Difference | | 0.1 | 14.7 | 5.4 | 3.1 | 1.5 |

METHODS: TRPHC - EPA 600/4-79-020, 418.1; BTEX - EPA SW-846 8260

Burgett A. Cooke
Chemist

4/12/01
Date

H5777.XLS

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**CARDINAL LABORATORIES, INC.**
2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page____ of____

| | |
|---|---|
| Company Name: J & L LANDFARM INC | **BILL TO** |
| Project Manager: | P.O. #: SAME |
| Address: P.O. BOX 356 | Company: |
| City: Hobbs State: N.M. Zip: 88240 | Attn: |
| Phone #: 505-393-9697 Fax #: | Address: |
| Project #: Project Owner: | City: |
| Project Name: | State: Zip: |
| Project Location: | Phone #: |
| Sampler Name: | Fax #: |

| LAB USE ONLY Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | CRUDE OIL | SLUDGE | OTHER: | PRESERV.: ACID/BASE: | ICE / COOL | OTHER: | SAMPLING DATE | TIME | ANALYSIS REQUEST: BTEX | TPH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H5837-1 | Cell #3 | | | | | ✓ | | | | | | | 4/30 | 12:30 | ✓ | ✓ |

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Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collection, including attorney's fees.

| | | | |
|---|---|---|---|
| Sampler Relinquished: | Date: 4-30-01 Time: 12:30 PM | Received By: | Phone Result: ☐ Yes ☐ No Add'l Phone #: |
| Relinquished By: Lee M. Roberts | Date: Time: | Received By: (Lab Staff) Amy Hill | Fax Result: ☐ Yes ☐ No Add'l Fax #: |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | Sample Condition Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No | CHECKED BY: (Initials) |

REMARKS:

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

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J&L LANDFARM, INC.
ATTN: LEE M. ROBERTS
P.O. BOX 356
HOBBS, NM 88241
FAX TO:

Receiving Date: 04/30/01
Reporting Date: 05/01/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 04/30/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

| LAB NO. | SAMPLE ID | TPH (mg/Kg) | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) |
|---|---|---|---|---|---|---|
| ANALYSIS DATE: | | 04/30/01 | 04/30/01 | 04/30/01 | 04/30/01 | 04/30/01 |
| H5837-1 | CELL #3 | <10 | <0.005 | 0.011 | 0.005 | 0.028 |
| Moved - over 2 feet. Same depth | | | | | | |
| Many Have Droped Something - | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Quality Control | | 239 | 0.107 | 0.104 | 0.106 | 0.306 |
| True Value QC | | 240 | 0.100 | 0.100 | 0.100 | 0.300 |
| % Recovery | | 99.5 | 107 | 104 | 106 | 102 |
| Relative Percent Difference | | 3.6 | 1.0 | 3.7 | 1.7 | 0.9 |

METHODS: TRPHC - EPA 600/4-79-020, 418.1; BTEX - EPA SW-846 8260

Burgess J. Cooke
Chemist

5/1/01
Date

H5837.XLS

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

J&L Landfarm, Inc.
Subj: Cell Test 1-15,B-1
Period: 1st Qtr
Date: 5/10/2001

**non-exempt cells:**
1, 3, 5, 6, 7, 15

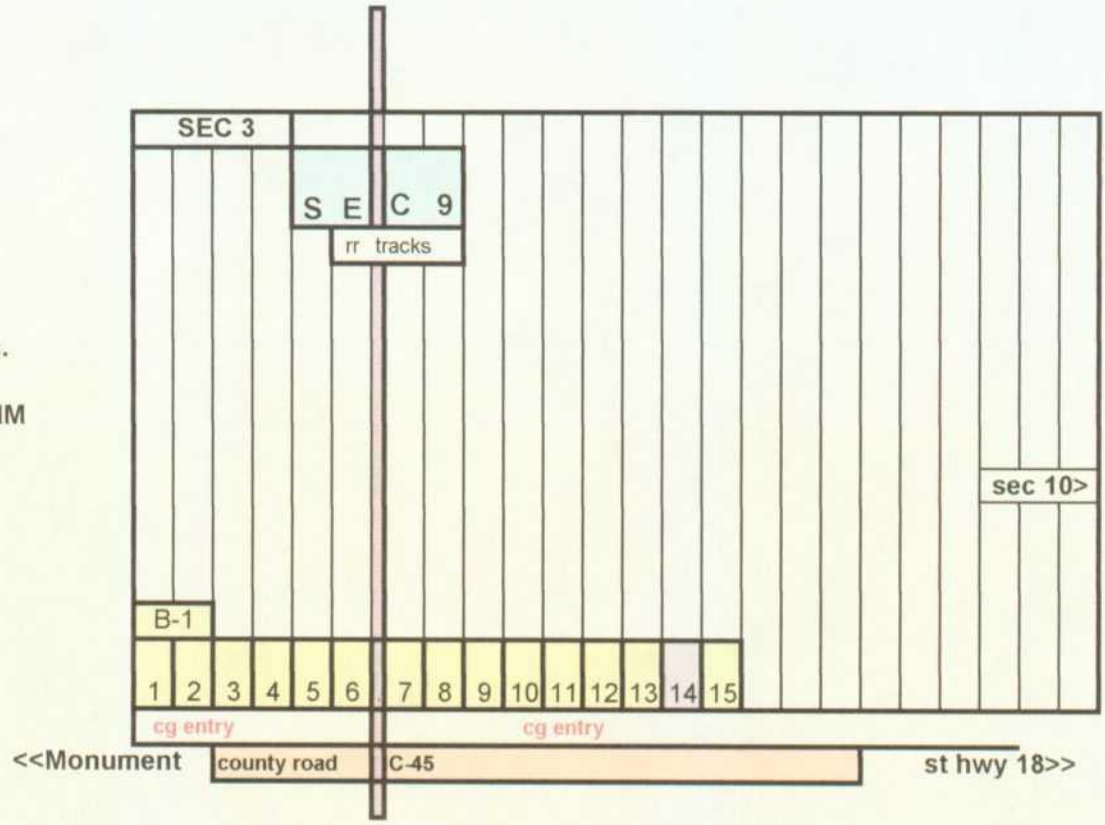
**exempt cells:**
2, 4, 8, 9, 10, 11, 12, 13, B-1

N
~~~
S

x denotes soil sample location

| cell 1 | cell 2 | cell 3 | cell 4 | cell 5 | cell 6 | cell 7 | cell 8 | cell 9 |
|---|---|---|---|---|---|---|---|---|
| x | x | x | x | x | x | x | x | x |
| **cell 10** | **cell 11** | **cell 12** | **cell 13** | **cell 14** | **cell 15** | **B-1** | | |
| x | | | | open | | x | | |
~~~

J&L Landfarm, Inc.
TS 20S R38E
Nadine, Lea Co., NM
N/2 N/2 Sec 9
N/2 N/2 Sec 10



| SOIL DEPOSITS/CELL DATA | | YEAR 2001 | | QTR 1st | | Report Date 4//01 | | |
|---|---|---|---|---|---|---|---|---|
| New deposits after 4th qtr report/2000 | | DEP/ACTIVE CELL | | 13 | | | | |
| cells included in this report: 1-10, B-1 | | NEW CELLS | | 0 | | | | |
| Project #: 1-10, B-1 | | CELLS: 11, 12, 13, 15 TO BE TESTED 2ND QTR F/ 6TH MONTH ACTIVE | | | | | | |
| Project: qtr testing(TPH/B-TEX) | | cells: 1-10, B-1 no new deposits | | | | | | |
| Project location: sec 9, LF | | | | | | | | |
| | | | | | | | | |
| | Tests | TPH/B-TEX | | | | | | |
| | Cells | 1-10 & B-1 | | | | | | |
| | | | | | | | | |
| Company | Site | Date Dep | Job # | Total | Amt Haul | | Cell # | Cell Total |
| | | | | Haul | Rock | Soil | | Soil |
| | | | | | | | | cumlative |
| Am Hess | BM Marcus #2 | 1/2/01 | 116 | 216 | | 216 | 13 | 2052 |
| Am Hess | WMU Btry | 1/2/01 | 117 | 96 | | 96 | 13 | 2148 |
| Enerquest Res | Pearl Goode #3 | 2/6/01 | 118 | 27 | | 27 | 13 | 2175 |
| Am Hess | NMG/SAU 222 | 4/5/01 | 119 | 212 | | 212 | 13 | 2387 |
| Am Hess | NMG/SAU 1811 | 4/6/01 | 120 | 40 | | 40 | 13 | 2427 |
| Beach Expl, Inc | Laughlin #1 | 4/17-18/01 | 121 | 972 | | 972 | 13 | 3399 |
| Am Hess | MJ Bailey #2 | 4/20/01 | 277 | 96 | | 96 | 13 | 3495 |
| Mewbourne Oil | Carter Lease | 4/24/01 | 337 | 9 | | 9 | 13 | 3504 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | report/2nd qtr/2001/6 mo test | | | | | | | |

| QUICK VIEW/CELL STATUS | | | | | | |
|---|---|---|---|---|---|---|
| | | | YEAR | 2001 | | |
| CELL # | COMPANY | | DATE OPENED | TOTAL CELL SOIL/AVAILABLE SPACE | | |
| | exempt | non-exempt | | YARDS | capacity reached | available space |
| 1 | Eott Energy | | 10/8/1999 | 3960 | 0 | |
| 2 | Apache Corp | | 6/18/1999 | 3524 | 0 | |
| | Texaco E&P | | | | | |
| 3 | Eott Energy | | 1/19/2000 | 3948 | 0 | |
| 4 | Amerada Hess | | 12/1/1999 | 3905 | 0 | |
| 5 | Eott Energy | | 1/18/2000 | 3912 | 0 | |
| 6 | Eott Energy | | 11/18/1999 | 3428 | 572 | |
| 7 | Eott Energy | | 12/9/1999 | 3138 | 862 | |
| 8 | Amerada Hess | | 12/21/1999 | 3886 | 114 | |
| | Tamarack Pet | | | | | |
| | Rice Operating Co. | | | | | |
| 9 | Equilon Pipeline | | 7/12/2000 | 4000 | 0 | |
| 10 | Equilon Pipeline | | 7/12/2000 | 4000 | 0 | |
| | Lanexco, Inc | | | | | |
| | Apache Corp | | | | | |
| | Tamarack Pet | | | | | |
| | Equiva Services | | | | | |
| B-1 | Oxy USA | | 8/21/2000 | 3928 | 0 | |
| 11 | Equiva Services | | 10/19/2000 | 4000 | 0 | |
| 12 | Equiva Services | | 10/19/2000 | 4000 | 0 | |
| 13 | Equiva Services | | 11/16/2000 | 3504 | 496 | |
| | Apache Corp | | | | | |
| | Amerada Hess | | | | | |
| | Enerquest Resources | | | | | |
| | Mewbourne Oil | | | | | |
| | Beach Expl, Inc | | | | | |
| 14 | | | | | OPEN | |
| 15 | Sun Pipeline Co. | | 12/5/2000 | 343 | 3657 | |
| | | | | | | |
| 4/30/2001 | END 1ST QTR | | | 53476 | | |

23

# J&L LANDFARM, INC.

P.O. BOX 356
8301 EUNICE HWY.
HOBBS, NEW MEXICO 88241-0356

Phone (505) 393-9697
Fax (505) 393-8537

RECEIVED
FEB - 1 2001
OIL CONSERVATION DIVISION

January 22, 2001

Martyne J. Kieling
NM Energy, Minerals & Natural Resources, OCD
2040 South Pacheco Street
Santa Fe, New Mexico 87505

**RE: Facility quarterly/annual RCRA testing**
**4th qtr, 2000**

Dear Ms. Kieling:

Attached are the results of the required 4th quarter analytical testing for TPH/B-TEX for active cells, 1—10 & B-1. Required annual RCRA testing was also conducted on cells 1—8.

Soil samples were retrieved and delivered to Cardinal Laboratories on 12/21/00. Initial TPH tests on cell #1 show a testing result of 573 ppm. A new sample of soil was retrieved on 1/11/01 from cell #1 and submitted to Cardinal for a new analysis and a copy of that result is also attached.

Attached supporting exhibits:

**A) Analytical Test Results with Chain of Custody Analysis Request**
**B) Denoted sample collection area and cell location area**
**C) Updated cell data of recent soil deposits**
**D) Quick-View of all active cells**

If you need other information or have any questions, please call me at (505) 393-9697.

Sincerely,

Judy L. Roberts

Judy L. Roberts
att
cc Donna Williams, Hobbs OCD

# CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | |
|---|---|
| Company Name: J.L LANDFARM | BILL TO |
| Project Manager: LEE ROBERTS | P.O. #: |
| Address: PO BOX 356 | Company: |
| City: HOBBS State: NM Zip: 88240 | Attn: |
| Phone #: 393-9697 Fax #: | Address: |
| Project #: Project Owner: | City: |
| Project Name: | State: Zip: |
| Project Location: | Phone #: |
| Sampler Name: | Fax #: |

ANALYSIS REQUEST

| FOR LAB USE ONLY Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | CRUDE OIL | SLUDGE | OTHER: | PRESERV.: ACID/BASE: | ICE / COOL | OTHER: | SAMPLING DATE | TIME | RCRA METALS | TPH, BTEX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H8460-1 | Cell 1 | G | | | | X | | | | | | | 12/21/00 | 10:30 | X | X |
| -2 | 2 | | | | | X | | | | | | | | | X | X |
| -3 | 3 | | | | | X | | | | | | | | | X | X |
| -4 | 4 | | | | | X | | | | | | | | | X | X |
| -5 | 5 | | | | | X | | | | | | | | | X | X |
| -6 | 6 | | | | | X | | | | | | | | | X | X |
| -7 | 7 | | | | | X | | | | | | | | | X | X |
| -8 | 8 | | | | | X | | | | | | | | | X | X |
| -9 | 9 | | | | | X | | | | | | | | | | X |
| -10 | 10 | | | | | X | | | | | | | | | | X |

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Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collection, including attorney's fees.

| | | | |
|---|---|---|---|
| Sampler Relinquished: [signature] | Date: | Received By: | Phone Result: ☐ Yes ☐ No Add'l Phone #: |
| | Time: | | Fax Result: ☐ Yes ☐ No Add'l Fax #: |
| Relinquished By: | Date: 12/21/00 | Received By: (Lab Staff) [signature] | REMARKS: |
| | Time: 11:45 | | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | Sample Condition: Cool ☒ Yes ☐ No; Intact ☒ Yes ☐ No | CHECKED BY: (Initials) |

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

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J & L LANDFARM
ATTN: LEE ROBERTS
P.O. BOX 356
HOBBS, NM 88240
FAX TO:

Receiving Date: 12/21/00
Reporting Date: 01/02/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Analysis Date: 12/28/00
Sampling Date: 12/21/00
Sample Type: SOIL
Sample Condition: COOL AND INTACT
Sample Received By: BC
Analyzed By: BC

| LAB NUMBER | SAMPLE ID | TPH (mg/Kg) |
|---|---|---|
| H5460-1 | CELL 1 | 573 |
| H5460-2 | CELL 2 | 26.7 |
| H5460-3 | CELL 3 | <10 |
| H5460-4 | CELL 4 | <10 |
| H5460-5 | CELL 5 | <10 |
| H5460-6 | CELL 6 | 21.3 |
| H5460-7 | CELL 7 | 24.4 |
| H5460-8 | CELL 8 | <10 |
| H5460-9 | CELL 9 | <10 |
| H5460-10 | CELL 10 | 13.9 |
| H5460-11 | CELL 11 | 28.2 |
| | | |
| Quality Control | | 241 |
| True Value QC | | 240 |
| % Recovery | | 100 |
| Relative Percent Difference | | 3.0 |

-SEE ATTACHED FOR LATER TEST

METHOD: EPA 600/4-79-020 418.1

Burgess J. Cooke
Chemist

1/2/01
Date

H5460T.XLS

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CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J & L LANDFARM
ATTN: LEE ROBERTS
P.O. BOX 356
HOBBS, NM 88240
FAX TO:

Receiving Date: 12/21/00
Reporting Date: 12/29/00
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 12/21/00
Sample Type: SOIL
Sample Condition: COOL, INTACT
Sample Received By: BC-HOBBS
Analyzed By: JA

| LAB NUMBER | SAMPLE ID | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) |
|---|---|---|---|---|---|
| ANALYSIS DATE | | 12/28/00 | 12/28/00 | 12/28/00 | 12/28/00 |
| H5460-1 | CELL 1 | <0.002 | <0.002 | <0.002 | <0.006 |
| H5460-2 | CELL 2 | <0.002 | <0.002 | <0.002 | <0.006 |
| H5460-3 | CELL 3 | <0.002 | <0.002 | <0.002 | <0.006 |
| H5460-4 | CELL 4 | <0.002 | <0.002 | <0.002 | <0.006 |
| H5460-5 | CELL 5 | <0.002 | <0.002 | <0.002 | <0.006 |
| H5460-6 | CELL 6 | <0.002 | <0.002 | <0.002 | <0.006 |
| H5460-7 | CELL 7 | <0.002 | <0.002 | <0.002 | <0.006 |
| H5460-8 | CELL 8 | <0.002 | <0.002 | <0.002 | <0.006 |
| H5460-9 | CELL 9 | <0.002 | <0.002 | <0.002 | <0.006 |
| H5460-10 | CELL 10 | <0.002 | <0.002 | <0.002 | <0.006 |
| H5460-11 | CELL B1 | <0.002 | <0.002 | <0.002 | <0.006 |
| | | | | | |
| Quality Control | | 0.093 | 0.100 | 0.091 | 0.288 |
| True Value QC | | 0.100 | 0.100 | 0.100 | 0.300 |
| % Accuracy | | 93 | 100 | 91 | 96 |
| Relative Percent Difference | | 1.3 | 0.8 | 0.5 | 0.5 |

METHOD: EPA SW 846-8020, 5030, Gas Chromatography

Chemist

12-29-00
Date

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H5460SHOBBSBTEXONLY

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J & L LANDFARM
ATTN: LEE ROBERTS
P.O. BOX 356
HOBBS, NM 88240
FAX TO:

Receiving Date: 12/21/00
Reporting Date: 01/04/00
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 12/21/00
Sample Type: SOIL
Sample Condition: COOL AND INTACT
Sample Received By: BC
Analyzed By: AH/GP

RCRA METALS

| LAB NUMBER | SAMPLE ID | As ppm | Ag ppm | Ba ppm | Cd ppm | Cr ppm | Pb ppm | Hg ppm | Se ppm |
|---|---|---|---|---|---|---|---|---|---|
| ANALYSIS DATE: | | 12/29/00 | 12/29/00 | 12/29/00 | 12/29/00 | 12/29/00 | 12/29/00 | 01/04/01 | 01/02/01 |
| H5460-1 | CELL 1 | 0.811 | 14.55 | 56.35 | 1.95 | 8.45 | <1 | <0.2 | 0.306 |
| H5460-2 | CELL 2 | 2.38 | 13.75 | 102.3 | 2.65 | 10.30 | <1 | <0.2 | 1.18 |
| H5460-3 | CELL 3 | 0.848 | 11.60 | 55.85 | 2.35 | 8.45 | <1 | <0.2 | 0.472 |
| H5460-4 | CELL 4 | 0.792 | 11.55 | 68.75 | <1 | 9.20 | <1 | <0.2 | 0.501 |
| H5460-5 | CELL 5 | 0.458 | 11.45 | 59.25 | 4.40 | 13.45 | <1 | <0.2 | 0.197 |
| H5460-6 | CELL 6 | 2.21 | 29.85 | 104.3 | 5.35 | 10.95 | <1 | <0.2 | 1.02 |
| H5460-7 | CELL 7 | 0.506 | 12.10 | 59.90 | 5.20 | 12.10 | <1 | <0.2 | 0.249 |
| H5460-8 | CELL 8 | 0.753 | 12.5 | 66.00 | 5.35 | 22.10 | <1 | <0.2 | 0.432 |
| | | | | | | | | | |
| Quality Control | | 0.052 | 4.463 | 25.13 | 1.000 | 4.937 | 5.037 | 0.0095 | 0.196 |
| True Value QC | | 0.050 | 5.000 | 25.00 | 1.000 | 5.000 | 5.000 | 0.0100 | 0.200 |
| % Recovery | | 104 | 89.3 | 101 | 100 | 98.7 | 101 | 94.7 | 98.0 |
| Relative Percent Difference | | 1.7 | 0.1 | 4.0 | 0.4 | 3.4 | 1.6 | 2.2 | 1.1 |
| METHODS: EPA 600/4-79-020 | | 206.2 | 272.1 | 208.1 | 213.1 | 218.1 | 239.1 | 245.1 | 270.2 |
| METHODS: SW-846 | | 7060A | 7760A | 7080A | 7130 | 7190 | 7420 | 7470A | 7740 |

Amy Hill
Chemist

01/04/01
Date

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HE460M.XLS

# CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page____ of____

| | |
|---|---|
| Company Name: T&L LANDFARM | BILL TO |
| Project Manager: | P.O. #: 356 |
| Address: 8301 EUNICE HWY | Company: T&L LANDFARM |
| City: HOBBS State: N.M Zip: 88240 | Attn: |
| Phone #: 505-393-9697 Fax #: | Address: SAME |
| Project #: Project Owner: | City: |
| Project Name: CONDFARM | State: Zip: |
| Project Location: | Phone #: |
| Sampler Name: ELL #1 LMR | Fax #: |

ANALYSIS REQUEST

| FOR LAB USE ONLY Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | CRUDE OIL | SLUDGE | OTHER: | PRESERV.: ACID/BASE: | ICE / COOL | OTHER: | SAMPLING DATE | TIME | TPH 418.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H5511-1 | CELL #1 | | 1 | | | ✓ | | | | | ✓ | | 01/11/2001 | 3:20P | ✓ |

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Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

| | | | |
|---|---|---|---|
| Sampler Relinquished: Joe M. Roberts | Date: 01-11-01 Time: 3:30 | Received By: | Phone Result: ☐ Yes ☐ No Add'l Phone #: |
| Relinquished By: | Date: 01/11/01 Time: 3:20P | Received By: (Lab Staff) | Fax Result: ☐ Yes ☐ No Add'l Fax #: |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | Sample Condition Cool: ☒ Yes ☐ No Intact: ☒ Yes ☐ No | CHECKED BY: (Initials) | REMARKS: |

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

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J&L LANDFARM
ATTN: L.M. ROBERTS
P.O. BOX 356
HOBBS, NM. 88241
FAX TO:

Receiving Date: 01/11/01
Reporting Date: 01/15/01
Project Number: NOT GIVEN
Project Name: LANDFARM
Project Location: CELL #1

Analysis Date: 01/12/01
Sampling Date: 01/11/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: BC

| LAB NUMBER | SAMPLE ID | TPH (mg/Kg) |
|---|---|---|
| H5511-1 | CELL #1 | <10 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| Quality Control | | 237 |
| True Value QC | | 240 |
| % Recovery | | 98.7 |
| Relative Percent Difference | | 4.5 |

SEE PREVIOUS TEST RESULT

METHOD: EPA 600/4-79-020 418.1

Chemist

1/15/01
Date

H5511.XLS

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J&L Landfarm, Inc.
Subj: Cell Test 1-15,B-1
Period: 4th qtr/2000
Date: 1/1/01

**non-exempt cells:**
**1, 3, 5, 6, 7, 15**

**exempt cells:**
**2, 4, 8, 9, 10, 11, 12, 13, B-1**

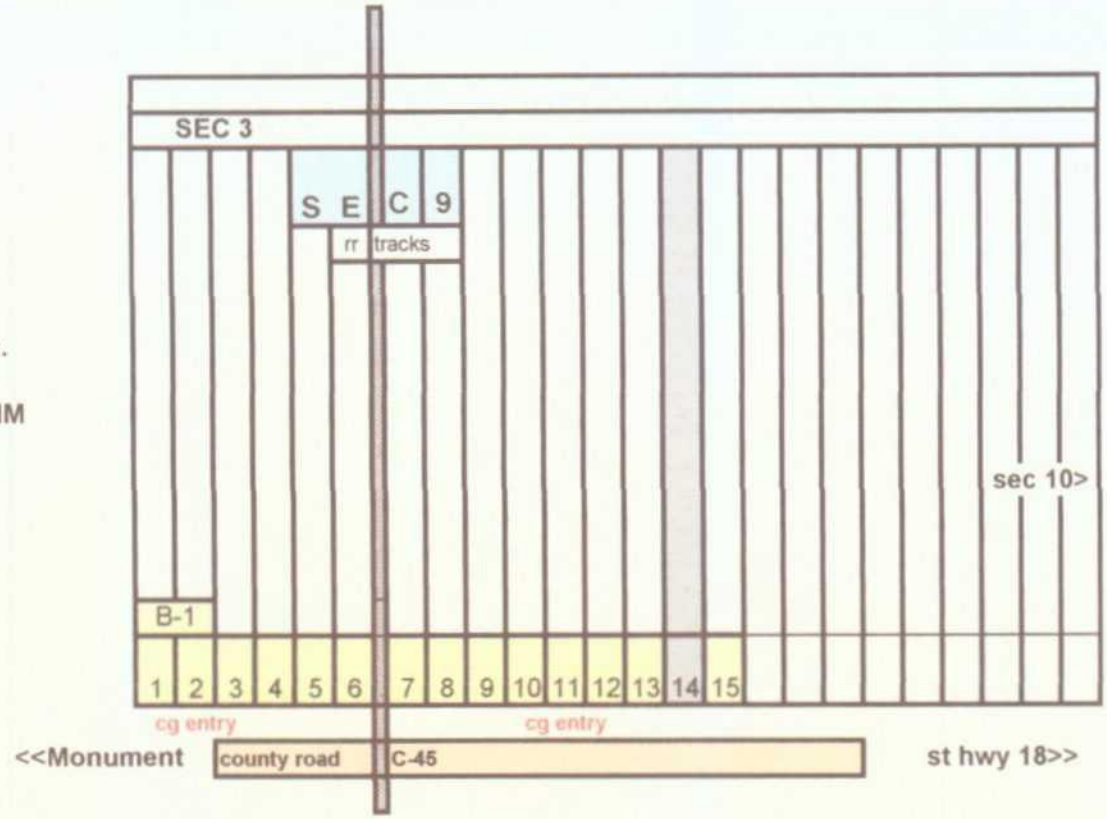
N
~~~
S

x denotes soil sample location

| cell 1 | cell 2 | cell 3 | cell 4 | cell 5 | cell 6 | cell 7 | cell 8 | cell 9 |
|---|---|---|---|---|---|---|---|---|
| x | x | x | x | x | x | x | x | x |

| cell 10 | cell 11 | cell 12 | cell 13 | cell 14 | cell 15 | B-1 | | |
|---|---|---|---|---|---|---|---|---|
| x | x | x | x | open | x | x | | |
~~~

J&L Landfarm, Inc.
TS 20S R38E
Nadine, Lea Co., NM
N/2 N/2 Sec 9
N/2 N/2 Sec 10



| SOIL DEPOSITS/CELL DATA | | YEAR 2000 | | QTR 4TH | | | | |
|---|---|---|---|---|---|---|---|---|
| New deposits after 3rd qtr report | | DEP/ACTIVE CELL | | 8 | | | | |
| cells included in this report: 1-10, B-1 | | NEW CELLS | | 9, 10, 11, 12, 13, 15 | | | | |
| | Project #1-10, B-1 | | | | | | | |
| | Project: cell tests: 1/4, 6mo, ann | | | | | | | |
| | Project location: sec 9, LF | | | | | | | |
| | | | | | | | | |
| | Tests | TPH/B-TEX | | RCRA | | | | |
| | Cells | 1-10 & B-1 | | 1--8 | | | | |
| | | | | | | | | |
| Company | Site | Date Dep | Job # | Total | Amt Haul | | Cell # | Cell Total |
| | | | | Haul | Rock | Soil | | Soil |
| | | | | | | | | cumlative |
| Equilon | Texaco Weir "B" Lease | 7/7-15/00 | 109 | 4000 | | 4000 | 9 | 4000 |
| exempt | | | | 2216 | | 2216 | 10 | 2216 |
| | | | | | | | | |
| Apache Corp | NE Drinkard Unit #518 | 7/12 | 107/145 | 120 | | 120 | 10 | 2336 |
| exempt | | | | | | | | |
| | | | | | | | | |
| Lanexco Inc | NM State AK | 7/19 | 143 | 168 | | 168 | 10 | 2504 |
| exempt | | | | | | | | |
| | | | | | | | | |
| Apache Corp | Chessea Cole Plumlee Bty | 7/13-31/00 | 108/146 | 84 | | 84 | 10 | 2528 |
| exempt | | | | | | | | |
| | | | | | | | | |
| Tamarack Pet | Patterson #1 Bty | 7/29-31/00 | 147 | 340 | | 340 | 10 | 2952 |
| exempt | | | | | | | | |
| | | | | | | | | |
| OXY USA | Fowler Lease | 8/21-29/00 | 148/149 | 8658 | 4730 | 3928 | B-1 | 3928 |
| exempt | | | | | | | | |
| | | | | | | | | |
| Rice Op. Co. | EME-Afe-H-692 | 10/17/00 | 111 | 60 | | 60 | 8 | 3946 |
| exempt | deposit in existing cell | | | | | | | |
| | | | | | | | | |
| Equiva Serv | Penrose "A" | 10/19-11/21 | 112/150/ | | | 1048 | 10 | 4000 |
| exempt | | | 113 | | | 4000 | 11 | 4000 |
| | | | | | | 4000 | 12 | 4000 |
| | | | | | | 1752 | 13 | 1752 |
| | | | | | | | | |
| Apache Corp | Gulf Bunin Lse Unit "C" | 11/22/00 | 114 | 84 | | 84 | 13 | 1836 |
| exempt | | | | | | | | |
| | | | | | | | | |
| Sunoco | Lea Station | 12/5/00 | 115 | 343 | | 343 | 15 | 343 |
| non-exempt | | | | | | | | |
| | | | | | | | | |
| | report/2nd qtr/2001/6 mo test | | | | | | | |

| QUICK VIEW/CELL STATUS | | | | | |
|---|---|---|---|---|---|
| | | YEAR | 2000 | | |
| CELL # | COMPANY | | DATE OPENED | TOTAL CELL SOIL/AVAILABLE SPACE | |
| | exempt | non-exempt | | YARDS | capacity reached / available space |
| 1 | Eott Energy | | 10/8/99 | 3960 | 0 |
| 2 | Apache Corp<br>Texaco E&P | | 6/18/99 | 3524 | 0 |
| 3 | Eott Energy | | 1/19/00 | 3948 | 0 |
| 4 | Amerada Hess | | 12/1/99 | 3905 | 0 |
| 5 | Eott Energy | | 1/18/00 | 3912 | 0 |
| 6 | Eott Energy | | 11/18/99 | 3428 | 572 |
| 7 | Eott Energy | | 12/9/99 | 3138 | 862 |
| 8 | Amerada Hess<br>Tamarack Pet<br>Rice Operating Co. | | 12/21/99 | 3886 | 114 |
| 9 | Equilon Pipeline | | 7/12/00 | | 0 |
| 10 | Equilon Pipeline<br>Lanexco, Inc<br>Apache Corp | | 7/12/00 | 2950 | 1050 |
| B-1 | Oxy USA | | 8/21/00 | 3928 | 0 |
| 11 | Equiva Services | | 10/19/00 | 4000 | 0 |
| 12 | Equiva Services | | 10/19/00 | 4000 | 0 |
| 13 | Equiva Services<br>Apache Corp | | 11/16/00 | 1836 | 2164 |
| 14 | OPEN | | | | OPEN |
| 15 | Sun Pipeline Co. | | 12/5/00 | 343 | 3657 |

**J&L LANDFARM, INC**

P.O. BOX 356
8301 EUNICE HWY.
HOBBS, NEW MEXICO 88241-0356

Phone (505) 393-9697
Fax (505)393-8537

September 29, 2000

Martyne J. Kieling
NM Energy, Minerals & Natural Resources, OCD
2040 South Pacheco Street
Santa Fe, New Mexico 87505

RECEIVED
OCT 2 3 2000
CONSERVATION DIVISION

**RE: Facility quarterly testing/report**
**3rd qtr./2000**

Dear Ms. Kieling:

Attached are the results of the required 3rd quarter analytical testing for 8(eight) cells active within the landfarm. Soil samples were analyzed for TPH and B-Tex levels. Of the 8 active cells, the only cell receiving new soil deposit was #8 cell. Three new cells were activated in July and August and will be included in the 4th quarter testing report for the required 6(six) month testing of new cells.

A cell site diagram denotes where all soil samples were retrieved. As required, samples were taken at least 2 to 3 feet below surface level under deposited contaminated soil. Samples were collected on 9/21/00 and immediately submitted to Cardinal Laboratories for testing.

Noted attached exhibits include:

**A) Analytical Test Results with Chain of Custody Analysis Request**
**B) Denoted sample collection area and cell location area**
**C) New deposits of soil in each of the 8 cells tested, since 2nd qtr report; recently activated cells named and denoted**

If you need other information or have any questions, please call me at (505) 393-9697.

Sincerely,

Judy L. Roberts
att
cc Donna Williams, Hobbs OCD

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J&L LANDFARM, INC.
P.O. BOX 356
HOBBS, NM 88240
FAX TO:

Receiving Date: 09/21/00
Reporting Date: 09/22/00
Project Number: CELLS 1-8
Project Name: QUARTERLY TEST/3RD QTR.
Project Location: SEC. 9

Sampling Date: 09/21/00
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

| LAB NO. | SAMPLE ID | TPH (mg/Kg) | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) |
|---|---|---|---|---|---|---|
| ANALYSIS DATE: | | 09/21/00 | 09/21/00 | 09/21/00 | 09/21/00 | 09/21/00 |
| H5193-1 | CELL #1 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H5193-2 | CELL #2 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H5193-3 | CELL #3 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H5193-4 | CELL #4 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H5193-5 | CELL #5 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H5193-6 | CELL #6 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H5193-7 | CELL #7 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H5193-8 | CELL #8 | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| | | | | | | |
| Quality Control | | 247 | 0.095 | 0.101 | 0.102 | 0.305 |
| True Value QC | | 240 | 0.100 | 0.100 | 0.100 | 0.300 |
| % Recovery | | 103 | 95.4 | 101 | 102 | 102 |
| Relative Percent Difference | | 4.4 | 1.5 | 4.5 | 1.5 | 1.0 |

METHODS: TRPHC - EPA 600/4-79-020, 418.1; BTEX - EPA SW-846 8260

Burgess A. Cooke
Chemist

9/22/00
Date

H5193.XLS

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

# CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page____ of____

| | |
|---|---|
| Company Name: J & L. LANDFARM INC. | BILL TO |
| Project Manager: | P.O. #: Box 356 |
| Address: P.O. Box 356 | Company: J & L. LANDFARM |
| City: Hobbs, State: N.M Zip: 88240 | Attn: |
| Phone #: 505-393-9697 Fax #: | Address: SAME |
| Project #: Cells 1-8 Project Owner: SAME | City: Hobbs, N.Mex. |
| Project Name: 1/4 TEST - 3rd QTR | State: N.M Zip: 88240 |
| Project Location: SEC. 9 | Phone #: 393-9697 |
| Sampler Name: | Fax #: |

ANALYSIS REQUEST: TPH 418.1; BTEX - Venoal box; Lee Roberts @ 1:45 p.m.

| FOR LAB USE ONLY Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | CRUDE OIL | SLUDGE | OTHER: | PRESERV.: ACID/BASE: | ICE / COOL | OTHER: | SAMPLING DATE | TIME | TPH 418.1 | BTEX - Venoal box |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H5193-1 | Cell #1 | G | | | | X | | | | | | | 9/2/00 | 12:00 | X | |
| -2 | #2 | G | | | | X | | | | | | | | | X | |
| -3 | #3 | | | | | X | | | | | | | | | X | |
| -4 | #4 | | | | | X | | | | | | | | | X | |
| -5 | #5 | | | | | X | | | | | | | | | X | |
| -6 | #6 | | | | | X | | | | | | | | | X | |
| -7 | #7 | | | | | X | | | | | | | | | X | |
| -8 | #8 | | | | | X | | | | | | | | | X | |

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

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collection, including attorney's fees.

| | | |
|---|---|---|
| Sampler Relinquished: Lee M. Roberts | Date: 9/2/00 Time: 1:15 PM | Received By: |
| Relinquished By: | Date: Time: | Received By: (Lab Staff) Burgess J. Cooke |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | Sample Condition: Cool ☑ Yes ☐ No; Intact ☑ Yes ☐ No | CHECKED BY: (Initials) |

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:
REMARKS:

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

J&L Landfarm, Inc.
Subject: 1/4 cell testing
Period: 3rd qtr.
Area: Cells #1--#8
Location: N/2 Sec 9
T20S, R38E

Date: 9/29/00

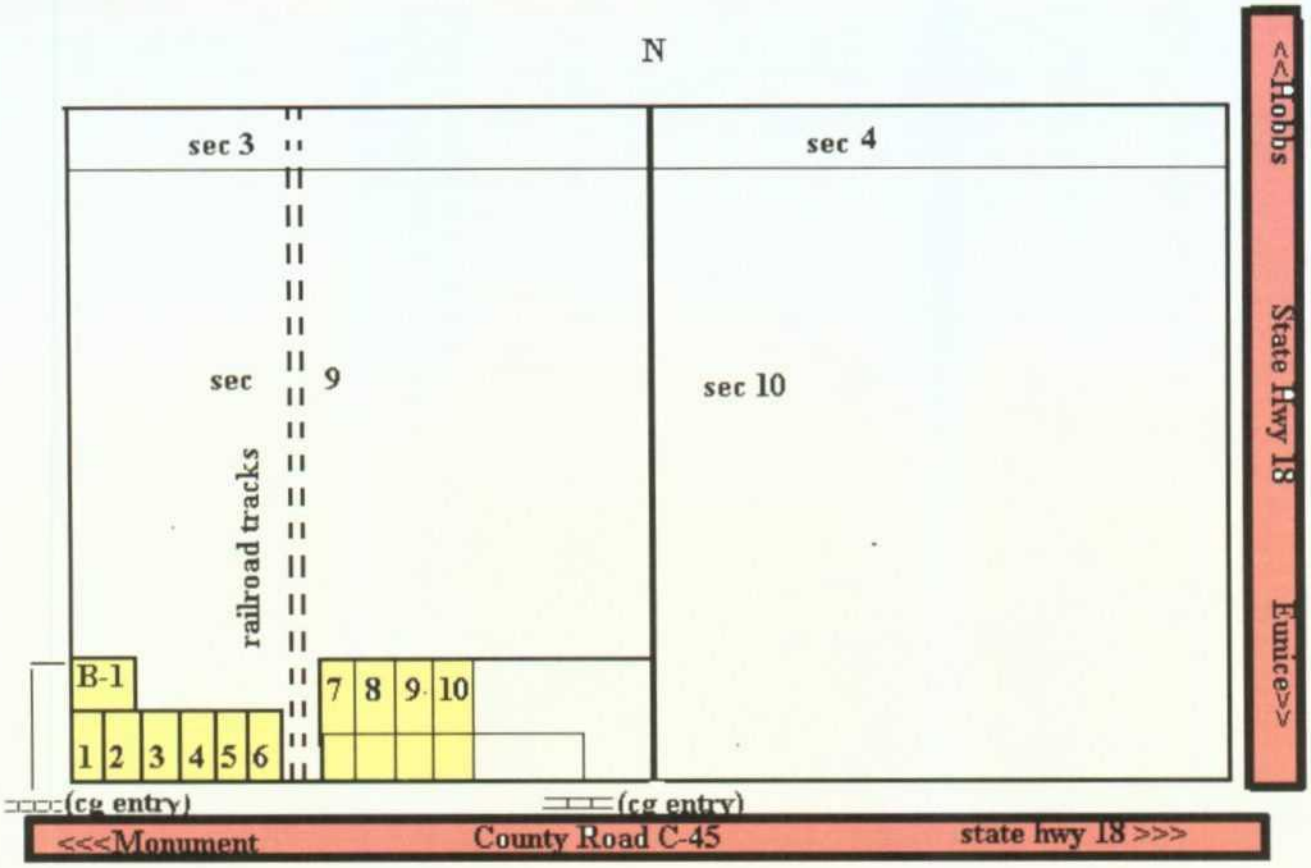
Non-Exempt cells: #1, #3, #5, #6, #7,

Exempt cells: #2, #4, #8

N
|
S

x denotes soil sample location

| cell 1 | cell 2 | cell 3 | cell 4 | cell 5 | cell 6 | cell 7 | cell 8 |
|---|---|---|---|---|---|---|---|
| x | x | x | x | x | x | x | x |




J&L Landfarm, Inc.
TS 20S R38E, Nadine, Lea Co., NM
N/2 N/2 Sec 9
N/2 N/2 Sec 10

| CELL DATA | | | |
|---|---|---|---|
| YEAR: 2000 | | | Status |
| new deposits/cells | | 8 | Exempt |
| new cells | 9,10,B-1 | | |

new deposits since 2nd qtr report

| Company | Site Loc | Date Dep | Job # | Total Haul | Amt Haul Rock/ Other | Amt Haul Soil | Cell # | Cell Total Soil |
|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | |
| Rice Op. Co | EME Jct J-10/H-10-1 | 7/3/00 | 144 | 20 yds | | 20 | 8 | 3886 |
| exempt | Klein Ranch | | | | | | | |
| | | | | | | | | |
| **** | | | | | | | | |
| Equilon Pipe | Texaco Weir "B" Lease | 7/7-15/00 | 109 | 4000 | | 4000 | 9 | 4000 |
| exempt | | | | 2216 | | 2216 | 10 | 2216 |
| | | | | | | | | |
| | | | | | | | | |
| Apache Corp. | North East Drinkard Unit #518 | | | | | | | |
| exempt | Chance Tool | 7/12 | 107–145 | 120 yds | | 120 | 10 | 2336 |
| | | | | | | | | |
| | | | | | | | | |
| Lanexco Inc | NM State AK | 7/19 | 143 | 168 yds | | 168 | 10 | 2504 |
| exempt | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Apache | Satellite 4-A | 7/20 | 110 | 24 yds | | 24 | 10 | 2528 |
| exempt | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Apache | Chessea Cole Plumlee Bty. | 7/13&8/1/00 | 108 & 146 | 84 yds | | 84 | 10 | 2612 |
| exempt | | | | | | | | |
| | | | | | | | | |
| Tamarack Pet | Patterson #1 Bty. | 7/29-31/00 | 147 | 340 yds. | | 340 | 10 | 2952 |
| exempt | | | | | | | | |
| | | | | | | | | |
| OXY, USA | Fowler Lease | 8/21-29/00 | 148 & 149 | 8658 yds. | 4730 | 3928 | B-1 | 3928 |
| exempt | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| ** | included on 3rd test report | | | | | | | |
| **** | include on 4th qtr test report as re- | RCRA due on 4th qtr report for cells 1-8 | | | | | | |
| | quired for 6 month test of new cells | | | | | | | |

| 99/00 | CELL STATUS DATA | | | Cell # | 8 |
|---|---|---|---|---|---|
| COMPANY | SITE LOC. | DATE DEP. | TYPE SOIL | AMT. HAUL | JOB # |
| | | | | | |
| Exempt | | | | | |

denotes rocks/pipe debris/brush: Approval fr/Chris Williams(OCD)-Hobbs) rocks used f/roads/stab berm

| | | | | | |
|---|---|---|---|---|---|
| Rice Op. Co. | E.M.E. S.W.D. (Byrd) Sec 1 T20S R36E | 12/21/99 | Exempt/Non-haz | 255 | 132 |
| | **TOTAL YARDAGE** | | | **255** | |
| | Total Cell | | | | **255** |
| Tamarack | Harkins #1 | 1/3/00 | Ex/Non-haz | 120 | 137 |
| | **TOTAL YARDAGE** | | | **120** | |
| | **TOTAL CELL** | | | | **375** |
| Rice Op. Co. | P-25 Facility | 1/6/99 | Ex/Non-haz | 325 | 135 |
| " | " | " | " | 220 | " |
| " | " | 1/7/99 | " | 203 | 136 |
| " | " | " | " | 87 | " |
| " | " | 1/10/99 | " | 308 | 332 |
| " | " | " | " | 72 | " |
| " | " | 1/11/99 | " | 754 | 333 |
| " | " | " | " | 212 | " |
| " | " | 1/12/99 | " | 151 | 334 |
| " | " | " | " | 93 | " |
| | **TOTAL YARDS** | **Yd/Rocks=684** | **Yd/Soil=1741** | **2425** | |
| | **TOTAL CELL** | **Yd/Rocks=684** | **Yd/Soil=1741** | | **2800** |
| | **AVAILABLE SPACE** | | | **1884** | |
| | | | | | |
| Am Hess | Arco Phillips "B" Btry #62 | 2/100 | Ex/Non-haz | 227 | |
| " | " | " | " | 433 | |
| " | " | 2/2/00 | " | 341 | |
| " | " | " | " | 175 | |
| " | " | 2/3/00 | " | 455 | |
| " | " | " | " | 265 | |
| " | " | 2/4/00 | " | 564 | |
| " | " | " | " | 180 | |
| | **TOTAL YARDS** | **Yd/Rock=1053** | **Yd/Soil=1587** | **2640** | |
| | **TOTAL CELL** | **Yd/Rock=1737** | **Yd/Soil=3703** | | **5440** |
| | **AVAILABLE SPACE** | | | **297** | |
| Am Hess | MJ Raley #1 | 5/10/00 | Ex/Non-haz | 163 | 301 |
| | | " | | 42 | |
| | **TOTAL YDS** | **Yd/Rock=42** | **Yd/Soil=163** | **205** | |
| | **TOTAL CELL** | **Yd/Rock=1779** | **Yd/Soil=3866** | | **5645** |
| | **AVAILABLE SPACE** | | | **134** | |
| Rice Op Co. | EME Jct J-10/H-10-1 Klein Ranch | 7/3/00 | Ex/Non-Haz | 20 | 144 |
| | TOTAL CELL | | Yd/Soil=3886 | | |
| | | | Avail space | 114 | |

**J&L LANDFARM, INC.**

P.O. BOX 356
8301 EUNICE HWY.
HOBBS, NEW MEXICO 88241-0356

Phone (505) 393-9697
Fax (505) 393-8537

RECEIVED
AUG 18

August 8, 2000

Martyne J. Kieling
NM Energy, Minerals & Natural Resources, OCD
2040 South Pacheco Street
Santa Fe, New Mexico 87505

**RE: Cell #5, lab re-test for TPH level**
**2nd qtr.**

Dear Ms. Kieling:

Attached are the analytical testing results for cell #5 conducted for re-testing for TPH. The initial test, submitted 6/26/00, for the 2nd qtr. were higher than the normal level required by the State.

The sample was taken within the same area as the first, and 2-3 feet below surface level. Soil sample was iced and immediately submitted to Cardinal Lab for testing.

All cells will again be tested for quarterly analysis in September.

If you need other information, please call me at (505) 393-9697.

Sincerely,

Judy L. Roberts

Judy L. Roberts

cc Donna Williams, Hobbs OCD

mjk 8-18-00

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J & L LANDFARM
P.O. BOX 356
HOBBS, NM. 88241
FAX TO:

Receiving Date: 08/07/00
Reporting Date: 08/08/00
Project Number: ~~NOT GIVEN~~ Cell #5
Project Name: NOT GIVEN
Project Location: NOT GIVEN Sec 9

Analysis Date: 08/07/00
Sampling Date: 08/07/00
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

| LAB NUMBER | SAMPLE ID | TPH (mg/Kg) |
|---|---|---|
| H5064-1 | #5 | <10 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| Quality Control | | 229 |
| True Value QC | | 240 |
| % Recovery | | 95.6 |
| Relative Percent Difference | | 7.3 |

METHOD: EPA 600/4-79-020 418.1

Burgess J. G. Cobb
Chemist

8/8/00
Date

H5064.XLS

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**CARDINAL LABORATORIES, INC.**
2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page_____ of _____

| | |
|---|---|
| Company Name: J&L Landfarm Inc. | **BILL TO** |
| Project Manager: | P.O. #: |
| Address: P.O. Box 356 | Company: SAME |
| City: Hobbs State: N.M. Zip: 88240 | Attn: |
| Phone #: 393-9697 Fax #: | Address: |
| Project #: Cell #5 Project Owner: | City: |
| Project Name: Retest | State: Zip: |
| Project Location: | Phone #: |
| Sampler Name: | Fax #: |

| FOR LAB USE ONLY Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | CRUDE OIL | SLUDGE | OTHER: | PRESERV.: ACID/BASE: | ICE / COOL | OTHER: | SAMPLING: DATE | TIME | ANALYSIS REQUEST: TPH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H5064-1 | #5 | | | | | X | | | | | | | 8/7 | 9:00 | X |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

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Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

| | | | |
|---|---|---|---|
| Sampler Relinquished: Lee W. Robertson | Date: 8-7-00 Time: 9:00 AM | Received By: | Phone Result: ☐ Yes ☐ No / Add'l Phone #: |
| Relinquished By: | Date: 8/7/00 Time: 9:35 | Received By: (Lab Staff) Bryan K. Cooke | Fax Result: ☐ Yes ☐ No / Add'l Fax #: |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | Sample Condition: Cool ☒ Yes ☐ No; Intact ☒ Yes ☐ No | CHECKED BY: (initials) | REMARKS: |

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

J&L Landfarm, Inc.
Subject: 1/4 cell testing
Period: 2nd qtr/2000
Area: Cells #1--#8
Location: N/2 Sec 9
T20S, R38E

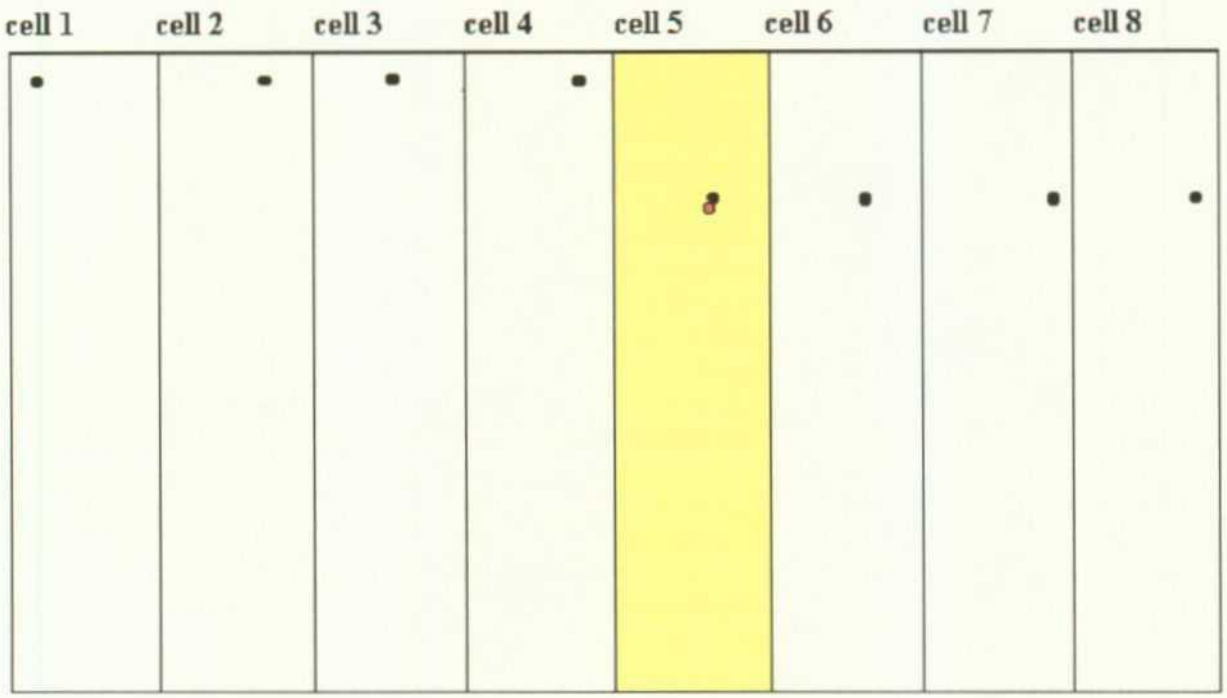
Date: June 11, 2000

Non-Exempt cells: #1, #3, #5, #6, #7,

Exempt cells: #2, #4, #8

N
S

● denotes soil sample location
● denotes sample retest area



**J&L LANDFARM, INC.**

P.O. BOX 356
8301 EUNICE HWY.
HOBBS, NEW MEXICO 88241-0356

Phone (505) 393-9697

RECEIVED
JUL 0 6 2000
Environmental Bureau
Oil Conservation Division

June 26, 2000

Martyne J. Kieling
NM Energy, Minerals & Natural Resources, OCD
2040 South Pacheco Street
Santa Fe, New Mexico 87505

**RE: Facility quarterly testing/report**
**2nd qtr./2000**

Dear Ms. Kieling:

Attached please find analytical testing results for all active cells within the landfarm facility. At present there are 8(eight) active cells within the facility. As required for quarterly testing, soil samples were analyzed for TPH and B-Tex levels.

A cell site diagram denotes where all soil samples were retrieved. As required, samples were taken at least 2 to 3 feet below surface level under deposited contaminated soil. Samples were collected on 6/11/00 and placed on ice after each collection. Samples were submitted to Environmental Lab of Texas for analytical testing.

Also attached is a copy of soil status data per each cell.

Noted attached exhibits include:

**A) Analytical Test Results**
**B) Denoted sample collection area**
**C) Individual cell data**

If you need other information or have any questions, please call me at (505) 393-9697.

Sincerely,

Judy L. Roberts

Judy L. Roberts
att

# ENVIRONMENTAL LAB OF TEXAS, INC.

*"Don't Treat Your Soil Like Dirt!"*

J & L LANDFARM, INC.
ATTN: MR. LEE M. ROBERTS
P.O. BOX 356
HOBBS, NEW MEXICO 88240
FAX: 505-393-8537

Sample Type: Soil
Sample Condition: Intact/ Iced/ 40 deg. F
Project #: None Given
Project Name: None Given
Project Location: None Given

Sampling Date: 06/11/00
Receiving Date: 06/12/00
Analysis Date: BTEX 6/14/00
Analysis Date: TPH 6/13/00

| ELT# | FIELD CODE | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYLBENZENE (mg/Kg) | m,p-XYLENE (mg/Kg) | o-XYLENE (mg/Kg) | TPH (mg/kg) |
|---|---|---|---|---|---|---|---|
| 26612 | #1 | <0.100 | <0.100 | <0.100 | <0.100 | <0.100 | <10 |
| 26613 | #2 | <0.100 | <0.100 | <0.100 | <0.100 | <0.100 | <10 |
| 26614 | #3 | <0.100 | <0.100 | <0.100 | <0.100 | <0.100 | 40 |
| 26615 | #4 | <0.100 | <0.100 | <0.100 | <0.100 | <0.100 | 10 |
| 26616 | #5 | <0.100 | <0.100 | <0.100 | <0.100 | <0.100 | 260 |
| 26617 | #6 | <0.100 | <0.100 | <0.100 | <0.100 | <0.100 | <10 |
| 26618 | #7 | <0.100 | <0.100 | <0.100 | <0.100 | <0.100 | 10 |
| 26619 | #8 | <0.100 | <0.100 | <0.100 | <0.100 | <0.100 | 50 |
| | % IA | 95 | 93 | 94 | 102 | 92 | 104 |
| | % EA | 87 | 87 | 91 | 99 | 92 | 104 |
| | BLANK | <0.100 | <0.100 | <0.100 | <0.100 | <0.100 | <10 |

METHODS: SW 846-8021B,5030 EPA 418.1

Umesh Rao

Umesh Rao, Ph. D.

6/15/00
Date

# Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: JUDY L. ROBERTS
Phone #: 505-393-9697
FAX #: 505-393-8537

Company Name & Address: J&L LANDFARM INC. P.O. BOX 356 HOBBS NM 88241-0356

Project #: 4 TEST-CELLS #1-8
Project Name:

Project Location: TS 20 SEC 9 R38E
Sampler Signature: Lee M. Roberts

ANALYSIS REQUEST

| LAB # (LAB USE ONLY) | FIELD CODE | # CONTAINERS | Volume/Amount | MATRIX: WATER | SOIL | AIR | SLUDGE | OTHER | PRESERVATIVE METHOD: HCL | HNO3 | ICE | NONE | OTHER | SAMPLING: DATE | TIME | BTEX 8020/5030 | TPH 418.1 | TCLP Metals Ag As Ba Cd Cr Pb Hg Se | Total Metals Ag As Ba Cd Cr Pb Hg Se | TCLP Volatiles | TCLP Semi Volatiles | TDS | RCI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 26612 | #1 | | | | ✓ | | | | | | ✓ | | | 6-11-00 | | ✓ | ✓ | | | | | | |
| 26613 | #2 | | | | ✓ | | | | | | ✓ | | | | | ✓ | ✓ | | | | | | |
| 26614 | #3 | | | | ✓ | | | | | | ✓ | | | | | ✓ | ✓ | | | | | | |
| 26615 | #4 | | | | ✓ | | | | | | ✓ | | | | | ✓ | ✓ | | | | | | |
| 26616 | #5 | | | | ✓ | | | | | | ✓ | | | | | ✓ | ✓ | | | | | | |
| 26617 | #6 | | | | ✓ | | | | | | ✓ | | | | | ✓ | ✓ | | | | | | |
| 26618 | #7 | | | | ✓ | | | | | | ✓ | | | | | ✓ | ✓ | | | | | | |
| 26619 | #8 | | | | ✓ | | | | | | ✓ | | | | | ✓ | ✓ | | | | | | |

| Relinquished by: | Date: | Times: | Received by: |
|---|---|---|---|
| Lee M. Roberts | 6-12-00 | 0950 | [signature] |
| Relinquished by: | Date: | Times: | Received by: |
| Relinquished by: | Date: | Times: | Received by Laboratory: |

REMARKS
40°F.

J&L Landfarm, Inc.
Subject: 1/4 cell testing
Period: 2nd qtr/2000
Area: Cells #1--#8
Location: N/2 Sec 9
T20S, R38E

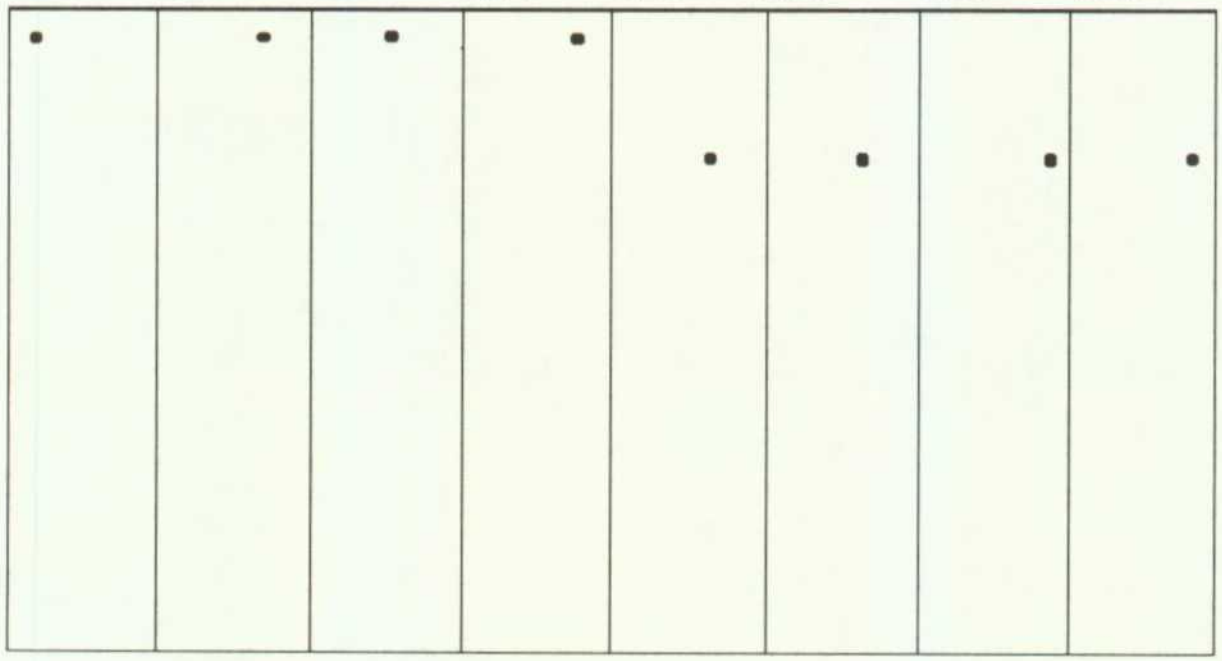
Date: June 11, 2000

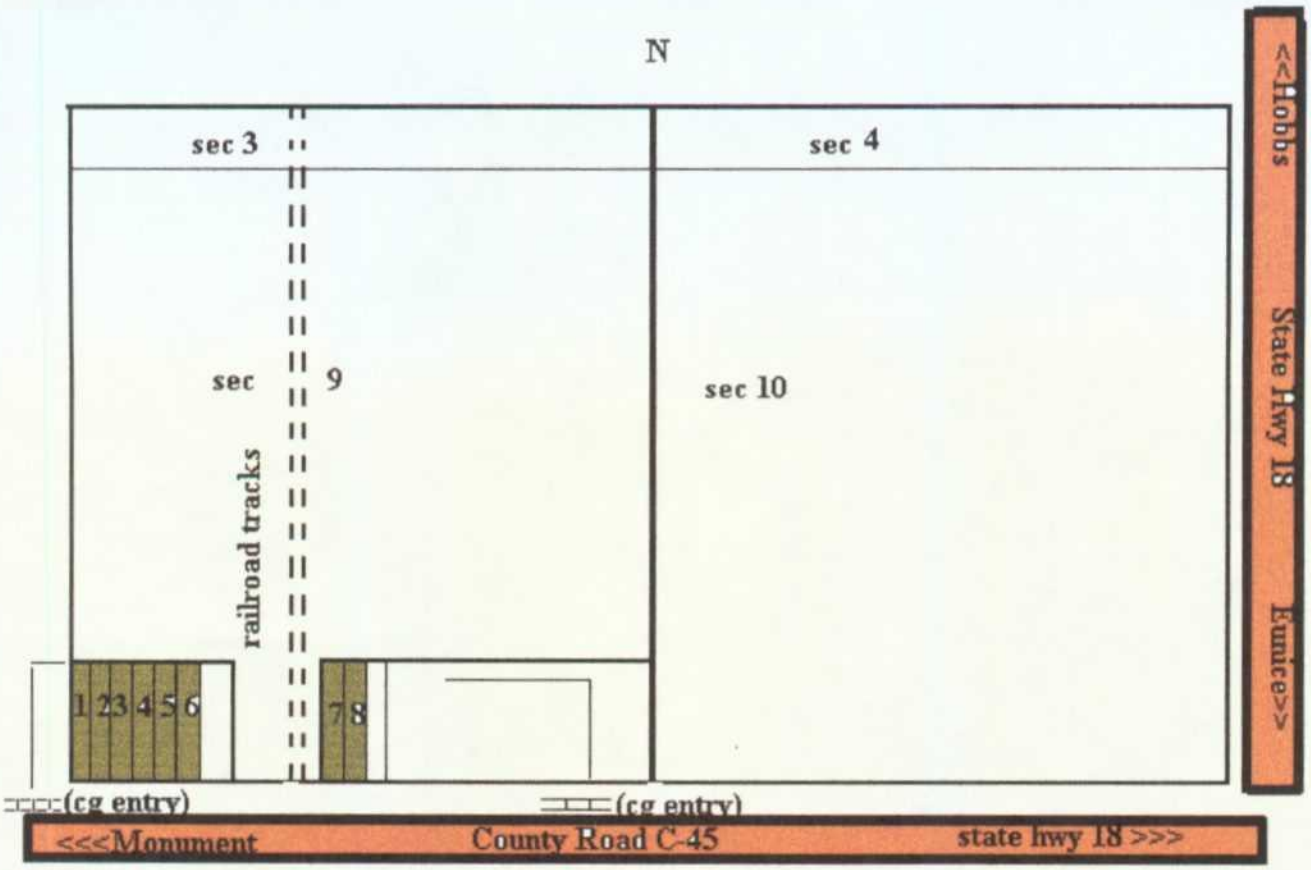
Non-Exempt cells: #1, #3, #5, #6, #7,

Exempt cells: #2, #4, #8

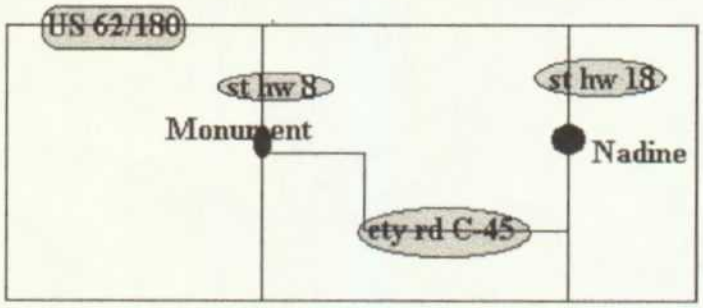
N
|
S

● denotes soil sample location






J&L Landfarm, Inc.
TS 20S R38E, Nadine, Lea Co., NM
N/2 N/2 Sec 9
N/2 N/2 Sec 10



| 1999 | CELL STATUS DATA | | | Cell # | 1 |
|---|---|---|---|---|---|
| COMPANY | SITE LOC. | DATE DEP. | TYPE SOIL | AMT. HAUL | JOB # |
| Non-Ex. | | | | | |
| | | | | | |
| Eott Energy | Unit C sec 20 T20S R37E(PQ) | 9/13/99 | Non-haz/Non-exempt | 264 | 126 |
| " | " | 9/14/99 | " | 360 | " |
| " | " | 9/15/99 | " | 240 | " |
| " | " | 9/16/99 | " | 228 | " |
| " | " | 9/20/99 | " | 468 | " |
| " | " | 9/21/99 | " | 444 | " |
| " | " | 9/22/99 | " | 360 | " |
| " | " | 9/23/99 | " | 372 | " |
| " | " | 9/24/99 | " | 360 | " |
| " | " | 9/27/99 | " | 396 | " |
| " | " | 9/28/99 | " | 468 | " |
| | | | | | |
| | **TOTAL YARDAGE(SEPT)** | **UNIT C (PQ)** | | **3960** | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | **CELL #1--FILLED TO CAPACITY** | | | | **10/8/99** |
| | | **TOTAL YARDAGE/CELL** | | | **3960** |

| 1999 | CELL STATUS DATA | | | | Cell #2 |
|---|---|---|---|---|---|
| COMPANY | SITE LOC. | DATE DEP. | TYPE SOIL | AMT. HAUL | JOB # |
| Exempt | | | | | |
| Apache Corp. | N.E.D.U.(central battery) | 6-18/6-24-99 | Exempt/Non-haz. | 732 yds. | 102 |
| | | | | | |
| Texaco E&P | Cent. Vac. Unit(satellite #6) | 8/24/99 | Exempt/Non-haz. | 72 yds. | 103 |
| | | | | | |
| Apache Corp. | N.E.D.U.(10" Line) | 10/1/99 | Exempt/Non-haz. | 416 yds. | 105 |
| " | " | 10/2/99 | " | 594 yds. | " |
| " | " | 10/4/99 | " | 600 yds. | " |
| " | " | 10/5/99 | " | 256 yds. | " |
| " | " | 10/6/99 | " | 662 yds. | " |
| " | " | 10/7/99 | " | 192 yds. | " |
| | | | | | |
| | TOTAL YARDAGE | | | 3524 | |
| | FILLED TIL REMEDIATION COMPLETE | | | | |
| | | | | | |

| 1999 | CELL STATUS DATA | | | Cell # | 3 |
|---|---|---|---|---|---|
| COMPANY | SITE LOC. | DATE DEP. | TYPE SOIL | AMT. HAUL | JOB # |
| N-E | | | | | |
| Eott | Unit C Sec 20 T20S R37E | 9/29/99 | Non-haz/Non-Exempt | 732 | 126 |
| " | " | 9/30/99 | " | 732 | " |
| | | | | | |
| **Cell #3 Sept. yardage(see Cell #1)** | | | | **1464** | |
| | **Unit C** | | | | |
| | | | | | |
| | | | | | |
| Eott | Unit C Sec 20 T20S R37E | 10/1/99 | Non-haz/Non-Exempt | 480 | 127 |
| " | " | 10/4/99 | " | 456 | " |
| " | " | 10/5/99 | " | 564 | " |
| " | " | 10/8/99 | " | 600 | 127 |
| | | | | | |
| **Cell #3 Oct. yardage(see Cell # 5)** | | | | | |
| | **Unit C(PQ)** | | | **2100** | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Eott | Unit V Sec 10 T21S R37E, Lea Co. | 10/6/99 | Non-haz/Non-ex | 84 | 328 |
| " | " | 10/8/99 | " | 96 | " |
| | | | | | |
| **Cell #3 Oct. yardage** | | | | | |
| | **Unit V** | | | **180** | |
| | | | | | |
| | | | | | |
| | | **Total yardage (10/8/99)** | | 3744 | |
| | | | | | |
| | | | | | |
| Eott | Sec 29 T19S R37E (Pipeline leak) | 1/19/00 | Non-haz/Non-ex | 204 | 139 |
| | | | | | |
| | | | | | |
| | **CELL FILLED TO CAPACITY 1/19/00** | | | 3948 | |

| 1999 | CELL STATUS DATA | | | | Cell #4 |
|---|---|---|---|---|---|
| COMPANY | SITE LOC. | DATE DEP. | TYPE SOIL | AMT. HAUL | JOB # |
| Exempt | | | | YARDS | |
| Amerada Hess | "AH" Texaco State "H" | 12/10/99 | Exempt/Non-Haz. | 312(rocks) | 106 |
| | Sec 32 T19S R37E | | " | | |
| " | " | 12/13/99 | " | 408(rocks) | " |
| " | " | 12/14/99 | " | 204(rocks) | " |
| | **Total Yds.** | Yd/Rock=924 | Yd/Soil=0 | **924** | |
| | | | | | |
| | **Total Cell** | Yd/Rock=924 | | | **924** |
| | | | | | |
| Am. Hess | Battery #61 Sec 32 T19S R37E AHC | 12/20/99 | Exempt/Non-Haz. | 96(rocks) | |
| Am. Hess | " | 12/22/99 | " | 377 | 331 |
| " | " | " | " | 127(rocks) | " |
| " | " | 12/23/99 | " | 312 | " |
| | | " | " | 108(rocks) | " |
| | | 12/27/99 | " | 84 | " |
| " | " | " | " | 240(rocks) | " |
| | **Total Yds.** | Yd/Rock=571 | Yd/Soil=773 | **1344** | |
| | | | | | |
| | **Total Cell** | Yd/Rock=1495 | Yd/Soil=773 | | **2268** |
| | | | | | |
| Am. Hess | Chevron JR Phillips Batt #64 | 1/12/00 | Ex/Non-haz. | 288 | |
| | **Total Yds.** | | Yd/Soil=288 | **288** | 138 |
| | | | | | |
| | **Total Cell** | Yd/Rock=1495 | Yd/Soil=1061 | | **2556** |
| | | | | | |
| | **Avail space** | | **2939** | | |
| | | | | | |
| Am. Hess | Arco Phillips B Batt #62 | 1/25/00 | Ex-Non-haz | 255 | 140 |
| | | | | **117** | " |
| " | " | 1/26/00 | " | 452 | " |
| | | | | **208** | " |
| " | " | 1/27/00 | " | 556 | " |
| | | | | **92** | " |
| " | " | 1/28/00 | " | 533 | " |
| | | | | **127** | " |
| " | " | 1/31/00 | " | 319 | " |
| | | | | **233** | " |
| | **Total Yds.** | Yd/Rock=777 | Yd/Soil=2115 | **2892** | |
| | | | | | |
| | **Total Cell** | Yd/Rock=2272 | Yd/Soil=3176 | | **5448** |
| | | | | | |
| | **Avail space** | | **824** | | |
| | | | | | |
| Am Hess | Arco Phillips "B" Batt #62 | 2/24/00 | Non-haz/Ex | 181 | 335 |
| | | | | 275 | " |
| | **Total Yds.** | Yd/Rock=275 | Yd/Soil=181 | **456** | |

| 1999/2000 | Cell #4--Cell Data Con't. | | | | |
|---|---|---|---|---|---|
| Exempt | | | | | |
| | | | | | |
| Company | Site Loc. | Date Dep | Type Soil | Amt. Haul | Job # |
| | | | | | |
| | Total cell | Yds/Rock=2427 | Yd/soil-3477 | | 5904 |
| | | | | | |
| | Avail space | | 523 | | |
| | | | | | |
| Am Hess | Arco Phillips 'B' Brty #62 | 3/2/00 | Ex-Non-haz | 504 | 142 |
| " | " | 3/3/00 | " | 492 | " |
| " | " | 3/23/00 | " | 432 | " |
| | | | | | |
| | Total Yards | Yd/rock=1000 | Yd/soil=428 | 1428 | |
| | | | | | |
| | Total Cell | Yd/rock=3427 | yd/soil=3905 | | 7332 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| | CELL STATUS DATA | | | | Cell #5 |
|---|---|---|---|---|---|
| COMPANY | SITE LOC. | DATE DEP. | TYPE SOIL | AMT. HAUL | JOB # |
| Non-Ex | | | | | |
| Eott | Unit C Sec 20 T20S R37E(PQ) | 10/12/99 | Non-haz/Non-Exempt | 672 | 127 |
| " | " | 10/13/99 | " | 912 | " |
| " | " | 10/14/99 | " | 468 | " |
| " | " | 10/15/99 | " | 828 | " |
| " | " | 10/18/99 | " | 732 | " |
| | | | | | |
| **Cell #5 Oct. yardage(see cell#3)** | | | | **3612** | |
| | **Unit C(PQ)** | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | **Total Yardage/Cell** | **10/18/99** | 3612 |
| | | | | | |
| Eott | Sec 29 T19S R37E(Pipeline leak) | 1/18/00 | Non-haz/Non-ex | 300 | 139 |
| **Cell #5 yardage f/Sec 29 T19S R37E** | | | | **300** | |
| | | | | | |
| | | | | | |
| | | | | | |
| | **CELL FILLED TO CAPACITY 1/18/00** | | **TOTAL YARDAGE** | **3912** | |
| | | | | | |
| | | | | | |
| | | | | | |

| 1999 | CELL STATUS DATA | | | Cell # | 6 |
|---|---|---|---|---|---|
| COMPANY | SITE LOC. | DATE DEP. | TYPE SOIL | AMT. HAUL | JOB # |
| Non-Ex | | | | | |
| | | | | | |
| Eott | Mon.(Rogers)10"L S32 T19S R37E | 11/15/99 | Non-haz/Non-ex. | 316 | 128 |
| " | " | 11/16/99 | " | 510 | " |
| " | " | 11/19/99 | " | 292 | " |
| " | " | 11/23/99 | " | 156 | " |
| " | " | 11/29/99 | " | 286 | " |
| " | " | 11/30/99 | " | 260 | " |
| | | | | | |
| **Cell #6(Nov.) yardage///Rogers 10" Line Leak** | | | | **1820** | |
| | | | | | |
| | | | | | |
| Eott | Mon.(Byrd)6"L S31 T19S R37E | 11/15/99 | Non-haz/Non-ex. | 432 | 129 |
| " | " | 11/16/99 | " | 564 | " |
| " | " | 11/17/99 | " | 348 | " |
| " | " | 11/18/99 | " | 264 | " |
| | | | | | |
| **Cell #6(Nov) yardage///Byrd 6" Line Leak** | | | | **1608** | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | **11/18/99** |
| | | **Total Yardage/Cell** | | | **3428** |

| 1999 | CELL STATUS DATA | | | Cell # | 7 |
|---|---|---|---|---|---|
| COMPANY | SITE LOC. | DATE DEP. | TYPE SOIL | AMT. HAUL | JOB # |
| | | | | | |
| Non-Ex | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| Eott | Unit C Sec 20 T20S R37E(PQ) | 11/17/99 | Non-haz/Non-ex. | 348 | 130 |
| " | " | 11/18/99 | " | 360 | " |
| " | " | 11/19/99 | " | 480 | " |
| " | " | 11/22/99 | " | 324 | " |
| " | " | 11/23/99 | " | 312 | " |
| " | " | 11/24/99 | " | 168 | " |
| | | | | | |
| | **Nov. yardage Unit C(PQ)** | | | **1992** | |
| | | | | | |
| | | | | | |
| | | | | | |
| Eott | Sec 32 T19S R37E (Rogers 10") | 12/1/99 | Non-haz/Non-ex. | 64 | 131 |
| " | " | 12/6/99 | " | 54 | " |
| " | " | 12/7/99 | " | 260 | " |
| " | " | 12/8/99 | " | 210 | " |
| " | " | 12/9/99 | " | 114 | " |
| | | | | | |
| | **Dec. yardage Sec 32(Rogers 10")** | | | **702** | |
| | | | | | |
| | | | | | |
| | | | | | |
| Eott | Unit C Sec 20 T20S R37E(PQ) | 12/8/99 | Non-haz/Non-ex. | 264 | 330 |
| " | " | 12/9/99 | " | 180 | " |
| | | | | | |
| | **Dec. yardage Unit C(PQ)** | | | **444** | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | **12/9/99** | |
| | **Cell #7** | | **Total Yardage/Cell** | **3138** | |

| Year | CELL STATUS DATA | | | Cell # | 8 |
|---|---|---|---|---|---|
| COMPANY | SITE LOC. | DATE DEP. | TYPE SOIL | AMT. HAUL | JOB # |
| Exempt | | | | | |
| | | | | | |
| denotes rocks/pipe debris/brush: Approval fr/ Chris | | | | | |
| Williams/OCD-Hobbs) rocks used f/roads/stab. Berm | | | | | |
| | | | | | |
| Rice Op. Co. | E.M.E. S.W.D. (Byrd) Sec 1 T20S R36E | 12/21/99 | Exempt/Non-haz. | 255 | 132 |
| | **Total Yardage** | | | **255** | |
| | | | | | |
| | **Total Cell** | | | | **255** |
| | | | | | |
| Tamarack | Harkins #1 | 1/3/00 | Exempt/Non-haz. | 120 | 137 |
| | **Total Yardage** | | | **120** | |
| | | | | | |
| | **Total Cell** | | | | **375** |
| | | | | | |
| Rice Op. Co. | P-25 Facility | 1/6/99 | Exempt/Non-haz. | 325 | 135 |
| " | " | " | " | 220 | " |
| " | " | 1/7/99 | " | 203 | 136 |
| " | " | " | " | 87 | " |
| " | " | 1/10/99 | " | 308 | 332 |
| " | " | " | " | 72 | " |
| " | " | 1/11/99 | " | 754 | 333 |
| " | " | " | " | 212 | " |
| " | " | 1/12/99 | " | 151 | 334 |
| " | " | " | " | 93 | " |
| | **Total Yardage** | **Yd/Rocks=684** | **Yd/Soil=1741** | **2425** | |
| | | | | | |
| | **Total Cell** | **Yd/Rock=684** | **Yd/Soil=2116** | | **2800** |
| | | | | | |
| | **Avail space** | | **1884** | | |
| | | | | | |
| | | | | | |
| Am Hess | Arco Phillips "B" Brty #62 | 2/1/00 | Ex/Non-Haz | 227 | 141 |
| " | " | " | " | 433 | " |
| " | " | 2/2/00 | " | 341 | " |
| " | " | " | " | 175 | " |
| " | " | 2/3/00 | " | 455 | " |
| " | " | " | " | 265 | " |
| " | " | 2/4/00 | " | 564 | " |
| " | " | " | " | 180 | " |
| | **Total Yardage** | **Yd/Rock=1053** | **Yd/Soil=1587** | **2640** | |
| | | | | | |
| | **Total Cell** | **Yd/Rock=1737** | **Yd/Soil=3703** | | **5440** |
| | | | | | |
| | **Avail space** | | **297** | | |
| | | | | | |
| | | | | | |

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J & L LANDFARM, INC.
P. O. BOX 356
HOBBS, NM 88241
FAX TO:

Receiving Date: 03/31/00
Reporting Date: 04/04/00
Project Number: NOT GIVEN
Project Name: CELL-1(~~1/2~~ 6 mo) CELL-2(1/4) CELL-3(~~1/2~~ 6 mo.)
Project Location: SEC. 9

Sampling Date: 03/31/00
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

| LAB NO. | SAMPLE ID | TPH (mg/kg) | BENZENE (mg/kg) | TOLUENE (mg/kg) | ETHYL BENZENE (mg/kg) | TOTAL XYLENES (mg/kg) |
|---|---|---|---|---|---|---|
| ANALYSIS DATE: | | 04/03/00 | 03/31/00 | 03/31/00 | 03/31/00 | 03/31/00 |
| H4761-1 | CELL #1 6 mo test | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H4761-2 | CELL #2 1/4 test | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| H4761-3 | CELL #3 6 mo test | <10 | <0.005 | <0.005 | <0.005 | <0.015 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Quality Control | | 241 | 0.090 | 0.100 | 0.099 | 0.300 |
| True Value QC | | 240 | 0.100 | 0.100 | 0.100 | 0.300 |
| % Recovery | | 100 | 90.2 | 100 | 98.7 | 100 |
| Relative Percent Difference | | 4.6 | 1.2 | 4.7 | 2.6 | 2.2 |

METHODS: TRPHC - EPA 600/4-79-020, 418.1; BTEX - EPA SW-846 8260

Chemist

04/04/2000
Date

H4761.XLS

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Environmental Bureau
Oil Conservation Division

# CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 (915) 673-7001 Fax (915) 673-7020

101 East Marland, Hobbs, NM 88240 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page____ of____

Company Name: JEL LANDFARM, INC.
Project Manager: Judy L. Roberts
Address: P.O. Box 356
City: HOBBS State: NM Zip: 88241-0356
Phone #: 505-393-9697
Fax #:
Project #: Project Owner: Judy L. Roberts
Project Name: BACKGROUND SAMPLE
Project Location: Sec 9/Sec 10 T20 R38E

BILL TO PO #:
Company: JEL LANDFARM, INC.
Attn: Judy L. Roberts
Address: P.O. Box 356
City: HOBBS
State: NM Zip: 88241-0356
Phone #: 505-393-9697
Fax #:

ANALYSIS REQUEST

| FOR LAB USE ONLY LAB I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | PRES.: ACID: | ICE / COOL | OTHER: | SAMPLING: DATE | TIME | TPH | BTEX | CATIONS/ANIONS | RCRA METALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N40557 | BACKGROUND COMPOSITE | C | | | | X | | | | | | | 3/26/99 | 9:15 | X | X | X | X |

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

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished: Judy L Roberts Date: Time:
Relinquished By: Date: 3/26/99 Time: 9:15
Received By:
Received By: (Lab Staff) Buzzy A Rook
Delivered By: (Circle One)
Sampler - UPS - Bus - Other:
Sample Condition: Cool ☒ Yes ☐ No; Intact ☒ Yes ☐ No
CHECKED BY: (Initials)
Phone Result ☐ Yes ☐ No Additional Fax #:
Fax Result: ☐ Yes ☐ No
REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

MK 4-7-

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

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APR 0 7 1999
Environmental Bureau
Oil Conservation Division

ANALYTICAL RESULTS FOR
J&L LANDFARM, INC.
ATTN: JUDY L. ROBERTS
P.O. BOX 356
HOBBS, NM 88241-0356
FAX TO:

Receiving Date: 03/26/99
Reporting Date: 04/01/99
Project Owner: JUDY L. ROBERTS
Project Name: BACKGROUND SAMPLE
Project Location: SEC 9/SEC 10 T20 R38E

Sampling Date: 03/26/99
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH

RCRA METALS

| LAB NUMBER | SAMPLE ID | As ppm | Ag ppm | Ba ppm | Cd ppm | Cr ppm | Pb ppm | Hg ppm | Se ppm |
|---|---|---|---|---|---|---|---|---|---|
| ANALYSIS DATE: | | 03/31/99 | 03/31/99 | 03/31/99 | 03/31/99 | 03/31/99 | 03/29/99 | 04/01/99 | 03/31/99 |
| H4085-1 | BACKGROUND COMPOSITE | 1.15 | 4.15 | <5 | 1.25 | <1 | <1 | <0.002 | 0.25 |
| Quality Control | | 0.053 | 4.653 | 21.45 | 0.932 | 5.448 | 4.884 | 0.0095 | 0.047 |
| True Value QC | | 0.050 | 5.000 | 20.00 | 1.000 | 5.000 | 5.000 | 0.0100 | 0.050 |
| % Recovery | | 106 | 93 | 107 | 93 | 109 | 98 | 95 | 94 |
| Relative Percent Difference | | 1.72 | 0.17 | 2.06 | 1.69 | 6.16 | 3.13 | 2.4 | 2.19 |
| METHODS: EPA 600/4-79-020 | | 206.2 | 272.1 | 208.1 | 213.1 | 218.1 | 239.1 | 245.1 | 270.2 |
| METHODS: SW-846 | | 7060A | 7760A | 7080A | 7130 | 7190 | 7420 | 7470A | 7740 |

Burgess A. Cooke
Chemist

4/1/99
Date

H4085M.XLS

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CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
J&L LANDFARM, INC.
ATTN: JUDY L. ROBERTS
P.O. BOX 356
HOBBS, NM 88241-0356
FAX TO:

Receiving Date: 03/26/99
Reporting Date: 03/29/99
Project Owner: JUDY L. ROBERTS
Project Name: BACKGROUND SAMPLE
Project Location: SEC 9/SEC 10 T20 R38E

Sampling Date: 03/26/99
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

| LAB NO. | SAMPLE ID | TPH (mg/kg) | BENZENE (mg/kg) | TOLUENE (mg/kg) | ETHYL BENZENE (mg/kg) | TOTAL XYLENES (mg/kg) |
|---|---|---|---|---|---|---|
| ANALYSIS DATE: | | 03/26/99 | 03/26/99 | 03/26/99 | 03/26/99 | 03/26/99 |
| H4085-1 | BACKGROUND | 11.0 | <0.002 | <0.002 | <0.002 | <0.006 |
| | COMPOSITE | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Quality Control | | 255 | 0.091 | 0.099 | 0.098 | 0.293 |
| True Value QC | | 240 | 0.100 | 0.100 | 0.100 | 0.300 |
| % Recovery | | 106 | 90.5 | 98.8 | 98.3 | 97.5 |
| Relative Percent Difference | | 0.1 | 1.3 | 0.2 | 1.8 | 1.6 |

METHODS: TRPHC - EPA 600/7-79-020, 418.1; BTEX - EPA SW-846 8260

Burgess A. Cooke
Chemist

3/29/99
Date

H4085BT.XLS

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ANALYTICAL RESULTS FOR
J&L LANDFARM, INC.
ATTN: JUDY L. ROBERTS
P.O. BOX 356
HOBBS, NM 88241-0356
FAX TO:

Receiving Date: 03/26/99
Reporting Date: 03/30/99
Project Owner: JUDY L. ROBERTS
Project Name: BACKGROUND SAMPLE
Project Location: SEC 9/SEC 10 T20 R38E

Sampling Date: 03/26/99
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH

| LAB NUMBER | SAMPLE ID | Na (mg/L) | Ca (mg/L) | Mg (mg/L) | K (mg/L) | Conductivity* (u mhos/cm) | T-Alkalinity (mgCaCO$_3$/L) |
|---|---|---|---|---|---|---|---|
| ANALYSIS DATE: | | 03/30/99 | 03/30/99 | 03/30/99 | 03/30/99 | 03/30/99 | 03/30/99 |
| H4085-1 | BACKGROUND | 0 | 282 | 83 | 150 | 514 | 816 |
| | COMPOSITE | | | | | | |
| | | | | | | | |
| Quality Control | | NR | 40 | 51 | 9.65 | 1402 | NR |
| True Value QC | | NR | 50 | 50 | 8 | 1413 | NR |
| % Accuracy | | NR | 80 | 102 | 119 | 99 | NR |
| Relative Percent Difference | | NR | 0.2 | 9.8 | - | 0.1 | NR |
| METHODS: | | | SM3500-Ca-D | 3500-Mg E | 8049 | 120.1 | 310.1 |

| | | Cl$^-$ (mg/L) | SO$_4$ (mg/L) | CO$_3$ (mg/L) | HCO$_3$ (mg/L) | pH* (s.u.) |
|---|---|---|---|---|---|---|
| ANALYSIS DATE: | | 03/30/99 | 03/30/99 | 03/30/99 | 03/30/99 | 03/30/99 |
| H4085-1 | BACKGROUND | 95 | 0 | 0 | 996 | 7.87 |
| | COMPOSITE | | | | | |
| | | | | | | |
| Quality Control | | 1127 | 48.87 | 112 | 221 | 7.03 |
| True Value QC | | 1319 | 50.00 | 124 | 259 | 7.00 |
| % Accuracy | | 85 | 98 | 90 | 85 | 100 |
| Relative Percent Difference | | 1.8 | 1.6 | - | - | 1.4 |
| METHODS: | | SM4500-Cl-B | 375.4 | 310.1 | 310.1 | 150.1 |

*Analyses performed on a 1:4 w:v aqueous extract.

Burgett J. Cooke
Chemist

3/30/99
Date

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Environmental Bureau
Oil Conservation Division

ANALYTICAL RESULTS FOR
J&L LANDFARM, INC.
ATTN: JUDY L. ROBERTS
P.O. BOX 356
HOBBS, NM 88241-0356
FAX TO:

Receiving Date: 01/04/00
Reporting Date: 01/05/00
Project Owner: ROBERTS
Project Name: #2 CELL 6 MONTH TEST
Project Location: SEC 9 T20 R38E

Sampling Date: 01/04/00
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

| LAB NUMBER | SAMPLE ID | GRO ($C_6$-$C_{10}$) (mg/Kg) | DRO (>$C_{10}$-$C_{28}$) (mg/Kg) | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) |
|---|---|---|---|---|---|---|---|
| ANALYSIS DATE: | | 01/04/00 | 01/04/00 | 01/04/00 | 01/04/00 | 01/04/00 | 01/04/00 |
| H4551-1 | CELL #2 | <50 | 62.1 | <0.002 | <0.002 | <0.002 | <0.006 |
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| | | | | | | | |
| Quality Control | | 1058 | 992 | 0.089 | 0.093 | 0.091 | 0.285 |
| True Value QC | | 1000 | 1000 | 0.100 | 0.100 | 0.100 | 0.300 |
| % Recovery | | 106 | 99.2 | 88.5 | 92.6 | 91.4 | 95.1 |
| Relative Percent Difference | | 5.0 | 10.6 | 3.1 | 11.0 | 16.7 | 14.4 |

METHODS: TPH(GRO & DRO) - EPA SW-846 8015 M; BTEX/MTBE-EPA SW-846 8260

Burgess J. A. Cooke, Ph. D.

1/5/00
Date

H4551A.XLS

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MJK 1-11-00

Treatment Zone
Monitoring