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**Work Order:** 1206276  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** IR207\_120709A

The QC data in batch 52626 applies to the following samples: 1206276-01A, 1206276-02A, 1206276-03A, 1206276-04A, 1206276-05A, 1206276-06A, 1206276-07A, 1206276-08A, 1206276-09A, 1206276-10A, 1206276-11A, 1206276-12A, 1206276-13A, 1206276-14A, 1206276-15A

|                             |                              |                                            |                            |         |      |          |           |      |          |      |
|-----------------------------|------------------------------|--------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>LCS-52626</b> | Batch ID: <b>52626</b>       | TestNo: <b>E418.1</b>                      | Units: <b>mg/Kg</b>        |         |      |          |           |      |          |      |
| SampType: <b>LCS</b>        | Run ID: <b>IR207_120709A</b> | Analysis Date: <b>7/9/2012 10:40:00 AM</b> | Prep Date: <b>7/9/2012</b> |         |      |          |           |      |          |      |
| Analyte                     | Result                       | RL                                         | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                            |      |      |       |   |      |    |     |  |  |   |
|----------------------------|------|------|-------|---|------|----|-----|--|--|---|
| Petroleum Hydrocarbons, TR | 94.4 | 10.0 | 100.0 | 0 | 94.4 | 80 | 120 |  |  | N |
|----------------------------|------|------|-------|---|------|----|-----|--|--|---|

|                              |                              |                                            |                            |         |      |          |           |      |          |      |
|------------------------------|------------------------------|--------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>LCSD-52626</b> | Batch ID: <b>52626</b>       | TestNo: <b>E418.1</b>                      | Units: <b>mg/Kg</b>        |         |      |          |           |      |          |      |
| SampType: <b>LCSD</b>        | Run ID: <b>IR207_120709A</b> | Analysis Date: <b>7/9/2012 10:40:00 AM</b> | Prep Date: <b>7/9/2012</b> |         |      |          |           |      |          |      |
| Analyte                      | Result                       | RL                                         | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                            |      |      |       |   |      |    |     |      |    |   |
|----------------------------|------|------|-------|---|------|----|-----|------|----|---|
| Petroleum Hydrocarbons, TR | 92.5 | 10.0 | 100.0 | 0 | 92.5 | 80 | 120 | 2.01 | 20 | N |
|----------------------------|------|------|-------|---|------|----|-----|------|----|---|

|                            |                              |                                            |                            |         |      |          |           |      |          |      |
|----------------------------|------------------------------|--------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>MB-52626</b> | Batch ID: <b>52626</b>       | TestNo: <b>E418.1</b>                      | Units: <b>mg/Kg</b>        |         |      |          |           |      |          |      |
| SampType: <b>MBLK</b>      | Run ID: <b>IR207_120709A</b> | Analysis Date: <b>7/9/2012 10:40:00 AM</b> | Prep Date: <b>7/9/2012</b> |         |      |          |           |      |          |      |
| Analyte                    | Result                       | RL                                         | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                            |    |      |  |  |  |  |  |  |  |   |
|----------------------------|----|------|--|--|--|--|--|--|--|---|
| Petroleum Hydrocarbons, TR | ND | 10.0 |  |  |  |  |  |  |  | N |
|----------------------------|----|------|--|--|--|--|--|--|--|---|

|                           |                       |                                     |                     |         |      |          |           |      |          |      |
|---------------------------|-----------------------|-------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: 1206276-04A MS | Batch ID: 52626       | TestNo: E418.1                      | Units: mg/Kg-dry    |         |      |          |           |      |          |      |
| SampType: MS              | Run ID: IR207_120709A | Analysis Date: 7/9/2012 10:40:00 AM | Prep Date: 7/9/2012 |         |      |          |           |      |          |      |
| Analyte                   | Result                | RL                                  | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                            |      |      |       |   |      |    |     |  |  |   |
|----------------------------|------|------|-------|---|------|----|-----|--|--|---|
| Petroleum Hydrocarbons, TR | 91.8 | 10.1 | 100.6 | 0 | 91.2 | 80 | 120 |  |  | N |
|----------------------------|------|------|-------|---|------|----|-----|--|--|---|

|                            |                       |                                     |                     |         |      |          |           |      |          |      |
|----------------------------|-----------------------|-------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: 1206276-04A MSD | Batch ID: 52626       | TestNo: E418.1                      | Units: mg/Kg-dry    |         |      |          |           |      |          |      |
| SampType: MSD              | Run ID: IR207_120709A | Analysis Date: 7/9/2012 10:40:00 AM | Prep Date: 7/9/2012 |         |      |          |           |      |          |      |
| Analyte                    | Result                | RL                                  | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                            |      |      |       |   |      |    |     |      |    |   |
|----------------------------|------|------|-------|---|------|----|-----|------|----|---|
| Petroleum Hydrocarbons, TR | 93.7 | 10.1 | 100.6 | 0 | 93.1 | 80 | 120 | 2.03 | 20 | N |
|----------------------------|------|------|-------|---|------|----|-----|------|----|---|

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- RL Reporting Limit
- J Analyte detected between SDL and RL

- DF Dilution Factor
- MDL Method Detection Limit
- R RPD outside accepted control limits
- S Spike Recovery outside control limits
- N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1206276  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** PMOIST\_120709A

The QC data in batch 52641 applies to the following samples: 1206276-01B, 1206276-02B, 1206276-03B, 1206276-04B, 1206276-05B, 1206276-06B, 1206276-07B, 1206276-08B, 1206276-09B, 1206276-10B, 1206276-11B, 1206276-12B, 1206276-13B, 1206276-14B, 1206276-15B

| Sample ID: 1206276-15BDUP | Batch ID: 52641        | TestNo: D2216                       | Units: WT%          |         |      |          |           |      |          |      |
|---------------------------|------------------------|-------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: DUP             | Run ID: PMOIST_120709A | Analysis Date: 7/10/2012 8:50:00 AM | Prep Date: 7/9/2012 |         |      |          |           |      |          |      |
| Analyte                   | Result                 | RL                                  | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Percent Moisture          | 20.8                   | 0                                   | 0                   | 21.03   |      |          |           | 1.05 | 30       |      |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified



April 12, 2012

Mark Larson  
Larson & Associates  
507 N. Marienfeld #200  
Midland, TX 79701  
TEL: (432) 687-0901  
FAX (432) 687-0456  
RE: Chevron Landfarm

Order No.: 1203281

Dear Mark Larson:

DHL Analytical received 14 sample(s) on 3/30/2012 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAC except where noted in the Case Narrative. All non-NELAC methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

A handwritten signature in black ink, appearing to read "John DuPont".

John DuPont  
General Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification  
Number: T104704211-11-7



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**LA**arson &  
ssociates, Inc.  
Environmental Consultants

Data Reported to: M. Larson

PAGE 1 OF 1

PROJECT LOCATION OR NAME: Chewon Land Farm

LAI PROJECT #: 6-0137 COLLECTOR: D. McInnis

[illegible]



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Questions? Call 800-800-8984



Airbill No. 47639730

47639730

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| <b>1. To:</b> <small>Print Name (Person)</small> Sample Receiving <small>Phone (Important)</small> (512)388-8222                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                         | <b>2. From:</b> <small>Print Name (Person)</small> MARK LARSON <small>Phone (Important)</small> 432-687-0901                                                                                                                                                                                                                                                                                                                                          |                         |
| <small>Company Name</small> DHL Analytical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                         | <small>Company Name</small> LARSON & ASSOCIATES INC.                                                                                                                                                                                                                                                                                                                                                                                                  |                         |
| <small>Street Address (No P.O. Box or P.O. Box Zip Code Deliveries)</small> 2300 Double Creek Dr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                         | <small>Street Address</small> 507 N. MARTEN FELD                                                                                                                                                                                                                                                                                                                                                                                                      |                         |
| <small>Suite / Floor</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                         | <small>Suite / Floor</small> 200                                                                                                                                                                                                                                                                                                                                                                                                                      |                         |
| <small>City</small> Round Rock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <small>State</small> TX | <small>City</small> MIDLAND                                                                                                                                                                                                                                                                                                                                                                                                                           | <small>State</small> TX |
| <small>Zip</small> 78664                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                         | <small>Zip</small> 79701                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |
| <b>3. Service:</b> Visit <a href="http://www.lso.com">www.lso.com</a> for availability of services to your destination and enjoy added features by creating your shipping label online.<br><input checked="" type="checkbox"/> By 10:30 am Delivery <small>Check availability at <a href="http://www.lso.com">www.lso.com</a></small><br><input type="checkbox"/> By 8:30 am Delivery <small>Check availability at <a href="http://www.lso.com">www.lso.com</a> (Extra charge, no signature obtained)</small><br><input type="checkbox"/> By 3:00 pm Delivery<br><input type="checkbox"/> Ground (next day to most cities)<br><input type="checkbox"/> Deliver Without Delivery Signature (See Limits of Liability below)<br><br><small>Release Signature</small><br>L _____ x W _____ x H _____ |                         | <b>4. Package:</b> <small>Weight</small> 50<br><small>Your Company's Billing Reference Information</small> 6-0137<br><small>Ship Date: (mm/dd/yyyy)</small><br><b>5. Payment:</b><br><br><b>FOR COURIER USE ONLY</b><br><small>Courier Number</small><br><input type="checkbox"/> Check here if LSO Supplies are used with Ground Service.<br><small>Pick-up Location</small><br><small>Date:</small><br><small>Time:</small><br><small>Code:</small> |                         |

LIMIT OF LIABILITY: We are not responsible for claims in excess of \$100 for any reason unless you: 1) declare a greater value (not to exceed \$25,000); 2) pay an additional fee; 3) and document your actual loss in a timely manner. We will not pay any claim in excess of the actual loss. We are not liable for any special or consequential damages. Additional limitations of liability are contained in our current Service Guide. If you ask us to deliver a package without obtaining a delivery signature, you release us of all liability for claims resulting from such service. NO DELIVERY SIGNATURE WILL BE OBTAINED FOR 06:30 AM DELIVERIES. PRIORITY SERVICE PACKAGING PROVIDED BY LSO IS NOT INTENDED FOR USE ON GROUND SERVICE. OVERSIZE RATES MAY APPLY. DELIVERY COMMITMENTS MAY VARY. ADDITIONAL FEES MAY APPLY.

**CUSTODY SEAL**

**DATE**

3-29-2012

**SIGNATURE**

*[Signature]*

**QEC**

Quality Environmental Containers  
800-255-3950 • 304-255-3900

# DHL Analytical

## Sample Receipt Checklist

Client Name **Larson & Associates**

Date Received: **3/30/2012**

Work Order Number **1203281**

Received by **JB**

Checklist completed by:  3/30/2012  
Signature Date

Reviewed by  3/30/2012  
Initials Date

Carrier name: LoneStar

|                                                         |                                         |                             |                                                            |
|---------------------------------------------------------|-----------------------------------------|-----------------------------|------------------------------------------------------------|
| Shipping container/cooler in good condition?            | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/>                       |
| Custody seals intact on shipping container/cooler?      | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/>                       |
| Custody seals intact on sample bottles?                 | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/>            |
| Chain of custody present?                               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |                                                            |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |                                                            |
| Chain of custody agrees with sample labels?             | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |                                                            |
| Samples in proper container/bottle?                     | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |                                                            |
| Sample containers intact?                               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |                                                            |
| Sufficient sample volume for indicated test?            | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |                                                            |
| All samples received within holding time?               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |                                                            |
| Container/Temp Blank temperature in compliance?         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | 1.7 °C                                                     |
| Water - VOA vials have zero headspace?                  | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | No VOA vials submitted <input checked="" type="checkbox"/> |
| Water - pH acceptable upon receipt?                     | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | Not Applicable <input checked="" type="checkbox"/>         |

Adjusted? \_\_\_\_\_ Checked by \_\_\_\_\_

Any No response must be detailed in the comments section below.

Client contacted \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments: \_\_\_\_\_

Corrective Action \_\_\_\_\_

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Lab Order:** 1203281

**CASE NARRATIVE**

Sample was analyzed using the methods outlined in the following references:

Method SW8021B - Volatile Organics by GC Analysis  
Method E300 - Anions Analysis  
Method SW6020 - Metals Analysis  
Method SW7471B - Mercury Analysis  
Method SW8015D - DRO Analysis  
Method SW8015V - GRO Analysis  
Method E418.1 - TRPH Analysis (this parameter is not NELAC certified)  
Method D2216 - Percent Moisture

**LOG IN**

The samples were received and log-in performed on 3/30/12. A total of 14 samples were received. The time of collection was Mountain Standard Time. On 3/30/12 TPH by method Tx1005 was deleted from the list of test parameters and GRO, DRO analyses were added as per the client. These were performed as requested. The samples arrived in good condition and were properly packaged.

**METALS ANALYSIS**

For Metals analysis performed on 4/9/12 the matrix spike and matrix spike duplicate recoveries were out of control limits for Iron. These are flagged accordingly in the QC summary report. The sample selected for the matrix spike and matrix spike duplicate was from this work order. The LCS was within control limits for this analyte. No further corrective actions were taken.

**DRO ANALYSIS**

For DRO analysis performed on 4/11/12 sample Cell 26 (0-1') and the method blank had the surrogate recoveries out of control limits for Octacosane or Isopropylbenzene. These are flagged accordingly. The remaining surrogate was within control limits. No further corrective actions were taken.

---

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Lab Order:** 1203281**Work Order Sample Summary**

---

| Lab Smp ID | Client Sample ID | Tag Number | Date Collected    | Date Recved |
|------------|------------------|------------|-------------------|-------------|
| 1203281-01 | Cell 20 (0-1')   |            | 03/28/12 12:50 PM | 3/30/2012   |
| 1203281-02 | Cell 19 (0-1')   |            | 03/28/12 01:05 PM | 3/30/2012   |
| 1203281-03 | Cell 18 (0-1')   |            | 03/28/12 01:20 PM | 3/30/2012   |
| 1203281-04 | Cell 17 (0-1')   |            | 03/28/12 01:28 PM | 3/30/2012   |
| 1203281-05 | Cell 21 (0-1')   |            | 03/28/12 01:35 PM | 3/30/2012   |
| 1203281-06 | Cell 26 (0-1')   |            | 03/28/12 01:50 PM | 3/30/2012   |
| 1203281-07 | Cell 25 (0-1')   |            | 03/28/12 02:05 PM | 3/30/2012   |
| 1203281-08 | Cell 20 (5-6')   |            | 03/28/12 12:55 PM | 3/30/2012   |
| 1203281-09 | Cell 19 (5-6')   |            | 03/28/12 01:10 PM | 3/30/2012   |
| 1203281-10 | Cell 18 (5-6')   |            | 03/28/12 01:25 PM | 3/30/2012   |
| 1203281-11 | Cell 17 (5-6')   |            | 03/28/12 01:30 PM | 3/30/2012   |
| 1203281-12 | Cell 21 (5-6')   |            | 03/28/12 01:40 PM | 3/30/2012   |
| 1203281-13 | Cell 26 (5-6')   |            | 03/28/12 01:55 PM | 3/30/2012   |
| 1203281-14 | Cell 25 (5-6')   |            | 03/28/12 02:10 PM | 3/30/2012   |

**Lab Order:** 1203281  
**Client:** Larson & Associates  
**Project:** Chevron Landfarm

**PREP DATES REPORT**

| Sample ID   | Client Sample ID | Collection Date   | Matrix | Test Number | Test Name                      | Prep Date         | Batch ID |
|-------------|------------------|-------------------|--------|-------------|--------------------------------|-------------------|----------|
| 1203281-01A | Cell 20 (0-1')   | 03/28/12 12:50 PM | Soil   | SW5030A     | Purge and Trap Soils GC        | 03/31/12 08:29 AM | 51198    |
|             | Cell 20 (0-1')   | 03/28/12 12:50 PM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 03/30/12 10:39 AM | 51190    |
|             | Cell 20 (0-1')   | 03/28/12 12:50 PM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 04/03/12 08:30 AM | 51221    |
| 1203281-01B | Cell 20 (0-1')   | 03/28/12 12:50 PM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 04/04/12 09:00 AM | 51227    |
|             | Cell 20 (0-1')   | 03/28/12 12:50 PM | Soil   | D2216       | Moisture Preparation           | 04/06/12 10:55 AM | 51297    |
|             | Cell 20 (0-1')   | 03/28/12 12:50 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
|             | Cell 20 (0-1')   | 03/28/12 12:50 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
| 1203281-01C | Cell 20 (0-1')   | 03/28/12 12:50 PM | Soil   | E300        | Anion Prep                     | 03/30/12 11:18 AM | 51191    |
|             | Cell 20 (0-1')   | 03/28/12 12:50 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 04/06/12 10:49 AM | 51300    |
|             | Cell 20 (0-1')   | 03/28/12 12:50 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 04/06/12 10:49 AM | 51300    |
| 1203281-02A | Cell 19 (0-1')   | 03/28/12 01:05 PM | Soil   | SW5030A     | Purge and Trap Soils GC        | 03/31/12 08:29 AM | 51198    |
|             | Cell 19 (0-1')   | 03/28/12 01:05 PM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 03/30/12 10:39 AM | 51190    |
|             | Cell 19 (0-1')   | 03/28/12 01:05 PM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 04/03/12 08:30 AM | 51221    |
| 1203281-02B | Cell 19 (0-1')   | 03/28/12 01:05 PM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 04/04/12 09:00 AM | 51227    |
|             | Cell 19 (0-1')   | 03/28/12 01:05 PM | Soil   | D2216       | Moisture Preparation           | 04/06/12 10:55 AM | 51297    |
|             | Cell 19 (0-1')   | 03/28/12 01:05 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
|             | Cell 19 (0-1')   | 03/28/12 01:05 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
| 1203281-02C | Cell 19 (0-1')   | 03/28/12 01:05 PM | Soil   | E300        | Anion Prep                     | 03/30/12 11:18 AM | 51191    |
|             | Cell 19 (0-1')   | 03/28/12 01:05 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 04/06/12 10:49 AM | 51300    |
|             | Cell 19 (0-1')   | 03/28/12 01:05 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 04/06/12 10:49 AM | 51300    |
| 1203281-03A | Cell 18 (0-1')   | 03/28/12 01:20 PM | Soil   | SW5030A     | Purge and Trap Soils GC        | 03/31/12 08:29 AM | 51198    |
|             | Cell 18 (0-1')   | 03/28/12 01:20 PM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 03/30/12 10:39 AM | 51190    |
|             | Cell 18 (0-1')   | 03/28/12 01:20 PM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 04/03/12 08:30 AM | 51221    |
| 1203281-03B | Cell 18 (0-1')   | 03/28/12 01:20 PM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 04/04/12 09:00 AM | 51227    |
|             | Cell 18 (0-1')   | 03/28/12 01:20 PM | Soil   | D2216       | Moisture Preparation           | 04/06/12 10:55 AM | 51297    |
|             | Cell 18 (0-1')   | 03/28/12 01:20 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
|             | Cell 18 (0-1')   | 03/28/12 01:20 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
| 1203281-03C | Cell 18 (0-1')   | 03/28/12 01:20 PM | Soil   | E300        | Anion Prep                     | 03/30/12 11:18 AM | 51191    |

**Lab Order:** 1203281  
**Client:** Larson & Associates  
**Project:** Chevron Landfarm

**PREP DATES REPORT**

| Sample ID   | Client Sample ID | Collection Date   | Matrix | Test Number | Test Name                      | Prep Date         | Batch ID |
|-------------|------------------|-------------------|--------|-------------|--------------------------------|-------------------|----------|
| 1203281-03C | Cell 18 (0-1')   | 03/28/12 01:20 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 04/06/12 10:49 AM | 51300    |
| 1203281-04A | Cell 17 (0-1')   | 03/28/12 01:28 PM | Soil   | SW5030A     | Purge and Trap Soils GC        | 03/31/12 08:29 AM | 51198    |
|             | Cell 17 (0-1')   | 03/28/12 01:28 PM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 03/30/12 10:39 AM | 51190    |
|             | Cell 17 (0-1')   | 03/28/12 01:28 PM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 04/03/12 08:30 AM | 51221    |
| 1203281-04B | Cell 17 (0-1')   | 03/28/12 01:28 PM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 04/04/12 09:00 AM | 51227    |
|             | Cell 17 (0-1')   | 03/28/12 01:28 PM | Soil   | D2216       | Moisture Preparation           | 04/06/12 10:55 AM | 51297    |
|             | Cell 17 (0-1')   | 03/28/12 01:28 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
|             | Cell 17 (0-1')   | 03/28/12 01:28 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
| 1203281-04C | Cell 17 (0-1')   | 03/28/12 01:28 PM | Soil   | E300        | Anion Prep                     | 03/30/12 11:18 AM | 51191    |
|             | Cell 17 (0-1')   | 03/28/12 01:28 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 04/06/12 10:49 AM | 51300    |
| 1203281-05A | Cell 21 (0-1')   | 03/28/12 01:35 PM | Soil   | SW5030A     | Purge and Trap Soils GC        | 03/31/12 08:29 AM | 51198    |
|             | Cell 21 (0-1')   | 03/28/12 01:35 PM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 03/30/12 10:39 AM | 51190    |
|             | Cell 21 (0-1')   | 03/28/12 01:35 PM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 04/03/12 08:30 AM | 51221    |
| 1203281-05B | Cell 21 (0-1')   | 03/28/12 01:35 PM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 04/04/12 09:00 AM | 51227    |
|             | Cell 21 (0-1')   | 03/28/12 01:35 PM | Soil   | D2216       | Moisture Preparation           | 04/06/12 10:55 AM | 51297    |
|             | Cell 21 (0-1')   | 03/28/12 01:35 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
|             | Cell 21 (0-1')   | 03/28/12 01:35 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
| 1203281-05C | Cell 21 (0-1')   | 03/28/12 01:35 PM | Soil   | E300        | Anion Prep                     | 03/30/12 11:18 AM | 51191    |
|             | Cell 21 (0-1')   | 03/28/12 01:35 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 04/06/12 10:49 AM | 51300    |
| 1203281-06A | Cell 26 (0-1')   | 03/28/12 01:50 PM | Soil   | SW5030A     | Purge and Trap Soils GC        | 03/31/12 08:29 AM | 51198    |
|             | Cell 26 (0-1')   | 03/28/12 01:50 PM | Soil   | SW5030A     | Purge and Trap Soils GC        | 04/02/12 11:22 AM | 51206    |
|             | Cell 26 (0-1')   | 03/28/12 01:50 PM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 03/30/12 10:39 AM | 51190    |
|             | Cell 26 (0-1')   | 03/28/12 01:50 PM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 04/03/12 08:30 AM | 51221    |
| 1203281-06B | Cell 26 (0-1')   | 03/28/12 01:50 PM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 04/04/12 09:00 AM | 51227    |
|             | Cell 26 (0-1')   | 03/28/12 01:50 PM | Soil   | D2216       | Moisture Preparation           | 04/06/12 10:55 AM | 51297    |
|             | Cell 26 (0-1')   | 03/28/12 01:50 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
|             | Cell 26 (0-1')   | 03/28/12 01:50 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
| 1203281-06C | Cell 26 (0-1')   | 03/28/12 01:50 PM | Soil   | E300        | Anion Prep                     | 03/30/12 11:18 AM | 51191    |

**Lab Order:** 1203281  
**Client:** Larson & Associates  
**Project:** Chevron Landfarm

**PREP DATES REPORT**

| Sample ID   | Client Sample ID | Collection Date   | Matrix | Test Number | Test Name                      | Prep Date         | Batch ID |
|-------------|------------------|-------------------|--------|-------------|--------------------------------|-------------------|----------|
| 1203281-06C | Cell 26 (0-1')   | 03/28/12 01:50 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 04/06/12 10:49 AM | 51300    |
|             | Cell 26 (0-1')   | 03/28/12 01:50 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 04/06/12 10:49 AM | 51300    |
| 1203281-07A | Cell 25 (0-1')   | 03/28/12 02:05 PM | Soil   | SW5030A     | Purge and Trap Soils GC        | 03/31/12 08:29 AM | 51198    |
|             | Cell 25 (0-1')   | 03/28/12 02:05 PM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 03/30/12 10:39 AM | 51190    |
|             | Cell 25 (0-1')   | 03/28/12 02:05 PM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 04/03/12 08:30 AM | 51221    |
| 1203281-07B | Cell 25 (0-1')   | 03/28/12 02:05 PM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 04/04/12 09:00 AM | 51227    |
|             | Cell 25 (0-1')   | 03/28/12 02:05 PM | Soil   | D2216       | Moisture Preparation           | 04/06/12 10:55 AM | 51297    |
|             | Cell 25 (0-1')   | 03/28/12 02:05 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
|             | Cell 25 (0-1')   | 03/28/12 02:05 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
| 1203281-07C | Cell 25 (0-1')   | 03/28/12 02:05 PM | Soil   | E300        | Anion Prep                     | 03/30/12 11:18 AM | 51191    |
|             | Cell 25 (0-1')   | 03/28/12 02:05 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 04/06/12 10:49 AM | 51300    |
| 1203281-08A | Cell 20 (5-6')   | 03/28/12 12:55 PM | Soil   | SW5030A     | Purge and Trap Soils GC        | 03/31/12 08:29 AM | 51198    |
|             | Cell 20 (5-6')   | 03/28/12 12:55 PM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 03/30/12 10:39 AM | 51190    |
|             | Cell 20 (5-6')   | 03/28/12 12:55 PM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 04/03/12 08:30 AM | 51221    |
| 1203281-08B | Cell 20 (5-6')   | 03/28/12 12:55 PM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 04/04/12 09:00 AM | 51227    |
|             | Cell 20 (5-6')   | 03/28/12 12:55 PM | Soil   | D2216       | Moisture Preparation           | 04/06/12 10:55 AM | 51297    |
|             | Cell 20 (5-6')   | 03/28/12 12:55 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
|             | Cell 20 (5-6')   | 03/28/12 12:55 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
| 1203281-08C | Cell 20 (5-6')   | 03/28/12 12:55 PM | Soil   | E300        | Anion Prep                     | 03/30/12 11:18 AM | 51191    |
|             | Cell 20 (5-6')   | 03/28/12 12:55 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 04/06/12 10:49 AM | 51300    |
| 1203281-09A | Cell 19 (5-6')   | 03/28/12 01:10 PM | Soil   | SW5030A     | Purge and Trap Soils GC        | 03/31/12 08:29 AM | 51198    |
|             | Cell 19 (5-6')   | 03/28/12 01:10 PM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 03/30/12 10:39 AM | 51190    |
|             | Cell 19 (5-6')   | 03/28/12 01:10 PM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 04/03/12 08:30 AM | 51221    |
| 1203281-09B | Cell 19 (5-6')   | 03/28/12 01:10 PM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 04/04/12 09:00 AM | 51227    |
|             | Cell 19 (5-6')   | 03/28/12 01:10 PM | Soil   | D2216       | Moisture Preparation           | 04/06/12 10:55 AM | 51297    |
|             | Cell 19 (5-6')   | 03/28/12 01:10 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
|             | Cell 19 (5-6')   | 03/28/12 01:10 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
|             | Cell 19 (5-6')   | 03/28/12 01:10 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |

**Lab Order:** 1203281  
**Client:** Larson & Associates  
**Project:** Chevron Landfarm

**PREP DATES REPORT**

| Sample ID   | Client Sample ID | Collection Date   | Matrix | Test Number | Test Name                      | Prep Date         | Batch ID |
|-------------|------------------|-------------------|--------|-------------|--------------------------------|-------------------|----------|
| 1203281-09C | Cell 19 (5-6')   | 03/28/12 01:10 PM | Soil   | E300        | Anion Prep                     | 03/30/12 11:18 AM | 51191    |
|             | Cell 19 (5-6')   | 03/28/12 01:10 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 04/06/12 10:49 AM | 51300    |
| 1203281-10A | Cell 18 (5-6')   | 03/28/12 01:25 PM | Soil   | SW5030A     | Purge and Trap Soils GC        | 03/31/12 08:29 AM | 51198    |
|             | Cell 18 (5-6')   | 03/28/12 01:25 PM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 03/30/12 10:39 AM | 51190    |
| 1203281-10B | Cell 18 (5-6')   | 03/28/12 01:25 PM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 04/03/12 08:30 AM | 51221    |
|             | Cell 18 (5-6')   | 03/28/12 01:25 PM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 04/04/12 09:00 AM | 51227    |
| 1203281-10C | Cell 18 (5-6')   | 03/28/12 01:25 PM | Soil   | D2216       | Moisture Preparation           | 04/06/12 10:55 AM | 51297    |
|             | Cell 18 (5-6')   | 03/28/12 01:25 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
| 1203281-11A | Cell 18 (5-6')   | 03/28/12 01:25 PM | Soil   | E300        | Anion Prep                     | 03/30/12 11:18 AM | 51191    |
|             | Cell 18 (5-6')   | 03/28/12 01:25 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 04/06/12 10:49 AM | 51300    |
| 1203281-11B | Cell 17 (5-6')   | 03/28/12 01:30 PM | Soil   | SW5030A     | Purge and Trap Soils GC        | 03/31/12 08:29 AM | 51198    |
|             | Cell 17 (5-6')   | 03/28/12 01:30 PM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 03/30/12 10:39 AM | 51190    |
| 1203281-11C | Cell 17 (5-6')   | 03/28/12 01:30 PM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 04/03/12 08:30 AM | 51221    |
|             | Cell 17 (5-6')   | 03/28/12 01:30 PM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 04/04/12 09:00 AM | 51227    |
| 1203281-12A | Cell 17 (5-6')   | 03/28/12 01:30 PM | Soil   | D2216       | Moisture Preparation           | 04/06/12 10:55 AM | 51297    |
|             | Cell 17 (5-6')   | 03/28/12 01:30 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
| 1203281-12B | Cell 17 (5-6')   | 03/28/12 01:30 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
|             | Cell 17 (5-6')   | 03/28/12 01:30 PM | Soil   | E300        | Anion Prep                     | 03/30/12 11:18 AM | 51191    |
| 1203281-12C | Cell 17 (5-6')   | 03/28/12 01:30 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 04/06/12 10:49 AM | 51300    |
|             | Cell 21 (5-6')   | 03/28/12 01:40 PM | Soil   | SW5030A     | Purge and Trap Soils GC        | 03/31/12 08:29 AM | 51198    |
| 1203281-12A | Cell 21 (5-6')   | 03/28/12 01:40 PM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 03/30/12 10:39 AM | 51190    |
|             | Cell 21 (5-6')   | 03/28/12 01:40 PM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 04/03/12 08:30 AM | 51221    |
| 1203281-12B | Cell 21 (5-6')   | 03/28/12 01:40 PM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 04/04/12 09:00 AM | 51227    |
|             | Cell 21 (5-6')   | 03/28/12 01:40 PM | Soil   | D2216       | Moisture Preparation           | 04/06/12 10:55 AM | 51297    |
| 1203281-12C | Cell 21 (5-6')   | 03/28/12 01:40 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
|             | Cell 21 (5-6')   | 03/28/12 01:40 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
| 1203281-12C | Cell 21 (5-6')   | 03/28/12 01:40 PM | Soil   | E300        | Anion Prep                     | 03/30/12 11:18 AM | 51191    |
|             | Cell 21 (5-6')   | 03/28/12 01:40 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 04/06/12 10:49 AM | 51300    |

**Lab Order:** 1203281  
**Client:** Larson & Associates  
**Project:** Chevron Landfarm

**PREP DATES REPORT**

| Sample ID   | Client Sample ID | Collection Date   | Matrix | Test Number | Test Name                      | Prep Date         | Batch ID |
|-------------|------------------|-------------------|--------|-------------|--------------------------------|-------------------|----------|
| 1203281-12C | Cell 21 (5-6')   | 03/28/12 01:40 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 04/06/12 10:49 AM | 51300    |
| 1203281-13A | Cell 26 (5-6')   | 03/28/12 01:55 PM | Soil   | SW5030A     | Purge and Trap Soils GC        | 03/31/12 08:29 AM | 51198    |
|             | Cell 26 (5-6')   | 03/28/12 01:55 PM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 03/30/12 10:39 AM | 51190    |
|             | Cell 26 (5-6')   | 03/28/12 01:55 PM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 04/03/12 08:30 AM | 51221    |
| 1203281-13B | Cell 26 (5-6')   | 03/28/12 01:55 PM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 04/04/12 09:00 AM | 51227    |
|             | Cell 26 (5-6')   | 03/28/12 01:55 PM | Soil   | D2216       | Moisture Preparation           | 04/06/12 10:55 AM | 51297    |
|             | Cell 26 (5-6')   | 03/28/12 01:55 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
|             | Cell 26 (5-6')   | 03/28/12 01:55 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
| 1203281-13C | Cell 26 (5-6')   | 03/28/12 01:55 PM | Soil   | E300        | Anion Prep                     | 03/30/12 11:18 AM | 51191    |
|             | Cell 26 (5-6')   | 03/28/12 01:55 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 04/06/12 10:49 AM | 51300    |
| 1203281-14A | Cell 25 (5-6')   | 03/28/12 02:10 PM | Soil   | SW5030A     | Purge and Trap Soils GC        | 03/31/12 08:29 AM | 51198    |
|             | Cell 25 (5-6')   | 03/28/12 02:10 PM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 03/30/12 10:39 AM | 51190    |
|             | Cell 25 (5-6')   | 03/28/12 02:10 PM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 04/03/12 08:30 AM | 51221    |
| 1203281-14B | Cell 25 (5-6')   | 03/28/12 02:10 PM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 04/04/12 09:00 AM | 51227    |
|             | Cell 25 (5-6')   | 03/28/12 02:10 PM | Soil   | D2216       | Moisture Preparation           | 04/06/12 10:55 AM | 51297    |
|             | Cell 25 (5-6')   | 03/28/12 02:10 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 04/05/12 09:00 AM | 51209    |
| 1203281-14C | Cell 25 (5-6')   | 03/28/12 02:10 PM | Soil   | E300        | Anion Prep                     | 03/30/12 11:18 AM | 51191    |
|             | Cell 25 (5-6')   | 03/28/12 02:10 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 04/06/12 10:49 AM | 51300    |

**Lab Order:** 1203281  
**Client:** Larson & Associates  
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**ANALYTICAL DATES REPORT**

| Sample ID   | Client Sample ID | Matrix | Test Number | Test Name                    | Batch ID | Dilution | Analysis Date     | Run ID           |
|-------------|------------------|--------|-------------|------------------------------|----------|----------|-------------------|------------------|
| 1203281-01A | Cell 20 (0-1')   | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 51190    | 1        | 03/30/12 01:53 PM | GC4_120330A      |
|             | Cell 20 (0-1')   | Soil   | E418.1      | TRPH                         | 51221    | 1        | 04/03/12 10:40 AM | IR207_120403A    |
|             | Cell 20 (0-1')   | Soil   | SW8021B     | Volatile Organics by GC      | 51198    | 1        | 03/31/12 11:40 AM | GC4_120331A      |
| 1203281-01B | Cell 20 (0-1')   | Soil   | D2216       | Percent Moisture             | 51297    | 1        | 04/09/12 08:38 AM | PMOIST_120406A   |
|             | Cell 20 (0-1')   | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 51227    | 1        | 04/06/12 12:59 PM | CETAC_HG_120406A |
|             | Cell 20 (0-1')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 5        | 04/09/12 01:26 PM | ICP-MS3_120409A  |
|             | Cell 20 (0-1')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 50       | 04/09/12 09:31 PM | ICP-MS3_120409A  |
| 1203281-01C | Cell 20 (0-1')   | Soil   | E300        | Anions by IC method - Soil   | 51191    | 1        | 04/02/12 09:44 AM | IC_120402A       |
|             | Cell 20 (0-1')   | Soil   | M8015D      | TPH Extractable by GC - Soil | 51300    | 1        | 04/11/12 02:01 PM | GC15_120411A     |
|             | Cell 20 (0-1')   | Soil   | M8015D      | TPH Extractable by GC - Soil | 51300    | 1        | 04/11/12 03:40 PM | GC15_120411A     |
| 1203281-02A | Cell 19 (0-1')   | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 51190    | 1        | 03/30/12 02:18 PM | GC4_120330A      |
|             | Cell 19 (0-1')   | Soil   | E418.1      | TRPH                         | 51221    | 1        | 04/03/12 10:40 AM | IR207_120403A    |
|             | Cell 19 (0-1')   | Soil   | SW8021B     | Volatile Organics by GC      | 51198    | 1        | 03/31/12 12:06 PM | GC4_120331A      |
| 1203281-02B | Cell 19 (0-1')   | Soil   | D2216       | Percent Moisture             | 51297    | 1        | 04/09/12 08:38 AM | PMOIST_120406A   |
|             | Cell 19 (0-1')   | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 51227    | 1        | 04/06/12 01:02 PM | CETAC_HG_120406A |
|             | Cell 19 (0-1')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 5        | 04/09/12 01:37 PM | ICP-MS3_120409A  |
|             | Cell 19 (0-1')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 50       | 04/09/12 09:42 PM | ICP-MS3_120409A  |
| 1203281-02C | Cell 19 (0-1')   | Soil   | E300        | Anions by IC method - Soil   | 51191    | 1        | 04/02/12 09:56 AM | IC_120402A       |
|             | Cell 19 (0-1')   | Soil   | M8015D      | TPH Extractable by GC - Soil | 51300    | 1        | 04/11/12 01:26 PM | GC15_120411A     |
|             | Cell 19 (0-1')   | Soil   | M8015D      | TPH Extractable by GC - Soil | 51300    | 1        | 04/11/12 03:22 PM | GC15_120411A     |
| 1203281-03A | Cell 18 (0-1')   | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 51190    | 1        | 03/30/12 02:44 PM | GC4_120330A      |
|             | Cell 18 (0-1')   | Soil   | E418.1      | TRPH                         | 51221    | 1        | 04/03/12 10:40 AM | IR207_120403A    |
|             | Cell 18 (0-1')   | Soil   | SW8021B     | Volatile Organics by GC      | 51198    | 1        | 03/31/12 12:31 PM | GC4_120331A      |
| 1203281-03B | Cell 18 (0-1')   | Soil   | D2216       | Percent Moisture             | 51297    | 1        | 04/09/12 08:38 AM | PMOIST_120406A   |
|             | Cell 18 (0-1')   | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 51227    | 1        | 04/06/12 01:04 PM | CETAC_HG_120406A |
|             | Cell 18 (0-1')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 50       | 04/09/12 09:48 PM | ICP-MS3_120409A  |
|             | Cell 18 (0-1')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 5        | 04/09/12 01:43 PM | ICP-MS3_120409A  |
| 1203281-03C | Cell 18 (0-1')   | Soil   | E300        | Anions by IC method - Soil   | 51191    | 1        | 04/02/12 10:07 AM | IC_120402A       |

**Lab Order:** 1203281  
**Client:** Larson & Associates  
**Project:** Chevron Landfarm

**ANALYTICAL DATES REPORT**

| Sample ID   | Client Sample ID | Matrix | Test Number | Test Name                    | Batch ID | Dilution | Analysis Date     | Run ID           |
|-------------|------------------|--------|-------------|------------------------------|----------|----------|-------------------|------------------|
| 1203281-03C | Cell 18 (0-1')   | Soil   | M8015D      | TPH Extractable by GC - Soil | 51300    | 1        | 04/11/12 01:00 PM | GC15_120411A     |
| 1203281-04A | Cell 17 (0-1')   | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 51190    | 1        | 03/30/12 03:09 PM | GC4_120330A      |
|             | Cell 17 (0-1')   | Soil   | E418.1      | TRPH                         | 51221    | 1        | 04/03/12 10:40 AM | IR207_120403A    |
|             | Cell 17 (0-1')   | Soil   | SW8021B     | Volatile Organics by GC      | 51198    | 1        | 03/31/12 12:56 PM | GC4_120331A      |
| 1203281-04B | Cell 17 (0-1')   | Soil   | D2216       | Percent Moisture             | 51297    | 1        | 04/09/12 08:38 AM | PMOIST_120406A   |
|             | Cell 17 (0-1')   | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 51227    | 1        | 04/06/12 01:06 PM | CETAC_HG_120406A |
|             | Cell 17 (0-1')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 5        | 04/09/12 01:48 PM | ICP-MS3_120409A  |
|             | Cell 17 (0-1')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 50       | 04/09/12 09:54 PM | ICP-MS3_120409A  |
| 1203281-04C | Cell 17 (0-1')   | Soil   | E300        | Anions by IC method - Soil   | 51191    | 1        | 04/02/12 10:19 AM | IC_120402A       |
|             | Cell 17 (0-1')   | Soil   | M8015D      | TPH Extractable by GC - Soil | 51300    | 1        | 04/11/12 11:15 AM | GC15_120411A     |
| 1203281-05A | Cell 21 (0-1')   | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 51190    | 1        | 03/30/12 03:34 PM | GC4_120330A      |
|             | Cell 21 (0-1')   | Soil   | E418.1      | TRPH                         | 51221    | 1        | 04/03/12 10:40 AM | IR207_120403A    |
|             | Cell 21 (0-1')   | Soil   | SW8021B     | Volatile Organics by GC      | 51198    | 1        | 03/31/12 01:22 PM | GC4_120331A      |
| 1203281-05B | Cell 21 (0-1')   | Soil   | D2216       | Percent Moisture             | 51297    | 1        | 04/09/12 08:38 AM | PMOIST_120406A   |
|             | Cell 21 (0-1')   | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 51227    | 1        | 04/06/12 01:08 PM | CETAC_HG_120406A |
|             | Cell 21 (0-1')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 5        | 04/09/12 01:54 PM | ICP-MS3_120409A  |
|             | Cell 21 (0-1')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 50       | 04/09/12 09:59 PM | ICP-MS3_120409A  |
| 1203281-05C | Cell 21 (0-1')   | Soil   | E300        | Anions by IC method - Soil   | 51191    | 1        | 04/02/12 11:08 AM | IC_120402A       |
|             | Cell 21 (0-1')   | Soil   | M8015D      | TPH Extractable by GC - Soil | 51300    | 1        | 04/11/12 12:34 PM | GC15_120411A     |
| 1203281-06A | Cell 26 (0-1')   | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 51190    | 1        | 03/30/12 04:00 PM | GC4_120330A      |
|             | Cell 26 (0-1')   | Soil   | E418.1      | TRPH                         | 51221    | 1        | 04/03/12 10:40 AM | IR207_120403A    |
|             | Cell 26 (0-1')   | Soil   | SW8021B     | Volatile Organics by GC      | 51198    | 1        | 03/31/12 01:47 PM | GC4_120331A      |
|             | Cell 26 (0-1')   | Soil   | SW8021B     | Volatile Organics by GC      | 51206    | 1        | 04/02/12 01:09 PM | GC4_120402A      |
| 1203281-06B | Cell 26 (0-1')   | Soil   | D2216       | Percent Moisture             | 51297    | 1        | 04/09/12 08:38 AM | PMOIST_120406A   |
|             | Cell 26 (0-1')   | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 51227    | 1        | 04/06/12 01:10 PM | CETAC_HG_120406A |
|             | Cell 26 (0-1')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 5        | 04/09/12 01:59 PM | ICP-MS3_120409A  |
|             | Cell 26 (0-1')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 50       | 04/09/12 10:05 PM | ICP-MS3_120409A  |
| 1203281-06C | Cell 26 (0-1')   | Soil   | E300        | Anions by IC method - Soil   | 51191    | 1        | 04/02/12 11:20 AM | IC_120402A       |

**Lab Order:** 1203281  
**Client:** Larson & Associates  
**Project:** Chevron Landfarm

**ANALYTICAL DATES REPORT**

| Sample ID   | Client Sample ID | Matrix | Test Number | Test Name                    | Batch ID | Dilution | Analysis Date     | Run ID           |
|-------------|------------------|--------|-------------|------------------------------|----------|----------|-------------------|------------------|
| 1203281-06C | Cell 26 (0-1')   | Soil   | M8015D      | TPH Extractable by GC - Soil | 51300    | 1        | 04/11/12 01:35 PM | GC15_120411A     |
|             | Cell 26 (0-1')   | Soil   | M8015D      | TPH Extractable by GC - Soil | 51300    | 5        | 04/11/12 05:07 PM | GC15_120411A     |
| 1203281-07A | Cell 25 (0-1')   | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 51190    | 1        | 03/30/12 04:24 PM | GC4_120330A      |
|             | Cell 25 (0-1')   | Soil   | E418.1      | TRPH                         | 51221    | 1        | 04/03/12 10:40 AM | IR207_120403A    |
| 1203281-07B | Cell 25 (0-1')   | Soil   | SW8021B     | Volatile Organics by GC      | 51198    | 1        | 03/31/12 02:12 PM | GC4_120331A      |
|             | Cell 25 (0-1')   | Soil   | D2216       | Percent Moisture             | 51297    | 1        | 04/09/12 08:38 AM | PMOIST_120406A   |
|             | Cell 25 (0-1')   | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 51227    | 1        | 04/06/12 01:16 PM | CETAC_HG_120406A |
|             | Cell 25 (0-1')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 5        | 04/09/12 02:05 PM | ICP-MS3_120409A  |
|             | Cell 25 (0-1')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 50       | 04/09/12 10:11 PM | ICP-MS3_120409A  |
| 1203281-07C | Cell 25 (0-1')   | Soil   | E300        | Anions by IC method - Soil   | 51191    | 1        | 04/02/12 11:32 AM | IC_120402A       |
|             | Cell 25 (0-1')   | Soil   | M8015D      | TPH Extractable by GC - Soil | 51300    | 1        | 04/11/12 12:07 PM | GC15_120411A     |
| 1203281-08A | Cell 20 (5-6')   | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 51190    | 1        | 03/30/12 04:50 PM | GC4_120330A      |
|             | Cell 20 (5-6')   | Soil   | E418.1      | TRPH                         | 51221    | 1        | 04/03/12 10:40 AM | IR207_120403A    |
|             | Cell 20 (5-6')   | Soil   | SW8021B     | Volatile Organics by GC      | 51198    | 1        | 03/31/12 02:38 PM | GC4_120331A      |
| 1203281-08B | Cell 20 (5-6')   | Soil   | D2216       | Percent Moisture             | 51297    | 1        | 04/09/12 08:38 AM | PMOIST_120406A   |
|             | Cell 20 (5-6')   | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 51227    | 1        | 04/06/12 01:18 PM | CETAC_HG_120406A |
|             | Cell 20 (5-6')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 5        | 04/09/12 02:11 PM | ICP-MS3_120409A  |
|             | Cell 20 (5-6')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 50       | 04/09/12 10:16 PM | ICP-MS3_120409A  |
| 1203281-08C | Cell 20 (5-6')   | Soil   | E300        | Anions by IC method - Soil   | 51191    | 1        | 04/02/12 11:43 AM | IC_120402A       |
|             | Cell 20 (5-6')   | Soil   | M8015D      | TPH Extractable by GC - Soil | 51300    | 1        | 04/11/12 01:09 PM | GC15_120411A     |
| 1203281-09A | Cell 19 (5-6')   | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 51190    | 1        | 03/30/12 05:15 PM | GC4_120330A      |
|             | Cell 19 (5-6')   | Soil   | E418.1      | TRPH                         | 51221    | 1        | 04/03/12 10:40 AM | IR207_120403A    |
|             | Cell 19 (5-6')   | Soil   | SW8021B     | Volatile Organics by GC      | 51198    | 1        | 03/31/12 03:03 PM | GC4_120331A      |
| 1203281-09B | Cell 19 (5-6')   | Soil   | D2216       | Percent Moisture             | 51297    | 1        | 04/09/12 08:38 AM | PMOIST_120406A   |
|             | Cell 19 (5-6')   | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 51227    | 1        | 04/06/12 01:20 PM | CETAC_HG_120406A |
|             | Cell 19 (5-6')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 25       | 04/09/12 10:22 PM | ICP-MS3_120409A  |
|             | Cell 19 (5-6')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 25       | 04/11/12 01:10 PM | ICP-MS2_120411A  |
|             | Cell 19 (5-6')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 5        | 04/09/12 02:16 PM | ICP-MS3_120409A  |

**Lab Order:** 1203281  
**Client:** Larson & Associates  
**Project:** Chevron Landfarm

**ANALYTICAL DATES REPORT**

| Sample ID   | Client Sample ID | Matrix | Test Number | Test Name                    | Batch ID | Dilution | Analysis Date     | Run ID           |
|-------------|------------------|--------|-------------|------------------------------|----------|----------|-------------------|------------------|
| 1203281-09C | Cell 19 (5-6')   | Soil   | E300        | Anions by IC method - Soil   | 51191    | 1        | 04/02/12 11:55 AM | IC_120402A       |
|             | Cell 19 (5-6')   | Soil   | M8015D      | TPH Extractable by GC - Soil | 51300    | 1        | 04/11/12 10:05 AM | GC15_120411A     |
| 1203281-10A | Cell 18 (5-6')   | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 51190    | 1        | 03/30/12 05:40 PM | GC4_120330A      |
|             | Cell 18 (5-6')   | Soil   | E418.1      | TRPH                         | 51221    | 1        | 04/03/12 10:40 AM | IR207_120403A    |
| 1203281-10B | Cell 18 (5-6')   | Soil   | SW8021B     | Volatile Organics by GC      | 51198    | 1        | 03/31/12 03:28 PM | GC4_120331A      |
|             | Cell 18 (5-6')   | Soil   | D2216       | Percent Moisture             | 51297    | 1        | 04/09/12 08:38 AM | PMOIST_120406A   |
|             | Cell 18 (5-6')   | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 51227    | 1        | 04/06/12 01:22 PM | CETAC_HG_120406A |
|             | Cell 18 (5-6')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 5        | 04/09/12 02:22 PM | ICP-MS3_120409A  |
| 1203281-10C | Cell 18 (5-6')   | Soil   | E300        | Anions by IC method - Soil   | 51191    | 1        | 04/02/12 12:06 PM | IC_120402A       |
|             | Cell 18 (5-6')   | Soil   | M8015D      | TPH Extractable by GC - Soil | 51300    | 1        | 04/11/12 10:13 AM | GC15_120411A     |
| 1203281-11A | Cell 17 (5-6')   | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 51190    | 1        | 03/30/12 06:57 PM | GC4_120330A      |
|             | Cell 17 (5-6')   | Soil   | E418.1      | TRPH                         | 51221    | 1        | 04/03/12 10:40 AM | IR207_120403A    |
|             | Cell 17 (5-6')   | Soil   | SW8021B     | Volatile Organics by GC      | 51198    | 1        | 03/31/12 04:19 PM | GC4_120331A      |
| 1203281-11B | Cell 17 (5-6')   | Soil   | D2216       | Percent Moisture             | 51297    | 1        | 04/09/12 08:38 AM | PMOIST_120406A   |
|             | Cell 17 (5-6')   | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 51227    | 1        | 04/06/12 01:24 PM | CETAC_HG_120406A |
|             | Cell 17 (5-6')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 1        | 04/09/12 03:24 PM | ICP-MS3_120409A  |
|             | Cell 17 (5-6')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 50       | 04/10/12 12:20 AM | ICP-MS3_120409A  |
| 1203281-11C | Cell 17 (5-6')   | Soil   | E300        | Anions by IC method - Soil   | 51191    | 1        | 04/02/12 12:18 PM | IC_120402A       |
|             | Cell 17 (5-6')   | Soil   | M8015D      | TPH Extractable by GC - Soil | 51300    | 1        | 04/11/12 10:22 AM | GC15_120411A     |
| 1203281-12A | Cell 21 (5-6')   | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 51190    | 1        | 03/30/12 07:23 PM | GC4_120330A      |
|             | Cell 21 (5-6')   | Soil   | E418.1      | TRPH                         | 51221    | 1        | 04/03/12 10:40 AM | IR207_120403A    |
|             | Cell 21 (5-6')   | Soil   | SW8021B     | Volatile Organics by GC      | 51198    | 1        | 03/31/12 04:45 PM | GC4_120331A      |
| 1203281-12B | Cell 21 (5-6')   | Soil   | D2216       | Percent Moisture             | 51297    | 1        | 04/09/12 08:38 AM | PMOIST_120406A   |
|             | Cell 21 (5-6')   | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 51227    | 1        | 04/06/12 01:26 PM | CETAC_HG_120406A |
|             | Cell 21 (5-6')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 1        | 04/09/12 03:29 PM | ICP-MS3_120409A  |
|             | Cell 21 (5-6')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 50       | 04/10/12 12:26 AM | ICP-MS3_120409A  |
| 1203281-12C | Cell 21 (5-6')   | Soil   | E300        | Anions by IC method - Soil   | 51191    | 1        | 04/02/12 12:30 PM | IC_120402A       |
|             | Cell 21 (5-6')   | Soil   | M8015D      | TPH Extractable by GC - Soil | 51300    | 1        | 04/11/12 04:15 PM | GC15_120411A     |

**Lab Order:** 1203281  
**Client:** Larson & Associates  
**Project:** Chevron Landfarm

**ANALYTICAL DATES REPORT**

| Sample ID   | Client Sample ID | Matrix | Test Number | Test Name                    | Batch ID | Dilution | Analysis Date     | Run ID           |
|-------------|------------------|--------|-------------|------------------------------|----------|----------|-------------------|------------------|
| 1203281-12C | Cell 21 (5-6')   | Soil   | M8015D      | TPH Extractable by GC - Soil | 51300    | 1        | 04/11/12 01:53 PM | GC15_120411A     |
| 1203281-13A | Cell 26 (5-6')   | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 51190    | 1        | 03/30/12 07:48 PM | GC4_120330A      |
|             | Cell 26 (5-6')   | Soil   | E418.1      | TRPH                         | 51221    | 1        | 04/03/12 10:40 AM | IR207_120403A    |
|             | Cell 26 (5-6')   | Soil   | SW8021B     | Volatile Organics by GC      | 51198    | 1        | 03/31/12 05:11 PM | GC4_120331A      |
| 1203281-13B | Cell 26 (5-6')   | Soil   | D2216       | Percent Moisture             | 51297    | 1        | 04/09/12 08:38 AM | PMOIST_120406A   |
|             | Cell 26 (5-6')   | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 51227    | 1        | 04/06/12 01:28 PM | CETAC_HG_120406A |
|             | Cell 26 (5-6')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 1        | 04/09/12 03:35 PM | ICP-MS3_120409A  |
|             | Cell 26 (5-6')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 50       | 04/10/12 12:32 AM | ICP-MS3_120409A  |
| 1203281-13C | Cell 26 (5-6')   | Soil   | E300        | Anions by IC method - Soil   | 51191    | 1        | 04/02/12 12:41 PM | IC_120402A       |
|             | Cell 26 (5-6')   | Soil   | M8015D      | TPH Extractable by GC - Soil | 51300    | 1        | 04/11/12 12:25 PM | GC15_120411A     |
| 1203281-14A | Cell 25 (5-6')   | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 51190    | 1        | 03/30/12 08:13 PM | GC4_120330A      |
|             | Cell 25 (5-6')   | Soil   | E418.1      | TRPH                         | 51221    | 1        | 04/03/12 10:40 AM | IR207_120403A    |
|             | Cell 25 (5-6')   | Soil   | SW8021B     | Volatile Organics by GC      | 51198    | 1        | 03/31/12 05:36 PM | GC4_120331A      |
| 1203281-14B | Cell 25 (5-6')   | Soil   | D2216       | Percent Moisture             | 51297    | 1        | 04/09/12 08:38 AM | PMOIST_120406A   |
|             | Cell 25 (5-6')   | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 51227    | 1        | 04/06/12 01:30 PM | CETAC_HG_120406A |
|             | Cell 25 (5-6')   | Soil   | SW6020      | Trace Metals: ICP-MS - Solid | 51209    | 1        | 04/09/12 03:40 PM | ICP-MS3_120409A  |
| 1203281-14C | Cell 25 (5-6')   | Soil   | E300        | Anions by IC method - Soil   | 51191    | 1        | 04/02/12 12:53 PM | IC_120402A       |
|             | Cell 25 (5-6')   | Soil   | M8015D      | TPH Extractable by GC - Soil | 51300    | 1        | 04/11/12 10:31 AM | GC15_120411A     |

# DHL Analytical

Date: 12-Apr-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1203281

**Client Sample ID:** Cell 20 (0-1')  
**Lab ID:** 1203281-01  
**Collection Date:** 03/28/12 12:50 PM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | 38.7   | 9.91           | 9.91    |      | mg/Kg-dry | 1  | 04/11/12 03:40 PM   |
| Surr: Isopropylbenzene              | 59.8   | 0              | 47-142  |      | %REC      | 1  | 04/11/12 03:40 PM   |
| Surr: Octacosane                    | 109    | 0              | 25-162  |      | %REC      | 1  | 04/11/12 03:40 PM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.0997         | 0.199   |      | mg/Kg-dry | 1  | 03/30/12 01:53 PM   |
| Surr: Tetrachlorethene              | 100    | 0              | 70-134  |      | %REC      | 1  | 03/30/12 01:53 PM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00289        | 0.00482 |      | mg/Kg-dry | 1  | 03/31/12 11:40 AM   |
| Ethylbenzene                        | ND     | 0.00482        | 0.0145  |      | mg/Kg-dry | 1  | 03/31/12 11:40 AM   |
| Toluene                             | ND     | 0.00482        | 0.0145  |      | mg/Kg-dry | 1  | 03/31/12 11:40 AM   |
| Xylenes, Total                      | ND     | 0.00482        | 0.0145  |      | mg/Kg-dry | 1  | 03/31/12 11:40 AM   |
| Surr: Tetrachloroethene             | 90.4   | 0              | 79-135  |      | %REC      | 1  | 03/31/12 11:40 AM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | 0.0144 | 0.0139         | 0.0347  | J    | mg/Kg-dry | 1  | 04/06/12 12:59 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020</b>  |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 2.35   | 0.490          | 0.980   |      | mg/Kg-dry | 5  | 04/09/12 01:26 PM   |
| Barium                              | 169    | 0.490          | 1.96    |      | mg/Kg-dry | 5  | 04/09/12 01:26 PM   |
| Cadmium                             | 0.135  | 0.0980         | 0.294   | J    | mg/Kg-dry | 5  | 04/09/12 01:26 PM   |
| Chromium                            | 8.12   | 0.490          | 1.96    |      | mg/Kg-dry | 5  | 04/09/12 01:26 PM   |
| Copper                              | 2.98   | 0.490          | 1.96    |      | mg/Kg-dry | 5  | 04/09/12 01:26 PM   |
| Iron                                | 6530   | 122            | 122     |      | mg/Kg-dry | 50 | 04/09/12 09:31 PM   |
| Lead                                | 4.62   | 0.0980         | 0.294   |      | mg/Kg-dry | 5  | 04/09/12 01:26 PM   |
| Selenium                            | 0.536  | 0.147          | 0.490   |      | mg/Kg-dry | 5  | 04/09/12 01:26 PM   |
| Silver                              | ND     | 0.0980         | 0.196   |      | mg/Kg-dry | 5  | 04/09/12 01:26 PM   |
| Zinc                                | 16.7   | 0.980          | 2.45    |      | mg/Kg-dry | 5  | 04/09/12 01:26 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>JBC</b> |
| Petroleum Hydrocarbons, TR          | 209    | 5.07           | 10.1    | N    | mg/Kg-dry | 1  | 04/03/12 10:40 AM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | 14.1   | 5.07           | 5.07    |      | mg/Kg-dry | 1  | 04/02/12 09:44 AM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>JCG</b> |
| Percent Moisture                    | 1.84   | 0              | 0       |      | WT%       | 1  | 04/09/12 08:38 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

# DHL Analytical

Date: 12-Apr-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1203281

**Client Sample ID:** Cell 19 (0-1')  
**Lab ID:** 1203281-02  
**Collection Date:** 03/28/12 01:05 PM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | 43.1   | 2.93           | 9.78    |      | mg/Kg-dry | 1  | 04/11/12 03:22 PM   |
| Surr: Isopropylbenzene              | 59.9   | 0              | 47-142  |      | %REC      | 1  | 04/11/12 03:22 PM   |
| Surr: Octacosane                    | 121    | 0              | 25-162  |      | %REC      | 1  | 04/11/12 03:22 PM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.0912         | 0.182   |      | mg/Kg-dry | 1  | 03/30/12 02:18 PM   |
| Surr: Tetrachlorethene              | 108    | 0              | 70-134  |      | %REC      | 1  | 03/30/12 02:18 PM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00291        | 0.00486 |      | mg/Kg-dry | 1  | 03/31/12 12:06 PM   |
| Ethylbenzene                        | ND     | 0.00486        | 0.0146  |      | mg/Kg-dry | 1  | 03/31/12 12:06 PM   |
| Toluene                             | ND     | 0.00486        | 0.0146  |      | mg/Kg-dry | 1  | 03/31/12 12:06 PM   |
| Xylenes, Total                      | ND     | 0.00486        | 0.0146  |      | mg/Kg-dry | 1  | 03/31/12 12:06 PM   |
| Surr: Tetrachloroethene             | 88.2   | 0              | 79-135  |      | %REC      | 1  | 03/31/12 12:06 PM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0160         | 0.0400  |      | mg/Kg-dry | 1  | 04/06/12 01:02 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020</b>  |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 2.53   | 0.502          | 1.00    |      | mg/Kg-dry | 5  | 04/09/12 01:37 PM   |
| Barium                              | 143    | 0.502          | 2.01    |      | mg/Kg-dry | 5  | 04/09/12 01:37 PM   |
| Cadmium                             | 0.120  | 0.100          | 0.301   | J    | mg/Kg-dry | 5  | 04/09/12 01:37 PM   |
| Chromium                            | 8.02   | 0.502          | 2.01    |      | mg/Kg-dry | 5  | 04/09/12 01:37 PM   |
| Copper                              | 3.08   | 0.502          | 2.01    |      | mg/Kg-dry | 5  | 04/09/12 01:37 PM   |
| Iron                                | 6730   | 125            | 125     |      | mg/Kg-dry | 50 | 04/09/12 09:42 PM   |
| Lead                                | 4.65   | 0.100          | 0.301   |      | mg/Kg-dry | 5  | 04/09/12 01:37 PM   |
| Selenium                            | 0.421  | 0.151          | 0.502   | J    | mg/Kg-dry | 5  | 04/09/12 01:37 PM   |
| Silver                              | ND     | 0.100          | 0.201   |      | mg/Kg-dry | 5  | 04/09/12 01:37 PM   |
| Zinc                                | 21.8   | 1.00           | 2.51    |      | mg/Kg-dry | 5  | 04/09/12 01:37 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>JBC</b> |
| Petroleum Hydrocarbons, TR          | 51.6   | 5.03           | 10.1    | N    | mg/Kg-dry | 1  | 04/03/12 10:40 AM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | 18.8   | 4.92           | 4.92    |      | mg/Kg-dry | 1  | 04/02/12 09:56 AM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>JCG</b> |
| Percent Moisture                    | 1.38   | 0              | 0       |      | WT%       | 1  | 04/09/12 08:38 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

**DHL Analytical**

Date: 12-Apr-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1203281

**Client Sample ID:** Cell 18 (0-1')  
**Lab ID:** 1203281-03  
**Collection Date:** 03/28/12 01:20 PM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | 31.1   | 9.35           | 9.35    |      | mg/Kg-dry | 1  | 04/11/12 01:00 PM   |
| Surr: Isopropylbenzene              | 58.5   | 0              | 47-142  |      | %REC      | 1  | 04/11/12 01:00 PM   |
| Surr: Octacosane                    | 103    | 0              | 25-162  |      | %REC      | 1  | 04/11/12 01:00 PM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.0923         | 0.185   |      | mg/Kg-dry | 1  | 03/30/12 02:44 PM   |
| Surr: Tetrachlorethene              | 113    | 0              | 70-134  |      | %REC      | 1  | 03/30/12 02:44 PM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00266        | 0.00444 |      | mg/Kg-dry | 1  | 03/31/12 12:31 PM   |
| Ethylbenzene                        | ND     | 0.00444        | 0.0133  |      | mg/Kg-dry | 1  | 03/31/12 12:31 PM   |
| Toluene                             | ND     | 0.00444        | 0.0133  |      | mg/Kg-dry | 1  | 03/31/12 12:31 PM   |
| Xylenes, Total                      | ND     | 0.00444        | 0.0133  |      | mg/Kg-dry | 1  | 03/31/12 12:31 PM   |
| Surr: Tetrachloroethene             | 90.9   | 0              | 79-135  |      | %REC      | 1  | 03/31/12 12:31 PM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0153         | 0.0382  |      | mg/Kg-dry | 1  | 04/06/12 01:04 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020</b>  |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 2.57   | 0.471          | 0.942   |      | mg/Kg-dry | 5  | 04/09/12 01:43 PM   |
| Barium                              | 131    | 0.471          | 1.88    |      | mg/Kg-dry | 5  | 04/09/12 01:43 PM   |
| Cadmium                             | 0.150  | 0.0942         | 0.283   | J    | mg/Kg-dry | 5  | 04/09/12 01:43 PM   |
| Chromium                            | 7.55   | 0.471          | 1.88    |      | mg/Kg-dry | 5  | 04/09/12 01:43 PM   |
| Copper                              | 3.75   | 0.471          | 1.88    |      | mg/Kg-dry | 5  | 04/09/12 01:43 PM   |
| Iron                                | 5710   | 118            | 118     |      | mg/Kg-dry | 50 | 04/09/12 09:48 PM   |
| Lead                                | 6.45   | 0.0942         | 0.283   |      | mg/Kg-dry | 5  | 04/09/12 01:43 PM   |
| Selenium                            | 0.523  | 0.141          | 0.471   |      | mg/Kg-dry | 5  | 04/09/12 01:43 PM   |
| Silver                              | ND     | 0.0942         | 0.188   |      | mg/Kg-dry | 5  | 04/09/12 01:43 PM   |
| Zinc                                | 18.7   | 0.942          | 2.36    |      | mg/Kg-dry | 5  | 04/09/12 01:43 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>JBC</b> |
| Petroleum Hydrocarbons, TR          | 74.0   | 5.02           | 10.0    | N    | mg/Kg-dry | 1  | 04/03/12 10:40 AM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | ND     | 4.97           | 4.97    |      | mg/Kg-dry | 1  | 04/02/12 10:07 AM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>JCG</b> |
| Percent Moisture                    | 0.812  | 0              | 0       |      | WT%       | 1  | 04/09/12 08:38 AM   |

|                    |                                                       |                                                   |
|--------------------|-------------------------------------------------------|---------------------------------------------------|
| <b>Qualifiers:</b> | * Value exceeds TCLP Maximum Concentration Level      | B Analyte detected in the associated Method Blank |
|                    | C Sample Result or QC discussed in the Case Narrative | DF Dilution Factor                                |
|                    | E TPH pattern not Gas or Diesel Range Pattern         | J Analyte detected between MDL and RL             |
|                    | MDL Method Detection Limit                            | ND Not Detected at the Method Detection Limit     |
|                    | RL Reporting Limit                                    | S Spike Recovery outside control limits           |
|                    | N Parameter not NELAC certified                       |                                                   |

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# DHL Analytical

Date: 12-Apr-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1203281

**Client Sample ID:** Cell 17 (0-1')  
**Lab ID:** 1203281-04  
**Collection Date:** 03/28/12 01:28 PM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | 47.5   | 9.89           | 9.89    |      | mg/Kg-dry | 1  | 04/11/12 11:15 AM   |
| Surr: Isopropylbenzene              | 61.4   | 0              | 47-142  |      | %REC      | 1  | 04/11/12 11:15 AM   |
| Surr: Octacosane                    | 125    | 0              | 25-162  |      | %REC      | 1  | 04/11/12 11:15 AM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.0999         | 0.200   |      | mg/Kg-dry | 1  | 03/30/12 03:09 PM   |
| Surr: Tetrachlorethene              | 104    | 0              | 70-134  |      | %REC      | 1  | 03/30/12 03:09 PM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00270        | 0.00449 |      | mg/Kg-dry | 1  | 03/31/12 12:56 PM   |
| Ethylbenzene                        | ND     | 0.00449        | 0.0135  |      | mg/Kg-dry | 1  | 03/31/12 12:56 PM   |
| Toluene                             | ND     | 0.00449        | 0.0135  |      | mg/Kg-dry | 1  | 03/31/12 12:56 PM   |
| Xylenes, Total                      | ND     | 0.00449        | 0.0135  |      | mg/Kg-dry | 1  | 03/31/12 12:56 PM   |
| Surr: Tetrachloroethene             | 89.2   | 0              | 79-135  |      | %REC      | 1  | 03/31/12 12:56 PM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0147         | 0.0368  |      | mg/Kg-dry | 1  | 04/06/12 01:06 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020</b>  |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 1.87   | 0.484          | 0.968   |      | mg/Kg-dry | 5  | 04/09/12 01:48 PM   |
| Barium                              | 54.6   | 0.484          | 1.94    |      | mg/Kg-dry | 5  | 04/09/12 01:48 PM   |
| Cadmium                             | 0.133  | 0.0968         | 0.290   | J    | mg/Kg-dry | 5  | 04/09/12 01:48 PM   |
| Chromium                            | 7.55   | 0.484          | 1.94    |      | mg/Kg-dry | 5  | 04/09/12 01:48 PM   |
| Copper                              | 3.09   | 0.484          | 1.94    |      | mg/Kg-dry | 5  | 04/09/12 01:48 PM   |
| Iron                                | 6360   | 121            | 121     |      | mg/Kg-dry | 50 | 04/09/12 09:54 PM   |
| Lead                                | 5.08   | 0.0968         | 0.290   |      | mg/Kg-dry | 5  | 04/09/12 01:48 PM   |
| Selenium                            | 0.525  | 0.145          | 0.484   |      | mg/Kg-dry | 5  | 04/09/12 01:48 PM   |
| Silver                              | ND     | 0.0968         | 0.194   |      | mg/Kg-dry | 5  | 04/09/12 01:48 PM   |
| Zinc                                | 17.0   | 0.968          | 2.42    |      | mg/Kg-dry | 5  | 04/09/12 01:48 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>JBC</b> |
| Petroleum Hydrocarbons, TR          | 47.8   | 4.97           | 9.94    | N    | mg/Kg-dry | 1  | 04/03/12 10:40 AM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | ND     | 4.94           | 4.94    |      | mg/Kg-dry | 1  | 04/02/12 10:19 AM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>JCG</b> |
| Percent Moisture                    | 0.669  | 0              | 0       |      | WT%       | 1  | 04/09/12 08:38 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

# DHL Analytical

Date: 12-Apr-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1203281

**Client Sample ID:** Cell 21 (0-1')  
**Lab ID:** 1203281-05  
**Collection Date:** 03/28/12 01:35 PM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | 43.3   | 9.91           | 9.91    |      | mg/Kg-dry | 1  | 04/11/12 12:34 PM   |
| Surr: Isopropylbenzene              | 57.7   | 0              | 47-142  |      | %REC      | 1  | 04/11/12 12:34 PM   |
| Surr: Octacosane                    | 115    | 0              | 25-162  |      | %REC      | 1  | 04/11/12 12:34 PM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.0937         | 0.187   |      | mg/Kg-dry | 1  | 03/30/12 03:34 PM   |
| Surr: Tetrachlorethene              | 108    | 0              | 70-134  |      | %REC      | 1  | 03/30/12 03:34 PM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00290        | 0.00483 |      | mg/Kg-dry | 1  | 03/31/12 01:22 PM   |
| Ethylbenzene                        | ND     | 0.00483        | 0.0145  |      | mg/Kg-dry | 1  | 03/31/12 01:22 PM   |
| Toluene                             | ND     | 0.00483        | 0.0145  |      | mg/Kg-dry | 1  | 03/31/12 01:22 PM   |
| Xylenes, Total                      | ND     | 0.00483        | 0.0145  |      | mg/Kg-dry | 1  | 03/31/12 01:22 PM   |
| Surr: Tetrachloroethene             | 88.5   | 0              | 79-135  |      | %REC      | 1  | 03/31/12 01:22 PM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0145         | 0.0363  |      | mg/Kg-dry | 1  | 04/06/12 01:08 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020</b>  |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 2.15   | 0.481          | 0.962   |      | mg/Kg-dry | 5  | 04/09/12 01:54 PM   |
| Barium                              | 98.4   | 0.481          | 1.92    |      | mg/Kg-dry | 5  | 04/09/12 01:54 PM   |
| Cadmium                             | 0.126  | 0.0962         | 0.289   | J    | mg/Kg-dry | 5  | 04/09/12 01:54 PM   |
| Chromium                            | 7.82   | 0.481          | 1.92    |      | mg/Kg-dry | 5  | 04/09/12 01:54 PM   |
| Copper                              | 3.15   | 0.481          | 1.92    |      | mg/Kg-dry | 5  | 04/09/12 01:54 PM   |
| Iron                                | 6670   | 120            | 120     |      | mg/Kg-dry | 50 | 04/09/12 09:59 PM   |
| Lead                                | 5.25   | 0.0962         | 0.289   |      | mg/Kg-dry | 5  | 04/09/12 01:54 PM   |
| Selenium                            | 0.478  | 0.144          | 0.481   | J    | mg/Kg-dry | 5  | 04/09/12 01:54 PM   |
| Silver                              | ND     | 0.0962         | 0.192   |      | mg/Kg-dry | 5  | 04/09/12 01:54 PM   |
| Zinc                                | 21.6   | 0.962          | 2.40    |      | mg/Kg-dry | 5  | 04/09/12 01:54 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>JBC</b> |
| Petroleum Hydrocarbons, TR          | 55.4   | 4.98           | 9.96    | N    | mg/Kg-dry | 1  | 04/03/12 10:40 AM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | ND     | 5.05           | 5.05    |      | mg/Kg-dry | 1  | 04/02/12 11:08 AM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>JCG</b> |
| Percent Moisture                    | 0.985  | 0              | 0       |      | WT%       | 1  | 04/09/12 08:38 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

# DHL Analytical

Date: 12-Apr-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1203281

**Client Sample ID:** Cell 26 (0-1')  
**Lab ID:** 1203281-06  
**Collection Date:** 03/28/12 01:50 PM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | 182    | 48.9           | 48.9    |      | mg/Kg-dry | 5  | 04/11/12 05:07 PM   |
| Surr: Isopropylbenzene              | 62.9   | 0              | 47-142  |      | %REC      | 5  | 04/11/12 05:07 PM   |
| Surr: Octacosane                    | 222    | 0              | 25-162  | S    | %REC      | 5  | 04/11/12 05:07 PM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.0932         | 0.186   |      | mg/Kg-dry | 1  | 03/30/12 04:00 PM   |
| Surr: Tetrachlorethene              | 102    | 0              | 70-134  |      | %REC      | 1  | 03/30/12 04:00 PM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00284        | 0.00473 |      | mg/Kg-dry | 1  | 04/02/12 01:09 PM   |
| Ethylbenzene                        | ND     | 0.00473        | 0.0142  |      | mg/Kg-dry | 1  | 04/02/12 01:09 PM   |
| Toluene                             | ND     | 0.00473        | 0.0142  |      | mg/Kg-dry | 1  | 04/02/12 01:09 PM   |
| Xylenes, Total                      | ND     | 0.00473        | 0.0142  |      | mg/Kg-dry | 1  | 04/02/12 01:09 PM   |
| Surr: Tetrachloroethene             | 94.9   | 0              | 79-135  |      | %REC      | 1  | 04/02/12 01:09 PM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0143         | 0.0358  |      | mg/Kg-dry | 1  | 04/06/12 01:10 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020</b>  |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 2.11   | 0.490          | 0.979   |      | mg/Kg-dry | 5  | 04/09/12 01:59 PM   |
| Barium                              | 56.2   | 0.490          | 1.96    |      | mg/Kg-dry | 5  | 04/09/12 01:59 PM   |
| Cadmium                             | 0.137  | 0.0979         | 0.294   | J    | mg/Kg-dry | 5  | 04/09/12 01:59 PM   |
| Chromium                            | 7.94   | 0.490          | 1.96    |      | mg/Kg-dry | 5  | 04/09/12 01:59 PM   |
| Copper                              | 3.59   | 0.490          | 1.96    |      | mg/Kg-dry | 5  | 04/09/12 01:59 PM   |
| Iron                                | 6470   | 122            | 122     |      | mg/Kg-dry | 50 | 04/09/12 10:05 PM   |
| Lead                                | 4.84   | 0.0979         | 0.294   |      | mg/Kg-dry | 5  | 04/09/12 01:59 PM   |
| Selenium                            | 0.541  | 0.147          | 0.490   |      | mg/Kg-dry | 5  | 04/09/12 01:59 PM   |
| Silver                              | ND     | 0.0979         | 0.196   |      | mg/Kg-dry | 5  | 04/09/12 01:59 PM   |
| Zinc                                | 18.9   | 0.979          | 2.45    |      | mg/Kg-dry | 5  | 04/09/12 01:59 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>JBC</b> |
| Petroleum Hydrocarbons, TR          | 338    | 5.02           | 10.0    | N    | mg/Kg-dry | 1  | 04/03/12 10:40 AM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | ND     | 5.04           | 5.04    |      | mg/Kg-dry | 1  | 04/02/12 11:20 AM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>JCG</b> |
| Percent Moisture                    | 0.845  | 0              | 0       |      | WT%       | 1  | 04/09/12 08:38 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

**DHL Analytical**

Date: 12-Apr-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1203281

**Client Sample ID:** Cell 25 (0-1')  
**Lab ID:** 1203281-07  
**Collection Date:** 03/28/12 02:05 PM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | 23.3   | 9.64           | 9.64    |      | mg/Kg-dry | 1  | 04/11/12 12:07 PM   |
| Surr: Isopropylbenzene              | 56.2   | 0              | 47-142  |      | %REC      | 1  | 04/11/12 12:07 PM   |
| Surr: Octacosane                    | 101    | 0              | 25-162  |      | %REC      | 1  | 04/11/12 12:07 PM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.0987         | 0.197   |      | mg/Kg-dry | 1  | 03/30/12 04:24 PM   |
| Surr: Tetrachlorethene              | 111    | 0              | 70-134  |      | %REC      | 1  | 03/30/12 04:24 PM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00289        | 0.00482 |      | mg/Kg-dry | 1  | 03/31/12 02:12 PM   |
| Ethylbenzene                        | ND     | 0.00482        | 0.0145  |      | mg/Kg-dry | 1  | 03/31/12 02:12 PM   |
| Toluene                             | ND     | 0.00482        | 0.0145  |      | mg/Kg-dry | 1  | 03/31/12 02:12 PM   |
| Xylenes, Total                      | ND     | 0.00482        | 0.0145  |      | mg/Kg-dry | 1  | 03/31/12 02:12 PM   |
| Surr: Tetrachloroethene             | 89.2   | 0              | 79-135  |      | %REC      | 1  | 03/31/12 02:12 PM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0151         | 0.0377  |      | mg/Kg-dry | 1  | 04/06/12 01:16 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020</b>  |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 2.25   | 0.453          | 0.906   |      | mg/Kg-dry | 5  | 04/09/12 02:05 PM   |
| Barium                              | 76.4   | 0.453          | 1.81    |      | mg/Kg-dry | 5  | 04/09/12 02:05 PM   |
| Cadmium                             | 0.142  | 0.0906         | 0.272   | J    | mg/Kg-dry | 5  | 04/09/12 02:05 PM   |
| Chromium                            | 7.38   | 0.453          | 1.81    |      | mg/Kg-dry | 5  | 04/09/12 02:05 PM   |
| Copper                              | 2.94   | 0.453          | 1.81    |      | mg/Kg-dry | 5  | 04/09/12 02:05 PM   |
| Iron                                | 6440   | 113            | 113     |      | mg/Kg-dry | 50 | 04/09/12 10:11 PM   |
| Lead                                | 5.05   | 0.0906         | 0.272   |      | mg/Kg-dry | 5  | 04/09/12 02:05 PM   |
| Selenium                            | 0.449  | 0.136          | 0.453   | J    | mg/Kg-dry | 5  | 04/09/12 02:05 PM   |
| Silver                              | ND     | 0.0906         | 0.181   |      | mg/Kg-dry | 5  | 04/09/12 02:05 PM   |
| Zinc                                | 19.1   | 0.906          | 2.27    |      | mg/Kg-dry | 5  | 04/09/12 02:05 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>JBC</b> |
| Petroleum Hydrocarbons, TR          | 20.9   | 5.07           | 10.1    | N    | mg/Kg-dry | 1  | 04/03/12 10:40 AM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | 32.3   | 4.95           | 4.95    |      | mg/Kg-dry | 1  | 04/02/12 11:32 AM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>JCG</b> |
| Percent Moisture                    | 1.45   | 0              | 0       |      | WT%       | 1  | 04/09/12 08:38 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

**DHL Analytical**

Date: 12-Apr-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1203281

**Client Sample ID:** Cell 20 (5-6')  
**Lab ID:** 1203281-08  
**Collection Date:** 03/28/12 12:55 PM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | 37.4   | 10.4           | 10.4    |      | mg/Kg-dry | 1  | 04/11/12 01:09 PM   |
| Surr: Isopropylbenzene              | 60.6   | 0              | 47-142  |      | %REC      | 1  | 04/11/12 01:09 PM   |
| Surr: Octacosane                    | 120    | 0              | 25-162  |      | %REC      | 1  | 04/11/12 01:09 PM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.0945         | 0.189   |      | mg/Kg-dry | 1  | 03/30/12 04:50 PM   |
| Surr: Tetrachlorethene              | 106    | 0              | 70-134  |      | %REC      | 1  | 03/30/12 04:50 PM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00310        | 0.00517 |      | mg/Kg-dry | 1  | 03/31/12 02:38 PM   |
| Ethylbenzene                        | ND     | 0.00517        | 0.0155  |      | mg/Kg-dry | 1  | 03/31/12 02:38 PM   |
| Toluene                             | ND     | 0.00517        | 0.0155  |      | mg/Kg-dry | 1  | 03/31/12 02:38 PM   |
| Xylenes, Total                      | ND     | 0.00517        | 0.0155  |      | mg/Kg-dry | 1  | 03/31/12 02:38 PM   |
| Surr: Tetrachloroethene             | 88.9   | 0              | 79-135  |      | %REC      | 1  | 03/31/12 02:38 PM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0162         | 0.0406  |      | mg/Kg-dry | 1  | 04/06/12 01:18 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020</b>  |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 2.91   | 0.504          | 1.01    |      | mg/Kg-dry | 5  | 04/09/12 02:11 PM   |
| Barium                              | 317    | 0.504          | 2.02    |      | mg/Kg-dry | 5  | 04/09/12 02:11 PM   |
| Cadmium                             | ND     | 0.101          | 0.302   |      | mg/Kg-dry | 5  | 04/09/12 02:11 PM   |
| Chromium                            | 4.22   | 0.504          | 2.02    |      | mg/Kg-dry | 5  | 04/09/12 02:11 PM   |
| Copper                              | 2.02   | 0.504          | 2.02    |      | mg/Kg-dry | 5  | 04/09/12 02:11 PM   |
| Iron                                | 3230   | 126            | 126     |      | mg/Kg-dry | 50 | 04/09/12 10:16 PM   |
| Lead                                | 2.14   | 0.101          | 0.302   |      | mg/Kg-dry | 5  | 04/09/12 02:11 PM   |
| Selenium                            | 0.369  | 0.151          | 0.504   | J    | mg/Kg-dry | 5  | 04/09/12 02:11 PM   |
| Silver                              | ND     | 0.101          | 0.202   |      | mg/Kg-dry | 5  | 04/09/12 02:11 PM   |
| Zinc                                | 7.55   | 1.01           | 2.52    |      | mg/Kg-dry | 5  | 04/09/12 02:11 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>JBC</b> |
| Petroleum Hydrocarbons, TR          | 116    | 5.25           | 10.5    | N    | mg/Kg-dry | 1  | 04/03/12 10:40 AM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | 21.6   | 5.25           | 5.25    |      | mg/Kg-dry | 1  | 04/02/12 11:43 AM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>JCG</b> |
| Percent Moisture                    | 5.52   | 0              | 0       |      | WT%       | 1  | 04/09/12 08:38 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

# DHL Analytical

Date: 12-Apr-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1203281

**Client Sample ID:** Cell 19 (5-6')  
**Lab ID:** 1203281-09  
**Collection Date:** 03/28/12 01:10 PM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | ND     | 10.9           | 10.9    |      | mg/Kg-dry | 1  | 04/11/12 10:05 AM   |
| Surr: Isopropylbenzene              | 56.0   | 0              | 47-142  |      | %REC      | 1  | 04/11/12 10:05 AM   |
| Surr: Octacosane                    | 84.3   | 0              | 25-162  |      | %REC      | 1  | 04/11/12 10:05 AM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.100          | 0.200   |      | mg/Kg-dry | 1  | 03/30/12 05:15 PM   |
| Surr: Tetrachlorethene              | 105    | 0              | 70-134  |      | %REC      | 1  | 03/30/12 05:15 PM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00300        | 0.00499 |      | mg/Kg-dry | 1  | 03/31/12 03:03 PM   |
| Ethylbenzene                        | ND     | 0.00499        | 0.0150  |      | mg/Kg-dry | 1  | 03/31/12 03:03 PM   |
| Toluene                             | ND     | 0.00499        | 0.0150  |      | mg/Kg-dry | 1  | 03/31/12 03:03 PM   |
| Xylenes, Total                      | ND     | 0.00499        | 0.0150  |      | mg/Kg-dry | 1  | 03/31/12 03:03 PM   |
| Surr: Tetrachloroethene             | 90.2   | 0              | 79-135  |      | %REC      | 1  | 03/31/12 03:03 PM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0150         | 0.0375  |      | mg/Kg-dry | 1  | 04/06/12 01:20 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020</b>  |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 4.08   | 0.542          | 1.08    |      | mg/Kg-dry | 5  | 04/09/12 02:16 PM   |
| Barium                              | 696    | 2.71           | 10.8    |      | mg/Kg-dry | 25 | 04/11/12 01:10 PM   |
| Cadmium                             | ND     | 0.108          | 0.325   |      | mg/Kg-dry | 5  | 04/09/12 02:16 PM   |
| Chromium                            | 2.66   | 0.542          | 2.17    |      | mg/Kg-dry | 5  | 04/09/12 02:16 PM   |
| Copper                              | 2.24   | 0.542          | 2.17    |      | mg/Kg-dry | 5  | 04/09/12 02:16 PM   |
| Iron                                | 1920   | 13.6           | 13.6    |      | mg/Kg-dry | 5  | 04/09/12 02:16 PM   |
| Lead                                | 1.33   | 0.108          | 0.325   |      | mg/Kg-dry | 5  | 04/09/12 02:16 PM   |
| Selenium                            | 0.331  | 0.163          | 0.542   | J    | mg/Kg-dry | 5  | 04/09/12 02:16 PM   |
| Silver                              | ND     | 0.108          | 0.217   |      | mg/Kg-dry | 5  | 04/09/12 02:16 PM   |
| Zinc                                | 5.18   | 1.08           | 2.71    |      | mg/Kg-dry | 5  | 04/09/12 02:16 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>JBC</b> |
| Petroleum Hydrocarbons, TR          | 5.51   | 5.51           | 11.0    | JN   | mg/Kg-dry | 1  | 04/03/12 10:40 AM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | 11.7   | 5.53           | 5.53    |      | mg/Kg-dry | 1  | 04/02/12 11:55 AM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>JCG</b> |
| Percent Moisture                    | 9.63   | 0              | 0       |      | WT%       | 1  | 04/09/12 08:38 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

**DHL Analytical**

Date: 12-Apr-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1203281

**Client Sample ID:** Cell 18 (5-6')  
**Lab ID:** 1203281-10  
**Collection Date:** 03/28/12 01:25 PM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | ND     | 11.0           | 11.0    |      | mg/Kg-dry | 1  | 04/11/12 10:13 AM   |
| Surr: Isopropylbenzene              | 53.2   | 0              | 47-142  |      | %REC      | 1  | 04/11/12 10:13 AM   |
| Surr: Octacosane                    | 79.1   | 0              | 25-162  |      | %REC      | 1  | 04/11/12 10:13 AM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.111          | 0.221   |      | mg/Kg-dry | 1  | 03/30/12 05:40 PM   |
| Surr: Tetrachlorethene              | 105    | 0              | 70-134  |      | %REC      | 1  | 03/30/12 05:40 PM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00296        | 0.00493 |      | mg/Kg-dry | 1  | 03/31/12 03:28 PM   |
| Ethylbenzene                        | ND     | 0.00493        | 0.0148  |      | mg/Kg-dry | 1  | 03/31/12 03:28 PM   |
| Toluene                             | ND     | 0.00493        | 0.0148  |      | mg/Kg-dry | 1  | 03/31/12 03:28 PM   |
| Xylenes, Total                      | ND     | 0.00493        | 0.0148  |      | mg/Kg-dry | 1  | 03/31/12 03:28 PM   |
| Surr: Tetrachloroethene             | 90.7   | 0              | 79-135  |      | %REC      | 1  | 03/31/12 03:28 PM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0174         | 0.0434  |      | mg/Kg-dry | 1  | 04/06/12 01:22 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020</b>  |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 5.05   | 0.524          | 1.05    |      | mg/Kg-dry | 5  | 04/09/12 02:22 PM   |
| Barium                              | 385    | 0.524          | 2.10    |      | mg/Kg-dry | 5  | 04/09/12 02:22 PM   |
| Cadmium                             | ND     | 0.105          | 0.315   |      | mg/Kg-dry | 5  | 04/09/12 02:22 PM   |
| Chromium                            | 2.70   | 0.524          | 2.10    |      | mg/Kg-dry | 5  | 04/09/12 02:22 PM   |
| Copper                              | 1.48   | 0.524          | 2.10    | J    | mg/Kg-dry | 5  | 04/09/12 02:22 PM   |
| Iron                                | 2040   | 13.1           | 13.1    |      | mg/Kg-dry | 5  | 04/09/12 02:22 PM   |
| Lead                                | 1.38   | 0.105          | 0.315   |      | mg/Kg-dry | 5  | 04/09/12 02:22 PM   |
| Selenium                            | 0.399  | 0.157          | 0.524   | J    | mg/Kg-dry | 5  | 04/09/12 02:22 PM   |
| Silver                              | ND     | 0.105          | 0.210   |      | mg/Kg-dry | 5  | 04/09/12 02:22 PM   |
| Zinc                                | 4.98   | 1.05           | 2.62    |      | mg/Kg-dry | 5  | 04/09/12 02:22 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>JBC</b> |
| Petroleum Hydrocarbons, TR          | ND     | 5.56           | 11.1    | N    | mg/Kg-dry | 1  | 04/03/12 10:40 AM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | 30.4   | 5.60           | 5.60    |      | mg/Kg-dry | 1  | 04/02/12 12:06 PM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>JCG</b> |
| Percent Moisture                    | 10.9   | 0              | 0       |      | WT%       | 1  | 04/09/12 08:38 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

# DHL Analytical

Date: 12-Apr-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1203281

**Client Sample ID:** Cell 17 (5-6')  
**Lab ID:** 1203281-11  
**Collection Date:** 03/28/12 01:30 PM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | ND     | 11.0           | 11.0    |      | mg/Kg-dry | 1  | 04/11/12 10:22 AM   |
| Surr: Isopropylbenzene              | 59.1   | 0              | 47-142  |      | %REC      | 1  | 04/11/12 10:22 AM   |
| Surr: Octacosane                    | 86.7   | 0              | 25-162  |      | %REC      | 1  | 04/11/12 10:22 AM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.104          | 0.209   |      | mg/Kg-dry | 1  | 03/30/12 06:57 PM   |
| Surr: Tetrachlorethene              | 99.6   | 0              | 70-134  |      | %REC      | 1  | 03/30/12 06:57 PM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00323        | 0.00538 |      | mg/Kg-dry | 1  | 03/31/12 04:19 PM   |
| Ethylbenzene                        | ND     | 0.00538        | 0.0161  |      | mg/Kg-dry | 1  | 03/31/12 04:19 PM   |
| Toluene                             | ND     | 0.00538        | 0.0161  |      | mg/Kg-dry | 1  | 03/31/12 04:19 PM   |
| Xylenes, Total                      | ND     | 0.00538        | 0.0161  |      | mg/Kg-dry | 1  | 03/31/12 04:19 PM   |
| Surr: Tetrachloroethene             | 87.8   | 0              | 79-135  |      | %REC      | 1  | 03/31/12 04:19 PM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0149         | 0.0373  |      | mg/Kg-dry | 1  | 04/06/12 01:24 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020</b>  |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 0.939  | 0.103          | 0.207   |      | mg/Kg-dry | 1  | 04/09/12 03:24 PM   |
| Barium                              | 35.3   | 0.103          | 0.414   |      | mg/Kg-dry | 1  | 04/09/12 03:24 PM   |
| Cadmium                             | ND     | 0.0207         | 0.0621  |      | mg/Kg-dry | 1  | 04/09/12 03:24 PM   |
| Chromium                            | 1.06   | 0.103          | 0.414   |      | mg/Kg-dry | 1  | 04/09/12 03:24 PM   |
| Copper                              | 0.481  | 0.103          | 0.414   |      | mg/Kg-dry | 1  | 04/09/12 03:24 PM   |
| Iron                                | 4290   | 129            | 129     |      | mg/Kg-dry | 50 | 04/10/12 12:20 AM   |
| Lead                                | 0.592  | 0.0207         | 0.0621  |      | mg/Kg-dry | 1  | 04/09/12 03:24 PM   |
| Selenium                            | 0.103  | 0.0310         | 0.103   | J    | mg/Kg-dry | 1  | 04/09/12 03:24 PM   |
| Silver                              | ND     | 0.0207         | 0.0414  |      | mg/Kg-dry | 1  | 04/09/12 03:24 PM   |
| Zinc                                | 1.91   | 0.207          | 0.517   |      | mg/Kg-dry | 1  | 04/09/12 03:24 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>JBC</b> |
| Petroleum Hydrocarbons, TR          | ND     | 5.51           | 11.0    | N    | mg/Kg-dry | 1  | 04/03/12 10:40 AM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | 163    | 5.44           | 5.44    |      | mg/Kg-dry | 1  | 04/02/12 12:18 PM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>JCG</b> |
| Percent Moisture                    | 9.69   | 0              | 0       |      | WT%       | 1  | 04/09/12 08:38 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

# DHL Analytical

Date: 12-Apr-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1203281

**Client Sample ID:** Cell 21 (5-6')  
**Lab ID:** 1203281-12  
**Collection Date:** 03/28/12 01:40 PM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | 61.2   | 9.44           | 9.44    |      | mg/Kg-dry | 1  | 04/11/12 04:15 PM   |
| Surr: Isopropylbenzene              | 66.3   | 0              | 47-142  |      | %REC      | 1  | 04/11/12 04:15 PM   |
| Surr: Octacosane                    | 150    | 0              | 25-162  |      | %REC      | 1  | 04/11/12 04:15 PM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.0929         | 0.186   |      | mg/Kg-dry | 1  | 03/30/12 07:23 PM   |
| Surr: Tetrachlorethene              | 105    | 0              | 70-134  |      | %REC      | 1  | 03/30/12 07:23 PM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00290        | 0.00483 |      | mg/Kg-dry | 1  | 03/31/12 04:45 PM   |
| Ethylbenzene                        | ND     | 0.00483        | 0.0145  |      | mg/Kg-dry | 1  | 03/31/12 04:45 PM   |
| Toluene                             | ND     | 0.00483        | 0.0145  |      | mg/Kg-dry | 1  | 03/31/12 04:45 PM   |
| Xylenes, Total                      | ND     | 0.00483        | 0.0145  |      | mg/Kg-dry | 1  | 03/31/12 04:45 PM   |
| Surr: Tetrachloroethene             | 90.9   | 0              | 79-135  |      | %REC      | 1  | 03/31/12 04:45 PM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0146         | 0.0364  |      | mg/Kg-dry | 1  | 04/06/12 01:26 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020</b>  |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 0.560  | 0.0868         | 0.174   |      | mg/Kg-dry | 1  | 04/09/12 03:29 PM   |
| Barium                              | 34.4   | 0.0868         | 0.347   |      | mg/Kg-dry | 1  | 04/09/12 03:29 PM   |
| Cadmium                             | 0.0333 | 0.0174         | 0.0521  | J    | mg/Kg-dry | 1  | 04/09/12 03:29 PM   |
| Chromium                            | 1.10   | 0.0868         | 0.347   |      | mg/Kg-dry | 1  | 04/09/12 03:29 PM   |
| Copper                              | 1.20   | 0.0868         | 0.347   |      | mg/Kg-dry | 1  | 04/09/12 03:29 PM   |
| Iron                                | 4000   | 109            | 109     |      | mg/Kg-dry | 50 | 04/10/12 12:26 AM   |
| Lead                                | 0.641  | 0.0174         | 0.0521  |      | mg/Kg-dry | 1  | 04/09/12 03:29 PM   |
| Selenium                            | 0.0874 | 0.0260         | 0.0868  |      | mg/Kg-dry | 1  | 04/09/12 03:29 PM   |
| Silver                              | ND     | 0.0174         | 0.0347  |      | mg/Kg-dry | 1  | 04/09/12 03:29 PM   |
| Zinc                                | 2.81   | 0.174          | 0.434   |      | mg/Kg-dry | 1  | 04/09/12 03:29 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>JBC</b> |
| Petroleum Hydrocarbons, TR          | 105    | 5.13           | 10.3    | N    | mg/Kg-dry | 1  | 04/03/12 10:40 AM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | 5.58   | 5.15           | 5.15    |      | mg/Kg-dry | 1  | 04/02/12 12:30 PM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>JCG</b> |
| Percent Moisture                    | 3.22   | 0              | 0       |      | WT%       | 1  | 04/09/12 08:38 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

# DHL Analytical

Date: 12-Apr-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1203281

**Client Sample ID:** Cell 26 (5-6')  
**Lab ID:** 1203281-13  
**Collection Date:** 03/28/12 01:55 PM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | 57.3   | 9.66           | 9.66    |      | mg/Kg-dry | 1  | 04/11/12 12:25 PM   |
| Surr: Isopropylbenzene              | 63.3   | 0              | 47-142  |      | %REC      | 1  | 04/11/12 12:25 PM   |
| Surr: Octacosane                    | 118    | 0              | 25-162  |      | %REC      | 1  | 04/11/12 12:25 PM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.0969         | 0.194   |      | mg/Kg-dry | 1  | 03/30/12 07:48 PM   |
| Surr: Tetrachlorethene              | 101    | 0              | 70-134  |      | %REC      | 1  | 03/30/12 07:48 PM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00298        | 0.00497 |      | mg/Kg-dry | 1  | 03/31/12 05:11 PM   |
| Ethylbenzene                        | ND     | 0.00497        | 0.0149  |      | mg/Kg-dry | 1  | 03/31/12 05:11 PM   |
| Toluene                             | ND     | 0.00497        | 0.0149  |      | mg/Kg-dry | 1  | 03/31/12 05:11 PM   |
| Xylenes, Total                      | ND     | 0.00497        | 0.0149  |      | mg/Kg-dry | 1  | 03/31/12 05:11 PM   |
| Surr: Tetrachloroethene             | 87.6   | 0              | 79-135  |      | %REC      | 1  | 03/31/12 05:11 PM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0147         | 0.0368  |      | mg/Kg-dry | 1  | 04/06/12 01:28 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020</b>  |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 0.587  | 0.0991         | 0.198   |      | mg/Kg-dry | 1  | 04/09/12 03:35 PM   |
| Barium                              | 29.6   | 0.0991         | 0.396   |      | mg/Kg-dry | 1  | 04/09/12 03:35 PM   |
| Cadmium                             | 0.0317 | 0.0198         | 0.0594  | J    | mg/Kg-dry | 1  | 04/09/12 03:35 PM   |
| Chromium                            | 0.836  | 0.0991         | 0.396   |      | mg/Kg-dry | 1  | 04/09/12 03:35 PM   |
| Copper                              | 0.486  | 0.0991         | 0.396   |      | mg/Kg-dry | 1  | 04/09/12 03:35 PM   |
| Iron                                | 3530   | 124            | 124     |      | mg/Kg-dry | 50 | 04/10/12 12:32 AM   |
| Lead                                | 0.492  | 0.0198         | 0.0594  |      | mg/Kg-dry | 1  | 04/09/12 03:35 PM   |
| Selenium                            | 0.0989 | 0.0297         | 0.0991  | J    | mg/Kg-dry | 1  | 04/09/12 03:35 PM   |
| Silver                              | ND     | 0.0198         | 0.0396  |      | mg/Kg-dry | 1  | 04/09/12 03:35 PM   |
| Zinc                                | 1.76   | 0.198          | 0.495   |      | mg/Kg-dry | 1  | 04/09/12 03:35 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>JBC</b> |
| Petroleum Hydrocarbons, TR          | 164    | 5.15           | 10.3    | N    | mg/Kg-dry | 1  | 04/03/12 10:40 AM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | ND     | 5.06           | 5.06    |      | mg/Kg-dry | 1  | 04/02/12 12:41 PM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>JCG</b> |
| Percent Moisture                    | 3.87   | 0              | 0       |      | WT%       | 1  | 04/09/12 08:38 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

# DHL Analytical

Date: 12-Apr-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1203281

**Client Sample ID:** Cell 25 (5-6')  
**Lab ID:** 1203281-14  
**Collection Date:** 03/28/12 02:10 PM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | ND     | 10.4           | 10.4    |      | mg/Kg-dry | 1  | 04/11/12 10:31 AM   |
| Surr: Isopropylbenzene              | 60.0   | 0              | 47-142  |      | %REC      | 1  | 04/11/12 10:31 AM   |
| Surr: Octacosane                    | 83.0   | 0              | 25-162  |      | %REC      | 1  | 04/11/12 10:31 AM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.0963         | 0.193   |      | mg/Kg-dry | 1  | 03/30/12 08:13 PM   |
| Surr: Tetrachlorethene              | 101    | 0              | 70-134  |      | %REC      | 1  | 03/30/12 08:13 PM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00292        | 0.00487 |      | mg/Kg-dry | 1  | 03/31/12 05:36 PM   |
| Ethylbenzene                        | ND     | 0.00487        | 0.0146  |      | mg/Kg-dry | 1  | 03/31/12 05:36 PM   |
| Toluene                             | ND     | 0.00487        | 0.0146  |      | mg/Kg-dry | 1  | 03/31/12 05:36 PM   |
| Xylenes, Total                      | ND     | 0.00487        | 0.0146  |      | mg/Kg-dry | 1  | 03/31/12 05:36 PM   |
| Surr: Tetrachloroethene             | 86.2   | 0              | 79-135  |      | %REC      | 1  | 03/31/12 05:36 PM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0147         | 0.0367  |      | mg/Kg-dry | 1  | 04/06/12 01:30 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020</b>  |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 0.479  | 0.0990         | 0.198   |      | mg/Kg-dry | 1  | 04/09/12 03:40 PM   |
| Barium                              | 93.5   | 0.0990         | 0.396   |      | mg/Kg-dry | 1  | 04/09/12 03:40 PM   |
| Cadmium                             | 0.0333 | 0.0198         | 0.0594  | J    | mg/Kg-dry | 1  | 04/09/12 03:40 PM   |
| Chromium                            | 0.621  | 0.0990         | 0.396   |      | mg/Kg-dry | 1  | 04/09/12 03:40 PM   |
| Copper                              | 0.363  | 0.0990         | 0.396   | J    | mg/Kg-dry | 1  | 04/09/12 03:40 PM   |
| Iron                                | 465    | 2.48           | 2.48    |      | mg/Kg-dry | 1  | 04/09/12 03:40 PM   |
| Lead                                | 0.362  | 0.0198         | 0.0594  |      | mg/Kg-dry | 1  | 04/09/12 03:40 PM   |
| Selenium                            | 0.0701 | 0.0297         | 0.0990  | J    | mg/Kg-dry | 1  | 04/09/12 03:40 PM   |
| Silver                              | ND     | 0.0198         | 0.0396  |      | mg/Kg-dry | 1  | 04/09/12 03:40 PM   |
| Zinc                                | 1.25   | 0.198          | 0.495   |      | mg/Kg-dry | 1  | 04/09/12 03:40 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>JBC</b> |
| Petroleum Hydrocarbons, TR          | ND     | 5.33           | 10.7    | N    | mg/Kg-dry | 1  | 04/03/12 10:40 AM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | ND     | 5.18           | 5.18    |      | mg/Kg-dry | 1  | 04/02/12 12:53 PM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>JCG</b> |
| Percent Moisture                    | 6.47   | 0              | 0       |      | WT%       | 1  | 04/09/12 08:38 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

CLIENT: Larson &amp; Associates

Work Order: 1203281

Project: Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

RunID: GC15\_120411A

The QC data in batch 51300 applies to the following samples: 1203281-01C, 1203281-02C, 1203281-03C, 1203281-04C, 1203281-05C, 1203281-06C, 1203281-07C, 1203281-08C, 1203281-09C, 1203281-10C, 1203281-11C, 1203281-12C, 1203281-13C, 1203281-14C

|                             |                             |                                            |                            |         |      |          |           |      |          |      |
|-----------------------------|-----------------------------|--------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>LCS-51300</b> | Batch ID: <b>51300</b>      | TestNo: <b>M8015D</b>                      | Units: <b>mg/Kg</b>        |         |      |          |           |      |          |      |
| SampType: <b>LCS</b>        | Run ID: <b>GC15_120411A</b> | Analysis Date: <b>4/11/2012 9:29:57 AM</b> | Prep Date: <b>4/6/2012</b> |         |      |          |           |      |          |      |
| Analyte                     | Result                      | RL                                         | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                        |      |      |       |   |      |    |     |  |  |  |
|------------------------|------|------|-------|---|------|----|-----|--|--|--|
| TPH-DRO C10-C28        | 99.6 | 10.0 | 125.0 | 0 | 79.7 | 50 | 114 |  |  |  |
| Surr: Isopropylbenzene | 3.88 |      | 7.500 |   | 51.7 | 47 | 142 |  |  |  |
| Surr: Octacosane       | 5.73 |      | 7.500 |   | 76.4 | 25 | 162 |  |  |  |

|                            |                             |                                            |                            |         |      |          |           |      |          |      |
|----------------------------|-----------------------------|--------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>MB-51300</b> | Batch ID: <b>51300</b>      | TestNo: <b>M8015D</b>                      | Units: <b>mg/Kg</b>        |         |      |          |           |      |          |      |
| SampType: <b>MBLK</b>      | Run ID: <b>GC15_120411A</b> | Analysis Date: <b>4/11/2012 9:56:18 AM</b> | Prep Date: <b>4/6/2012</b> |         |      |          |           |      |          |      |
| Analyte                    | Result                      | RL                                         | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                        |      |      |       |  |      |    |     |  |  |   |
|------------------------|------|------|-------|--|------|----|-----|--|--|---|
| TPH-DRO C10-C28        | ND   | 10.0 |       |  |      |    |     |  |  |   |
| Surr: Isopropylbenzene | 3.14 |      | 7.500 |  | 41.8 | 47 | 142 |  |  | S |
| Surr: Octacosane       | 5.98 |      | 7.500 |  | 79.8 | 25 | 162 |  |  |   |

|                                 |                             |                                            |                            |         |      |          |           |      |          |      |
|---------------------------------|-----------------------------|--------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>1203281-08CMS</b> | Batch ID: <b>51300</b>      | TestNo: <b>M8015D</b>                      | Units: <b>mg/Kg-dry</b>    |         |      |          |           |      |          |      |
| SampType: <b>MS</b>             | Run ID: <b>GC15_120411A</b> | Analysis Date: <b>4/11/2012 5:42:56 PM</b> | Prep Date: <b>4/6/2012</b> |         |      |          |           |      |          |      |
| Analyte                         | Result                      | RL                                         | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                        |      |      |       |       |      |    |     |  |  |  |
|------------------------|------|------|-------|-------|------|----|-----|--|--|--|
| TPH-DRO C10-C28        | 118  | 10.3 | 129.3 | 37.40 | 62.7 | 50 | 114 |  |  |  |
| Surr: Isopropylbenzene | 5.04 |      | 7.760 |       | 64.9 | 47 | 142 |  |  |  |
| Surr: Octacosane       | 7.37 |      | 7.760 |       | 95.0 | 25 | 162 |  |  |  |

|                                  |                             |                                            |                            |         |      |          |           |      |          |      |
|----------------------------------|-----------------------------|--------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>1203281-08CMSD</b> | Batch ID: <b>51300</b>      | TestNo: <b>M8015D</b>                      | Units: <b>mg/Kg-dry</b>    |         |      |          |           |      |          |      |
| SampType: <b>MSD</b>             | Run ID: <b>GC15_120411A</b> | Analysis Date: <b>4/11/2012 5:51:42 PM</b> | Prep Date: <b>4/6/2012</b> |         |      |          |           |      |          |      |
| Analyte                          | Result                      | RL                                         | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                        |      |      |       |       |      |    |     |      |    |  |
|------------------------|------|------|-------|-------|------|----|-----|------|----|--|
| TPH-DRO C10-C28        | 113  | 10.3 | 128.3 | 37.40 | 58.8 | 50 | 114 | 4.88 | 30 |  |
| Surr: Isopropylbenzene | 4.19 |      | 7.700 |       | 54.5 | 47 | 142 | 0    | 0  |  |
| Surr: Octacosane       | 7.45 |      | 7.700 |       | 96.8 | 25 | 162 | 0    | 0  |  |

**Qualifiers:** B Analyte detected in the associated Method Blank  
 J Analyte detected between MDL and RL  
 ND Not Detected at the Method Detection Limit  
 RL Reporting Limit  
 J Analyte detected between SDL and RL

DF Dilution Factor  
 MDL Method Detection Limit  
 R RPD outside accepted control limits  
 S Spike Recovery outside control limits  
 N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1203281  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** GC15\_120411A

| Sample ID: <b>ICV-120411</b> | Batch ID: <b>R59984</b>     | TestNo: <b>M8015D</b>                      | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|------------------------------|-----------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>ICV</b>         | Run ID: <b>GC15_120411A</b> | Analysis Date: <b>4/11/2012 9:11:59 AM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                      | Result                      | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| TPH-DRO C10-C28              | 553                         | 10.0                                       | 500.0               | 0       | 111  | 80       | 120       |      |          |      |
| Surr: Isopropylbenzene       | 23.5                        |                                            | 25.00               |         | 94.1 | 47       | 142       |      |          |      |
| Surr: Octacosane             | 24.1                        |                                            | 25.00               |         | 96.6 | 25       | 162       |      |          |      |

| Sample ID: <b>CCV1-120411</b> | Batch ID: <b>R59984</b>     | TestNo: <b>M8015D</b>                       | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|-----------------------------|---------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>GC15_120411A</b> | Analysis Date: <b>4/11/2012 10:57:40 AM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                      | RL                                          | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| TPH-DRO C10-C28               | 276                         | 10.0                                        | 250.0               | 0       | 111  | 80       | 120       |      |          |      |
| Surr: Isopropylbenzene        | 11.8                        |                                             | 12.50               |         | 94.7 | 47       | 142       |      |          |      |
| Surr: Octacosane              | 12.6                        |                                             | 12.50               |         | 101  | 25       | 162       |      |          |      |

| Sample ID: <b>CCV2-120411</b> | Batch ID: <b>R59984</b>     | TestNo: <b>M8015D</b>                       | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|-----------------------------|---------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>GC15_120411A</b> | Analysis Date: <b>4/11/2012 12:42:59 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                      | RL                                          | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| TPH-DRO C10-C28               | 275                         | 10.0                                        | 250.0               | 0       | 110  | 80       | 120       |      |          |      |
| Surr: Isopropylbenzene        | 12.4                        |                                             | 12.50               |         | 99.2 | 47       | 142       |      |          |      |
| Surr: Octacosane              | 15.9                        |                                             | 12.50               |         | 127  | 25       | 162       |      |          |      |

| Sample ID: <b>CCV3-120411</b> | Batch ID: <b>R59984</b>     | TestNo: <b>M8015D</b>                      | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|-----------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>GC15_120411A</b> | Analysis Date: <b>4/11/2012 2:37:02 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                      | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| TPH-DRO C10-C28               | 241                         | 10.0                                       | 250.0               | 0       | 96.5 | 80       | 120       |      |          |      |
| Surr: Isopropylbenzene        | 13.0                        |                                            | 12.50               |         | 104  | 47       | 142       |      |          |      |
| Surr: Octacosane              | 17.8                        |                                            | 12.50               |         | 142  | 25       | 162       |      |          |      |

| Sample ID: <b>CCV4-120411</b> | Batch ID: <b>R59984</b>     | TestNo: <b>M8015D</b>                      | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|-----------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>GC15_120411A</b> | Analysis Date: <b>4/11/2012 5:34:10 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                      | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| TPH-DRO C10-C28               | 273                         | 10.0                                       | 250.0               | 0       | 109  | 80       | 120       |      |          |      |
| Surr: Isopropylbenzene        | 13.5                        |                                            | 12.50               |         | 108  | 47       | 142       |      |          |      |
| Surr: Octacosane              | 12.5                        |                                            | 12.50               |         | 100  | 25       | 162       |      |          |      |

| Sample ID: <b>CCV5-120411</b> | Batch ID: <b>R59984</b>     | TestNo: <b>M8015D</b>                      | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|-----------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>GC15_120411A</b> | Analysis Date: <b>4/11/2012 6:00:27 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                      | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| TPH-DRO C10-C28               | 270                         | 10.0                                       | 250.0               | 0       | 108  | 80       | 120       |      |          |      |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1203281  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** GC15\_120411A

| Sample ID: <b>CCV5-120411</b> | Batch ID: <b>R59984</b>     | TestNo: <b>M8015D</b>                      | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|-----------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>GC15_120411A</b> | Analysis Date: <b>4/11/2012 6:00:27 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                      | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: Isopropylbenzene        | 12.9                        |                                            | 12.50               |         | 103  | 47       | 142       |      |          |      |
| Surr: Octacosane              | 14.7                        |                                            | 12.50               |         | 117  | 25       | 162       |      |          |      |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1203281  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** GC4\_120330A

The QC data in batch 51190 applies to the following samples: 1203281-01A, 1203281-02A, 1203281-03A, 1203281-04A, 1203281-05A, 1203281-06A, 1203281-07A, 1203281-08A, 1203281-09A, 1203281-10A, 1203281-11A, 1203281-12A, 1203281-13A, 1203281-14A

|                             |                            |                                             |                             |         |      |          |           |      |          |      |
|-----------------------------|----------------------------|---------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>LCS-51190</b> | Batch ID: <b>51190</b>     | TestNo: <b>M8015V</b>                       | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>LCS</b>        | Run ID: <b>GC4_120330A</b> | Analysis Date: <b>3/30/2012 12:37:15 PM</b> | Prep Date: <b>3/30/2012</b> |         |      |          |           |      |          |      |
| Analyte                     | Result                     | RL                                          | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |       |        |   |      |    |     |  |  |  |
|-------------------------|-------|-------|--------|---|------|----|-----|--|--|--|
| Gasoline Range Organics | 5.06  | 0.200 | 5.000  | 0 | 101  | 68 | 126 |  |  |  |
| Surr: Tetrachlorethene  | 0.399 |       | 0.4000 |   | 99.7 | 70 | 134 |  |  |  |

|                            |                            |                                            |                             |         |      |          |           |      |          |      |
|----------------------------|----------------------------|--------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>MB-51190</b> | Batch ID: <b>51190</b>     | TestNo: <b>M8015V</b>                      | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>MBLK</b>      | Run ID: <b>GC4_120330A</b> | Analysis Date: <b>3/30/2012 1:27:44 PM</b> | Prep Date: <b>3/30/2012</b> |         |      |          |           |      |          |      |
| Analyte                    | Result                     | RL                                         | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |       |        |  |     |    |     |  |  |  |
|-------------------------|-------|-------|--------|--|-----|----|-----|--|--|--|
| Gasoline Range Organics | ND    | 0.200 |        |  |     |    |     |  |  |  |
| Surr: Tetrachlorethene  | 0.412 |       | 0.4000 |  | 103 | 70 | 134 |  |  |  |

|                                 |                            |                                            |                             |         |      |          |           |      |          |      |
|---------------------------------|----------------------------|--------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>1203281-14AMS</b> | Batch ID: <b>51190</b>     | TestNo: <b>M8015V</b>                      | Units: <b>mg/Kg-dry</b>     |         |      |          |           |      |          |      |
| SampType: <b>MS</b>             | Run ID: <b>GC4_120330A</b> | Analysis Date: <b>3/30/2012 8:39:56 PM</b> | Prep Date: <b>3/30/2012</b> |         |      |          |           |      |          |      |
| Analyte                         | Result                     | RL                                         | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |       |        |   |      |    |     |  |  |  |
|-------------------------|-------|-------|--------|---|------|----|-----|--|--|--|
| Gasoline Range Organics | 4.31  | 0.201 | 5.034  | 0 | 85.6 | 68 | 126 |  |  |  |
| Surr: Tetrachlorethene  | 0.404 |       | 0.4027 |   | 100  | 70 | 134 |  |  |  |

|                           |                     |                                     |                      |         |      |          |           |      |          |      |
|---------------------------|---------------------|-------------------------------------|----------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: 1203281-14AMSD | Batch ID: 51190     | TestNo: M8015V                      | Units: mg/Kg-dry     |         |      |          |           |      |          |      |
| SampType: MSD             | Run ID: GC4_120330A | Analysis Date: 3/30/2012 9:05:54 PM | Prep Date: 3/30/2012 |         |      |          |           |      |          |      |
| Analyte                   | Result              | RL                                  | SPK value            | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |       |        |   |      |    |     |      |    |  |
|-------------------------|-------|-------|--------|---|------|----|-----|------|----|--|
| Gasoline Range Organics | 4.56  | 0.208 | 5.200  | 0 | 87.8 | 68 | 126 | 5.80 | 30 |  |
| Surr: Tetrachlorethene  | 0.396 |       | 0.4160 |   | 95.1 | 70 | 134 | 0    | 0  |  |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- RL Reporting Limit
- J Analyte detected between SDL and RL

- DF Dilution Factor
- MDL Method Detection Limit
- R RPD outside accepted control limits
- S Spike Recovery outside control limits
- N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1203281  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** GC4\_120330A

|                              |                            |                                             |                     |         |      |          |           |      |          |      |
|------------------------------|----------------------------|---------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>ICV-120330</b> | Batch ID: <b>R59824</b>    | TestNo: <b>M8015V</b>                       | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
| SampType: <b>ICV</b>         | Run ID: <b>GC4_120330A</b> | Analysis Date: <b>3/30/2012 12:10:53 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                      | Result                     | RL                                          | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |       |        |   |     |    |     |  |  |  |
|-------------------------|-------|-------|--------|---|-----|----|-----|--|--|--|
| Gasoline Range Organics | 10.2  | 0.200 | 10.00  | 0 | 102 | 80 | 120 |  |  |  |
| Surr: Tetrachlorethene  | 0.422 |       | 0.4000 |   | 106 | 70 | 134 |  |  |  |

|                               |                            |                                            |                     |         |      |          |           |      |          |      |
|-------------------------------|----------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>CCV1-120330</b> | Batch ID: <b>R59824</b>    | TestNo: <b>M8015V</b>                      | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
| SampType: <b>CCV</b>          | Run ID: <b>GC4_120330A</b> | Analysis Date: <b>3/30/2012 6:06:49 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                     | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |       |        |   |      |    |     |  |  |  |
|-------------------------|-------|-------|--------|---|------|----|-----|--|--|--|
| Gasoline Range Organics | 5.04  | 0.200 | 5.000  | 0 | 101  | 80 | 120 |  |  |  |
| Surr: Tetrachlorethene  | 0.361 |       | 0.4000 |   | 90.1 | 70 | 134 |  |  |  |

|                               |                            |                                            |                     |         |      |          |           |      |          |      |
|-------------------------------|----------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>CCV2-120330</b> | Batch ID: <b>R59824</b>    | TestNo: <b>M8015V</b>                      | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
| SampType: <b>CCV</b>          | Run ID: <b>GC4_120330A</b> | Analysis Date: <b>3/30/2012 9:30:29 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                     | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |       |        |   |      |    |     |  |  |  |
|-------------------------|-------|-------|--------|---|------|----|-----|--|--|--|
| Gasoline Range Organics | 5.22  | 0.200 | 5.000  | 0 | 104  | 80 | 120 |  |  |  |
| Surr: Tetrachlorethene  | 0.350 |       | 0.4000 |   | 87.6 | 70 | 134 |  |  |  |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- RL Reporting Limit
- J Analyte detected between SDL and RL

- DF Dilution Factor
- MDL Method Detection Limit
- R RPD outside accepted control limits
- S Spike Recovery outside control limits
- N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1203281  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** GC4\_120331A

The QC data in batch 51198 applies to the following samples: 1203281-01A, 1203281-02A, 1203281-03A, 1203281-04A, 1203281-05A, 1203281-06A, 1203281-07A, 1203281-08A, 1203281-09A, 1203281-10A, 1203281-11A, 1203281-12A, 1203281-13A, 1203281-14A

|                             |                            |                                             |                             |         |      |          |           |      |          |      |
|-----------------------------|----------------------------|---------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>LCS-51198</b> | Batch ID: <b>51198</b>     | TestNo: <b>SW8021B</b>                      | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>LCS</b>        | Run ID: <b>GC4_120331A</b> | Analysis Date: <b>3/31/2012 10:49:11 AM</b> | Prep Date: <b>3/31/2012</b> |         |      |          |           |      |          |      |
| Analyte                     | Result                     | RL                                          | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |         |        |   |      |    |     |  |  |  |
|-------------------------|-------|---------|--------|---|------|----|-----|--|--|--|
| Benzene                 | 0.102 | 0.00500 | 0.1000 | 0 | 102  | 65 | 113 |  |  |  |
| Toluene                 | 0.104 | 0.0150  | 0.1000 | 0 | 104  | 73 | 115 |  |  |  |
| Ethylbenzene            | 0.105 | 0.0150  | 0.1000 | 0 | 105  | 74 | 118 |  |  |  |
| Xylenes, Total          | 0.320 | 0.0150  | 0.3000 | 0 | 107  | 73 | 119 |  |  |  |
| Surr: Tetrachloroethene | 0.172 |         | 0.2000 |   | 86.2 | 79 | 135 |  |  |  |

|                            |                            |                                             |                             |         |      |          |           |      |          |      |
|----------------------------|----------------------------|---------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>MB-51198</b> | Batch ID: <b>51198</b>     | TestNo: <b>SW8021B</b>                      | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>MBLK</b>      | Run ID: <b>GC4_120331A</b> | Analysis Date: <b>3/31/2012 11:14:19 AM</b> | Prep Date: <b>3/31/2012</b> |         |      |          |           |      |          |      |
| Analyte                    | Result                     | RL                                          | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |         |        |  |      |    |     |  |  |  |
|-------------------------|-------|---------|--------|--|------|----|-----|--|--|--|
| Benzene                 | ND    | 0.00500 |        |  |      |    |     |  |  |  |
| Toluene                 | ND    | 0.0150  |        |  |      |    |     |  |  |  |
| Ethylbenzene            | ND    | 0.0150  |        |  |      |    |     |  |  |  |
| Xylenes, Total          | ND    | 0.0150  |        |  |      |    |     |  |  |  |
| Surr: Tetrachloroethene | 0.171 |         | 0.2000 |  | 85.4 | 79 | 135 |  |  |  |

|                                 |                            |                                            |                             |         |      |          |           |      |          |      |
|---------------------------------|----------------------------|--------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>1203281-14AMS</b> | Batch ID: <b>51198</b>     | TestNo: <b>SW8021B</b>                     | Units: <b>mg/Kg-dry</b>     |         |      |          |           |      |          |      |
| SampType: <b>MS</b>             | Run ID: <b>GC4_120331A</b> | Analysis Date: <b>3/31/2012 6:02:01 PM</b> | Prep Date: <b>3/31/2012</b> |         |      |          |           |      |          |      |
| Analyte                         | Result                     | RL                                         | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |        |         |        |   |      |    |     |  |  |  |
|-------------------------|--------|---------|--------|---|------|----|-----|--|--|--|
| Benzene                 | 0.0997 | 0.00509 | 0.1018 | 0 | 97.9 | 65 | 113 |  |  |  |
| Toluene                 | 0.101  | 0.0153  | 0.1018 | 0 | 99.0 | 73 | 115 |  |  |  |
| Ethylbenzene            | 0.101  | 0.0153  | 0.1018 | 0 | 99.0 | 74 | 118 |  |  |  |
| Xylenes, Total          | 0.305  | 0.0153  | 0.3055 | 0 | 99.9 | 73 | 119 |  |  |  |
| Surr: Tetrachloroethene | 0.173  |         | 0.2037 |   | 84.9 | 79 | 135 |  |  |  |

|                           |                     |                                     |                      |         |      |          |           |      |          |      |
|---------------------------|---------------------|-------------------------------------|----------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: 1203281-14AMSD | Batch ID: 51198     | TestNo: SW8021B                     | Units: mg/Kg-dry     |         |      |          |           |      |          |      |
| SampType: MSD             | Run ID: GC4_120331A | Analysis Date: 3/31/2012 6:27:29 PM | Prep Date: 3/31/2012 |         |      |          |           |      |          |      |
| Analyte                   | Result              | RL                                  | SPK value            | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |         |        |   |      |    |     |      |    |  |
|-------------------------|-------|---------|--------|---|------|----|-----|------|----|--|
| Benzene                 | 0.105 | 0.00525 | 0.1050 | 0 | 99.6 | 65 | 113 | 4.81 | 30 |  |
| Toluene                 | 0.106 | 0.0158  | 0.1050 | 0 | 100  | 73 | 115 | 4.56 | 30 |  |
| Ethylbenzene            | 0.106 | 0.0158  | 0.1050 | 0 | 101  | 74 | 118 | 4.80 | 30 |  |
| Xylenes, Total          | 0.320 | 0.0158  | 0.3151 | 0 | 102  | 73 | 119 | 4.88 | 30 |  |
| Surr: Tetrachloroethene | 0.180 |         | 0.2101 |   | 85.8 | 79 | 135 | 0    | 0  |  |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1203281  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** GC4\_120331A

|                              |                            |                                             |                     |         |      |          |           |      |          |      |
|------------------------------|----------------------------|---------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>ICV-120331</b> | Batch ID: <b>R59827</b>    | TestNo: <b>SW8021B</b>                      | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
| SampType: <b>ICV</b>         | Run ID: <b>GC4_120331A</b> | Analysis Date: <b>3/31/2012 10:24:36 AM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                      | Result                     | RL                                          | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |         |        |   |      |    |     |  |  |  |
|-------------------------|-------|---------|--------|---|------|----|-----|--|--|--|
| Benzene                 | 0.208 | 0.00500 | 0.2000 | 0 | 104  | 80 | 120 |  |  |  |
| Toluene                 | 0.210 | 0.0150  | 0.2000 | 0 | 105  | 80 | 120 |  |  |  |
| Ethylbenzene            | 0.211 | 0.0150  | 0.2000 | 0 | 105  | 80 | 120 |  |  |  |
| Xylenes, Total          | 0.631 | 0.0150  | 0.6000 | 0 | 105  | 80 | 120 |  |  |  |
| Surr: Tetrachloroethene | 0.176 |         | 0.2000 |   | 87.8 | 79 | 135 |  |  |  |

|                               |                            |                                            |                     |         |      |          |           |      |          |      |
|-------------------------------|----------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>CCV1-120331</b> | Batch ID: <b>R59827</b>    | TestNo: <b>SW8021B</b>                     | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
| SampType: <b>CCV</b>          | Run ID: <b>GC4_120331A</b> | Analysis Date: <b>3/31/2012 3:54:41 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                     | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |        |         |        |   |      |    |     |  |  |  |
|-------------------------|--------|---------|--------|---|------|----|-----|--|--|--|
| Benzene                 | 0.0969 | 0.00500 | 0.1000 | 0 | 96.9 | 80 | 120 |  |  |  |
| Toluene                 | 0.101  | 0.0150  | 0.1000 | 0 | 101  | 80 | 120 |  |  |  |
| Ethylbenzene            | 0.101  | 0.0150  | 0.1000 | 0 | 101  | 80 | 120 |  |  |  |
| Xylenes, Total          | 0.304  | 0.0150  | 0.3000 | 0 | 101  | 80 | 120 |  |  |  |
| Surr: Tetrachloroethene | 0.163  |         | 0.2000 |   | 81.7 | 79 | 135 |  |  |  |

|                               |                            |                                            |                     |         |      |          |           |      |          |      |
|-------------------------------|----------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>CCV2-120331</b> | Batch ID: <b>R59827</b>    | TestNo: <b>SW8021B</b>                     | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
| SampType: <b>CCV</b>          | Run ID: <b>GC4_120331A</b> | Analysis Date: <b>3/31/2012 6:51:58 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                     | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |        |         |        |   |      |    |     |  |  |  |
|-------------------------|--------|---------|--------|---|------|----|-----|--|--|--|
| Benzene                 | 0.0981 | 0.00500 | 0.1000 | 0 | 98.1 | 80 | 120 |  |  |  |
| Toluene                 | 0.0995 | 0.0150  | 0.1000 | 0 | 99.5 | 80 | 120 |  |  |  |
| Ethylbenzene            | 0.100  | 0.0150  | 0.1000 | 0 | 100  | 80 | 120 |  |  |  |
| Xylenes, Total          | 0.303  | 0.0150  | 0.3000 | 0 | 101  | 80 | 120 |  |  |  |
| Surr: Tetrachloroethene | 0.164  |         | 0.2000 |   | 81.8 | 79 | 135 |  |  |  |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1203281  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** GC4\_120402A

The QC data in batch 51206 applies to the following samples: 1203281-06A

| Sample ID: <b>LCS-51206</b> | Batch ID: <b>51206</b>     | TestNo: <b>SW8021B</b>                     | Units: <b>mg/Kg</b>        |         |      |          |           |      |          |      |
|-----------------------------|----------------------------|--------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>LCS</b>        | Run ID: <b>GC4_120402A</b> | Analysis Date: <b>4/2/2012 12:18:49 PM</b> | Prep Date: <b>4/2/2012</b> |         |      |          |           |      |          |      |
| Analyte                     | Result                     | RL                                         | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                     | 0.0950                     | 0.00500                                    | 0.1000                     | 0       | 95.0 | 65       | 113       |      |          |      |
| Toluene                     | 0.0978                     | 0.0150                                     | 0.1000                     | 0       | 97.8 | 73       | 115       |      |          |      |
| Ethylbenzene                | 0.100                      | 0.0150                                     | 0.1000                     | 0       | 100  | 74       | 118       |      |          |      |
| Xylenes, Total              | 0.304                      | 0.0150                                     | 0.3000                     | 0       | 101  | 73       | 119       |      |          |      |
| Surr: Tetrachloroethene     | 0.179                      |                                            | 0.2000                     |         | 89.5 | 79       | 135       |      |          |      |

| Sample ID: <b>MB-51206</b> | Batch ID: <b>51206</b>     | TestNo: <b>SW8021B</b>                     | Units: <b>mg/Kg</b>        |         |      |          |           |      |          |      |
|----------------------------|----------------------------|--------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>MBLK</b>      | Run ID: <b>GC4_120402A</b> | Analysis Date: <b>4/2/2012 12:44:55 PM</b> | Prep Date: <b>4/2/2012</b> |         |      |          |           |      |          |      |
| Analyte                    | Result                     | RL                                         | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                    | ND                         | 0.00500                                    |                            |         |      |          |           |      |          |      |
| Toluene                    | ND                         | 0.0150                                     |                            |         |      |          |           |      |          |      |
| Ethylbenzene               | ND                         | 0.0150                                     |                            |         |      |          |           |      |          |      |
| Xylenes, Total             | ND                         | 0.0150                                     |                            |         |      |          |           |      |          |      |
| Surr: Tetrachloroethene    | 0.180                      |                                            | 0.2000                     |         | 89.9 | 79       | 135       |      |          |      |

| Sample ID: <b>1204002-20AMS</b> | Batch ID: <b>51206</b>     | TestNo: <b>SW8021B</b>                    | Units: <b>mg/Kg-dry</b>    |         |      |          |           |      |          |      |
|---------------------------------|----------------------------|-------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>MS</b>             | Run ID: <b>GC4_120402A</b> | Analysis Date: <b>4/2/2012 2:00:26 PM</b> | Prep Date: <b>4/2/2012</b> |         |      |          |           |      |          |      |
| Analyte                         | Result                     | RL                                        | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                         | 0.117                      | 0.00585                                   | 0.1171                     | 0       | 100  | 65       | 113       |      |          |      |
| Toluene                         | 0.120                      | 0.0176                                    | 0.1171                     | 0       | 103  | 73       | 115       |      |          |      |
| Ethylbenzene                    | 0.122                      | 0.0176                                    | 0.1171                     | 0       | 104  | 74       | 118       |      |          |      |
| Xylenes, Total                  | 0.370                      | 0.0176                                    | 0.3512                     | 0       | 105  | 73       | 119       |      |          |      |
| Surr: Tetrachloroethene         | 0.231                      |                                           | 0.2341                     |         | 98.5 | 79       | 135       |      |          |      |

| Sample ID: 1204002-20AMSD | Batch ID: 51206     | TestNo: SW8021B                    | Units: mg/Kg-dry    |         |      |          |           |      |          |      |
|---------------------------|---------------------|------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: MSD             | Run ID: GC4_120402A | Analysis Date: 4/2/2012 2:22:49 PM | Prep Date: 4/2/2012 |         |      |          |           |      |          |      |
| Analyte                   | Result              | RL                                 | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                   | 0.127               | 0.00616                            | 0.1231              | 0       | 103  | 65       | 113       | 8.03 | 30       |      |
| Toluene                   | 0.130               | 0.0185                             | 0.1231              | 0       | 105  | 73       | 115       | 7.35 | 30       |      |
| Ethylbenzene              | 0.131               | 0.0185                             | 0.1231              | 0       | 106  | 74       | 118       | 7.09 | 30       |      |
| Xylenes, Total            | 0.400               | 0.0185                             | 0.3694              | 0       | 108  | 73       | 119       | 7.77 | 30       |      |
| Surr: Tetrachloroethene   | 0.243               |                                    | 0.2463              |         | 98.9 | 79       | 135       | 0    | 0        |      |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1203281  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** GC4\_120402A

| Sample ID: <b>ICV-120402</b> | Batch ID: <b>R59838</b>    | TestNo: <b>SW8021B</b>                     |           |         |      | Units: <b>mg/Kg</b> |           |      |          |      |
|------------------------------|----------------------------|--------------------------------------------|-----------|---------|------|---------------------|-----------|------|----------|------|
| SampType: <b>ICV</b>         | Run ID: <b>GC4_120402A</b> | Analysis Date: <b>4/2/2012 11:54:10 AM</b> |           |         |      | Prep Date:          |           |      |          |      |
| Analyte                      | Result                     | RL                                         | SPK value | Ref Val | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                      | 0.190                      | 0.00500                                    | 0.2000    | 0       | 95.0 | 80                  | 120       |      |          |      |
| Toluene                      | 0.196                      | 0.0150                                     | 0.2000    | 0       | 97.8 | 80                  | 120       |      |          |      |
| Ethylbenzene                 | 0.199                      | 0.0150                                     | 0.2000    | 0       | 99.3 | 80                  | 120       |      |          |      |
| Xylenes, Total               | 0.596                      | 0.0150                                     | 0.6000    | 0       | 99.3 | 80                  | 120       |      |          |      |
| Surr: Tetrachloroethene      | 0.184                      |                                            | 0.2000    |         | 92.2 | 79                  | 135       |      |          |      |

| Sample ID: <b>CCV1-120402</b> | Batch ID: <b>R59838</b>    | TestNo: <b>SW8021B</b>                    | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|----------------------------|-------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>GC4_120402A</b> | Analysis Date: <b>4/2/2012 2:47:26 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                     | RL                                        | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                       | 0.100                      | 0.00500                                   | 0.1000              | 0       | 100  | 80       | 120       |      |          |      |
| Toluene                       | 0.102                      | 0.0150                                    | 0.1000              | 0       | 102  | 80       | 120       |      |          |      |
| Ethylbenzene                  | 0.104                      | 0.0150                                    | 0.1000              | 0       | 104  | 80       | 120       |      |          |      |
| Xylenes, Total                | 0.315                      | 0.0150                                    | 0.3000              | 0       | 105  | 80       | 120       |      |          |      |
| Surr: Tetrachloroethene       | 0.186                      |                                           | 0.2000              |         | 93.1 | 79       | 135       |      |          |      |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- RL Reporting Limit
- J Analyte detected between SDL and RL

- DF Dilution Factor
- MDL Method Detection Limit
- R RPD outside accepted control limits
- S Spike Recovery outside control limits
- N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1203281  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** CETAC\_HG\_120406A

The QC data in batch 51227 applies to the following samples: 1203281-01B, 1203281-02B, 1203281-03B, 1203281-04B, 1203281-05B, 1203281-06B, 1203281-07B, 1203281-08B, 1203281-09B, 1203281-10B, 1203281-11B, 1203281-12B, 1203281-13B, 1203281-14B

|                            |                                 |                                            |                            |         |      |          |           |      |          |      |
|----------------------------|---------------------------------|--------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>MB-51227</b> | Batch ID: <b>51227</b>          | TestNo: <b>SW7471B</b>                     | Units: <b>mg/Kg</b>        |         |      |          |           |      |          |      |
| SampType: <b>MBLK</b>      | Run ID: <b>CETAC_HG_120406A</b> | Analysis Date: <b>4/6/2012 12:10:41 PM</b> | Prep Date: <b>4/4/2012</b> |         |      |          |           |      |          |      |
| Analyte                    | Result                          | RL                                         | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|         |    |        |  |  |  |  |  |  |  |  |
|---------|----|--------|--|--|--|--|--|--|--|--|
| Mercury | ND | 0.0400 |  |  |  |  |  |  |  |  |
|---------|----|--------|--|--|--|--|--|--|--|--|

|                             |                                 |                                            |                            |         |      |          |           |      |          |      |
|-----------------------------|---------------------------------|--------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>LCS-51227</b> | Batch ID: <b>51227</b>          | TestNo: <b>SW7471B</b>                     | Units: <b>mg/Kg</b>        |         |      |          |           |      |          |      |
| SampType: <b>LCS</b>        | Run ID: <b>CETAC_HG_120406A</b> | Analysis Date: <b>4/6/2012 12:19:42 PM</b> | Prep Date: <b>4/4/2012</b> |         |      |          |           |      |          |      |
| Analyte                     | Result                          | RL                                         | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|         |       |        |        |   |     |    |     |  |  |  |
|---------|-------|--------|--------|---|-----|----|-----|--|--|--|
| Mercury | 0.228 | 0.0400 | 0.2000 | 0 | 114 | 85 | 115 |  |  |  |
|---------|-------|--------|--------|---|-----|----|-----|--|--|--|

|                              |                                 |                                            |                            |         |      |          |           |      |          |      |
|------------------------------|---------------------------------|--------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>LCSD-51227</b> | Batch ID: <b>51227</b>          | TestNo: <b>SW7471B</b>                     | Units: <b>mg/Kg</b>        |         |      |          |           |      |          |      |
| SampType: <b>LCSD</b>        | Run ID: <b>CETAC_HG_120406A</b> | Analysis Date: <b>4/6/2012 12:21:45 PM</b> | Prep Date: <b>4/4/2012</b> |         |      |          |           |      |          |      |
| Analyte                      | Result                          | RL                                         | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|         |       |        |        |   |     |    |     |      |    |  |
|---------|-------|--------|--------|---|-----|----|-----|------|----|--|
| Mercury | 0.223 | 0.0400 | 0.2000 | 0 | 112 | 85 | 115 | 2.22 | 25 |  |
|---------|-------|--------|--------|---|-----|----|-----|------|----|--|

|                           |                          |                                     |                     |         |      |          |           |      |          |      |
|---------------------------|--------------------------|-------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: 1203282-12C SD | Batch ID: 51227          | TestNo: SW7471B                     | Units: mg/Kg-dry    |         |      |          |           |      |          |      |
| SampType: SD              | Run ID: CETAC_HG_120406A | Analysis Date: 4/6/2012 12:49:36 PM | Prep Date: 4/4/2012 |         |      |          |           |      |          |      |
| Analyte                   | Result                   | RL                                  | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|         |   |       |   |   |  |  |  |   |    |  |
|---------|---|-------|---|---|--|--|--|---|----|--|
| Mercury | 0 | 0.185 | 0 | 0 |  |  |  | 0 | 10 |  |
|---------|---|-------|---|---|--|--|--|---|----|--|

|                            |                          |                                     |                     |         |      |          |           |      |          |      |
|----------------------------|--------------------------|-------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: 1203282-12C PDS | Batch ID: 51227          | TestNo: SW7471B                     | Units: mg/Kg-dry    |         |      |          |           |      |          |      |
| SampType: PDS              | Run ID: CETAC_HG_120406A | Analysis Date: 4/6/2012 12:53:48 PM | Prep Date: 4/4/2012 |         |      |          |           |      |          |      |
| Analyte                    | Result                   | RL                                  | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|         |       |        |        |   |     |    |     |  |  |  |
|---------|-------|--------|--------|---|-----|----|-----|--|--|--|
| Mercury | 0.252 | 0.0371 | 0.2316 | 0 | 109 | 85 | 115 |  |  |  |
|---------|-------|--------|--------|---|-----|----|-----|--|--|--|

|                                  |                                 |                                            |                            |         |      |          |           |      |          |      |
|----------------------------------|---------------------------------|--------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>1203282-12C MS</b> | Batch ID: <b>51227</b>          | TestNo: <b>SW7471B</b>                     | Units: <b>mg/Kg-dry</b>    |         |      |          |           |      |          |      |
| SampType: <b>MS</b>              | Run ID: <b>CETAC_HG_120406A</b> | Analysis Date: <b>4/6/2012 12:55:51 PM</b> | Prep Date: <b>4/4/2012</b> |         |      |          |           |      |          |      |
| Analyte                          | Result                          | RL                                         | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|         |       |        |        |   |     |    |     |  |  |  |
|---------|-------|--------|--------|---|-----|----|-----|--|--|--|
| Mercury | 0.211 | 0.0375 | 0.1876 | 0 | 112 | 80 | 120 |  |  |  |
|---------|-------|--------|--------|---|-----|----|-----|--|--|--|

|                                   |                                 |                                            |                            |         |      |          |           |      |          |      |
|-----------------------------------|---------------------------------|--------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>1203282-12C MSD</b> | Batch ID: <b>51227</b>          | TestNo: <b>SW7471B</b>                     | Units: <b>mg/Kg-dry</b>    |         |      |          |           |      |          |      |
| SampType: <b>MSD</b>              | Run ID: <b>CETAC_HG_120406A</b> | Analysis Date: <b>4/6/2012 12:57:54 PM</b> | Prep Date: <b>4/4/2012</b> |         |      |          |           |      |          |      |
| Analyte                           | Result                          | RL                                         | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|         |       |        |        |   |     |    |     |      |    |  |
|---------|-------|--------|--------|---|-----|----|-----|------|----|--|
| Mercury | 0.205 | 0.0371 | 0.1854 | 0 | 111 | 80 | 120 | 3.00 | 25 |  |
|---------|-------|--------|--------|---|-----|----|-----|------|----|--|

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL  
DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1203281  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** CETAC\_HG\_120406A

|                              |         |                                 |           |                                            |      |                     |           |      |          |      |
|------------------------------|---------|---------------------------------|-----------|--------------------------------------------|------|---------------------|-----------|------|----------|------|
| Sample ID: <b>ICV-120406</b> |         | Batch ID: <b>R59930</b>         |           | TestNo: <b>SW7471B</b>                     |      | Units: <b>mg/Kg</b> |           |      |          |      |
| SampType: <b>ICV</b>         |         | Run ID: <b>CETAC_HG_120406A</b> |           | Analysis Date: <b>4/6/2012 12:06:35 PM</b> |      | Prep Date:          |           |      |          |      |
| Analyte                      | Result  | RL                              | SPK value | Ref Val                                    | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Mercury                      | 0.00406 | 0.0400                          | 0.004000  | 0                                          | 102  | 90                  | 110       |      |          |      |

| Sample ID: <b>CCV1-120406</b> | Batch ID: <b>R59930</b>         | TestNo: <b>SW7471B</b>                     | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|---------------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>CETAC_HG_120406A</b> | Analysis Date: <b>4/6/2012 12:45:29 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                          | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Mercury                       | 0.00210                         | 0.0400                                     | 0.002000            | 0       | 105  | 90       | 110       |      |          |      |

| Sample ID: <b>CCV2-120406</b> | Batch ID: <b>R59930</b>         | TestNo: <b>SW7471B</b>                    | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|---------------------------------|-------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>CETAC_HG_120406A</b> | Analysis Date: <b>4/6/2012 1:12:18 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                          | RL                                        | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Mercury                       | 0.00213                         | 0.0400                                    | 0.002000            | 0       | 106  | 90       | 110       |      |          |      |

| Sample ID: <b>CCV3-120406</b> | Batch ID: <b>R59930</b>         | TestNo: <b>SW7471B</b>                    | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|---------------------------------|-------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>CETAC_HG_120406A</b> | Analysis Date: <b>4/6/2012 1:40:35 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                          | RL                                        | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Mercury                       | 0.00213                         | 0.0400                                    | 0.002000            | 0       | 106  | 90       | 110       |      |          |      |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1203281  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** ICP-MS2\_120411A

|                               |                                |                                             |                    |         |      |          |           |      |          |      |
|-------------------------------|--------------------------------|---------------------------------------------|--------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>ICV1-120411</b> | Batch ID: <b>R59981</b>        | TestNo: <b>SW6020</b>                       | Units: <b>mg/L</b> |         |      |          |           |      |          |      |
| SampType: <b>ICV</b>          | Run ID: <b>ICP-MS2_120411A</b> | Analysis Date: <b>4/11/2012 12:25:00 PM</b> | Prep Date:         |         |      |          |           |      |          |      |
| Analyte                       | Result                         | RL                                          | SPK value          | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Barium                        | 0.102                          | 0.0100                                      | 0.100              | 0       | 102  | 90       | 110       |      |          |      |

|                               |                                |                                            |                    |         |      |          |           |      |          |      |
|-------------------------------|--------------------------------|--------------------------------------------|--------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>CCV1-120411</b> | Batch ID: <b>R59981</b>        | TestNo: <b>SW6020</b>                      | Units: <b>mg/L</b> |         |      |          |           |      |          |      |
| SampType: <b>CCV</b>          | Run ID: <b>ICP-MS2_120411A</b> | Analysis Date: <b>4/11/2012 1:22:00 PM</b> | Prep Date:         |         |      |          |           |      |          |      |
| Analyte                       | Result                         | RL                                         | SPK value          | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Barium                        | 0.198                          | 0.0100                                     | 0.200              | 0       | 98.9 | 90       | 110       |      |          |      |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1203281  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** ICP-MS3\_120409A

The QC data in batch 51209 applies to the following samples: 1203281-01B, 1203281-02B, 1203281-03B, 1203281-04B, 1203281-05B, 1203281-06B, 1203281-07B, 1203281-08B, 1203281-09B, 1203281-10B, 1203281-11B, 1203281-12B, 1203281-13B, 1203281-14B

|                            |                                |                                           |                            |         |      |          |           |      |          |      |
|----------------------------|--------------------------------|-------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>MB-51209</b> | Batch ID: <b>51209</b>         | TestNo: <b>SW6020</b>                     | Units: <b>mg/Kg</b>        |         |      |          |           |      |          |      |
| SampType: <b>MBLK</b>      | Run ID: <b>ICP-MS3_120409A</b> | Analysis Date: <b>4/9/2012 1:03:00 PM</b> | Prep Date: <b>4/5/2012</b> |         |      |          |           |      |          |      |
| Analyte                    | Result                         | RL                                        | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |    |       |  |  |  |  |  |  |  |  |
|----------|----|-------|--|--|--|--|--|--|--|--|
| Arsenic  | ND | 1.00  |  |  |  |  |  |  |  |  |
| Barium   | ND | 2.00  |  |  |  |  |  |  |  |  |
| Cadmium  | ND | 0.300 |  |  |  |  |  |  |  |  |
| Chromium | ND | 2.00  |  |  |  |  |  |  |  |  |
| Copper   | ND | 2.00  |  |  |  |  |  |  |  |  |
| Iron     | ND | 12.5  |  |  |  |  |  |  |  |  |
| Lead     | ND | 0.300 |  |  |  |  |  |  |  |  |
| Selenium | ND | 0.500 |  |  |  |  |  |  |  |  |
| Silver   | ND | 0.200 |  |  |  |  |  |  |  |  |
| Zinc     | ND | 2.50  |  |  |  |  |  |  |  |  |

|                             |                                |                                           |                            |         |      |          |           |      |          |      |
|-----------------------------|--------------------------------|-------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>LCS-51209</b> | Batch ID: <b>51209</b>         | TestNo: <b>SW6020</b>                     | Units: <b>mg/Kg</b>        |         |      |          |           |      |          |      |
| SampType: <b>LCS</b>        | Run ID: <b>ICP-MS3_120409A</b> | Analysis Date: <b>4/9/2012 1:09:00 PM</b> | Prep Date: <b>4/5/2012</b> |         |      |          |           |      |          |      |
| Analyte                     | Result                         | RL                                        | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |      |       |       |   |      |    |     |  |  |  |
|----------|------|-------|-------|---|------|----|-----|--|--|--|
| Arsenic  | 48.4 | 1.00  | 50.00 | 0 | 96.7 | 80 | 120 |  |  |  |
| Barium   | 50.5 | 2.00  | 50.00 | 0 | 101  | 80 | 120 |  |  |  |
| Cadmium  | 49.6 | 0.300 | 50.00 | 0 | 99.1 | 80 | 120 |  |  |  |
| Chromium | 50.1 | 2.00  | 50.00 | 0 | 100  | 80 | 120 |  |  |  |
| Copper   | 50.0 | 2.00  | 50.00 | 0 | 100  | 80 | 120 |  |  |  |
| Iron     | 271  | 12.5  | 250.0 | 0 | 108  | 80 | 120 |  |  |  |
| Lead     | 51.4 | 0.300 | 50.00 | 0 | 103  | 80 | 120 |  |  |  |
| Selenium | 49.7 | 0.500 | 50.00 | 0 | 99.4 | 80 | 120 |  |  |  |
| Silver   | 50.9 | 0.200 | 50.00 | 0 | 102  | 80 | 120 |  |  |  |
| Zinc     | 49.2 | 2.50  | 50.00 | 0 | 98.4 | 80 | 120 |  |  |  |

|                              |                                |                                           |                            |         |      |          |           |      |          |      |
|------------------------------|--------------------------------|-------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>LCSD-51209</b> | Batch ID: <b>51209</b>         | TestNo: <b>SW6020</b>                     | Units: <b>mg/Kg</b>        |         |      |          |           |      |          |      |
| SampType: <b>LCSD</b>        | Run ID: <b>ICP-MS3_120409A</b> | Analysis Date: <b>4/9/2012 1:15:00 PM</b> | Prep Date: <b>4/5/2012</b> |         |      |          |           |      |          |      |
| Analyte                      | Result                         | RL                                        | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |      |       |       |   |      |    |     |       |    |  |
|----------|------|-------|-------|---|------|----|-----|-------|----|--|
| Arsenic  | 47.5 | 1.00  | 50.00 | 0 | 95.0 | 80 | 120 | 1.83  | 20 |  |
| Barium   | 49.8 | 2.00  | 50.00 | 0 | 99.7 | 80 | 120 | 1.34  | 20 |  |
| Cadmium  | 48.9 | 0.300 | 50.00 | 0 | 97.8 | 80 | 120 | 1.32  | 20 |  |
| Chromium | 49.6 | 2.00  | 50.00 | 0 | 99.2 | 80 | 120 | 1.00  | 20 |  |
| Copper   | 49.4 | 2.00  | 50.00 | 0 | 98.8 | 80 | 120 | 1.16  | 20 |  |
| Iron     | 262  | 12.5  | 250.0 | 0 | 105  | 80 | 120 | 3.57  | 20 |  |
| Lead     | 51.0 | 0.300 | 50.00 | 0 | 102  | 80 | 120 | 0.830 | 20 |  |
| Selenium | 47.8 | 0.500 | 50.00 | 0 | 95.6 | 80 | 120 | 3.90  | 20 |  |
| Silver   | 50.5 | 0.200 | 50.00 | 0 | 101  | 80 | 120 | 0.888 | 20 |  |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1203281  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** ICP-MS3\_120409A

| Sample ID: <b>LCSD-51209</b> | Batch ID: <b>51209</b>         | TestNo: <b>SW6020</b>                     | Units: <b>mg/Kg</b>        |         |      |          |           |      |          |      |
|------------------------------|--------------------------------|-------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>LCSD</b>        | Run ID: <b>ICP-MS3_120409A</b> | Analysis Date: <b>4/9/2012 1:15:00 PM</b> | Prep Date: <b>4/5/2012</b> |         |      |          |           |      |          |      |
| Analyte                      | Result                         | RL                                        | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Zinc                         | 48.0                           | 2.50                                      | 50.00                      | 0       | 96.0 | 80       | 120       | 2.52 | 20       |      |

| Sample ID: 1203281-01B SD | Batch ID: 51209         | TestNo: SW6020                     | Units: mg/Kg-dry    |         |      |          |           |       |          |      |
|---------------------------|-------------------------|------------------------------------|---------------------|---------|------|----------|-----------|-------|----------|------|
| SampType: SD              | Run ID: ICP-MS3_120409A | Analysis Date: 4/9/2012 1:32:00 PM | Prep Date: 4/5/2012 |         |      |          |           |       |          |      |
| Analyte                   | Result                  | RL                                 | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD  | RPDLimit | Qual |
| Arsenic                   | 2.52                    | 4.90                               | 0                   | 2.353   |      |          |           | 6.96  | 10       |      |
| Barium                    | 166                     | 9.80                               | 0                   | 169.0   |      |          |           | 2.02  | 10       |      |
| Cadmium                   | 0                       | 1.47                               | 0                   | 0.1349  |      |          |           | 0     | 10       |      |
| Chromium                  | 8.80                    | 9.80                               | 0                   | 8.120   |      |          |           | 8.06  | 10       |      |
| Copper                    | 3.20                    | 9.80                               | 0                   | 2.975   |      |          |           | 7.30  | 10       |      |
| Lead                      | 4.64                    | 1.47                               | 0                   | 4.623   |      |          |           | 0.449 | 10       |      |
| Selenium                  | 0                       | 2.45                               | 0                   | 0.5356  |      |          |           | 0     | 10       |      |
| Silver                    | 0                       | 0.980                              | 0                   | 0       |      |          |           | 0     | 10       |      |
| Zinc                      | 17.9                    | 12.2                               | 0                   | 16.66   |      |          |           | 6.90  | 10       |      |

| Sample ID: <b>1203281-01B PDS</b> | Batch ID: <b>51209</b>         | TestNo: <b>SW6020</b>                     | Units: <b>mg/Kg-dry</b>    |         |      |          |           |      |          |      |
|-----------------------------------|--------------------------------|-------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>PDS</b>              | Run ID: <b>ICP-MS3_120409A</b> | Analysis Date: <b>4/9/2012 2:27:00 PM</b> | Prep Date: <b>4/5/2012</b> |         |      |          |           |      |          |      |
| Analyte                           | Result                         | RL                                        | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Arsenic                           | 48.1                           | 0.980                                     | 48.98                      | 2.353   | 93.5 | 75       | 125       |      |          |      |
| Barium                            | 225                            | 1.96                                      | 48.98                      | 169.0   | 113  | 75       | 125       |      |          |      |
| Cadmium                           | 47.5                           | 0.294                                     | 48.98                      | 0.1349  | 96.7 | 75       | 125       |      |          |      |
| Chromium                          | 53.6                           | 1.96                                      | 48.98                      | 8.120   | 92.8 | 75       | 125       |      |          |      |
| Copper                            | 47.0                           | 1.96                                      | 48.98                      | 2.975   | 89.8 | 75       | 125       |      |          |      |
| Lead                              | 54.9                           | 0.294                                     | 48.98                      | 4.623   | 103  | 75       | 125       |      |          |      |
| Selenium                          | 46.9                           | 0.490                                     | 48.98                      | 0.5356  | 94.7 | 75       | 125       |      |          |      |
| Silver                            | 39.9                           | 0.196                                     | 48.98                      | 0       | 81.5 | 75       | 125       |      |          |      |
| Zinc                              | 60.6                           | 2.45                                      | 48.98                      | 16.66   | 89.7 | 75       | 125       |      |          |      |

| Sample ID: 1203281-01B MS | Batch ID: 51209         | TestNo: SW6020                     | Units: mg/Kg-dry    |         |      |          |           |      |          |      |
|---------------------------|-------------------------|------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: MS              | Run ID: ICP-MS3_120409A | Analysis Date: 4/9/2012 2:33:00 PM | Prep Date: 4/5/2012 |         |      |          |           |      |          |      |
| Analyte                   | Result                  | RL                                 | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Arsenic                   | 48.7                    | 0.970                              | 48.51               | 2.353   | 95.5 | 80       | 120       |      |          |      |
| Barium                    | 213                     | 1.94                               | 48.51               | 169.0   | 90.9 | 80       | 120       |      |          |      |
| Cadmium                   | 46.7                    | 0.291                              | 48.51               | 0.1349  | 96.0 | 80       | 120       |      |          |      |
| Chromium                  | 52.0                    | 1.94                               | 48.51               | 8.120   | 90.4 | 80       | 120       |      |          |      |
| Copper                    | 47.3                    | 1.94                               | 48.51               | 2.975   | 91.4 | 80       | 120       |      |          |      |
| Iron                      | 6330                    | 12.1                               | 242.5               | 6144    | 74.9 | 80       | 120       |      |          | S    |
| Lead                      | 55.0                    | 0.291                              | 48.51               | 4.623   | 104  | 80       | 120       |      |          |      |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1203281  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** ICP-MS3\_120409A

| Sample ID: 1203281-01B MS | Batch ID: 51209         | TestNo: SW6020                     | Units: mg/Kg-dry    |         |      |          |           |      |          |      |
|---------------------------|-------------------------|------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: MS              | Run ID: ICP-MS3_120409A | Analysis Date: 4/9/2012 2:33:00 PM | Prep Date: 4/5/2012 |         |      |          |           |      |          |      |
| Analyte                   | Result                  | RL                                 | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Selenium                  | 47.2                    | 0.485                              | 48.51               | 0.5356  | 96.1 | 80       | 120       |      |          |      |
| Silver                    | 47.3                    | 0.194                              | 48.51               | 0       | 97.6 | 80       | 120       |      |          |      |
| Zinc                      | 60.1                    | 2.43                               | 48.51               | 16.66   | 89.5 | 80       | 120       |      |          |      |

| Sample ID: 1203281-01B MSD | Batch ID: 51209         | TestNo: SW6020                     |           |         |      |          | Units: mg/Kg-dry    |       |          |      |
|----------------------------|-------------------------|------------------------------------|-----------|---------|------|----------|---------------------|-------|----------|------|
| SampType: MSD              | Run ID: ICP-MS3_120409A | Analysis Date: 4/9/2012 2:38:00 PM |           |         |      |          | Prep Date: 4/5/2012 |       |          |      |
| Analyte                    | Result                  | RL                                 | SPK value | Ref Val | %REC | LowLimit | HighLimit           | %RPD  | RPDLimit | Qual |
| Arsenic                    | 48.9                    | 0.970                              | 48.51     | 2.353   | 96.0 | 80       | 120                 | 0.497 | 20       | S    |
| Barium                     | 210                     | 1.94                               | 48.51     | 169.0   | 83.9 | 80       | 120                 | 1.62  | 20       |      |
| Cadmium                    | 47.8                    | 0.291                              | 48.51     | 0.1349  | 98.2 | 80       | 120                 | 2.31  | 20       |      |
| Chromium                   | 52.0                    | 1.94                               | 48.51     | 8.120   | 90.4 | 80       | 120                 | 0     | 20       |      |
| Copper                     | 47.4                    | 1.94                               | 48.51     | 2.975   | 91.6 | 80       | 120                 | 0.205 | 20       |      |
| Iron                       | 6470                    | 12.1                               | 242.5     | 6144    | 133  | 80       | 120                 | 2.20  | 20       |      |
| Lead                       | 56.1                    | 0.291                              | 48.51     | 4.623   | 106  | 80       | 120                 | 2.05  | 20       |      |
| Selenium                   | 47.6                    | 0.485                              | 48.51     | 0.5356  | 97.1 | 80       | 120                 | 0.972 | 20       |      |
| Silver                     | 48.3                    | 0.194                              | 48.51     | 0       | 99.6 | 80       | 120                 | 2.03  | 20       |      |
| Zinc                       | 60.9                    | 2.43                               | 48.51     | 16.66   | 91.1 | 80       | 120                 | 1.28  | 20       |      |

|                           |                         |                                    |           |         |      |                     |           |      |          |      |
|---------------------------|-------------------------|------------------------------------|-----------|---------|------|---------------------|-----------|------|----------|------|
| Sample ID: 1203281-01B SD | Batch ID: 51209         | TestNo: SW6020                     |           |         |      | Units: mg/Kg-dry    |           |      |          |      |
| SampType: SD              | Run ID: ICP-MS3_120409A | Analysis Date: 4/9/2012 9:37:00 PM |           |         |      | Prep Date: 4/5/2012 |           |      |          |      |
| Analyte                   | Result                  | RL                                 | SPK value | Ref Val | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Iron                      | 6880                    | 612                                | 0         | 6526    |      |                     |           | 5.33 | 10       |      |

|                            |        |                         |           |                                     |      |                     |           |      |          |      |
|----------------------------|--------|-------------------------|-----------|-------------------------------------|------|---------------------|-----------|------|----------|------|
| Sample ID: 1203281-01B PDS |        | Batch ID: 51209         |           | TestNo: SW6020                      |      | Units: mg/Kg-dry    |           |      |          |      |
| SampType: PDS              |        | Run ID: ICP-MS3_120409A |           | Analysis Date: 4/9/2012 10:28:00 PM |      | Prep Date: 4/5/2012 |           |      |          |      |
| Analyte                    | Result | RL                      | SPK value | Ref Val                             | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Iron                       | 18000  | 122                     | 12240     | 6526                                | 93.5 | 75                  | 125       |      |          |      |

**Qualifiers:**

|    |                                                 |     |                                       |
|----|-------------------------------------------------|-----|---------------------------------------|
| B  | Analyte detected in the associated Method Blank | DF  | Dilution Factor                       |
| J  | Analyte detected between MDL and RL             | MDL | Method Detection Limit                |
| ND | Not Detected at the Method Detection Limit      | R   | RPD outside accepted control limits   |
| RL | Reporting Limit                                 | S   | Spike Recovery outside control limits |
| J  | Analyte detected between SDL and RL             | N   | Parameter not NELAC certified         |

**CLIENT:** Larson & Associates  
**Work Order:** 1203281  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** ICP-MS3\_120409A

|                               |                                |                                            |                    |         |      |          |           |      |          |      |
|-------------------------------|--------------------------------|--------------------------------------------|--------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>ICV1-120409</b> | Batch ID: <b>R59950</b>        | TestNo: <b>SW6020</b>                      | Units: <b>mg/L</b> |         |      |          |           |      |          |      |
| SampType: <b>ICV</b>          | Run ID: <b>ICP-MS3_120409A</b> | Analysis Date: <b>4/9/2012 11:14:00 AM</b> | Prep Date:         |         |      |          |           |      |          |      |
| Analyte                       | Result                         | RL                                         | SPK value          | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |        |         |       |   |      |    |     |  |  |  |
|----------|--------|---------|-------|---|------|----|-----|--|--|--|
| Arsenic  | 0.0990 | 0.00600 | 0.100 | 0 | 99.0 | 90 | 110 |  |  |  |
| Barium   | 0.101  | 0.0100  | 0.100 | 0 | 101  | 90 | 110 |  |  |  |
| Cadmium  | 0.100  | 0.00100 | 0.100 | 0 | 100  | 90 | 110 |  |  |  |
| Chromium | 0.104  | 0.00600 | 0.100 | 0 | 104  | 90 | 110 |  |  |  |
| Copper   | 0.103  | 0.0100  | 0.100 | 0 | 103  | 90 | 110 |  |  |  |
| Iron     | 2.55   | 0.150   | 2.50  | 0 | 102  | 90 | 110 |  |  |  |
| Lead     | 0.102  | 0.00100 | 0.100 | 0 | 102  | 90 | 110 |  |  |  |
| Selenium | 0.103  | 0.00600 | 0.100 | 0 | 103  | 90 | 110 |  |  |  |
| Silver   | 0.0989 | 0.00200 | 0.100 | 0 | 98.9 | 90 | 110 |  |  |  |
| Zinc     | 0.103  | 0.00500 | 0.100 | 0 | 103  | 90 | 110 |  |  |  |

|                               |                                |                                            |                    |         |      |          |           |      |          |      |
|-------------------------------|--------------------------------|--------------------------------------------|--------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>CCV1-120409</b> | Batch ID: <b>R59950</b>        | TestNo: <b>SW6020</b>                      | Units: <b>mg/L</b> |         |      |          |           |      |          |      |
| SampType: <b>CCV</b>          | Run ID: <b>ICP-MS3_120409A</b> | Analysis Date: <b>4/9/2012 12:35:00 PM</b> | Prep Date:         |         |      |          |           |      |          |      |
| Analyte                       | Result                         | RL                                         | SPK value          | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |       |         |       |   |      |    |     |  |  |  |
|----------|-------|---------|-------|---|------|----|-----|--|--|--|
| Arsenic  | 0.195 | 0.00600 | 0.200 | 0 | 97.4 | 90 | 110 |  |  |  |
| Barium   | 0.188 | 0.0100  | 0.200 | 0 | 94.2 | 90 | 110 |  |  |  |
| Cadmium  | 0.186 | 0.00100 | 0.200 | 0 | 93.2 | 90 | 110 |  |  |  |
| Chromium | 0.196 | 0.00600 | 0.200 | 0 | 97.8 | 90 | 110 |  |  |  |
| Copper   | 0.197 | 0.0100  | 0.200 | 0 | 98.3 | 90 | 110 |  |  |  |
| Iron     | 4.89  | 0.150   | 5.00  | 0 | 97.7 | 90 | 110 |  |  |  |
| Lead     | 0.193 | 0.00100 | 0.200 | 0 | 96.6 | 90 | 110 |  |  |  |
| Selenium | 0.206 | 0.00600 | 0.200 | 0 | 103  | 90 | 110 |  |  |  |
| Silver   | 0.190 | 0.00200 | 0.200 | 0 | 94.9 | 90 | 110 |  |  |  |
| Zinc     | 0.199 | 0.00500 | 0.200 | 0 | 99.4 | 90 | 110 |  |  |  |

|                               |                                |                                           |                    |         |      |          |           |      |          |      |
|-------------------------------|--------------------------------|-------------------------------------------|--------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>CCV2-120409</b> | Batch ID: <b>R59950</b>        | TestNo: <b>SW6020</b>                     | Units: <b>mg/L</b> |         |      |          |           |      |          |      |
| SampType: <b>CCV</b>          | Run ID: <b>ICP-MS3_120409A</b> | Analysis Date: <b>4/9/2012 2:55:00 PM</b> | Prep Date:         |         |      |          |           |      |          |      |
| Analyte                       | Result                         | RL                                        | SPK value          | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |       |         |       |   |      |    |     |  |  |  |
|----------|-------|---------|-------|---|------|----|-----|--|--|--|
| Arsenic  | 0.198 | 0.00600 | 0.200 | 0 | 99.0 | 90 | 110 |  |  |  |
| Barium   | 0.197 | 0.0100  | 0.200 | 0 | 98.7 | 90 | 110 |  |  |  |
| Cadmium  | 0.197 | 0.00100 | 0.200 | 0 | 98.5 | 90 | 110 |  |  |  |
| Chromium | 0.190 | 0.00600 | 0.200 | 0 | 95.1 | 90 | 110 |  |  |  |
| Copper   | 0.192 | 0.0100  | 0.200 | 0 | 95.9 | 90 | 110 |  |  |  |
| Iron     | 4.86  | 0.150   | 5.00  | 0 | 97.1 | 90 | 110 |  |  |  |
| Lead     | 0.202 | 0.00100 | 0.200 | 0 | 101  | 90 | 110 |  |  |  |
| Selenium | 0.212 | 0.00600 | 0.200 | 0 | 106  | 90 | 110 |  |  |  |
| Silver   | 0.198 | 0.00200 | 0.200 | 0 | 98.8 | 90 | 110 |  |  |  |
| Zinc     | 0.198 | 0.00500 | 0.200 | 0 | 99.2 | 90 | 110 |  |  |  |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1203281  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** ICP-MS3\_120409A

|                               |                                |                                           |                    |         |      |          |           |      |          |      |
|-------------------------------|--------------------------------|-------------------------------------------|--------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>CCV3-120409</b> | Batch ID: <b>R59950</b>        | TestNo: <b>SW6020</b>                     | Units: <b>mg/L</b> |         |      |          |           |      |          |      |
| SampType: <b>CCV</b>          | Run ID: <b>ICP-MS3_120409A</b> | Analysis Date: <b>4/9/2012 4:19:00 PM</b> | Prep Date:         |         |      |          |           |      |          |      |
| Analyte                       | Result                         | RL                                        | SPK value          | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |       |         |       |   |      |    |     |  |  |  |
|----------|-------|---------|-------|---|------|----|-----|--|--|--|
| Arsenic  | 0.197 | 0.00600 | 0.200 | 0 | 98.4 | 90 | 110 |  |  |  |
| Barium   | 0.192 | 0.0100  | 0.200 | 0 | 96.2 | 90 | 110 |  |  |  |
| Cadmium  | 0.194 | 0.00100 | 0.200 | 0 | 97.0 | 90 | 110 |  |  |  |
| Chromium | 0.194 | 0.00600 | 0.200 | 0 | 97.0 | 90 | 110 |  |  |  |
| Copper   | 0.197 | 0.0100  | 0.200 | 0 | 98.4 | 90 | 110 |  |  |  |
| Iron     | 4.87  | 0.150   | 5.00  | 0 | 97.4 | 90 | 110 |  |  |  |
| Lead     | 0.200 | 0.00100 | 0.200 | 0 | 99.9 | 90 | 110 |  |  |  |
| Selenium | 0.208 | 0.00600 | 0.200 | 0 | 104  | 90 | 110 |  |  |  |
| Silver   | 0.194 | 0.00200 | 0.200 | 0 | 97.2 | 90 | 110 |  |  |  |
| Zinc     | 0.199 | 0.00500 | 0.200 | 0 | 99.4 | 90 | 110 |  |  |  |

|                               |                                |                                           |                    |         |      |          |           |      |          |      |
|-------------------------------|--------------------------------|-------------------------------------------|--------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>CCV5-120409</b> | Batch ID: <b>R59950</b>        | TestNo: <b>SW6020</b>                     | Units: <b>mg/L</b> |         |      |          |           |      |          |      |
| SampType: <b>CCV</b>          | Run ID: <b>ICP-MS3_120409A</b> | Analysis Date: <b>4/9/2012 8:46:00 PM</b> | Prep Date:         |         |      |          |           |      |          |      |
| Analyte                       | Result                         | RL                                        | SPK value          | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|      |      |       |      |   |      |    |     |  |  |  |
|------|------|-------|------|---|------|----|-----|--|--|--|
| Iron | 4.75 | 0.150 | 5.00 | 0 | 95.1 | 90 | 110 |  |  |  |
|------|------|-------|------|---|------|----|-----|--|--|--|

|                               |                                |                                            |                    |         |      |          |           |      |          |      |
|-------------------------------|--------------------------------|--------------------------------------------|--------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>CCV6-120409</b> | Batch ID: <b>R59950</b>        | TestNo: <b>SW6020</b>                      | Units: <b>mg/L</b> |         |      |          |           |      |          |      |
| SampType: <b>CCV</b>          | Run ID: <b>ICP-MS3_120409A</b> | Analysis Date: <b>4/9/2012 10:33:00 PM</b> | Prep Date:         |         |      |          |           |      |          |      |
| Analyte                       | Result                         | RL                                         | SPK value          | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|      |      |       |      |   |      |    |     |  |  |  |
|------|------|-------|------|---|------|----|-----|--|--|--|
| Iron | 4.82 | 0.150 | 5.00 | 0 | 96.4 | 90 | 110 |  |  |  |
|------|------|-------|------|---|------|----|-----|--|--|--|

|                               |                                |                                             |                    |         |      |          |           |      |          |      |
|-------------------------------|--------------------------------|---------------------------------------------|--------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>CCV7-120409</b> | Batch ID: <b>R59950</b>        | TestNo: <b>SW6020</b>                       | Units: <b>mg/L</b> |         |      |          |           |      |          |      |
| SampType: <b>CCV</b>          | Run ID: <b>ICP-MS3_120409A</b> | Analysis Date: <b>4/10/2012 12:37:00 AM</b> | Prep Date:         |         |      |          |           |      |          |      |
| Analyte                       | Result                         | RL                                          | SPK value          | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|      |      |       |      |   |      |    |     |  |  |  |
|------|------|-------|------|---|------|----|-----|--|--|--|
| Iron | 4.75 | 0.150 | 5.00 | 0 | 95.1 | 90 | 110 |  |  |  |
|------|------|-------|------|---|------|----|-----|--|--|--|

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1203281  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** IC\_120402A

The QC data in batch 51191 applies to the following samples: 1203281-01C, 1203281-02C, 1203281-03C, 1203281-04C, 1203281-05C, 1203281-06C, 1203281-07C, 1203281-08C, 1203281-09C, 1203281-10C, 1203281-11C, 1203281-12C, 1203281-13C, 1203281-14C

|                             |                           |                                           |                             |         |      |          |           |      |          |      |
|-----------------------------|---------------------------|-------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>LCS-51191</b> | Batch ID: <b>51191</b>    | TestNo: <b>E300</b>                       | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>LCS</b>        | Run ID: <b>IC_120402A</b> | Analysis Date: <b>4/2/2012 8:58:07 AM</b> | Prep Date: <b>3/30/2012</b> |         |      |          |           |      |          |      |
| Analyte                     | Result                    | RL                                        | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |      |      |       |   |     |    |     |  |  |  |
|----------|------|------|-------|---|-----|----|-----|--|--|--|
| Chloride | 50.4 | 5.00 | 50.00 | 0 | 101 | 80 | 120 |  |  |  |
|----------|------|------|-------|---|-----|----|-----|--|--|--|

|                              |                           |                                           |                             |         |      |          |           |      |          |      |
|------------------------------|---------------------------|-------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>LCSD-51191</b> | Batch ID: <b>51191</b>    | TestNo: <b>E300</b>                       | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>LCSD</b>        | Run ID: <b>IC_120402A</b> | Analysis Date: <b>4/2/2012 9:09:44 AM</b> | Prep Date: <b>3/30/2012</b> |         |      |          |           |      |          |      |
| Analyte                      | Result                    | RL                                        | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |      |      |       |   |     |    |     |       |    |  |
|----------|------|------|-------|---|-----|----|-----|-------|----|--|
| Chloride | 50.5 | 5.00 | 50.00 | 0 | 101 | 80 | 120 | 0.138 | 20 |  |
|----------|------|------|-------|---|-----|----|-----|-------|----|--|

|                            |                           |                                           |                             |         |      |          |           |      |          |      |
|----------------------------|---------------------------|-------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>MB-51191</b> | Batch ID: <b>51191</b>    | TestNo: <b>E300</b>                       | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>MBLK</b>      | Run ID: <b>IC_120402A</b> | Analysis Date: <b>4/2/2012 9:32:57 AM</b> | Prep Date: <b>3/30/2012</b> |         |      |          |           |      |          |      |
| Analyte                    | Result                    | RL                                        | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |    |      |  |  |  |  |  |  |  |  |
|----------|----|------|--|--|--|--|--|--|--|--|
| Chloride | ND | 5.00 |  |  |  |  |  |  |  |  |
|----------|----|------|--|--|--|--|--|--|--|--|

|                                  |                           |                                            |                             |         |      |          |           |      |          |      |
|----------------------------------|---------------------------|--------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>1203281-01C MS</b> | Batch ID: <b>51191</b>    | TestNo: <b>E300</b>                        | Units: <b>mg/Kg-dry</b>     |         |      |          |           |      |          |      |
| SampType: <b>MS</b>              | Run ID: <b>IC_120402A</b> | Analysis Date: <b>4/2/2012 10:30:59 AM</b> | Prep Date: <b>3/30/2012</b> |         |      |          |           |      |          |      |
| Analyte                          | Result                    | RL                                         | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |      |      |       |       |     |    |     |  |  |  |
|----------|------|------|-------|-------|-----|----|-----|--|--|--|
| Chloride | 60.6 | 5.07 | 50.73 | 8.461 | 103 | 80 | 120 |  |  |  |
|----------|------|------|-------|-------|-----|----|-----|--|--|--|

|                                   |                           |                                            |                             |         |      |          |           |      |          |      |
|-----------------------------------|---------------------------|--------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>1203281-01C MSD</b> | Batch ID: <b>51191</b>    | TestNo: <b>E300</b>                        | Units: <b>mg/Kg-dry</b>     |         |      |          |           |      |          |      |
| SampType: <b>MSD</b>              | Run ID: <b>IC_120402A</b> | Analysis Date: <b>4/2/2012 10:42:35 AM</b> | Prep Date: <b>3/30/2012</b> |         |      |          |           |      |          |      |
| Analyte                           | Result                    | RL                                         | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |      |      |       |       |     |    |     |       |    |  |
|----------|------|------|-------|-------|-----|----|-----|-------|----|--|
| Chloride | 60.5 | 5.07 | 50.73 | 8.461 | 103 | 80 | 120 | 0.238 | 20 |  |
|----------|------|------|-------|-------|-----|----|-----|-------|----|--|

|                                  |                           |                                           |                             |         |      |          |           |      |          |      |
|----------------------------------|---------------------------|-------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>1203281-14C MS</b> | Batch ID: <b>51191</b>    | TestNo: <b>E300</b>                       | Units: <b>mg/Kg-dry</b>     |         |      |          |           |      |          |      |
| SampType: <b>MS</b>              | Run ID: <b>IC_120402A</b> | Analysis Date: <b>4/2/2012 1:37:54 PM</b> | Prep Date: <b>3/30/2012</b> |         |      |          |           |      |          |      |
| Analyte                          | Result                    | RL                                        | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |      |      |       |   |     |    |     |  |  |  |
|----------|------|------|-------|---|-----|----|-----|--|--|--|
| Chloride | 52.7 | 5.18 | 51.80 | 0 | 102 | 80 | 120 |  |  |  |
|----------|------|------|-------|---|-----|----|-----|--|--|--|

|                                   |                           |                                           |                             |         |      |          |           |      |          |      |
|-----------------------------------|---------------------------|-------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>1203281-14C MSD</b> | Batch ID: <b>51191</b>    | TestNo: <b>E300</b>                       | Units: <b>mg/Kg-dry</b>     |         |      |          |           |      |          |      |
| SampType: <b>MSD</b>              | Run ID: <b>IC_120402A</b> | Analysis Date: <b>4/2/2012 1:49:30 PM</b> | Prep Date: <b>3/30/2012</b> |         |      |          |           |      |          |      |
| Analyte                           | Result                    | RL                                        | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |      |      |       |   |     |    |     |       |    |  |
|----------|------|------|-------|---|-----|----|-----|-------|----|--|
| Chloride | 52.8 | 5.18 | 51.80 | 0 | 102 | 80 | 120 | 0.173 | 20 |  |
|----------|------|------|-------|---|-----|----|-----|-------|----|--|

**Qualifiers:**

|    |                                                 |     |                                       |
|----|-------------------------------------------------|-----|---------------------------------------|
| B  | Analyte detected in the associated Method Blank | DF  | Dilution Factor                       |
| J  | Analyte detected between MDL and RL             | MDL | Method Detection Limit                |
| ND | Not Detected at the Method Detection Limit      | R   | RPD outside accepted control limits   |
| RL | Reporting Limit                                 | S   | Spike Recovery outside control limits |
| J  | Analyte detected between SDL and RL             | N   | Parameter not NELAC certified         |

**CLIENT:** Larson & Associates  
**Work Order:** 1203281  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** IC\_120402A

|                              |                           |                                           |           |         |      |                     |           |      |          |      |
|------------------------------|---------------------------|-------------------------------------------|-----------|---------|------|---------------------|-----------|------|----------|------|
| Sample ID: <b>ICV-120402</b> | Batch ID: <b>R59833</b>   | TestNo: <b>E300</b>                       |           |         |      | Units: <b>mg/Kg</b> |           |      |          |      |
| SampType: <b>ICV</b>         | Run ID: <b>IC_120402A</b> | Analysis Date: <b>4/2/2012 8:44:12 AM</b> |           |         |      | Prep Date:          |           |      |          |      |
| Analyte                      | Result                    | RL                                        | SPK value | Ref Val | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                     | 26.1                      | 5.00                                      | 25.00     | 0       | 104  | 90                  | 110       |      |          |      |

| Sample ID: <b>CCV1-120402</b> | Batch ID: <b>R59833</b>   | TestNo: <b>E300</b>                        | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|---------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>IC_120402A</b> | Analysis Date: <b>4/2/2012 10:54:11 AM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                    | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                      | 10.1                      | 5.00                                       | 10.00               | 0       | 101  | 90       | 110       |      |          |      |

| Sample ID: <b>CCV2-120402</b> | Batch ID: <b>R59833</b>   | TestNo: <b>E300</b>                       | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|---------------------------|-------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>IC_120402A</b> | Analysis Date: <b>4/2/2012 1:04:56 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                    | RL                                        | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                      | 10.1                      | 5.00                                      | 10.00               | 0       | 101  | 90       | 110       |      |          |      |

| Sample ID: <b>CCV3-120402</b> | Batch ID: <b>R59833</b>   | TestNo: <b>E300</b>                       | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|---------------------------|-------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>IC_120402A</b> | Analysis Date: <b>4/2/2012 3:39:30 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                    | RL                                        | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                      | 10.1                      | 5.00                                      | 10.00               | 0       | 101  | 90       | 110       |      |          |      |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1203281  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** IR207\_120403A

| Sample ID: <b>ICV-120403</b> | Batch ID: <b>418_S-04/03/2012</b> | TestNo: <b>E418.1</b>                      | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|------------------------------|-----------------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>ICV</b>         | Run ID: <b>IR207_120403A</b>      | Analysis Date: <b>4/3/2012 10:40:00 AM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                      | Result                            | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Petroleum Hydrocarbons, TR   | 262                               | 10.0                                       | 250.0               | 0       | 105  | 90       | 110       |      |          | N    |

| Sample ID: <b>CCV1-120403</b> | Batch ID: <b>418_S-04/03/2012</b> | TestNo: <b>E418.1</b>                      | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|-----------------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>IR207_120403A</b>      | Analysis Date: <b>4/3/2012 10:40:00 AM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                            | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Petroleum Hydrocarbons, TR    | 264                               | 10.0                                       | 250.0               | 0       | 106  | 85       | 115       |      |          | N    |

| Sample ID: <b>CCV2-120403</b> | Batch ID: <b>418_S-04/03/2012</b> | TestNo: <b>E418.1</b>                      | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|-----------------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>IR207_120403A</b>      | Analysis Date: <b>4/3/2012 10:40:00 AM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                            | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Petroleum Hydrocarbons, TR    | 266                               | 10.0                                       | 250.0               | 0       | 106  | 85       | 115       |      |          | N    |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- RL Reporting Limit
- J Analyte detected between SDL and RL

- DF Dilution Factor
- MDL Method Detection Limit
- R RPD outside accepted control limits
- S Spike Recovery outside control limits
- N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1203281  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** IR207\_120403A

The QC data in batch 51221 applies to the following samples: 1203281-01A, 1203281-02A, 1203281-03A, 1203281-04A, 1203281-05A, 1203281-06A, 1203281-07A, 1203281-08A, 1203281-09A, 1203281-10A, 1203281-11A, 1203281-12A, 1203281-13A, 1203281-14A

|                             |                              |                                            |                            |         |      |          |           |      |          |      |
|-----------------------------|------------------------------|--------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>LCS-51221</b> | Batch ID: <b>51221</b>       | TestNo: <b>E418.1</b>                      | Units: <b>mg/Kg</b>        |         |      |          |           |      |          |      |
| SampType: <b>LCS</b>        | Run ID: <b>IR207_120403A</b> | Analysis Date: <b>4/3/2012 10:40:00 AM</b> | Prep Date: <b>4/3/2012</b> |         |      |          |           |      |          |      |
| Analyte                     | Result                       | RL                                         | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                            |      |      |       |   |      |    |     |  |  |   |
|----------------------------|------|------|-------|---|------|----|-----|--|--|---|
| Petroleum Hydrocarbons, TR | 90.0 | 10.0 | 100.0 | 0 | 90.0 | 80 | 120 |  |  | N |
|----------------------------|------|------|-------|---|------|----|-----|--|--|---|

|                            |                              |                                            |                            |         |      |          |           |      |          |      |
|----------------------------|------------------------------|--------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>MB-51221</b> | Batch ID: <b>51221</b>       | TestNo: <b>E418.1</b>                      | Units: <b>mg/Kg</b>        |         |      |          |           |      |          |      |
| SampType: <b>MBLK</b>      | Run ID: <b>IR207_120403A</b> | Analysis Date: <b>4/3/2012 10:40:00 AM</b> | Prep Date: <b>4/3/2012</b> |         |      |          |           |      |          |      |
| Analyte                    | Result                       | RL                                         | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                            |    |      |  |  |  |  |  |  |  |   |
|----------------------------|----|------|--|--|--|--|--|--|--|---|
| Petroleum Hydrocarbons, TR | ND | 10.0 |  |  |  |  |  |  |  | N |
|----------------------------|----|------|--|--|--|--|--|--|--|---|

|                                  |                              |                                            |                            |         |      |          |           |      |          |      |
|----------------------------------|------------------------------|--------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>1203281-01A MS</b> | Batch ID: <b>51221</b>       | TestNo: <b>E418.1</b>                      | Units: <b>mg/Kg-dry</b>    |         |      |          |           |      |          |      |
| SampType: <b>MS</b>              | Run ID: <b>IR207_120403A</b> | Analysis Date: <b>4/3/2012 10:40:00 AM</b> | Prep Date: <b>4/3/2012</b> |         |      |          |           |      |          |      |
| Analyte                          | Result                       | RL                                         | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                            |     |      |       |       |      |    |     |  |  |   |
|----------------------------|-----|------|-------|-------|------|----|-----|--|--|---|
| Petroleum Hydrocarbons, TR | 302 | 10.1 | 101.2 | 209.1 | 92.1 | 80 | 120 |  |  | N |
|----------------------------|-----|------|-------|-------|------|----|-----|--|--|---|

|                                   |                              |                                            |                            |         |      |          |           |      |          |      |
|-----------------------------------|------------------------------|--------------------------------------------|----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>1203281-01A MSD</b> | Batch ID: <b>51221</b>       | TestNo: <b>E418.1</b>                      | Units: <b>mg/Kg-dry</b>    |         |      |          |           |      |          |      |
| SampType: <b>MSD</b>              | Run ID: <b>IR207_120403A</b> | Analysis Date: <b>4/3/2012 10:40:00 AM</b> | Prep Date: <b>4/3/2012</b> |         |      |          |           |      |          |      |
| Analyte                           | Result                       | RL                                         | SPK value                  | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                            |     |      |       |       |      |    |     |       |    |   |
|----------------------------|-----|------|-------|-------|------|----|-----|-------|----|---|
| Petroleum Hydrocarbons, TR | 302 | 10.1 | 100.6 | 209.1 | 92.1 | 80 | 120 | 0.177 | 20 | N |
|----------------------------|-----|------|-------|-------|------|----|-----|-------|----|---|

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- RL Reporting Limit
- J Analyte detected between SDL and RL

- DF Dilution Factor
- MDL Method Detection Limit
- R RPD outside accepted control limits
- S Spike Recovery outside control limits
- N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1203281  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** PMOIST\_120406A

The QC data in batch 51297 applies to the following samples: 1203281-01B, 1203281-02B, 1203281-03B, 1203281-04B, 1203281-05B, 1203281-06B, 1203281-07B, 1203281-08B, 1203281-09B, 1203281-10B, 1203281-11B, 1203281-12B, 1203281-13B, 1203281-14B

|                           |                        |                                    |                     |         |      |          |           |      |          |      |
|---------------------------|------------------------|------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: 1203282-06CDUP | Batch ID: 51297        | TestNo: D2216                      | Units: WT%          |         |      |          |           |      |          |      |
| SampType: DUP             | Run ID: PMOIST_120406A | Analysis Date: 4/9/2012 8:38:00 AM | Prep Date: 4/6/2012 |         |      |          |           |      |          |      |
| Analyte                   | Result                 | RL                                 | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Percent Moisture          | 1.59                   | 0                                  | 0                   | 1.680   |      |          |           | 5.50 | 30       |      |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified



October 11, 2012

Mark Larson  
Larson & Associates  
507 N. Marienfeld #200  
Midland, TX 79701  
TEL: (432) 687-0901  
FAX (432) 687-0456  
RE: Chevron Landfarm

Order No.: 1210021

Dear Mark Larson:

DHL Analytical, Inc. received 14 sample(s) on 10/3/2012 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAC except where noted in the Case Narrative. All non-NELAC methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

A handwritten signature in black ink, appearing to read "John DuPont".

John DuPont  
General Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-12-8



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CLIENT: LHI (Larson & Associates) DATE: 9-27-12 PAGE 1 OF 1  
ADDRESS: 507 N. Marienfeld Suite 200 PO #: \_\_\_\_\_ DHL WORK ORDER #: 1210021  
PHONE: 432-687-0901 FAX/E-MAIL: cwoolf@environmental.ca PROJECT LOCATION OR NAME: Chevron Landfarm  
DATA REPORTED TO: Coty Woolf CLIENT PROJECT #: 6-0137 COLLECTOR: Cwoolf  
ADDITIONAL REPORT COPIES TO: \_\_\_\_\_

[illegible]

|                                                                                     |                              |                                                |                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------|------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY: (Signature)<br><i>[Signature]</i>                                  | DATE/TIME<br>7-27-12 5:00 pm | RECEIVED BY: (Signature)<br><i>[Signature]</i> | <b>TURN AROUND TIME</b><br>RUSH <input type="checkbox"/> CALL FIRST<br>1 DAY <input type="checkbox"/> CALL FIRST<br>2 DAY <input type="checkbox"/><br>NORMAL <input type="checkbox"/><br>OTHER <input type="checkbox"/> _____ | <b>LABORATORY USE ONLY:</b> <i>On file</i><br>RECEIVING TEMP: <i>124.94</i> THERM #: <i>57</i><br>CUSTODY SEALS: <input type="checkbox"/> BROKEN <input checked="" type="checkbox"/> INTACT <input type="checkbox"/> NOT USED<br>CARRIER BILL #: <i>Donoski</i><br><input type="checkbox"/> APC DELIVERY<br><input type="checkbox"/> HAND DELIVERED |
| RELINQUISHED BY: (Signature)<br><i>[Signature]</i>                                  | DATE/TIME<br>10/3/12         | RECEIVED BY: (Signature)<br><i>[Signature]</i> |                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                     |
| RELINQUISHED BY: (Signature)                                                        | DATE/TIME                    | RECEIVED BY: (Signature)                       |                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                     |
| <input type="checkbox"/> DHL DISPOSAL @ \$5.00 each <input type="checkbox"/> Return |                              |                                                |                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                     |



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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                      |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>1. To:</b> Print Name (Person) <i>Sam M. ...</i> Phone (Important) <i>800-800-8984</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | <b>2. From:</b> Print Name (Person) <i>LARSON &amp; ASSOCIATES</i> Phone (Important) <i>432-687-0901</i>                                                                                                             |  |
| Company Name <i>Off. ...</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | Company Name <i>LARSON &amp; ASSOCIATES</i>                                                                                                                                                                          |  |
| Street Address (No P.O. Box or P.O. Box Zip Code Deliveries) <i>200 ...</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | Street Address <i>507 NORTH MARIENFELD</i>                                                                                                                                                                           |  |
| Suite / Floor <i>200</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | Suite / Floor <i>200</i>                                                                                                                                                                                             |  |
| City <i>Kennelwood</i> State <i>TX</i> Zip <i>79701</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | City <i>MIDLAND</i> State <i>TX</i> Zip <i>79701</i>                                                                                                                                                                 |  |
| <b>3. Service:</b> Visit <a href="http://www.lso.com">www.lso.com</a> for availability of services to your destination and enjoy added features by creating your shipping label online.<br><input type="checkbox"/> By 10:30 am Delivery Check availability at <a href="http://www.lso.com">www.lso.com</a><br><input type="checkbox"/> By 8:30 am Delivery (Extra charge, no signature obtained) Check availability at <a href="http://www.lso.com">www.lso.com</a><br><input type="checkbox"/> By 3:00 pm Delivery<br><input type="checkbox"/> Ground (next day to most cities)<br><input type="checkbox"/> Deliver Without Delivery Signature (See Limits of Liability below)<br>Release Signature <i>[Signature]</i><br>L <i>...</i> x W <i>...</i> x H <i>...</i> |  | <b>4. Package:</b> Weight: <i>50</i><br>Your Company's Billing Reference Information <i>10-0137</i><br>Ship Date: (mm/dd/yy) <i>9 98 12</i><br><b>5. Payment:</b> <i>[Signature]</i>                                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | <b>FOR COURIER USE ONLY</b><br>Courier Number _____<br><input type="checkbox"/> Check here if LSO Supplies are used with Ground Service.<br>Pick-up Location _____<br>Date: _____<br>Time: _____<br>City Code: _____ |  |

LIMIT OF LIABILITY: We are not responsible for claims in excess of \$100 for loss or damage unless you: 1) declare a greater value (not to exceed \$5000), 2) pay an additional fee; 3) and document your actual loss in a timely manner. We will not pay any claim in excess of the actual loss. We are not liable for any special or consequential damages. Additional limitations of liability are contained in our current Service Guide. If you ask us to deliver a package without obtaining a delivery signature, you release us of all liability for claims resulting from such service. NO DELIVERY SIGNATURE WILL BE OBTAINED FOR 08:30 AM DELIVERIES. PRIORITY SERVICE PACKAGING PROVIDED BY LSO IS NOT INTENDED FOR USE ON GROUND SERVICE. OVERSIZE RATES MAY APPLY. DELIVERY COMMITMENTS MAY VARY. ADDITIONAL FEES MAY APPLY.

CUSTODY SEAL

DATE *9-27-12*

SIGNATURE *[Signature]*

QEC

Quality Environmental Containers  
800-255-3950 • 304-255-3900



WWW.LSO.COM  
Questions? Call 800-800-8984



Airbill No. 47376906

47376906

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>1. To:</b><br>Print Name (Person) <u>Scrimgeour, Rocio</u><br>Phone (Important) <u>388-2022</u><br>Company Name <u>PHL Analytical</u><br>Street Address (No P.O. Box or P.O. Box Zip Code Deliveries) <u>2300 North Creek Dr.</u><br>Suite / Floor _____<br>City <u>Round Rock</u> State <u>TX</u> Zip _____                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | <b>2. From:</b><br>Print Name (Person) _____<br>Phone (Important) <u>432-687-0901</u><br>Company Name <u>ARSON &amp; ASSOCIATES</u><br>Street Address <u>507 NORTH MARTENFELD</u><br>Suite / Floor _____<br>City <u>MIDLAND</u> State <u>TX</u> Zip <u>79701</u>                                                                      |  |
| <b>3. Service:</b><br>Visit <a href="http://www.lso.com">www.lso.com</a> for availability of services to your destination and enjoy added features by creating your shipping label online.<br><input checked="" type="checkbox"/> By 10:30 am Delivery Check availability at <a href="http://www.lso.com">www.lso.com</a><br><input type="checkbox"/> By 8:30 am Delivery (Extra charge, no signature obtained) Check availability at <a href="http://www.lso.com">www.lso.com</a><br><input type="checkbox"/> By 3:00 pm Delivery<br><input type="checkbox"/> Ground (next day to most cities)<br><input type="checkbox"/> Deliver Without Delivery Signature (See Limits of Liability below)<br>Release Signature _____<br>L _____ x W _____ x H _____ |  | <b>4. Package:</b><br>Weight: <u>50</u><br>Your Company's Billing Reference Information <u>6-0108</u><br>To Date: (mm/dd/yy) <u>9/28/12</u><br><b>FOR COURIER USE ONLY</b><br>Courier Number _____<br><input type="checkbox"/> Check here if LSO Supplies are used with Ground Service.<br>Pick-up Location _____<br>City Code: _____ |  |

**LIMIT OF LIABILITY:** We are not responsible for claims in excess of \$100 for any reason unless you: 1) declare a greater value (not to exceed \$25,000); 2) pay an additional fee; 3) and document your actual loss in a timely manner. We will not pay any claim in excess of the actual loss. We are not liable for any special or consequential damages. Additional limitations of liability are contained in our current Service Guide. If you ask us to deliver a package without obtaining a delivery signature, you release us of all liability for claims resulting from such service. **NO DELIVERY SIGNATURE WILL BE OBTAINED FOR 08:30 AM DELIVERIES. PRIORITY SERVICE PACKAGING PROVIDED BY LSO IS NOT INTENDED FOR USE ON GROUND SERVICE. OVERSIZE RATES MAY APPLY. DELIVERY COMMITMENTS MAY VARY. ADDITIONAL FEES MAY APPLY.**

**CUSTODY SEAL**

DATE 9-28-12

SIGNATURE \_\_\_\_\_

**QEC**

Quality Environmental Containers  
800-255-3950 • 304-255-3900

Sample Receipt Checklist

Client Name Larson & Associates

Date Received: 10/3/2012

Work Order Number 1210021

Received by JB

Checklist completed by: [Signature] 10/3/2012  
Signature Date

Reviewed by SS 10/3/2012  
Initials Date

Carrier name: LoneStar

|                                                         |                                         |                             |                                                            |
|---------------------------------------------------------|-----------------------------------------|-----------------------------|------------------------------------------------------------|
| Shipping container/cooler in good condition?            | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/>                       |
| Custody seals intact on shipping container/cooler?      | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/>                       |
| Custody seals intact on sample bottles?                 | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/>            |
| Chain of custody present?                               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |                                                            |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |                                                            |
| Chain of custody agrees with sample labels?             | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |                                                            |
| Samples in proper container/bottle?                     | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |                                                            |
| Sample containers intact?                               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |                                                            |
| Sufficient sample volume for indicated test?            | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |                                                            |
| All samples received within holding time?               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |                                                            |
| Container/Temp Blank temperature in compliance?         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | 9.4 °C, 12.4°                                              |
| Water - VOA vials have zero headspace?                  | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | No VOA vials submitted <input checked="" type="checkbox"/> |
| Water - pH acceptable upon receipt?                     | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | Not Applicable <input checked="" type="checkbox"/>         |

Adjusted? \_\_\_\_\_ Checked by \_\_\_\_\_

Any No response must be detailed in the comments section below.

Client contacted \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments: \_\_\_\_\_

Corrective Action \_\_\_\_\_

**CLIENT:** Larson & Associates**Project:** Chevron Landfarm**Lab Order:** 1210021**CASE NARRATIVE**

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Sample was analyzed using the methods outlined in the following references:

Method SW6020A - Metals Analysis

Method SW7471B - Mercury Analysis

Method SW8021B - Volatile Organics by GC

Method M8015D - DRO Analysis

Method M8015V - GRO Analysis

Method E300 - Anions Analysis

Method TRPH - Total Recoverable Petroleum Hydrocarbons (this parameter is not NELAC certified)

Method D2216 - Percent Moisture

#### LOG IN

The samples were received and log-in performed on 10/3/12. A total of 14 samples were received. The time of collection was Mountain Standard Time. The samples arrived in good condition and were properly packaged.

#### DRO ANALYSIS

For DRO analysis performed on 10/9/12 the surrogate recoveries for a few samples were above control limits for Octacosane. These are flagged accordingly. The remaining surrogate was within control limits. No further corrective actions were taken.

#### METALS ANALYSIS

For Metals analysis performed on 10/8/12 the matrix spike recovery was above control limits for Iron. This is flagged accordingly in the QC summary report. The sample selected for the matrix spike and matrix spike duplicate was from this work order. The LCS was within control limits for this analyte. No further corrective actions were taken.

For Metals analysis performed on 10/8/12 the PDS recovery was below control limits for Silver. This is flagged accordingly. The serial dilution was within control limits for this analyte. No further corrective actions were taken.

#### VOLATILE ORGANICS BY GC ANALYSIS

For Volatile Organics by GC analysis performed on 10/3/12 (batch 54092) the matrix spike duplicate recovery was slightly above control limits for Benzene. This is flagged accordingly in the QC summary report. The sample selected for the matrix spike and matrix spike duplicate was from this work order.

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**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Lab Order:** 1210021

**CASE NARRATIVE**

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The LCS was within control limits for this compound. No further corrective actions were taken.

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**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Lab Order:** 1210021**Work Order Sample Summary**

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| Lab Smp ID | Client Sample ID | Tag Number | Date Collected    | Date Recved |
|------------|------------------|------------|-------------------|-------------|
| 1210021-01 | Cell 17          |            | 09/27/12 10:00 AM | 10/3/2012   |
| 1210021-02 | Cell 18          |            | 09/27/12 10:30 AM | 10/3/2012   |
| 1210021-03 | Cell 19          |            | 09/27/12 11:00 AM | 10/3/2012   |
| 1210021-04 | Cell 20          |            | 09/27/12 11:30 AM | 10/3/2012   |
| 1210021-05 | Cell 21          |            | 09/27/12 12:00 PM | 10/3/2012   |
| 1210021-06 | Cell 25          |            | 09/27/12 12:30 PM | 10/3/2012   |
| 1210021-07 | Cell 26          |            | 09/27/12 01:00 PM | 10/3/2012   |
| 1210021-08 | Cell 17 Treat    |            | 09/27/12 10:00 AM | 10/3/2012   |
| 1210021-09 | Cell 18 Treat    |            | 09/27/12 10:30 AM | 10/3/2012   |
| 1210021-10 | Cell 19 Treat    |            | 09/27/12 11:00 AM | 10/3/2012   |
| 1210021-11 | Cell 20 Treat    |            | 09/27/12 11:30 AM | 10/3/2012   |
| 1210021-12 | Cell 21 Treat    |            | 09/27/12 12:00 PM | 10/3/2012   |
| 1210021-13 | Cell 25 Treat    |            | 09/27/12 12:30 PM | 10/3/2012   |
| 1210021-14 | Cell 26 Treat    |            | 09/27/12 01:00 PM | 10/3/2012   |

**Lab Order:** 1210021  
**Client:** Larson & Associates  
**Project:** Chevron Landfarm

**PREP DATES REPORT**

| Sample ID   | Client Sample ID | Collection Date   | Matrix | Test Number | Test Name                      | Prep Date         | Batch ID |
|-------------|------------------|-------------------|--------|-------------|--------------------------------|-------------------|----------|
| 1210021-01A | Cell 17          | 09/27/12 10:00 AM | Soil   | SW5030A     | Purge and Trap Soils GC        | 10/03/12 10:54 AM | 54092    |
|             | Cell 17          | 09/27/12 10:00 AM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 10/05/12 10:12 AM | 54128    |
|             | Cell 17          | 09/27/12 10:00 AM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 10/09/12 11:30 AM | 54177    |
| 1210021-01B | Cell 17          | 09/27/12 10:00 AM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 10/04/12 09:00 AM | 54096    |
|             | Cell 17          | 09/27/12 10:00 AM | Soil   | D2216       | Moisture Preparation           | 10/04/12          | 54113    |
|             | Cell 17          | 09/27/12 10:00 AM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
|             | Cell 17          | 09/27/12 10:00 AM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
| 1210021-01C | Cell 17          | 09/27/12 10:00 AM | Soil   | E300        | Anion Prep                     | 10/08/12 02:30 PM | 54158    |
|             | Cell 17          | 09/27/12 10:00 AM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 10/05/12 06:54 AM | 54115    |
| 1210021-02A | Cell 18          | 09/27/12 10:30 AM | Soil   | SW5030A     | Purge and Trap Soils GC        | 10/03/12 10:54 AM | 54092    |
|             | Cell 18          | 09/27/12 10:30 AM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 10/05/12 10:12 AM | 54128    |
|             | Cell 18          | 09/27/12 10:30 AM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 10/09/12 11:30 AM | 54177    |
| 1210021-02B | Cell 18          | 09/27/12 10:30 AM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 10/04/12 09:00 AM | 54096    |
|             | Cell 18          | 09/27/12 10:30 AM | Soil   | D2216       | Moisture Preparation           | 10/04/12          | 54113    |
|             | Cell 18          | 09/27/12 10:30 AM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
|             | Cell 18          | 09/27/12 10:30 AM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
| 1210021-02C | Cell 18          | 09/27/12 10:30 AM | Soil   | E300        | Anion Prep                     | 10/08/12 02:30 PM | 54158    |
|             | Cell 18          | 09/27/12 10:30 AM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 10/05/12 06:54 AM | 54115    |
| 1210021-03A | Cell 19          | 09/27/12 11:00 AM | Soil   | SW5030A     | Purge and Trap Soils GC        | 10/03/12 10:54 AM | 54092    |
|             | Cell 19          | 09/27/12 11:00 AM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 10/05/12 10:12 AM | 54128    |
|             | Cell 19          | 09/27/12 11:00 AM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 10/09/12 11:30 AM | 54177    |
| 1210021-03B | Cell 19          | 09/27/12 11:00 AM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 10/04/12 09:00 AM | 54096    |
|             | Cell 19          | 09/27/12 11:00 AM | Soil   | D2216       | Moisture Preparation           | 10/04/12          | 54113    |
|             | Cell 19          | 09/27/12 11:00 AM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
|             | Cell 19          | 09/27/12 11:00 AM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
| 1210021-03C | Cell 19          | 09/27/12 11:00 AM | Soil   | E300        | Anion Prep                     | 10/08/12 02:30 PM | 54158    |
|             | Cell 19          | 09/27/12 11:00 AM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 10/05/12 06:54 AM | 54115    |
| 1210021-04A | Cell 20          | 09/27/12 11:30 AM | Soil   | SW5030A     | Purge and Trap Soils GC        | 10/03/12 10:54 AM | 54092    |

**Lab Order:** 1210021  
**Client:** Larson & Associates  
**Project:** Chevron Landfarm

**PREP DATES REPORT**

| Sample ID   | Client Sample ID | Collection Date   | Matrix | Test Number | Test Name                      | Prep Date         | Batch ID |
|-------------|------------------|-------------------|--------|-------------|--------------------------------|-------------------|----------|
| 1210021-04A | Cell 20          | 09/27/12 11:30 AM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 10/05/12 10:12 AM | 54128    |
|             | Cell 20          | 09/27/12 11:30 AM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 10/09/12 11:30 AM | 54177    |
| 1210021-04B | Cell 20          | 09/27/12 11:30 AM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 10/04/12 09:00 AM | 54096    |
|             | Cell 20          | 09/27/12 11:30 AM | Soil   | D2216       | Moisture Preparation           | 10/04/12          | 54113    |
|             | Cell 20          | 09/27/12 11:30 AM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
| 1210021-04C | Cell 20          | 09/27/12 11:30 AM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
|             | Cell 20          | 09/27/12 11:30 AM | Soil   | E300        | Anion Prep                     | 10/08/12 02:30 PM | 54158    |
|             | Cell 20          | 09/27/12 11:30 AM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 10/05/12 06:54 AM | 54115    |
| 1210021-05A | Cell 21          | 09/27/12 12:00 PM | Soil   | SW5030A     | Purge and Trap Soils GC        | 10/03/12 10:54 AM | 54092    |
|             | Cell 21          | 09/27/12 12:00 PM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 10/05/12 10:12 AM | 54128    |
|             | Cell 21          | 09/27/12 12:00 PM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 10/09/12 11:30 AM | 54177    |
| 1210021-05B | Cell 21          | 09/27/12 12:00 PM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 10/04/12 09:00 AM | 54096    |
|             | Cell 21          | 09/27/12 12:00 PM | Soil   | D2216       | Moisture Preparation           | 10/04/12          | 54113    |
|             | Cell 21          | 09/27/12 12:00 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
|             | Cell 21          | 09/27/12 12:00 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
| 1210021-05C | Cell 21          | 09/27/12 12:00 PM | Soil   | E300        | Anion Prep                     | 10/08/12 02:30 PM | 54158    |
|             | Cell 21          | 09/27/12 12:00 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 10/05/12 06:54 AM | 54115    |
| 1210021-06A | Cell 25          | 09/27/12 12:30 PM | Soil   | SW5030A     | Purge and Trap Soils GC        | 10/03/12 10:54 AM | 54092    |
|             | Cell 25          | 09/27/12 12:30 PM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 10/05/12 10:12 AM | 54128    |
|             | Cell 25          | 09/27/12 12:30 PM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 10/09/12 11:30 AM | 54177    |
| 1210021-06B | Cell 25          | 09/27/12 12:30 PM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 10/04/12 09:00 AM | 54096    |
|             | Cell 25          | 09/27/12 12:30 PM | Soil   | D2216       | Moisture Preparation           | 10/04/12          | 54113    |
|             | Cell 25          | 09/27/12 12:30 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
|             | Cell 25          | 09/27/12 12:30 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
| 1210021-06C | Cell 25          | 09/27/12 12:30 PM | Soil   | E300        | Anion Prep                     | 10/08/12 02:30 PM | 54158    |
|             | Cell 25          | 09/27/12 12:30 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 10/05/12 06:54 AM | 54115    |
| 1210021-07A | Cell 26          | 09/27/12 01:00 PM | Soil   | SW5030A     | Purge and Trap Soils GC        | 10/03/12 10:54 AM | 54092    |
|             | Cell 26          | 09/27/12 01:00 PM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 10/05/12 10:12 AM | 54128    |

**Lab Order:** 1210021  
**Client:** Larson & Associates  
**Project:** Chevron Landfarm

**PREP DATES REPORT**

| Sample ID   | Client Sample ID | Collection Date   | Matrix | Test Number | Test Name                      | Prep Date         | Batch ID |
|-------------|------------------|-------------------|--------|-------------|--------------------------------|-------------------|----------|
| 1210021-07A | Cell 26          | 09/27/12 01:00 PM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 10/09/12 11:30 AM | 54177    |
| 1210021-07B | Cell 26          | 09/27/12 01:00 PM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 10/04/12 09:00 AM | 54096    |
|             | Cell 26          | 09/27/12 01:00 PM | Soil   | D2216       | Moisture Preparation           | 10/04/12          | 54113    |
|             | Cell 26          | 09/27/12 01:00 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
|             | Cell 26          | 09/27/12 01:00 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
| 1210021-07C | Cell 26          | 09/27/12 01:00 PM | Soil   | E300        | Anion Prep                     | 10/08/12 02:30 PM | 54158    |
|             | Cell 26          | 09/27/12 01:00 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 10/05/12 06:54 AM | 54115    |
| 1210021-08A | Cell 17 Treat    | 09/27/12 10:00 AM | Soil   | SW5030A     | Purge and Trap Soils GC        | 10/03/12 10:54 AM | 54092    |
|             | Cell 17 Treat    | 09/27/12 10:00 AM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 10/05/12 10:12 AM | 54128    |
|             | Cell 17 Treat    | 09/27/12 10:00 AM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 10/09/12 11:30 AM | 54177    |
| 1210021-08B | Cell 17 Treat    | 09/27/12 10:00 AM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 10/04/12 09:00 AM | 54096    |
|             | Cell 17 Treat    | 09/27/12 10:00 AM | Soil   | D2216       | Moisture Preparation           | 10/04/12          | 54113    |
|             | Cell 17 Treat    | 09/27/12 10:00 AM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
|             | Cell 17 Treat    | 09/27/12 10:00 AM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
| 1210021-08C | Cell 17 Treat    | 09/27/12 10:00 AM | Soil   | E300        | Anion Prep                     | 10/08/12 02:30 PM | 54158    |
|             | Cell 17 Treat    | 09/27/12 10:00 AM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 10/05/12 06:54 AM | 54115    |
| 1210021-09A | Cell 18 Treat    | 09/27/12 10:30 AM | Soil   | SW5030A     | Purge and Trap Soils GC        | 10/03/12 12:37 PM | 54095    |
|             | Cell 18 Treat    | 09/27/12 10:30 AM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 10/05/12 11:17 AM | 54133    |
|             | Cell 18 Treat    | 09/27/12 10:30 AM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 10/09/12 11:30 AM | 54177    |
| 1210021-09B | Cell 18 Treat    | 09/27/12 10:30 AM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 10/04/12 09:00 AM | 54096    |
|             | Cell 18 Treat    | 09/27/12 10:30 AM | Soil   | D2216       | Moisture Preparation           | 10/04/12          | 54113    |
|             | Cell 18 Treat    | 09/27/12 10:30 AM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
|             | Cell 18 Treat    | 09/27/12 10:30 AM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
| 1210021-09C | Cell 18 Treat    | 09/27/12 10:30 AM | Soil   | E300        | Anion Prep                     | 10/08/12 02:30 PM | 54158    |
|             | Cell 18 Treat    | 09/27/12 10:30 AM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 10/05/12 06:54 AM | 54115    |
| 1210021-10A | Cell 19 Treat    | 09/27/12 11:00 AM | Soil   | SW5030A     | Purge and Trap Soils GC        | 10/03/12 12:37 PM | 54095    |
|             | Cell 19 Treat    | 09/27/12 11:00 AM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 10/05/12 11:17 AM | 54133    |
|             | Cell 19 Treat    | 09/27/12 11:00 AM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 10/09/12 11:30 AM | 54177    |

**Lab Order:** 1210021  
**Client:** Larson & Associates  
**Project:** Chevron Landfarm

**PREP DATES REPORT**

| Sample ID   | Client Sample ID | Collection Date   | Matrix | Test Number | Test Name                      | Prep Date         | Batch ID |
|-------------|------------------|-------------------|--------|-------------|--------------------------------|-------------------|----------|
| 1210021-10B | Cell 19 Treat    | 09/27/12 11:00 AM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 10/04/12 09:00 AM | 54096    |
|             | Cell 19 Treat    | 09/27/12 11:00 AM | Soil   | D2216       | Moisture Preparation           | 10/04/12          | 54113    |
|             | Cell 19 Treat    | 09/27/12 11:00 AM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
|             | Cell 19 Treat    | 09/27/12 11:00 AM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
| 1210021-10C | Cell 19 Treat    | 09/27/12 11:00 AM | Soil   | E300        | Anion Prep                     | 10/08/12 02:30 PM | 54158    |
|             | Cell 19 Treat    | 09/27/12 11:00 AM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 10/05/12 06:54 AM | 54115    |
| 1210021-11A | Cell 20 Treat    | 09/27/12 11:30 AM | Soil   | SW5030A     | Purge and Trap Soils GC        | 10/03/12 12:37 PM | 54095    |
|             | Cell 20 Treat    | 09/27/12 11:30 AM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 10/05/12 11:17 AM | 54133    |
|             | Cell 20 Treat    | 09/27/12 11:30 AM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 10/09/12 11:30 AM | 54177    |
| 1210021-11B | Cell 20 Treat    | 09/27/12 11:30 AM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 10/04/12 09:00 AM | 54096    |
|             | Cell 20 Treat    | 09/27/12 11:30 AM | Soil   | D2216       | Moisture Preparation           | 10/04/12          | 54113    |
|             | Cell 20 Treat    | 09/27/12 11:30 AM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
|             | Cell 20 Treat    | 09/27/12 11:30 AM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
| 1210021-11C | Cell 20 Treat    | 09/27/12 11:30 AM | Soil   | E300        | Anion Prep                     | 10/08/12 02:30 PM | 54158    |
|             | Cell 20 Treat    | 09/27/12 11:30 AM | Soil   | E300        | Anion Prep                     | 10/08/12 02:30 PM | 54158    |
|             | Cell 20 Treat    | 09/27/12 11:30 AM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 10/05/12 06:54 AM | 54115    |
|             | Cell 20 Treat    | 09/27/12 11:30 AM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 10/05/12 06:54 AM | 54115    |
| 1210021-12A | Cell 21 Treat    | 09/27/12 12:00 PM | Soil   | SW5030A     | Purge and Trap Soils GC        | 10/03/12 12:37 PM | 54095    |
|             | Cell 21 Treat    | 09/27/12 12:00 PM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 10/05/12 11:17 AM | 54133    |
|             | Cell 21 Treat    | 09/27/12 12:00 PM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 10/09/12 11:30 AM | 54177    |
| 1210021-12B | Cell 21 Treat    | 09/27/12 12:00 PM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 10/04/12 09:00 AM | 54096    |
|             | Cell 21 Treat    | 09/27/12 12:00 PM | Soil   | D2216       | Moisture Preparation           | 10/04/12          | 54113    |
|             | Cell 21 Treat    | 09/27/12 12:00 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
|             | Cell 21 Treat    | 09/27/12 12:00 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
| 1210021-12C | Cell 21 Treat    | 09/27/12 12:00 PM | Soil   | E300        | Anion Prep                     | 10/08/12 02:30 PM | 54158    |
|             | Cell 21 Treat    | 09/27/12 12:00 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 10/05/12 06:54 AM | 54115    |
| 1210021-13A | Cell 25 Treat    | 09/27/12 12:30 PM | Soil   | SW5030A     | Purge and Trap Soils GC        | 10/03/12 12:37 PM | 54095    |
|             | Cell 25 Treat    | 09/27/12 12:30 PM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 10/05/12 11:17 AM | 54133    |

**Lab Order:** 1210021  
**Client:** Larson & Associates  
**Project:** Chevron Landfarm

**PREP DATES REPORT**

| Sample ID   | Client Sample ID | Collection Date   | Matrix | Test Number | Test Name                      | Prep Date         | Batch ID |
|-------------|------------------|-------------------|--------|-------------|--------------------------------|-------------------|----------|
| 1210021-13A | Cell 25 Treat    | 09/27/12 12:30 PM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 10/09/12 11:30 AM | 54177    |
| 1210021-13B | Cell 25 Treat    | 09/27/12 12:30 PM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 10/04/12 09:00 AM | 54096    |
|             | Cell 25 Treat    | 09/27/12 12:30 PM | Soil   | D2216       | Moisture Preparation           | 10/04/12          | 54113    |
|             | Cell 25 Treat    | 09/27/12 12:30 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
|             | Cell 25 Treat    | 09/27/12 12:30 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
| 1210021-13C | Cell 25 Treat    | 09/27/12 12:30 PM | Soil   | E300        | Anion Prep                     | 10/08/12 02:30 PM | 54158    |
|             | Cell 25 Treat    | 09/27/12 12:30 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 10/05/12 06:54 AM | 54115    |
| 1210021-14A | Cell 26 Treat    | 09/27/12 01:00 PM | Soil   | SW5030A     | Purge and Trap Soils GC        | 10/03/12 12:37 PM | 54095    |
|             | Cell 26 Treat    | 09/27/12 01:00 PM | Soil   | SW5030A     | Purge and Trap Soils GC- Gas   | 10/05/12 11:17 AM | 54133    |
|             | Cell 26 Treat    | 09/27/12 01:00 PM | Soil   | SW3550B     | Soil Prep Sonication: TRPH     | 10/09/12 11:30 AM | 54177    |
| 1210021-14B | Cell 26 Treat    | 09/27/12 01:00 PM | Soil   | SW7471A     | Mercury Soil Prep, Total       | 10/04/12 09:00 AM | 54096    |
|             | Cell 26 Treat    | 09/27/12 01:00 PM | Soil   | D2216       | Moisture Preparation           | 10/04/12          | 54113    |
|             | Cell 26 Treat    | 09/27/12 01:00 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
|             | Cell 26 Treat    | 09/27/12 01:00 PM | Soil   | SW3050B     | Soil Prep Total Metals: ICP-MS | 10/04/12 09:00 AM | 54094    |
| 1210021-14C | Cell 26 Treat    | 09/27/12 01:00 PM | Soil   | E300        | Anion Prep                     | 10/08/12 02:30 PM | 54158    |
|             | Cell 26 Treat    | 09/27/12 01:00 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 10/05/12 06:54 AM | 54115    |
|             | Cell 26 Treat    | 09/27/12 01:00 PM | Soil   | SW3550C     | Soil Prep Sonication: DRO      | 10/05/12 06:54 AM | 54115    |

**Lab Order:** 1210021  
**Client:** Larson & Associates  
**Project:** Chevron Landfarm

**ANALYTICAL DATES REPORT**

| Sample ID   | Client Sample ID | Matrix | Test Number | Test Name                    | Batch ID | Dilution | Analysis Date     | Run ID           |
|-------------|------------------|--------|-------------|------------------------------|----------|----------|-------------------|------------------|
| 1210021-01A | Cell 17          | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 54128    | 1        | 10/05/12 06:51 PM | GC4_121005A      |
|             | Cell 17          | Soil   | E418.1      | TRPH                         | 54177    | 1        | 10/09/12 01:00 PM | IR207_121009A    |
|             | Cell 17          | Soil   | SW8021B     | Volatile Organics by GC      | 54092    | 1        | 10/03/12 07:04 PM | GC4_121003A      |
| 1210021-01B | Cell 17          | Soil   | D2216       | Percent Moisture             | 54113    | 1        | 10/05/12 09:10 AM | PMOIST_121004B   |
|             | Cell 17          | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 54096    | 1        | 10/09/12 03:08 PM | CETAC_HG_121009A |
|             | Cell 17          | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 5        | 10/08/12 04:02 PM | ICP-MS2_121008A  |
|             | Cell 17          | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 50       | 10/09/12 12:54 PM | ICP-MS2_121009A  |
| 1210021-01C | Cell 17          | Soil   | E300        | Anions by IC method - Soil   | 54158    | 1        | 10/09/12 09:47 AM | IC_121009A       |
|             | Cell 17          | Soil   | M8015D      | TPH Extractable by GC - Soil | 54115    | 1        | 10/09/12 04:50 PM | GC15_121009A     |
| 1210021-02A | Cell 18          | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 54128    | 1        | 10/05/12 07:16 PM | GC4_121005A      |
|             | Cell 18          | Soil   | E418.1      | TRPH                         | 54177    | 1        | 10/09/12 01:00 PM | IR207_121009A    |
|             | Cell 18          | Soil   | SW8021B     | Volatile Organics by GC      | 54092    | 1        | 10/03/12 07:28 PM | GC4_121003A      |
| 1210021-02B | Cell 18          | Soil   | D2216       | Percent Moisture             | 54113    | 1        | 10/05/12 09:10 AM | PMOIST_121004B   |
|             | Cell 18          | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 54096    | 1        | 10/09/12 03:10 PM | CETAC_HG_121009A |
|             | Cell 18          | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 50       | 10/09/12 01:00 PM | ICP-MS2_121009A  |
|             | Cell 18          | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 5        | 10/08/12 04:08 PM | ICP-MS2_121008A  |
| 1210021-02C | Cell 18          | Soil   | E300        | Anions by IC method - Soil   | 54158    | 1        | 10/09/12 10:39 AM | IC_121009A       |
|             | Cell 18          | Soil   | M8015D      | TPH Extractable by GC - Soil | 54115    | 1        | 10/09/12 04:59 PM | GC15_121009A     |
| 1210021-03A | Cell 19          | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 54128    | 1        | 10/05/12 07:41 PM | GC4_121005A      |
|             | Cell 19          | Soil   | E418.1      | TRPH                         | 54177    | 1        | 10/09/12 01:00 PM | IR207_121009A    |
|             | Cell 19          | Soil   | SW8021B     | Volatile Organics by GC      | 54092    | 1        | 10/03/12 07:54 PM | GC4_121003A      |
| 1210021-03B | Cell 19          | Soil   | D2216       | Percent Moisture             | 54113    | 1        | 10/05/12 09:10 AM | PMOIST_121004B   |
|             | Cell 19          | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 54096    | 1        | 10/09/12 03:12 PM | CETAC_HG_121009A |
|             | Cell 19          | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 5        | 10/08/12 04:14 PM | ICP-MS2_121008A  |
|             | Cell 19          | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 50       | 10/09/12 01:06 PM | ICP-MS2_121009A  |
| 1210021-03C | Cell 19          | Soil   | E300        | Anions by IC method - Soil   | 54158    | 1        | 10/09/12 10:51 AM | IC_121009A       |
|             | Cell 19          | Soil   | M8015D      | TPH Extractable by GC - Soil | 54115    | 1        | 10/09/12 05:07 PM | GC15_121009A     |
| 1210021-04A | Cell 20          | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 54128    | 1        | 10/05/12 08:07 PM | GC4_121005A      |

**Lab Order:** 1210021  
**Client:** Larson & Associates  
**Project:** Chevron Landfarm

**ANALYTICAL DATES REPORT**

| Sample ID   | Client Sample ID | Matrix | Test Number | Test Name                    | Batch ID | Dilution | Analysis Date     | Run ID           |
|-------------|------------------|--------|-------------|------------------------------|----------|----------|-------------------|------------------|
| 1210021-04A | Cell 20          | Soil   | E418.1      | TRPH                         | 54177    | 1        | 10/09/12 01:00 PM | IR207_121009A    |
|             | Cell 20          | Soil   | SW8021B     | Volatile Organics by GC      | 54092    | 1        | 10/03/12 08:21 PM | GC4_121003A      |
| 1210021-04B | Cell 20          | Soil   | D2216       | Percent Moisture             | 54113    | 1        | 10/05/12 09:10 AM | PMOIST_121004B   |
|             | Cell 20          | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 54096    | 1        | 10/09/12 03:18 PM | CETAC_HG_121009A |
|             | Cell 20          | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 50       | 10/09/12 01:12 PM | ICP-MS2_121009A  |
|             | Cell 20          | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 5        | 10/08/12 04:19 PM | ICP-MS2_121008A  |
| 1210021-04C | Cell 20          | Soil   | E300        | Anions by IC method - Soil   | 54158    | 1        | 10/09/12 11:02 AM | IC_121009A       |
|             | Cell 20          | Soil   | M8015D      | TPH Extractable by GC - Soil | 54115    | 1        | 10/09/12 05:16 PM | GC15_121009A     |
| 1210021-05A | Cell 21          | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 54128    | 1        | 10/05/12 08:32 PM | GC4_121005A      |
|             | Cell 21          | Soil   | E418.1      | TRPH                         | 54177    | 1        | 10/09/12 01:00 PM | IR207_121009A    |
|             | Cell 21          | Soil   | SW8021B     | Volatile Organics by GC      | 54092    | 1        | 10/03/12 08:46 PM | GC4_121003A      |
|             | Cell 21          | Soil   | D2216       | Percent Moisture             | 54113    | 1        | 10/05/12 09:10 AM | PMOIST_121004B   |
| 1210021-05B | Cell 21          | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 54096    | 1        | 10/09/12 03:20 PM | CETAC_HG_121009A |
|             | Cell 21          | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 50       | 10/09/12 01:18 PM | ICP-MS2_121009A  |
|             | Cell 21          | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 5        | 10/08/12 04:26 PM | ICP-MS2_121008A  |
|             | Cell 21          | Soil   | E300        | Anions by IC method - Soil   | 54158    | 1        | 10/09/12 11:14 AM | IC_121009A       |
| 1210021-05C | Cell 21          | Soil   | M8015D      | TPH Extractable by GC - Soil | 54115    | 1        | 10/09/12 05:24 PM | GC15_121009A     |
|             | Cell 21          | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 54128    | 1        | 10/05/12 08:58 PM | GC4_121005A      |
| 1210021-06A | Cell 25          | Soil   | E418.1      | TRPH                         | 54177    | 1        | 10/09/12 01:00 PM | IR207_121009A    |
|             | Cell 25          | Soil   | SW8021B     | Volatile Organics by GC      | 54092    | 1        | 10/03/12 09:11 PM | GC4_121003A      |
| 1210021-06B | Cell 25          | Soil   | D2216       | Percent Moisture             | 54113    | 1        | 10/05/12 09:10 AM | PMOIST_121004B   |
|             | Cell 25          | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 54096    | 1        | 10/09/12 03:22 PM | CETAC_HG_121009A |
|             | Cell 25          | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 5        | 10/08/12 04:32 PM | ICP-MS2_121008A  |
|             | Cell 25          | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 50       | 10/09/12 01:24 PM | ICP-MS2_121009A  |
| 1210021-06C | Cell 25          | Soil   | E300        | Anions by IC method - Soil   | 54158    | 1        | 10/09/12 11:40 AM | IC_121009A       |
|             | Cell 25          | Soil   | M8015D      | TPH Extractable by GC - Soil | 54115    | 1        | 10/09/12 05:33 PM | GC15_121009A     |
| 1210021-07A | Cell 26          | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 54128    | 1        | 10/05/12 09:24 PM | GC4_121005A      |
|             | Cell 26          | Soil   | E418.1      | TRPH                         | 54177    | 1        | 10/09/12 01:00 PM | IR207_121009A    |

**Lab Order:** 1210021  
**Client:** Larson & Associates  
**Project:** Chevron Landfarm

**ANALYTICAL DATES REPORT**

| Sample ID   | Client Sample ID | Matrix | Test Number | Test Name                    | Batch ID | Dilution | Analysis Date     | Run ID           |
|-------------|------------------|--------|-------------|------------------------------|----------|----------|-------------------|------------------|
| 1210021-07A | Cell 26          | Soil   | SW8021B     | Volatile Organics by GC      | 54092    | 1        | 10/03/12 09:37 PM | GC4_121003A      |
| 1210021-07B | Cell 26          | Soil   | D2216       | Percent Moisture             | 54113    | 1        | 10/05/12 09:10 AM | PMOIST_121004B   |
|             | Cell 26          | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 54096    | 1        | 10/09/12 03:24 PM | CETAC_HG_121009A |
|             | Cell 26          | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 5        | 10/08/12 04:38 PM | ICP-MS2_121008A  |
|             | Cell 26          | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 50       | 10/09/12 01:30 PM | ICP-MS2_121009A  |
| 1210021-07C | Cell 26          | Soil   | E300        | Anions by IC method - Soil   | 54158    | 1        | 10/09/12 11:52 AM | IC_121009A       |
|             | Cell 26          | Soil   | M8015D      | TPH Extractable by GC - Soil | 54115    | 1        | 10/09/12 05:41 PM | GC15_121009A     |
| 1210021-08A | Cell 17 Treat    | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 54128    | 1        | 10/05/12 09:49 PM | GC4_121005A      |
|             | Cell 17 Treat    | Soil   | E418.1      | TRPH                         | 54177    | 1        | 10/09/12 01:00 PM | IR207_121009A    |
|             | Cell 17 Treat    | Soil   | SW8021B     | Volatile Organics by GC      | 54092    | 1        | 10/03/12 10:03 PM | GC4_121003A      |
| 1210021-08B | Cell 17 Treat    | Soil   | D2216       | Percent Moisture             | 54113    | 1        | 10/05/12 09:10 AM | PMOIST_121004B   |
|             | Cell 17 Treat    | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 54096    | 1        | 10/09/12 03:27 PM | CETAC_HG_121009A |
|             | Cell 17 Treat    | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 5        | 10/08/12 04:44 PM | ICP-MS2_121008A  |
|             | Cell 17 Treat    | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 50       | 10/09/12 01:35 PM | ICP-MS2_121009A  |
| 1210021-08C | Cell 17 Treat    | Soil   | E300        | Anions by IC method - Soil   | 54158    | 1        | 10/09/12 12:04 PM | IC_121009A       |
|             | Cell 17 Treat    | Soil   | M8015D      | TPH Extractable by GC - Soil | 54115    | 1        | 10/09/12 05:50 PM | GC15_121009A     |
| 1210021-09A | Cell 18 Treat    | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 54133    | 1        | 10/06/12 12:48 AM | GC4_121005B      |
|             | Cell 18 Treat    | Soil   | E418.1      | TRPH                         | 54177    | 1        | 10/09/12 01:00 PM | IR207_121009A    |
|             | Cell 18 Treat    | Soil   | SW8021B     | Volatile Organics by GC      | 54095    | 1        | 10/04/12 01:01 AM | GC4_121003A      |
| 1210021-09B | Cell 18 Treat    | Soil   | D2216       | Percent Moisture             | 54113    | 1        | 10/05/12 09:10 AM | PMOIST_121004B   |
|             | Cell 18 Treat    | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 54096    | 1        | 10/09/12 03:29 PM | CETAC_HG_121009A |
|             | Cell 18 Treat    | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 5        | 10/08/12 04:50 PM | ICP-MS2_121008A  |
|             | Cell 18 Treat    | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 50       | 10/09/12 01:41 PM | ICP-MS2_121009A  |
| 1210021-09C | Cell 18 Treat    | Soil   | E300        | Anions by IC method - Soil   | 54158    | 1        | 10/09/12 12:15 PM | IC_121009A       |
|             | Cell 18 Treat    | Soil   | M8015D      | TPH Extractable by GC - Soil | 54115    | 1        | 10/09/12 07:14 PM | GC15_121009A     |
| 1210021-10A | Cell 19 Treat    | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 54133    | 1        | 10/06/12 01:13 AM | GC4_121005B      |
|             | Cell 19 Treat    | Soil   | E418.1      | TRPH                         | 54177    | 1        | 10/09/12 01:00 PM | IR207_121009A    |
|             | Cell 19 Treat    | Soil   | SW8021B     | Volatile Organics by GC      | 54095    | 1        | 10/04/12 01:27 AM | GC4_121003A      |

**Lab Order:** 1210021  
**Client:** Larson & Associates  
**Project:** Chevron Landfarm

**ANALYTICAL DATES REPORT**

| Sample ID   | Client Sample ID | Matrix | Test Number | Test Name                    | Batch ID | Dilution | Analysis Date     | Run ID           |
|-------------|------------------|--------|-------------|------------------------------|----------|----------|-------------------|------------------|
| 1210021-10B | Cell 19 Treat    | Soil   | D2216       | Percent Moisture             | 54113    | 1        | 10/05/12 09:10 AM | PMOIST_121004B   |
|             | Cell 19 Treat    | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 54096    | 1        | 10/09/12 03:31 PM | CETAC_HG_121009A |
|             | Cell 19 Treat    | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 50       | 10/09/12 07:43 PM | ICP-MS2_121009A  |
|             | Cell 19 Treat    | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 5        | 10/08/12 06:04 PM | ICP-MS2_121008A  |
| 1210021-10C | Cell 19 Treat    | Soil   | E300        | Anions by IC method - Soil   | 54158    | 1        | 10/09/12 12:27 PM | IC_121009A       |
|             | Cell 19 Treat    | Soil   | M8015D      | TPH Extractable by GC - Soil | 54115    | 1        | 10/09/12 07:06 PM | GC15_121009A     |
| 1210021-11A | Cell 20 Treat    | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 54133    | 1        | 10/06/12 01:39 AM | GC4_121005B      |
|             | Cell 20 Treat    | Soil   | E418.1      | TRPH                         | 54177    | 1        | 10/09/12 01:00 PM | IR207_121009A    |
|             | Cell 20 Treat    | Soil   | SW8021B     | Volatile Organics by GC      | 54095    | 1        | 10/04/12 01:53 AM | GC4_121003A      |
| 1210021-11B | Cell 20 Treat    | Soil   | D2216       | Percent Moisture             | 54113    | 1        | 10/05/12 09:10 AM | PMOIST_121004B   |
|             | Cell 20 Treat    | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 54096    | 1        | 10/09/12 03:33 PM | CETAC_HG_121009A |
|             | Cell 20 Treat    | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 5        | 10/08/12 06:10 PM | ICP-MS2_121008A  |
|             | Cell 20 Treat    | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 50       | 10/09/12 07:49 PM | ICP-MS2_121009A  |
| 1210021-11C | Cell 20 Treat    | Soil   | E300        | Anions by IC method - Soil   | 54158    | 1        | 10/09/12 12:39 PM | IC_121009A       |
|             | Cell 20 Treat    | Soil   | E300        | Anions by IC method - Soil   | 54158    | 10       | 10/09/12 03:06 PM | IC_121009A       |
|             | Cell 20 Treat    | Soil   | M8015D      | TPH Extractable by GC - Soil | 54115    | 1        | 10/09/12 07:31 PM | GC15_121009A     |
|             | Cell 20 Treat    | Soil   | M8015D      | TPH Extractable by GC - Soil | 54115    | 10       | 10/09/12 08:47 PM | GC15_121009A     |
| 1210021-12A | Cell 21 Treat    | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 54133    | 1        | 10/06/12 02:05 AM | GC4_121005B      |
|             | Cell 21 Treat    | Soil   | E418.1      | TRPH                         | 54177    | 1        | 10/09/12 01:00 PM | IR207_121009A    |
|             | Cell 21 Treat    | Soil   | SW8021B     | Volatile Organics by GC      | 54095    | 1        | 10/04/12 02:19 AM | GC4_121003A      |
| 1210021-12B | Cell 21 Treat    | Soil   | D2216       | Percent Moisture             | 54113    | 1        | 10/05/12 09:10 AM | PMOIST_121004B   |
|             | Cell 21 Treat    | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 54096    | 1        | 10/09/12 03:35 PM | CETAC_HG_121009A |
|             | Cell 21 Treat    | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 5        | 10/08/12 06:16 PM | ICP-MS2_121008A  |
|             | Cell 21 Treat    | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 50       | 10/09/12 07:55 PM | ICP-MS2_121009A  |
| 1210021-12C | Cell 21 Treat    | Soil   | E300        | Anions by IC method - Soil   | 54158    | 1        | 10/09/12 12:50 PM | IC_121009A       |
|             | Cell 21 Treat    | Soil   | M8015D      | TPH Extractable by GC - Soil | 54115    | 1        | 10/09/12 06:49 PM | GC15_121009A     |
| 1210021-13A | Cell 25 Treat    | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 54133    | 1        | 10/06/12 02:30 AM | GC4_121005B      |
|             | Cell 25 Treat    | Soil   | E418.1      | TRPH                         | 54177    | 1        | 10/09/12 01:00 PM | IR207_121009A    |

**Lab Order:** 1210021  
**Client:** Larson & Associates  
**Project:** Chevron Landfarm

**ANALYTICAL DATES REPORT**

| Sample ID   | Client Sample ID | Matrix | Test Number | Test Name                    | Batch ID | Dilution | Analysis Date     | Run ID           |
|-------------|------------------|--------|-------------|------------------------------|----------|----------|-------------------|------------------|
| 1210021-13A | Cell 25 Treat    | Soil   | SW8021B     | Volatile Organics by GC      | 54095    | 1        | 10/04/12 02:44 AM | GC4_121003A      |
| 1210021-13B | Cell 25 Treat    | Soil   | D2216       | Percent Moisture             | 54113    | 1        | 10/05/12 09:10 AM | PMOIST_121004B   |
|             | Cell 25 Treat    | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 54096    | 1        | 10/09/12 03:37 PM | CETAC_HG_121009A |
|             | Cell 25 Treat    | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 5        | 10/08/12 06:22 PM | ICP-MS2_121008A  |
|             | Cell 25 Treat    | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 50       | 10/09/12 08:01 PM | ICP-MS2_121009A  |
| 1210021-13C | Cell 25 Treat    | Soil   | E300        | Anions by IC method - Soil   | 54158    | 1        | 10/09/12 01:15 PM | IC_121009A       |
|             | Cell 25 Treat    | Soil   | M8015D      | TPH Extractable by GC - Soil | 54115    | 1        | 10/09/12 05:58 PM | GC15_121009A     |
| 1210021-14A | Cell 26 Treat    | Soil   | M8015V      | TPH Purgeable by GC - Soil   | 54133    | 1        | 10/06/12 02:55 AM | GC4_121005B      |
|             | Cell 26 Treat    | Soil   | E418.1      | TRPH                         | 54177    | 10       | 10/09/12 01:00 PM | IR207_121009A    |
|             | Cell 26 Treat    | Soil   | SW8021B     | Volatile Organics by GC      | 54095    | 1        | 10/04/12 03:09 AM | GC4_121003A      |
| 1210021-14B | Cell 26 Treat    | Soil   | D2216       | Percent Moisture             | 54113    | 1        | 10/05/12 09:10 AM | PMOIST_121004B   |
|             | Cell 26 Treat    | Soil   | SW7471B     | Total Mercury: Soil/Solid    | 54096    | 1        | 10/09/12 02:41 PM | CETAC_HG_121009A |
|             | Cell 26 Treat    | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 5        | 10/08/12 03:50 PM | ICP-MS2_121008A  |
|             | Cell 26 Treat    | Soil   | SW6020A     | Trace Metals: ICP-MS - Solid | 54094    | 50       | 10/09/12 12:42 PM | ICP-MS2_121009A  |
| 1210021-14C | Cell 26 Treat    | Soil   | E300        | Anions by IC method - Soil   | 54158    | 1        | 10/09/12 01:27 PM | IC_121009A       |
|             | Cell 26 Treat    | Soil   | M8015D      | TPH Extractable by GC - Soil | 54115    | 10       | 10/09/12 09:04 PM | GC15_121009A     |
|             | Cell 26 Treat    | Soil   | M8015D      | TPH Extractable by GC - Soil | 54115    | 1        | 10/09/12 08:05 PM | GC15_121009A     |

**DHL Analytical, Inc.**

Date: 11-Oct-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1210021

**Client Sample ID:** Cell 17  
**Lab ID:** 1210021-01  
**Collection Date:** 09/27/12 10:00 AM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | ND     | 10.9           | 10.9    |      | mg/Kg-dry | 1  | 10/09/12 04:50 PM   |
| Surr: Isopropylbenzene              | 82.2   | 0              | 47-142  |      | %REC      | 1  | 10/09/12 04:50 PM   |
| Surr: Octacosane                    | 122    | 0              | 25-162  |      | %REC      | 1  | 10/09/12 04:50 PM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.104          | 0.209   |      | mg/Kg-dry | 1  | 10/05/12 06:51 PM   |
| Surr: Tetrachlorethene              | 107    | 0              | 70-134  |      | %REC      | 1  | 10/05/12 06:51 PM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00312        | 0.00520 |      | mg/Kg-dry | 1  | 10/03/12 07:04 PM   |
| Ethylbenzene                        | ND     | 0.00520        | 0.0156  |      | mg/Kg-dry | 1  | 10/03/12 07:04 PM   |
| Toluene                             | ND     | 0.00520        | 0.0156  |      | mg/Kg-dry | 1  | 10/03/12 07:04 PM   |
| Xylenes, Total                      | ND     | 0.00520        | 0.0156  |      | mg/Kg-dry | 1  | 10/03/12 07:04 PM   |
| Surr: Tetrachloroethene             | 108    | 0              | 79-135  |      | %REC      | 1  | 10/03/12 07:04 PM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0151         | 0.0377  |      | mg/Kg-dry | 1  | 10/09/12 03:08 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020A</b> |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 3.28   | 0.550          | 1.10    |      | mg/Kg-dry | 5  | 10/08/12 04:02 PM   |
| Barium                              | 158    | 0.550          | 2.20    |      | mg/Kg-dry | 5  | 10/08/12 04:02 PM   |
| Cadmium                             | 0.119  | 0.110          | 0.330   | J    | mg/Kg-dry | 5  | 10/08/12 04:02 PM   |
| Chromium                            | 4.20   | 0.550          | 2.20    |      | mg/Kg-dry | 5  | 10/08/12 04:02 PM   |
| Copper                              | 3.68   | 0.550          | 2.20    |      | mg/Kg-dry | 5  | 10/08/12 04:02 PM   |
| Iron                                | 3160   | 137            | 137     |      | mg/Kg-dry | 50 | 10/09/12 12:54 PM   |
| Lead                                | 1.98   | 0.110          | 0.330   |      | mg/Kg-dry | 5  | 10/08/12 04:02 PM   |
| Manganese                           | 32.6   | 0.550          | 2.20    |      | mg/Kg-dry | 5  | 10/08/12 04:02 PM   |
| Selenium                            | 0.444  | 0.165          | 0.550   | J    | mg/Kg-dry | 5  | 10/08/12 04:02 PM   |
| Silver                              | ND     | 0.110          | 0.220   |      | mg/Kg-dry | 5  | 10/08/12 04:02 PM   |
| Zinc                                | 7.77   | 1.10           | 2.75    |      | mg/Kg-dry | 5  | 10/08/12 04:02 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Petroleum Hydrocarbons, TR          | 7.62   | 5.54           | 11.1    | JN   | mg/Kg-dry | 1  | 10/09/12 01:00 PM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | 12.2   | 5.46           | 5.46    |      | mg/Kg-dry | 1  | 10/09/12 09:47 AM   |
| Sulfate                             | 94.2   | 10.9           | 10.9    |      | mg/Kg-dry | 1  | 10/09/12 09:47 AM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>MK</b>  |
| Percent Moisture                    | 9.91   | 0              | 0       |      | WT%       | 1  | 10/05/12 09:10 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

**DHL Analytical, Inc.**

Date: 11-Oct-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1210021

**Client Sample ID:** Cell 18  
**Lab ID:** 1210021-02  
**Collection Date:** 09/27/12 10:30 AM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | 11.1   | 10.6           | 10.6    |      | mg/Kg-dry | 1  | 10/09/12 04:59 PM   |
| Surr: Isopropylbenzene              | 67.7   | 0              | 47-142  |      | %REC      | 1  | 10/09/12 04:59 PM   |
| Surr: Octacosane                    | 105    | 0              | 25-162  |      | %REC      | 1  | 10/09/12 04:59 PM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.0963         | 0.193   |      | mg/Kg-dry | 1  | 10/05/12 07:16 PM   |
| Surr: Tetrachlorethene              | 110    | 0              | 70-134  |      | %REC      | 1  | 10/05/12 07:16 PM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00272        | 0.00453 |      | mg/Kg-dry | 1  | 10/03/12 07:28 PM   |
| Ethylbenzene                        | ND     | 0.00453        | 0.0136  |      | mg/Kg-dry | 1  | 10/03/12 07:28 PM   |
| Toluene                             | ND     | 0.00453        | 0.0136  |      | mg/Kg-dry | 1  | 10/03/12 07:28 PM   |
| Xylenes, Total                      | ND     | 0.00453        | 0.0136  |      | mg/Kg-dry | 1  | 10/03/12 07:28 PM   |
| Surr: Tetrachloroethene             | 109    | 0              | 79-135  |      | %REC      | 1  | 10/03/12 07:28 PM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0165         | 0.0413  |      | mg/Kg-dry | 1  | 10/09/12 03:10 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020A</b> |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 2.81   | 0.502          | 1.00    |      | mg/Kg-dry | 5  | 10/08/12 04:08 PM   |
| Barium                              | 139    | 0.502          | 2.01    |      | mg/Kg-dry | 5  | 10/08/12 04:08 PM   |
| Cadmium                             | 0.105  | 0.100          | 0.301   | J    | mg/Kg-dry | 5  | 10/08/12 04:08 PM   |
| Chromium                            | 4.63   | 0.502          | 2.01    |      | mg/Kg-dry | 5  | 10/08/12 04:08 PM   |
| Copper                              | 2.09   | 0.502          | 2.01    |      | mg/Kg-dry | 5  | 10/08/12 04:08 PM   |
| Iron                                | 3480   | 126            | 126     |      | mg/Kg-dry | 50 | 10/09/12 01:00 PM   |
| Lead                                | 2.42   | 0.100          | 0.301   |      | mg/Kg-dry | 5  | 10/08/12 04:08 PM   |
| Manganese                           | 31.2   | 0.502          | 2.01    |      | mg/Kg-dry | 5  | 10/08/12 04:08 PM   |
| Selenium                            | 0.449  | 0.151          | 0.502   | J    | mg/Kg-dry | 5  | 10/08/12 04:08 PM   |
| Silver                              | ND     | 0.100          | 0.201   |      | mg/Kg-dry | 5  | 10/08/12 04:08 PM   |
| Zinc                                | 8.06   | 1.00           | 2.51    |      | mg/Kg-dry | 5  | 10/08/12 04:08 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Petroleum Hydrocarbons, TR          | ND     | 5.33           | 10.7    | N    | mg/Kg-dry | 1  | 10/09/12 01:00 PM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | 188    | 5.30           | 5.30    |      | mg/Kg-dry | 1  | 10/09/12 10:39 AM   |
| Sulfate                             | 171    | 10.6           | 10.6    |      | mg/Kg-dry | 1  | 10/09/12 10:39 AM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>MK</b>  |
| Percent Moisture                    | 6.92   | 0              | 0       |      | WT%       | 1  | 10/05/12 09:10 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

**DHL Analytical, Inc.**

Date: 11-Oct-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1210021

**Client Sample ID:** Cell 19  
**Lab ID:** 1210021-03  
**Collection Date:** 09/27/12 11:00 AM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | 17.6   | 10.3           | 10.3    |      | mg/Kg-dry | 1  | 10/09/12 05:07 PM   |
| Surr: Isopropylbenzene              | 74.0   | 0              | 47-142  |      | %REC      | 1  | 10/09/12 05:07 PM   |
| Surr: Octacosane                    | 148    | 0              | 25-162  |      | %REC      | 1  | 10/09/12 05:07 PM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.104          | 0.207   |      | mg/Kg-dry | 1  | 10/05/12 07:41 PM   |
| Surr: Tetrachlorethene              | 106    | 0              | 70-134  |      | %REC      | 1  | 10/05/12 07:41 PM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00290        | 0.00484 |      | mg/Kg-dry | 1  | 10/03/12 07:54 PM   |
| Ethylbenzene                        | ND     | 0.00484        | 0.0145  |      | mg/Kg-dry | 1  | 10/03/12 07:54 PM   |
| Toluene                             | ND     | 0.00484        | 0.0145  |      | mg/Kg-dry | 1  | 10/03/12 07:54 PM   |
| Xylenes, Total                      | ND     | 0.00484        | 0.0145  |      | mg/Kg-dry | 1  | 10/03/12 07:54 PM   |
| Surr: Tetrachloroethene             | 110    | 0              | 79-135  |      | %REC      | 1  | 10/03/12 07:54 PM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0149         | 0.0373  |      | mg/Kg-dry | 1  | 10/09/12 03:12 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020A</b> |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 2.07   | 0.487          | 0.973   |      | mg/Kg-dry | 5  | 10/08/12 04:14 PM   |
| Barium                              | 305    | 0.487          | 1.95    |      | mg/Kg-dry | 5  | 10/08/12 04:14 PM   |
| Cadmium                             | 0.170  | 0.0973         | 0.292   | J    | mg/Kg-dry | 5  | 10/08/12 04:14 PM   |
| Chromium                            | 5.71   | 0.487          | 1.95    |      | mg/Kg-dry | 5  | 10/08/12 04:14 PM   |
| Copper                              | 3.52   | 0.487          | 1.95    |      | mg/Kg-dry | 5  | 10/08/12 04:14 PM   |
| Iron                                | 4430   | 122            | 122     |      | mg/Kg-dry | 50 | 10/09/12 01:06 PM   |
| Lead                                | 2.79   | 0.0973         | 0.292   |      | mg/Kg-dry | 5  | 10/08/12 04:14 PM   |
| Manganese                           | 101    | 0.487          | 1.95    |      | mg/Kg-dry | 5  | 10/08/12 04:14 PM   |
| Selenium                            | 0.746  | 0.146          | 0.487   |      | mg/Kg-dry | 5  | 10/08/12 04:14 PM   |
| Silver                              | ND     | 0.0973         | 0.195   |      | mg/Kg-dry | 5  | 10/08/12 04:14 PM   |
| Zinc                                | 10.2   | 0.973          | 2.43    |      | mg/Kg-dry | 5  | 10/08/12 04:14 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Petroleum Hydrocarbons, TR          | 6.74   | 5.39           | 10.8    | JN   | mg/Kg-dry | 1  | 10/09/12 01:00 PM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | 73.9   | 5.45           | 5.45    |      | mg/Kg-dry | 1  | 10/09/12 10:51 AM   |
| Sulfate                             | 464    | 10.9           | 10.9    |      | mg/Kg-dry | 1  | 10/09/12 10:51 AM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>MK</b>  |
| Percent Moisture                    | 8.28   | 0              | 0       |      | WT%       | 1  | 10/05/12 09:10 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

# DHL Analytical, Inc.

Date: 11-Oct-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1210021

**Client Sample ID:** Cell 20  
**Lab ID:** 1210021-04  
**Collection Date:** 09/27/12 11:30 AM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | 26.9   | 10.6           | 10.6    |      | mg/Kg-dry | 1  | 10/09/12 05:16 PM   |
| Surr: Isopropylbenzene              | 74.2   | 0              | 47-142  |      | %REC      | 1  | 10/09/12 05:16 PM   |
| Surr: Octacosane                    | 147    | 0              | 25-162  |      | %REC      | 1  | 10/09/12 05:16 PM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.108          | 0.216   |      | mg/Kg-dry | 1  | 10/05/12 08:07 PM   |
| Surr: Tetrachlorethene              | 105    | 0              | 70-134  |      | %REC      | 1  | 10/05/12 08:07 PM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00336        | 0.00560 |      | mg/Kg-dry | 1  | 10/03/12 08:21 PM   |
| Ethylbenzene                        | ND     | 0.00560        | 0.0168  |      | mg/Kg-dry | 1  | 10/03/12 08:21 PM   |
| Toluene                             | ND     | 0.00560        | 0.0168  |      | mg/Kg-dry | 1  | 10/03/12 08:21 PM   |
| Xylenes, Total                      | ND     | 0.00560        | 0.0168  |      | mg/Kg-dry | 1  | 10/03/12 08:21 PM   |
| Surr: Tetrachloroethene             | 107    | 0              | 79-135  |      | %REC      | 1  | 10/03/12 08:21 PM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0163         | 0.0407  |      | mg/Kg-dry | 1  | 10/09/12 03:18 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020A</b> |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 5.93   | 0.505          | 1.01    |      | mg/Kg-dry | 5  | 10/08/12 04:19 PM   |
| Barium                              | 406    | 0.505          | 2.02    |      | mg/Kg-dry | 5  | 10/08/12 04:19 PM   |
| Cadmium                             | 0.113  | 0.101          | 0.303   | J    | mg/Kg-dry | 5  | 10/08/12 04:19 PM   |
| Chromium                            | 4.21   | 0.505          | 2.02    |      | mg/Kg-dry | 5  | 10/08/12 04:19 PM   |
| Copper                              | 4.34   | 0.505          | 2.02    |      | mg/Kg-dry | 5  | 10/08/12 04:19 PM   |
| Iron                                | 2760   | 126            | 126     |      | mg/Kg-dry | 50 | 10/09/12 01:12 PM   |
| Lead                                | 1.46   | 0.101          | 0.303   |      | mg/Kg-dry | 5  | 10/08/12 04:19 PM   |
| Manganese                           | 33.3   | 0.505          | 2.02    |      | mg/Kg-dry | 5  | 10/08/12 04:19 PM   |
| Selenium                            | 0.496  | 0.152          | 0.505   | J    | mg/Kg-dry | 5  | 10/08/12 04:19 PM   |
| Silver                              | ND     | 0.101          | 0.202   |      | mg/Kg-dry | 5  | 10/08/12 04:19 PM   |
| Zinc                                | 7.35   | 1.01           | 2.53    |      | mg/Kg-dry | 5  | 10/08/12 04:19 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Petroleum Hydrocarbons, TR          | 169    | 5.57           | 11.1    | N    | mg/Kg-dry | 1  | 10/09/12 01:00 PM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | 146    | 5.61           | 5.61    |      | mg/Kg-dry | 1  | 10/09/12 11:02 AM   |
| Sulfate                             | 220    | 11.2           | 11.2    |      | mg/Kg-dry | 1  | 10/09/12 11:02 AM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>MK</b>  |
| Percent Moisture                    | 10.8   | 0              | 0       |      | WT%       | 1  | 10/05/12 09:10 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

**DHL Analytical, Inc.**

Date: 11-Oct-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1210021

**Client Sample ID:** Cell 21  
**Lab ID:** 1210021-05  
**Collection Date:** 09/27/12 12:00 PM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | ND     | 10.4           | 10.4    |      | mg/Kg-dry | 1  | 10/09/12 05:24 PM   |
| Surr: Isopropylbenzene              | 81.0   | 0              | 47-142  |      | %REC      | 1  | 10/09/12 05:24 PM   |
| Surr: Octacosane                    | 126    | 0              | 25-162  |      | %REC      | 1  | 10/09/12 05:24 PM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.106          | 0.212   |      | mg/Kg-dry | 1  | 10/05/12 08:32 PM   |
| Surr: Tetrachlorethene              | 109    | 0              | 70-134  |      | %REC      | 1  | 10/05/12 08:32 PM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00309        | 0.00515 |      | mg/Kg-dry | 1  | 10/03/12 08:46 PM   |
| Ethylbenzene                        | ND     | 0.00515        | 0.0154  |      | mg/Kg-dry | 1  | 10/03/12 08:46 PM   |
| Toluene                             | ND     | 0.00515        | 0.0154  |      | mg/Kg-dry | 1  | 10/03/12 08:46 PM   |
| Xylenes, Total                      | ND     | 0.00515        | 0.0154  |      | mg/Kg-dry | 1  | 10/03/12 08:46 PM   |
| Surr: Tetrachloroethene             | 110    | 0              | 79-135  |      | %REC      | 1  | 10/03/12 08:46 PM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0161         | 0.0402  |      | mg/Kg-dry | 1  | 10/09/12 03:20 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020A</b> |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 4.24   | 0.514          | 1.03    |      | mg/Kg-dry | 5  | 10/08/12 04:26 PM   |
| Barium                              | 266    | 0.514          | 2.06    |      | mg/Kg-dry | 5  | 10/08/12 04:26 PM   |
| Cadmium                             | ND     | 0.103          | 0.308   |      | mg/Kg-dry | 5  | 10/08/12 04:26 PM   |
| Chromium                            | 2.96   | 0.514          | 2.06    |      | mg/Kg-dry | 5  | 10/08/12 04:26 PM   |
| Copper                              | 3.05   | 0.514          | 2.06    |      | mg/Kg-dry | 5  | 10/08/12 04:26 PM   |
| Iron                                | 2420   | 128            | 128     |      | mg/Kg-dry | 50 | 10/09/12 01:18 PM   |
| Lead                                | 1.39   | 0.103          | 0.308   |      | mg/Kg-dry | 5  | 10/08/12 04:26 PM   |
| Manganese                           | 21.6   | 0.514          | 2.06    |      | mg/Kg-dry | 5  | 10/08/12 04:26 PM   |
| Selenium                            | 0.313  | 0.154          | 0.514   | J    | mg/Kg-dry | 5  | 10/08/12 04:26 PM   |
| Silver                              | ND     | 0.103          | 0.206   |      | mg/Kg-dry | 5  | 10/08/12 04:26 PM   |
| Zinc                                | 6.12   | 1.03           | 2.57    |      | mg/Kg-dry | 5  | 10/08/12 04:26 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Petroleum Hydrocarbons, TR          | ND     | 5.32           | 10.6    | N    | mg/Kg-dry | 1  | 10/09/12 01:00 PM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | ND     | 5.40           | 5.40    |      | mg/Kg-dry | 1  | 10/09/12 11:14 AM   |
| Sulfate                             | 54.5   | 10.8           | 10.8    |      | mg/Kg-dry | 1  | 10/09/12 11:14 AM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>MK</b>  |
| Percent Moisture                    | 7.32   | 0              | 0       |      | WT%       | 1  | 10/05/12 09:10 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

**DHL Analytical, Inc.**

Date: 11-Oct-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1210021

**Client Sample ID:** Cell 25  
**Lab ID:** 1210021-06  
**Collection Date:** 09/27/12 12:30 PM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | ND     | 10.6           | 10.6    |      | mg/Kg-dry | 1  | 10/09/12 05:33 PM   |
| Surr: Isopropylbenzene              | 70.9   | 0              | 47-142  |      | %REC      | 1  | 10/09/12 05:33 PM   |
| Surr: Octacosane                    | 119    | 0              | 25-162  |      | %REC      | 1  | 10/09/12 05:33 PM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.104          | 0.208   |      | mg/Kg-dry | 1  | 10/05/12 08:58 PM   |
| Surr: Tetrachlorethene              | 108    | 0              | 70-134  |      | %REC      | 1  | 10/05/12 08:58 PM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00327        | 0.00545 |      | mg/Kg-dry | 1  | 10/03/12 09:11 PM   |
| Ethylbenzene                        | ND     | 0.00545        | 0.0163  |      | mg/Kg-dry | 1  | 10/03/12 09:11 PM   |
| Toluene                             | ND     | 0.00545        | 0.0163  |      | mg/Kg-dry | 1  | 10/03/12 09:11 PM   |
| Xylenes, Total                      | ND     | 0.00545        | 0.0163  |      | mg/Kg-dry | 1  | 10/03/12 09:11 PM   |
| Surr: Tetrachloroethene             | 112    | 0              | 79-135  |      | %REC      | 1  | 10/03/12 09:11 PM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0156         | 0.0390  |      | mg/Kg-dry | 1  | 10/09/12 03:22 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020A</b> |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 2.17   | 0.529          | 1.06    |      | mg/Kg-dry | 5  | 10/08/12 04:32 PM   |
| Barium                              | 363    | 0.529          | 2.12    |      | mg/Kg-dry | 5  | 10/08/12 04:32 PM   |
| Cadmium                             | 0.168  | 0.106          | 0.317   | J    | mg/Kg-dry | 5  | 10/08/12 04:32 PM   |
| Chromium                            | 3.78   | 0.529          | 2.12    |      | mg/Kg-dry | 5  | 10/08/12 04:32 PM   |
| Copper                              | 2.42   | 0.529          | 2.12    |      | mg/Kg-dry | 5  | 10/08/12 04:32 PM   |
| Iron                                | 2850   | 132            | 132     |      | mg/Kg-dry | 50 | 10/09/12 01:24 PM   |
| Lead                                | 2.00   | 0.106          | 0.317   |      | mg/Kg-dry | 5  | 10/08/12 04:32 PM   |
| Manganese                           | 31.4   | 0.529          | 2.12    |      | mg/Kg-dry | 5  | 10/08/12 04:32 PM   |
| Selenium                            | 0.509  | 0.159          | 0.529   | J    | mg/Kg-dry | 5  | 10/08/12 04:32 PM   |
| Silver                              | ND     | 0.106          | 0.212   |      | mg/Kg-dry | 5  | 10/08/12 04:32 PM   |
| Zinc                                | 8.03   | 1.06           | 2.65    |      | mg/Kg-dry | 5  | 10/08/12 04:32 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Petroleum Hydrocarbons, TR          | ND     | 5.53           | 11.1    | N    | mg/Kg-dry | 1  | 10/09/12 01:00 PM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | ND     | 5.54           | 5.54    |      | mg/Kg-dry | 1  | 10/09/12 11:40 AM   |
| Sulfate                             | 65.8   | 11.1           | 11.1    |      | mg/Kg-dry | 1  | 10/09/12 11:40 AM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>MK</b>  |
| Percent Moisture                    | 9.98   | 0              | 0       |      | WT%       | 1  | 10/05/12 09:10 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

# DHL Analytical, Inc.

Date: 11-Oct-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1210021

**Client Sample ID:** Cell 26  
**Lab ID:** 1210021-07  
**Collection Date:** 09/27/12 01:00 PM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | ND     | 10.5           | 10.5    |      | mg/Kg-dry | 1  | 10/09/12 05:41 PM   |
| Surr: Isopropylbenzene              | 77.1   | 0              | 47-142  |      | %REC      | 1  | 10/09/12 05:41 PM   |
| Surr: Octacosane                    | 128    | 0              | 25-162  |      | %REC      | 1  | 10/09/12 05:41 PM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.0989         | 0.198   |      | mg/Kg-dry | 1  | 10/05/12 09:24 PM   |
| Surr: Tetrachlorethene              | 107    | 0              | 70-134  |      | %REC      | 1  | 10/05/12 09:24 PM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00295        | 0.00492 |      | mg/Kg-dry | 1  | 10/03/12 09:37 PM   |
| Ethylbenzene                        | ND     | 0.00492        | 0.0148  |      | mg/Kg-dry | 1  | 10/03/12 09:37 PM   |
| Toluene                             | ND     | 0.00492        | 0.0148  |      | mg/Kg-dry | 1  | 10/03/12 09:37 PM   |
| Xylenes, Total                      | ND     | 0.00492        | 0.0148  |      | mg/Kg-dry | 1  | 10/03/12 09:37 PM   |
| Surr: Tetrachloroethene             | 108    | 0              | 79-135  |      | %REC      | 1  | 10/03/12 09:37 PM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0174         | 0.0434  |      | mg/Kg-dry | 1  | 10/09/12 03:24 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020A</b> |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 3.27   | 0.543          | 1.09    |      | mg/Kg-dry | 5  | 10/08/12 04:38 PM   |
| Barium                              | 428    | 0.543          | 2.17    |      | mg/Kg-dry | 5  | 10/08/12 04:38 PM   |
| Cadmium                             | 0.173  | 0.109          | 0.326   | J    | mg/Kg-dry | 5  | 10/08/12 04:38 PM   |
| Chromium                            | 4.58   | 0.543          | 2.17    |      | mg/Kg-dry | 5  | 10/08/12 04:38 PM   |
| Copper                              | 4.53   | 0.543          | 2.17    |      | mg/Kg-dry | 5  | 10/08/12 04:38 PM   |
| Iron                                | 3370   | 136            | 136     |      | mg/Kg-dry | 50 | 10/09/12 01:30 PM   |
| Lead                                | 2.29   | 0.109          | 0.326   |      | mg/Kg-dry | 5  | 10/08/12 04:38 PM   |
| Manganese                           | 48.5   | 0.543          | 2.17    |      | mg/Kg-dry | 5  | 10/08/12 04:38 PM   |
| Selenium                            | 0.552  | 0.163          | 0.543   |      | mg/Kg-dry | 5  | 10/08/12 04:38 PM   |
| Silver                              | ND     | 0.109          | 0.217   |      | mg/Kg-dry | 5  | 10/08/12 04:38 PM   |
| Zinc                                | 9.46   | 1.09           | 2.71    |      | mg/Kg-dry | 5  | 10/08/12 04:38 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Petroleum Hydrocarbons, TR          | 8.22   | 5.48           | 11.0    | JN   | mg/Kg-dry | 1  | 10/09/12 01:00 PM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | ND     | 5.43           | 5.43    |      | mg/Kg-dry | 1  | 10/09/12 11:52 AM   |
| Sulfate                             | 102    | 10.9           | 10.9    |      | mg/Kg-dry | 1  | 10/09/12 11:52 AM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>MK</b>  |
| Percent Moisture                    | 8.78   | 0              | 0       |      | WT%       | 1  | 10/05/12 09:10 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

**DHL Analytical, Inc.**

Date: 11-Oct-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1210021

**Client Sample ID:** Cell 17 Treat  
**Lab ID:** 1210021-08  
**Collection Date:** 09/27/12 10:00 AM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | 85.0   | 9.83           | 9.83    |      | mg/Kg-dry | 1  | 10/09/12 05:50 PM   |
| Surr: Isopropylbenzene              | 80.7   | 0              | 47-142  |      | %REC      | 1  | 10/09/12 05:50 PM   |
| Surr: Octacosane                    | 156    | 0              | 25-162  |      | %REC      | 1  | 10/09/12 05:50 PM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.0971         | 0.194   |      | mg/Kg-dry | 1  | 10/05/12 09:49 PM   |
| Surr: Tetrachlorethene              | 120    | 0              | 70-134  |      | %REC      | 1  | 10/05/12 09:49 PM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00301        | 0.00502 |      | mg/Kg-dry | 1  | 10/03/12 10:03 PM   |
| Ethylbenzene                        | ND     | 0.00502        | 0.0151  |      | mg/Kg-dry | 1  | 10/03/12 10:03 PM   |
| Toluene                             | ND     | 0.00502        | 0.0151  |      | mg/Kg-dry | 1  | 10/03/12 10:03 PM   |
| Xylenes, Total                      | ND     | 0.00502        | 0.0151  |      | mg/Kg-dry | 1  | 10/03/12 10:03 PM   |
| Surr: Tetrachloroethene             | 112    | 0              | 79-135  |      | %REC      | 1  | 10/03/12 10:03 PM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | 0.0219 | 0.0148         | 0.0371  | J    | mg/Kg-dry | 1  | 10/09/12 03:27 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020A</b> |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 2.49   | 0.511          | 1.02    |      | mg/Kg-dry | 5  | 10/08/12 04:44 PM   |
| Barium                              | 91.2   | 0.511          | 2.04    |      | mg/Kg-dry | 5  | 10/08/12 04:44 PM   |
| Cadmium                             | 0.144  | 0.102          | 0.307   | J    | mg/Kg-dry | 5  | 10/08/12 04:44 PM   |
| Chromium                            | 9.44   | 0.511          | 2.04    |      | mg/Kg-dry | 5  | 10/08/12 04:44 PM   |
| Copper                              | 5.04   | 0.511          | 2.04    |      | mg/Kg-dry | 5  | 10/08/12 04:44 PM   |
| Iron                                | 7740   | 128            | 128     |      | mg/Kg-dry | 50 | 10/09/12 01:35 PM   |
| Lead                                | 11.8   | 0.102          | 0.307   |      | mg/Kg-dry | 5  | 10/08/12 04:44 PM   |
| Manganese                           | 97.5   | 0.511          | 2.04    |      | mg/Kg-dry | 5  | 10/08/12 04:44 PM   |
| Selenium                            | 0.829  | 0.153          | 0.511   |      | mg/Kg-dry | 5  | 10/08/12 04:44 PM   |
| Silver                              | ND     | 0.102          | 0.204   |      | mg/Kg-dry | 5  | 10/08/12 04:44 PM   |
| Zinc                                | 21.8   | 1.02           | 2.56    |      | mg/Kg-dry | 5  | 10/08/12 04:44 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Petroleum Hydrocarbons, TR          | 37.1   | 5.20           | 10.4    | N    | mg/Kg-dry | 1  | 10/09/12 01:00 PM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | 34.3   | 5.13           | 5.13    |      | mg/Kg-dry | 1  | 10/09/12 12:04 PM   |
| Sulfate                             | 126    | 10.3           | 10.3    |      | mg/Kg-dry | 1  | 10/09/12 12:04 PM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>MK</b>  |
| Percent Moisture                    | 4.09   | 0              | 0       |      | WT%       | 1  | 10/05/12 09:10 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

# DHL Analytical, Inc.

Date: 11-Oct-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1210021

**Client Sample ID:** Cell 18 Treat  
**Lab ID:** 1210021-09  
**Collection Date:** 09/27/12 10:30 AM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | 47.6   | 9.67           | 9.67    |      | mg/Kg-dry | 1  | 10/09/12 07:14 PM   |
| Surr: Isopropylbenzene              | 78.1   | 0              | 47-142  |      | %REC      | 1  | 10/09/12 07:14 PM   |
| Surr: Octacosane                    | 157    | 0              | 25-162  |      | %REC      | 1  | 10/09/12 07:14 PM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.0973         | 0.195   |      | mg/Kg-dry | 1  | 10/06/12 12:48 AM   |
| Surr: Tetrachlorethene              | 120    | 0              | 70-134  |      | %REC      | 1  | 10/06/12 12:48 AM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00271        | 0.00452 |      | mg/Kg-dry | 1  | 10/04/12 01:01 AM   |
| Ethylbenzene                        | ND     | 0.00452        | 0.0136  |      | mg/Kg-dry | 1  | 10/04/12 01:01 AM   |
| Toluene                             | ND     | 0.00452        | 0.0136  |      | mg/Kg-dry | 1  | 10/04/12 01:01 AM   |
| Xylenes, Total                      | ND     | 0.00452        | 0.0136  |      | mg/Kg-dry | 1  | 10/04/12 01:01 AM   |
| Surr: Tetrachloroethene             | 118    | 0              | 79-135  |      | %REC      | 1  | 10/04/12 01:01 AM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | 0.0215 | 0.0142         | 0.0354  | J    | mg/Kg-dry | 1  | 10/09/12 03:29 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020A</b> |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 3.77   | 0.515          | 1.03    |      | mg/Kg-dry | 5  | 10/08/12 04:50 PM   |
| Barium                              | 184    | 0.515          | 2.06    |      | mg/Kg-dry | 5  | 10/08/12 04:50 PM   |
| Cadmium                             | 0.157  | 0.103          | 0.309   | J    | mg/Kg-dry | 5  | 10/08/12 04:50 PM   |
| Chromium                            | 8.43   | 0.515          | 2.06    |      | mg/Kg-dry | 5  | 10/08/12 04:50 PM   |
| Copper                              | 5.49   | 0.515          | 2.06    |      | mg/Kg-dry | 5  | 10/08/12 04:50 PM   |
| Iron                                | 6230   | 129            | 129     |      | mg/Kg-dry | 50 | 10/09/12 01:41 PM   |
| Lead                                | 11.2   | 0.103          | 0.309   |      | mg/Kg-dry | 5  | 10/08/12 04:50 PM   |
| Manganese                           | 90.4   | 0.515          | 2.06    |      | mg/Kg-dry | 5  | 10/08/12 04:50 PM   |
| Selenium                            | 0.730  | 0.155          | 0.515   |      | mg/Kg-dry | 5  | 10/08/12 04:50 PM   |
| Silver                              | ND     | 0.103          | 0.206   |      | mg/Kg-dry | 5  | 10/08/12 04:50 PM   |
| Zinc                                | 24.1   | 1.03           | 2.58    |      | mg/Kg-dry | 5  | 10/08/12 04:50 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Petroleum Hydrocarbons, TR          | 70.6   | 5.23           | 10.5    | N    | mg/Kg-dry | 1  | 10/09/12 01:00 PM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | ND     | 5.19           | 5.19    |      | mg/Kg-dry | 1  | 10/09/12 12:15 PM   |
| Sulfate                             | 72.0   | 10.4           | 10.4    |      | mg/Kg-dry | 1  | 10/09/12 12:15 PM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>MK</b>  |
| Percent Moisture                    | 4.83   | 0              | 0       |      | WT%       | 1  | 10/05/12 09:10 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

# DHL Analytical, Inc.

Date: 11-Oct-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1210021

**Client Sample ID:** Cell 19 Treat  
**Lab ID:** 1210021-10  
**Collection Date:** 09/27/12 11:00 AM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | 41.9   | 10.2           | 10.2    |      | mg/Kg-dry | 1  | 10/09/12 07:06 PM   |
| Surr: Isopropylbenzene              | 82.2   | 0              | 47-142  |      | %REC      | 1  | 10/09/12 07:06 PM   |
| Surr: Octacosane                    | 190    | 0              | 25-162  | S    | %REC      | 1  | 10/09/12 07:06 PM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.0991         | 0.198   |      | mg/Kg-dry | 1  | 10/06/12 01:13 AM   |
| Surr: Tetrachlorethene              | 119    | 0              | 70-134  |      | %REC      | 1  | 10/06/12 01:13 AM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00273        | 0.00454 |      | mg/Kg-dry | 1  | 10/04/12 01:27 AM   |
| Ethylbenzene                        | ND     | 0.00454        | 0.0136  |      | mg/Kg-dry | 1  | 10/04/12 01:27 AM   |
| Toluene                             | ND     | 0.00454        | 0.0136  |      | mg/Kg-dry | 1  | 10/04/12 01:27 AM   |
| Xylenes, Total                      | ND     | 0.00454        | 0.0136  |      | mg/Kg-dry | 1  | 10/04/12 01:27 AM   |
| Surr: Tetrachloroethene             | 116    | 0              | 79-135  |      | %REC      | 1  | 10/04/12 01:27 AM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0148         | 0.0370  |      | mg/Kg-dry | 1  | 10/09/12 03:31 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020A</b> |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 2.16   | 0.497          | 0.993   |      | mg/Kg-dry | 5  | 10/08/12 06:04 PM   |
| Barium                              | 182    | 0.497          | 1.99    |      | mg/Kg-dry | 5  | 10/08/12 06:04 PM   |
| Cadmium                             | 0.108  | 0.0993         | 0.298   | J    | mg/Kg-dry | 5  | 10/08/12 06:04 PM   |
| Chromium                            | 7.40   | 0.497          | 1.99    |      | mg/Kg-dry | 5  | 10/08/12 06:04 PM   |
| Copper                              | 2.85   | 0.497          | 1.99    |      | mg/Kg-dry | 5  | 10/08/12 06:04 PM   |
| Iron                                | 5640   | 124            | 124     |      | mg/Kg-dry | 50 | 10/09/12 07:43 PM   |
| Lead                                | 3.94   | 0.0993         | 0.298   |      | mg/Kg-dry | 5  | 10/08/12 06:04 PM   |
| Manganese                           | 49.2   | 0.497          | 1.99    |      | mg/Kg-dry | 5  | 10/08/12 06:04 PM   |
| Selenium                            | 0.537  | 0.149          | 0.497   |      | mg/Kg-dry | 5  | 10/08/12 06:04 PM   |
| Silver                              | ND     | 0.0993         | 0.199   |      | mg/Kg-dry | 5  | 10/08/12 06:04 PM   |
| Zinc                                | 15.0   | 0.993          | 2.48    |      | mg/Kg-dry | 5  | 10/08/12 06:04 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Petroleum Hydrocarbons, TR          | 88.5   | 5.25           | 10.5    | N    | mg/Kg-dry | 1  | 10/09/12 01:00 PM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | 9.84   | 5.24           | 5.24    |      | mg/Kg-dry | 1  | 10/09/12 12:27 PM   |
| Sulfate                             | 823    | 10.5           | 10.5    |      | mg/Kg-dry | 1  | 10/09/12 12:27 PM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>MK</b>  |
| Percent Moisture                    | 5.00   | 0              | 0       |      | WT%       | 1  | 10/05/12 09:10 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

**DHL Analytical, Inc.**

Date: 11-Oct-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1210021

**Client Sample ID:** Cell 20 Treat  
**Lab ID:** 1210021-11  
**Collection Date:** 09/27/12 11:30 AM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual                | Units     | DF | Date Analyzed     |
|-------------------------------------|--------|----------------|---------|---------------------|-----------|----|-------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |                     |           |    |                   |
|                                     |        | <b>M8015D</b>  |         | Analyst: <b>DO</b>  |           |    |                   |
| TPH-DRO C10-C28                     | 142    | 10.1           | 10.1    |                     | mg/Kg-dry | 1  | 10/09/12 07:31 PM |
| Surr: Isopropylbenzene              | 86.1   | 0              | 47-142  |                     | %REC      | 1  | 10/09/12 07:31 PM |
| Surr: Octacosane                    | 224    | 0              | 25-162  | S                   | %REC      | 1  | 10/09/12 07:31 PM |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |                     |           |    |                   |
|                                     |        | <b>M8015V</b>  |         | Analyst: <b>DEW</b> |           |    |                   |
| Gasoline Range Organics             | ND     | 0.103          | 0.205   |                     | mg/Kg-dry | 1  | 10/06/12 01:39 AM |
| Surr: Tetrachlorethene              | 116    | 0              | 70-134  |                     | %REC      | 1  | 10/06/12 01:39 AM |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |                     |           |    |                   |
|                                     |        | <b>SW8021B</b> |         | Analyst: <b>DEW</b> |           |    |                   |
| Benzene                             | ND     | 0.00289        | 0.00482 |                     | mg/Kg-dry | 1  | 10/04/12 01:53 AM |
| Ethylbenzene                        | ND     | 0.00482        | 0.0145  |                     | mg/Kg-dry | 1  | 10/04/12 01:53 AM |
| Toluene                             | ND     | 0.00482        | 0.0145  |                     | mg/Kg-dry | 1  | 10/04/12 01:53 AM |
| Xylenes, Total                      | ND     | 0.00482        | 0.0145  |                     | mg/Kg-dry | 1  | 10/04/12 01:53 AM |
| Surr: Tetrachloroethene             | 111    | 0              | 79-135  |                     | %REC      | 1  | 10/04/12 01:53 AM |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |                     |           |    |                   |
|                                     |        | <b>SW7471B</b> |         | Analyst: <b>LM</b>  |           |    |                   |
| Mercury                             | 0.0299 | 0.0164         | 0.0410  | J                   | mg/Kg-dry | 1  | 10/09/12 03:33 PM |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |                     |           |    |                   |
|                                     |        | <b>SW6020A</b> |         | Analyst: <b>AJR</b> |           |    |                   |
| Arsenic                             | 2.19   | 0.456          | 0.913   |                     | mg/Kg-dry | 5  | 10/08/12 06:10 PM |
| Barium                              | 195    | 0.456          | 1.83    |                     | mg/Kg-dry | 5  | 10/08/12 06:10 PM |
| Cadmium                             | 0.134  | 0.0913         | 0.274   | J                   | mg/Kg-dry | 5  | 10/08/12 06:10 PM |
| Chromium                            | 7.76   | 0.456          | 1.83    |                     | mg/Kg-dry | 5  | 10/08/12 06:10 PM |
| Copper                              | 2.80   | 0.456          | 1.83    |                     | mg/Kg-dry | 5  | 10/08/12 06:10 PM |
| Iron                                | 5860   | 114            | 114     |                     | mg/Kg-dry | 50 | 10/09/12 07:49 PM |
| Lead                                | 4.09   | 0.0913         | 0.274   |                     | mg/Kg-dry | 5  | 10/08/12 06:10 PM |
| Manganese                           | 48.4   | 0.456          | 1.83    |                     | mg/Kg-dry | 5  | 10/08/12 06:10 PM |
| Selenium                            | 0.565  | 0.137          | 0.456   |                     | mg/Kg-dry | 5  | 10/08/12 06:10 PM |
| Silver                              | ND     | 0.0913         | 0.183   |                     | mg/Kg-dry | 5  | 10/08/12 06:10 PM |
| Zinc                                | 13.8   | 0.913          | 2.28    |                     | mg/Kg-dry | 5  | 10/08/12 06:10 PM |
| <b>TRPH</b>                         |        |                |         |                     |           |    |                   |
|                                     |        | <b>E418.1</b>  |         | Analyst: <b>DEW</b> |           |    |                   |
| Petroleum Hydrocarbons, TR          | 267    | 5.24           | 10.5    | N                   | mg/Kg-dry | 1  | 10/09/12 01:00 PM |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |                     |           |    |                   |
|                                     |        | <b>E300</b>    |         | Analyst: <b>JBC</b> |           |    |                   |
| Chloride                            | 40.0   | 5.17           | 5.17    |                     | mg/Kg-dry | 1  | 10/09/12 12:39 PM |
| Sulfate                             | 1270   | 103            | 103     |                     | mg/Kg-dry | 10 | 10/09/12 03:06 PM |
| <b>PERCENT MOISTURE</b>             |        |                |         |                     |           |    |                   |
|                                     |        | <b>D2216</b>   |         | Analyst: <b>MK</b>  |           |    |                   |
| Percent Moisture                    | 5.56   | 0              | 0       |                     | WT%       | 1  | 10/05/12 09:10 AM |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

**DHL Analytical, Inc.**

Date: 11-Oct-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1210021

**Client Sample ID:** Cell 21 Treat  
**Lab ID:** 1210021-12  
**Collection Date:** 09/27/12 12:00 PM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | 49.1   | 10.0           | 10.0    |      | mg/Kg-dry | 1  | 10/09/12 06:49 PM   |
| Surr: Isopropylbenzene              | 90.8   | 0              | 47-142  |      | %REC      | 1  | 10/09/12 06:49 PM   |
| Surr: Octacosane                    | 141    | 0              | 25-162  |      | %REC      | 1  | 10/09/12 06:49 PM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.0918         | 0.184   |      | mg/Kg-dry | 1  | 10/06/12 02:05 AM   |
| Surr: Tetrachlorethene              | 118    | 0              | 70-134  |      | %REC      | 1  | 10/06/12 02:05 AM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00283        | 0.00471 |      | mg/Kg-dry | 1  | 10/04/12 02:19 AM   |
| Ethylbenzene                        | ND     | 0.00471        | 0.0141  |      | mg/Kg-dry | 1  | 10/04/12 02:19 AM   |
| Toluene                             | ND     | 0.00471        | 0.0141  |      | mg/Kg-dry | 1  | 10/04/12 02:19 AM   |
| Xylenes, Total                      | ND     | 0.00471        | 0.0141  |      | mg/Kg-dry | 1  | 10/04/12 02:19 AM   |
| Surr: Tetrachloroethene             | 117    | 0              | 79-135  |      | %REC      | 1  | 10/04/12 02:19 AM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0161         | 0.0401  |      | mg/Kg-dry | 1  | 10/09/12 03:35 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020A</b> |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 2.29   | 0.511          | 1.02    |      | mg/Kg-dry | 5  | 10/08/12 06:16 PM   |
| Barium                              | 110    | 0.511          | 2.04    |      | mg/Kg-dry | 5  | 10/08/12 06:16 PM   |
| Cadmium                             | 0.121  | 0.102          | 0.307   | J    | mg/Kg-dry | 5  | 10/08/12 06:16 PM   |
| Chromium                            | 8.29   | 0.511          | 2.04    |      | mg/Kg-dry | 5  | 10/08/12 06:16 PM   |
| Copper                              | 3.01   | 0.511          | 2.04    |      | mg/Kg-dry | 5  | 10/08/12 06:16 PM   |
| Iron                                | 6520   | 128            | 128     |      | mg/Kg-dry | 50 | 10/09/12 07:55 PM   |
| Lead                                | 4.95   | 0.102          | 0.307   |      | mg/Kg-dry | 5  | 10/08/12 06:16 PM   |
| Manganese                           | 64.7   | 0.511          | 2.04    |      | mg/Kg-dry | 5  | 10/08/12 06:16 PM   |
| Selenium                            | 0.653  | 0.153          | 0.511   |      | mg/Kg-dry | 5  | 10/08/12 06:16 PM   |
| Silver                              | ND     | 0.102          | 0.204   |      | mg/Kg-dry | 5  | 10/08/12 06:16 PM   |
| Zinc                                | 21.5   | 1.02           | 2.55    |      | mg/Kg-dry | 5  | 10/08/12 06:16 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Petroleum Hydrocarbons, TR          | 102    | 5.21           | 10.4    | N    | mg/Kg-dry | 1  | 10/09/12 01:00 PM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | 12.2   | 5.09           | 5.09    |      | mg/Kg-dry | 1  | 10/09/12 12:50 PM   |
| Sulfate                             | 371    | 10.2           | 10.2    |      | mg/Kg-dry | 1  | 10/09/12 12:50 PM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>MK</b>  |
| Percent Moisture                    | 4.06   | 0              | 0       |      | WT%       | 1  | 10/05/12 09:10 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

# DHL Analytical, Inc.

Date: 11-Oct-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1210021

**Client Sample ID:** Cell 25 Treat  
**Lab ID:** 1210021-13  
**Collection Date:** 09/27/12 12:30 PM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | 40.7   | 10.2           | 10.2    |      | mg/Kg-dry | 1  | 10/09/12 05:58 PM   |
| Surr: Isopropylbenzene              | 89.5   | 0              | 47-142  |      | %REC      | 1  | 10/09/12 05:58 PM   |
| Surr: Octacosane                    | 141    | 0              | 25-162  |      | %REC      | 1  | 10/09/12 05:58 PM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.101          | 0.202   |      | mg/Kg-dry | 1  | 10/06/12 02:30 AM   |
| Surr: Tetrachlorethene              | 116    | 0              | 70-134  |      | %REC      | 1  | 10/06/12 02:30 AM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00288        | 0.00480 |      | mg/Kg-dry | 1  | 10/04/12 02:44 AM   |
| Ethylbenzene                        | ND     | 0.00480        | 0.0144  |      | mg/Kg-dry | 1  | 10/04/12 02:44 AM   |
| Toluene                             | ND     | 0.00480        | 0.0144  |      | mg/Kg-dry | 1  | 10/04/12 02:44 AM   |
| Xylenes, Total                      | ND     | 0.00480        | 0.0144  |      | mg/Kg-dry | 1  | 10/04/12 02:44 AM   |
| Surr: Tetrachloroethene             | 115    | 0              | 79-135  |      | %REC      | 1  | 10/04/12 02:44 AM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0158         | 0.0395  |      | mg/Kg-dry | 1  | 10/09/12 03:37 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020A</b> |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 2.38   | 0.497          | 0.994   |      | mg/Kg-dry | 5  | 10/08/12 06:22 PM   |
| Barium                              | 70.3   | 0.497          | 1.99    |      | mg/Kg-dry | 5  | 10/08/12 06:22 PM   |
| Cadmium                             | 0.124  | 0.0994         | 0.298   | J    | mg/Kg-dry | 5  | 10/08/12 06:22 PM   |
| Chromium                            | 7.48   | 0.497          | 1.99    |      | mg/Kg-dry | 5  | 10/08/12 06:22 PM   |
| Copper                              | 3.13   | 0.497          | 1.99    |      | mg/Kg-dry | 5  | 10/08/12 06:22 PM   |
| Iron                                | 6060   | 124            | 124     |      | mg/Kg-dry | 50 | 10/09/12 08:01 PM   |
| Lead                                | 4.78   | 0.0994         | 0.298   |      | mg/Kg-dry | 5  | 10/08/12 06:22 PM   |
| Manganese                           | 69.1   | 0.497          | 1.99    |      | mg/Kg-dry | 5  | 10/08/12 06:22 PM   |
| Selenium                            | 0.710  | 0.149          | 0.497   |      | mg/Kg-dry | 5  | 10/08/12 06:22 PM   |
| Silver                              | ND     | 0.0994         | 0.199   |      | mg/Kg-dry | 5  | 10/08/12 06:22 PM   |
| Zinc                                | 20.8   | 0.994          | 2.49    |      | mg/Kg-dry | 5  | 10/08/12 06:22 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Petroleum Hydrocarbons, TR          | 58.1   | 5.11           | 10.2    | N    | mg/Kg-dry | 1  | 10/09/12 01:00 PM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | ND     | 5.17           | 5.17    |      | mg/Kg-dry | 1  | 10/09/12 01:15 PM   |
| Sulfate                             | 36.4   | 10.3           | 10.3    |      | mg/Kg-dry | 1  | 10/09/12 01:15 PM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>MK</b>  |
| Percent Moisture                    | 3.29   | 0              | 0       |      | WT%       | 1  | 10/05/12 09:10 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

# DHL Analytical, Inc.

Date: 11-Oct-12

**CLIENT:** Larson & Associates  
**Project:** Chevron Landfarm  
**Project No:** 6-0137  
**Lab Order:** 1210021

**Client Sample ID:** Cell 26 Treat  
**Lab ID:** 1210021-14  
**Collection Date:** 09/27/12 01:00 PM  
**Matrix:** SOIL

| Analyses                            | Result | MDL            | RL      | Qual | Units     | DF | Date Analyzed       |
|-------------------------------------|--------|----------------|---------|------|-----------|----|---------------------|
| <b>TPH EXTRACTABLE BY GC - SOIL</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015D</b>  |         |      |           |    | Analyst: <b>DO</b>  |
| TPH-DRO C10-C28                     | 250    | 9.61           | 9.61    |      | mg/Kg-dry | 1  | 10/09/12 08:05 PM   |
| Surr: Isopropylbenzene              | 97.1   | 0              | 47-142  |      | %REC      | 1  | 10/09/12 08:05 PM   |
| Surr: Octacosane                    | 282    | 0              | 25-162  | S    | %REC      | 1  | 10/09/12 08:05 PM   |
| <b>TPH PURGEABLE BY GC - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>M8015V</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Gasoline Range Organics             | ND     | 0.0936         | 0.187   |      | mg/Kg-dry | 1  | 10/06/12 02:55 AM   |
| Surr: Tetrachlorethene              | 119    | 0              | 70-134  |      | %REC      | 1  | 10/06/12 02:55 AM   |
| <b>VOLATILE ORGANICS BY GC</b>      |        |                |         |      |           |    |                     |
|                                     |        | <b>SW8021B</b> |         |      |           |    | Analyst: <b>DEW</b> |
| Benzene                             | ND     | 0.00306        | 0.00509 |      | mg/Kg-dry | 1  | 10/04/12 03:09 AM   |
| Ethylbenzene                        | ND     | 0.00509        | 0.0153  |      | mg/Kg-dry | 1  | 10/04/12 03:09 AM   |
| Toluene                             | ND     | 0.00509        | 0.0153  |      | mg/Kg-dry | 1  | 10/04/12 03:09 AM   |
| Xylenes, Total                      | ND     | 0.00509        | 0.0153  |      | mg/Kg-dry | 1  | 10/04/12 03:09 AM   |
| Surr: Tetrachloroethene             | 117    | 0              | 79-135  |      | %REC      | 1  | 10/04/12 03:09 AM   |
| <b>TOTAL MERCURY: SOIL/SOLID</b>    |        |                |         |      |           |    |                     |
|                                     |        | <b>SW7471B</b> |         |      |           |    | Analyst: <b>LM</b>  |
| Mercury                             | ND     | 0.0139         | 0.0347  |      | mg/Kg-dry | 1  | 10/09/12 02:41 PM   |
| <b>TRACE METALS: ICP-MS - SOLID</b> |        |                |         |      |           |    |                     |
|                                     |        | <b>SW6020A</b> |         |      |           |    | Analyst: <b>AJR</b> |
| Arsenic                             | 2.19   | 0.485          | 0.969   |      | mg/Kg-dry | 5  | 10/08/12 03:50 PM   |
| Barium                              | 52.4   | 0.485          | 1.94    |      | mg/Kg-dry | 5  | 10/08/12 03:50 PM   |
| Cadmium                             | 0.0983 | 0.0969         | 0.291   | J    | mg/Kg-dry | 5  | 10/08/12 03:50 PM   |
| Chromium                            | 7.63   | 0.485          | 1.94    |      | mg/Kg-dry | 5  | 10/08/12 03:50 PM   |
| Copper                              | 3.17   | 0.485          | 1.94    |      | mg/Kg-dry | 5  | 10/08/12 03:50 PM   |
| Iron                                | 6050   | 121            | 121     |      | mg/Kg-dry | 50 | 10/09/12 12:42 PM   |
| Lead                                | 4.32   | 0.0969         | 0.291   |      | mg/Kg-dry | 5  | 10/08/12 03:50 PM   |
| Manganese                           | 62.5   | 0.485          | 1.94    |      | mg/Kg-dry | 5  | 10/08/12 03:50 PM   |
| Selenium                            | 0.691  | 0.145          | 0.485   |      | mg/Kg-dry | 5  | 10/08/12 03:50 PM   |
| Silver                              | ND     | 0.0969         | 0.194   |      | mg/Kg-dry | 5  | 10/08/12 03:50 PM   |
| Zinc                                | 19.4   | 0.969          | 2.42    |      | mg/Kg-dry | 5  | 10/08/12 03:50 PM   |
| <b>TRPH</b>                         |        |                |         |      |           |    |                     |
|                                     |        | <b>E418.1</b>  |         |      |           |    | Analyst: <b>DEW</b> |
| Petroleum Hydrocarbons, TR          | 921    | 51.9           | 104     | N    | mg/Kg-dry | 10 | 10/09/12 01:00 PM   |
| <b>ANIONS BY IC METHOD - SOIL</b>   |        |                |         |      |           |    |                     |
|                                     |        | <b>E300</b>    |         |      |           |    | Analyst: <b>JBC</b> |
| Chloride                            | ND     | 5.15           | 5.15    |      | mg/Kg-dry | 1  | 10/09/12 01:27 PM   |
| Sulfate                             | 68.3   | 10.3           | 10.3    |      | mg/Kg-dry | 1  | 10/09/12 01:27 PM   |
| <b>PERCENT MOISTURE</b>             |        |                |         |      |           |    |                     |
|                                     |        | <b>D2216</b>   |         |      |           |    | Analyst: <b>MK</b>  |
| Percent Moisture                    | 3.59   | 0              | 0       |      | WT%       | 1  | 10/05/12 09:10 AM   |

|                    |     |                                                     |    |                                                 |
|--------------------|-----|-----------------------------------------------------|----|-------------------------------------------------|
| <b>Qualifiers:</b> | *   | Value exceeds TCLP Maximum Concentration Level      | B  | Analyte detected in the associated Method Blank |
|                    | C   | Sample Result or QC discussed in the Case Narrative | DF | Dilution Factor                                 |
|                    | E   | TPH pattern not Gas or Diesel Range Pattern         | J  | Analyte detected between MDL and RL             |
|                    | MDL | Method Detection Limit                              | ND | Not Detected at the Method Detection Limit      |
|                    | RL  | Reporting Limit                                     | S  | Spike Recovery outside control limits           |
|                    | N   | Parameter not NELAC certified                       |    |                                                 |

CLIENT: Larson &amp; Associates

Work Order: 1210021

Project: Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

RunID: GC15\_121009A

The QC data in batch 54115 applies to the following samples: 1210021-01C, 1210021-02C, 1210021-03C, 1210021-04C, 1210021-05C, 1210021-06C, 1210021-07C, 1210021-08C, 1210021-09C, 1210021-10C, 1210021-11C, 1210021-12C, 1210021-13C, 1210021-14C

|                             |                             |                                            |                             |         |      |          |           |      |          |      |
|-----------------------------|-----------------------------|--------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>LCS-54115</b> | Batch ID: <b>54115</b>      | TestNo: <b>M8015D</b>                      | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>LCS</b>        | Run ID: <b>GC15_121009A</b> | Analysis Date: <b>10/9/2012 2:52:06 PM</b> | Prep Date: <b>10/5/2012</b> |         |      |          |           |      |          |      |
| Analyte                     | Result                      | RL                                         | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                        |      |      |       |   |      |    |     |  |  |  |
|------------------------|------|------|-------|---|------|----|-----|--|--|--|
| TPH-DRO C10-C28        | 114  | 10.0 | 125.0 | 0 | 91.3 | 50 | 114 |  |  |  |
| Surr: Isopropylbenzene | 6.11 |      | 7.500 |   | 81.5 | 47 | 142 |  |  |  |
| Surr: Octacosane       | 8.84 |      | 7.500 |   | 118  | 25 | 162 |  |  |  |

|                            |                             |                                            |                             |         |      |          |           |      |          |      |
|----------------------------|-----------------------------|--------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>MB-54115</b> | Batch ID: <b>54115</b>      | TestNo: <b>M8015D</b>                      | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>MBLK</b>      | Run ID: <b>GC15_121009A</b> | Analysis Date: <b>10/9/2012 3:17:32 PM</b> | Prep Date: <b>10/5/2012</b> |         |      |          |           |      |          |      |
| Analyte                    | Result                      | RL                                         | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                        |      |      |       |  |      |    |     |  |  |  |
|------------------------|------|------|-------|--|------|----|-----|--|--|--|
| TPH-DRO C10-C28        | ND   | 10.0 |       |  |      |    |     |  |  |  |
| Surr: Isopropylbenzene | 6.08 |      | 7.500 |  | 81.1 | 47 | 142 |  |  |  |
| Surr: Octacosane       | 8.53 |      | 7.500 |  | 114  | 25 | 162 |  |  |  |

|                                 |                             |                                            |                             |         |      |          |           |      |          |      |
|---------------------------------|-----------------------------|--------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>1210021-01CMS</b> | Batch ID: <b>54115</b>      | TestNo: <b>M8015D</b>                      | Units: <b>mg/Kg-dry</b>     |         |      |          |           |      |          |      |
| SampType: <b>MS</b>             | Run ID: <b>GC15_121009A</b> | Analysis Date: <b>10/9/2012 9:38:49 PM</b> | Prep Date: <b>10/5/2012</b> |         |      |          |           |      |          |      |
| Analyte                         | Result                      | RL                                         | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                        |      |      |       |   |      |    |     |  |  |  |
|------------------------|------|------|-------|---|------|----|-----|--|--|--|
| TPH-DRO C10-C28        | 123  | 10.6 | 132.2 | 0 | 92.8 | 50 | 114 |  |  |  |
| Surr: Isopropylbenzene | 4.50 |      | 7.929 |   | 56.7 | 47 | 142 |  |  |  |
| Surr: Octacosane       | 9.07 |      | 7.929 |   | 114  | 25 | 162 |  |  |  |

|                           |                      |                                     |                      |         |      |          |           |      |          |      |
|---------------------------|----------------------|-------------------------------------|----------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: 1210021-01CMSD | Batch ID: 54115      | TestNo: M8015D                      | Units: mg/Kg-dry     |         |      |          |           |      |          |      |
| SampType: MSD             | Run ID: GC15_121009A | Analysis Date: 10/9/2012 9:47:17 PM | Prep Date: 10/5/2012 |         |      |          |           |      |          |      |
| Analyte                   | Result               | RL                                  | SPK value            | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                        |      |      |       |   |      |    |     |       |    |  |
|------------------------|------|------|-------|---|------|----|-----|-------|----|--|
| TPH-DRO C10-C28        | 122  | 11.0 | 137.7 | 0 | 88.3 | 50 | 114 | 0.861 | 30 |  |
| Surr: Isopropylbenzene | 6.85 |      | 8.259 |   | 83.0 | 47 | 142 | 0     | 0  |  |
| Surr: Octacosane       | 9.18 |      | 8.259 |   | 111  | 25 | 162 | 0     | 0  |  |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1210021  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** GC15\_121009A

| Sample ID: <b>ICV-121009</b> | Batch ID: <b>R62911</b>     | TestNo: <b>M8015D</b>                      | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|------------------------------|-----------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>ICV</b>         | Run ID: <b>GC15_121009A</b> | Analysis Date: <b>10/9/2012 2:24:36 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                      | Result                      | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| TPH-DRO C10-C28              | 502                         | 10.0                                       | 500.0               | 0       | 100  | 80       | 120       |      |          |      |
| Surr: Isopropylbenzene       | 22.9                        |                                            | 25.00               |         | 91.7 | 47       | 142       |      |          |      |
| Surr: Octacosane             | 24.1                        |                                            | 25.00               |         | 96.5 | 25       | 162       |      |          |      |

| Sample ID: <b>CCV1-121009</b> | Batch ID: <b>R62911</b>     | TestNo: <b>M8015D</b>                      | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|-----------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>GC15_121009A</b> | Analysis Date: <b>10/9/2012 4:25:15 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                      | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| TPH-DRO C10-C28               | 288                         | 10.0                                       | 250.0               | 0       | 115  | 80       | 120       |      |          |      |
| Surr: Isopropylbenzene        | 12.5                        |                                            | 12.50               |         | 100  | 47       | 142       |      |          |      |
| Surr: Octacosane              | 13.8                        |                                            | 12.50               |         | 110  | 25       | 162       |      |          |      |

| Sample ID: <b>CCV2-121009</b> | Batch ID: <b>R62911</b>     | TestNo: <b>M8015D</b>                      | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|-----------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>GC15_121009A</b> | Analysis Date: <b>10/9/2012 6:15:25 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                      | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| TPH-DRO C10-C28               | 290                         | 10.0                                       | 250.0               | 0       | 116  | 80       | 120       |      |          |      |
| Surr: Isopropylbenzene        | 12.6                        |                                            | 12.50               |         | 101  | 47       | 142       |      |          |      |
| Surr: Octacosane              | 13.0                        |                                            | 12.50               |         | 104  | 25       | 162       |      |          |      |

| Sample ID: <b>CCV3-121009</b> | Batch ID: <b>R62911</b>     | TestNo: <b>M8015D</b>                      | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|-----------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>GC15_121009A</b> | Analysis Date: <b>10/9/2012 8:30:58 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                      | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| TPH-DRO C10-C28               | 261                         | 10.0                                       | 250.0               | 0       | 105  | 80       | 120       |      |          |      |
| Surr: Isopropylbenzene        | 12.4                        |                                            | 12.50               |         | 99.5 | 47       | 142       |      |          |      |
| Surr: Octacosane              | 12.1                        |                                            | 12.50               |         | 96.5 | 25       | 162       |      |          |      |

| Sample ID: <b>CCV4-121009</b> | Batch ID: <b>R62911</b>     | TestNo: <b>M8015D</b>                       | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|-----------------------------|---------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>GC15_121009A</b> | Analysis Date: <b>10/9/2012 10:04:13 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                      | RL                                          | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| TPH-DRO C10-C28               | 273                         | 10.0                                        | 250.0               | 0       | 109  | 80       | 120       |      |          |      |
| Surr: Isopropylbenzene        | 12.0                        |                                             | 12.50               |         | 96.3 | 47       | 142       |      |          |      |
| Surr: Octacosane              | 12.3                        |                                             | 12.50               |         | 98.1 | 25       | 162       |      |          |      |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1210021  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** GC4\_121003A

The QC data in batch 54092 applies to the following samples: 1210021-01A, 1210021-02A, 1210021-03A, 1210021-04A, 1210021-05A, 1210021-06A, 1210021-07A, 1210021-08A

|                             |                            |                                             |                             |         |      |          |           |      |          |      |
|-----------------------------|----------------------------|---------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>LCS-54092</b> | Batch ID: <b>54092</b>     | TestNo: <b>SW8021B</b>                      | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>LCS</b>        | Run ID: <b>GC4_121003A</b> | Analysis Date: <b>10/3/2012 11:52:27 AM</b> | Prep Date: <b>10/3/2012</b> |         |      |          |           |      |          |      |
| Analyte                     | Result                     | RL                                          | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |        |         |        |   |      |    |     |  |  |  |
|-------------------------|--------|---------|--------|---|------|----|-----|--|--|--|
| Benzene                 | 0.0937 | 0.00500 | 0.1000 | 0 | 93.7 | 65 | 113 |  |  |  |
| Toluene                 | 0.0954 | 0.0150  | 0.1000 | 0 | 95.4 | 73 | 115 |  |  |  |
| Ethylbenzene            | 0.0963 | 0.0150  | 0.1000 | 0 | 96.3 | 74 | 118 |  |  |  |
| Xylenes, Total          | 0.291  | 0.0150  | 0.3000 | 0 | 96.9 | 73 | 119 |  |  |  |
| Surr: Tetrachloroethene | 0.198  |         | 0.2000 |   | 98.8 | 79 | 135 |  |  |  |

|                            |                            |                                             |                             |         |      |          |           |      |          |      |
|----------------------------|----------------------------|---------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>MB-54092</b> | Batch ID: <b>54092</b>     | TestNo: <b>SW8021B</b>                      | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>MBLK</b>      | Run ID: <b>GC4_121003A</b> | Analysis Date: <b>10/3/2012 12:42:30 PM</b> | Prep Date: <b>10/3/2012</b> |         |      |          |           |      |          |      |
| Analyte                    | Result                     | RL                                          | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |         |        |  |      |    |     |  |  |  |
|-------------------------|-------|---------|--------|--|------|----|-----|--|--|--|
| Benzene                 | ND    | 0.00500 |        |  |      |    |     |  |  |  |
| Toluene                 | ND    | 0.0150  |        |  |      |    |     |  |  |  |
| Ethylbenzene            | ND    | 0.0150  |        |  |      |    |     |  |  |  |
| Xylenes, Total          | ND    | 0.0150  |        |  |      |    |     |  |  |  |
| Surr: Tetrachloroethene | 0.181 |         | 0.2000 |  | 90.5 | 79 | 135 |  |  |  |

|                          |                     |                                      |                      |         |      |          |           |      |          |      |
|--------------------------|---------------------|--------------------------------------|----------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: 1210021-08AMS | Batch ID: 54092     | TestNo: SW8021B                      | Units: mg/Kg-dry     |         |      |          |           |      |          |      |
| SampType: MS             | Run ID: GC4_121003A | Analysis Date: 10/3/2012 10:29:00 PM | Prep Date: 10/3/2012 |         |      |          |           |      |          |      |
| Analyte                  | Result              | RL                                   | SPK value            | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |         |        |   |     |    |     |  |  |  |
|-------------------------|-------|---------|--------|---|-----|----|-----|--|--|--|
| Benzene                 | 0.115 | 0.00506 | 0.1012 | 0 | 113 | 65 | 113 |  |  |  |
| Toluene                 | 0.113 | 0.0152  | 0.1012 | 0 | 111 | 73 | 115 |  |  |  |
| Ethylbenzene            | 0.112 | 0.0152  | 0.1012 | 0 | 110 | 74 | 118 |  |  |  |
| Xylenes, Total          | 0.337 | 0.0152  | 0.3037 | 0 | 111 | 73 | 119 |  |  |  |
| Surr: Tetrachloroethene | 0.233 |         | 0.2024 |   | 115 | 79 | 135 |  |  |  |

|                           |                     |                                      |                      |         |      |          |           |      |          |      |
|---------------------------|---------------------|--------------------------------------|----------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: 1210021-08AMSD | Batch ID: 54092     | TestNo: SW8021B                      | Units: mg/Kg-dry     |         |      |          |           |      |          |      |
| SampType: MSD             | Run ID: GC4_121003A | Analysis Date: 10/3/2012 10:53:56 PM | Prep Date: 10/3/2012 |         |      |          |           |      |          |      |
| Analyte                   | Result              | RL                                   | SPK value            | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |         |         |   |     |    |     |      |    |   |
|-------------------------|-------|---------|---------|---|-----|----|-----|------|----|---|
| Benzene                 | 0.112 | 0.00487 | 0.09744 | 0 | 115 | 65 | 113 | 2.45 | 30 | S |
| Toluene                 | 0.108 | 0.0146  | 0.09744 | 0 | 110 | 73 | 115 | 4.56 | 30 |   |
| Ethylbenzene            | 0.107 | 0.0146  | 0.09744 | 0 | 110 | 74 | 118 | 3.88 | 30 |   |
| Xylenes, Total          | 0.324 | 0.0146  | 0.2923  | 0 | 111 | 73 | 119 | 3.77 | 30 |   |
| Surr: Tetrachloroethene | 0.224 |         | 0.1949  |   | 115 | 79 | 135 | 0    | 0  |   |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL  
DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1210021  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** GC4\_121003A

The QC data in batch 54095 applies to the following samples: 1210021-09A, 1210021-10A, 1210021-11A, 1210021-12A, 1210021-13A, 1210021-14A

|                             |                            |                                             |                             |
|-----------------------------|----------------------------|---------------------------------------------|-----------------------------|
| Sample ID: <b>LCS-54095</b> | Batch ID: <b>54095</b>     | TestNo: <b>SW8021B</b>                      | Units: <b>mg/Kg</b>         |
| SampType: <b>LCS</b>        | Run ID: <b>GC4_121003A</b> | Analysis Date: <b>10/3/2012 11:46:19 PM</b> | Prep Date: <b>10/3/2012</b> |

| Analyte                 | Result | RL      | SPK value | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|-------------------------|--------|---------|-----------|---------|------|----------|-----------|------|----------|------|
| Benzene                 | 0.106  | 0.00500 | 0.1000    | 0       | 106  | 65       | 113       |      |          |      |
| Toluene                 | 0.107  | 0.0150  | 0.1000    | 0       | 107  | 73       | 115       |      |          |      |
| Ethylbenzene            | 0.109  | 0.0150  | 0.1000    | 0       | 109  | 74       | 118       |      |          |      |
| Xylenes, Total          | 0.327  | 0.0150  | 0.3000    | 0       | 109  | 73       | 119       |      |          |      |
| Surr: Tetrachloroethene | 0.195  |         | 0.2000    |         | 97.5 | 79       | 135       |      |          |      |

|                            |                            |                                             |                             |
|----------------------------|----------------------------|---------------------------------------------|-----------------------------|
| Sample ID: <b>MB-54095</b> | Batch ID: <b>54095</b>     | TestNo: <b>SW8021B</b>                      | Units: <b>mg/Kg</b>         |
| SampType: <b>MBLK</b>      | Run ID: <b>GC4_121003A</b> | Analysis Date: <b>10/4/2012 12:36:46 AM</b> | Prep Date: <b>10/3/2012</b> |

| Analyte                 | Result | RL      | SPK value | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|-------------------------|--------|---------|-----------|---------|------|----------|-----------|------|----------|------|
| Benzene                 | ND     | 0.00500 |           |         |      |          |           |      |          |      |
| Toluene                 | ND     | 0.0150  |           |         |      |          |           |      |          |      |
| Ethylbenzene            | ND     | 0.0150  |           |         |      |          |           |      |          |      |
| Xylenes, Total          | ND     | 0.0150  |           |         |      |          |           |      |          |      |
| Surr: Tetrachloroethene | 0.194  |         | 0.2000    |         | 97.0 | 79       | 135       |      |          |      |

|                                 |                            |                                            |                             |
|---------------------------------|----------------------------|--------------------------------------------|-----------------------------|
| Sample ID: <b>1210021-14AMS</b> | Batch ID: <b>54095</b>     | TestNo: <b>SW8021B</b>                     | Units: <b>mg/Kg-dry</b>     |
| SampType: <b>MS</b>             | Run ID: <b>GC4_121003A</b> | Analysis Date: <b>10/4/2012 3:34:54 AM</b> | Prep Date: <b>10/3/2012</b> |

| Analyte                 | Result | RL      | SPK value | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|-------------------------|--------|---------|-----------|---------|------|----------|-----------|------|----------|------|
| Benzene                 | 0.107  | 0.00490 | 0.09804   | 0       | 109  | 65       | 113       |      |          |      |
| Toluene                 | 0.104  | 0.0147  | 0.09804   | 0       | 106  | 73       | 115       |      |          |      |
| Ethylbenzene            | 0.102  | 0.0147  | 0.09804   | 0       | 104  | 74       | 118       |      |          |      |
| Xylenes, Total          | 0.307  | 0.0147  | 0.2941    | 0       | 104  | 73       | 119       |      |          |      |
| Surr: Tetrachloroethene | 0.224  |         | 0.1961    |         | 114  | 79       | 135       |      |          |      |

|                                  |                            |                                            |                             |
|----------------------------------|----------------------------|--------------------------------------------|-----------------------------|
| Sample ID: <b>1210021-14AMSD</b> | Batch ID: <b>54095</b>     | TestNo: <b>SW8021B</b>                     | Units: <b>mg/Kg-dry</b>     |
| SampType: <b>MSD</b>             | Run ID: <b>GC4_121003A</b> | Analysis Date: <b>10/4/2012 4:00:52 AM</b> | Prep Date: <b>10/3/2012</b> |

| Analyte                 | Result | RL      | SPK value | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|-------------------------|--------|---------|-----------|---------|------|----------|-----------|------|----------|------|
| Benzene                 | 0.109  | 0.00502 | 0.1003    | 0       | 109  | 65       | 113       | 1.43 | 30       |      |
| Toluene                 | 0.106  | 0.0150  | 0.1003    | 0       | 105  | 73       | 115       | 1.87 | 30       |      |
| Ethylbenzene            | 0.104  | 0.0150  | 0.1003    | 0       | 104  | 74       | 118       | 1.85 | 30       |      |
| Xylenes, Total          | 0.313  | 0.0150  | 0.3009    | 0       | 104  | 73       | 119       | 1.84 | 30       |      |
| Surr: Tetrachloroethene | 0.225  |         | 0.2006    |         | 112  | 79       | 135       | 0    | 0        |      |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1210021  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** GC4\_121003A

|                              |                            |                                             |                     |         |      |          |           |      |          |      |
|------------------------------|----------------------------|---------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>ICV-121003</b> | Batch ID: <b>R62819</b>    | TestNo: <b>SW8021B</b>                      | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
| SampType: <b>ICV</b>         | Run ID: <b>GC4_121003A</b> | Analysis Date: <b>10/3/2012 11:26:10 AM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                      | Result                     | RL                                          | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |         |        |   |      |    |     |  |  |  |
|-------------------------|-------|---------|--------|---|------|----|-----|--|--|--|
| Benzene                 | 0.196 | 0.00500 | 0.2000 | 0 | 98.0 | 80 | 120 |  |  |  |
| Toluene                 | 0.198 | 0.0150  | 0.2000 | 0 | 98.9 | 80 | 120 |  |  |  |
| Ethylbenzene            | 0.199 | 0.0150  | 0.2000 | 0 | 99.3 | 80 | 120 |  |  |  |
| Xylenes, Total          | 0.600 | 0.0150  | 0.6000 | 0 | 100  | 80 | 120 |  |  |  |
| Surr: Tetrachloroethene | 0.204 |         | 0.2000 |   | 102  | 79 | 135 |  |  |  |

|                               |                            |                                            |                     |         |      |          |           |      |          |      |
|-------------------------------|----------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>CCV1-121003</b> | Batch ID: <b>R62819</b>    | TestNo: <b>SW8021B</b>                     | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
| SampType: <b>CCV</b>          | Run ID: <b>GC4_121003A</b> | Analysis Date: <b>10/3/2012 5:21:47 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                     | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |         |        |   |      |    |     |  |  |  |
|-------------------------|-------|---------|--------|---|------|----|-----|--|--|--|
| Benzene                 | 0.103 | 0.00500 | 0.1000 | 0 | 103  | 80 | 120 |  |  |  |
| Toluene                 | 0.104 | 0.0150  | 0.1000 | 0 | 104  | 80 | 120 |  |  |  |
| Ethylbenzene            | 0.105 | 0.0150  | 0.1000 | 0 | 105  | 80 | 120 |  |  |  |
| Xylenes, Total          | 0.316 | 0.0150  | 0.3000 | 0 | 105  | 80 | 120 |  |  |  |
| Surr: Tetrachloroethene | 0.196 |         | 0.2000 |   | 97.9 | 79 | 135 |  |  |  |

|                               |                            |                                             |                     |         |      |          |           |      |          |      |
|-------------------------------|----------------------------|---------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>CCV2-121003</b> | Batch ID: <b>R62819</b>    | TestNo: <b>SW8021B</b>                      | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
| SampType: <b>CCV</b>          | Run ID: <b>GC4_121003A</b> | Analysis Date: <b>10/3/2012 11:20:03 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                     | RL                                          | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |         |        |   |      |    |     |  |  |  |
|-------------------------|-------|---------|--------|---|------|----|-----|--|--|--|
| Benzene                 | 0.106 | 0.00500 | 0.1000 | 0 | 106  | 80 | 120 |  |  |  |
| Toluene                 | 0.107 | 0.0150  | 0.1000 | 0 | 107  | 80 | 120 |  |  |  |
| Ethylbenzene            | 0.108 | 0.0150  | 0.1000 | 0 | 108  | 80 | 120 |  |  |  |
| Xylenes, Total          | 0.325 | 0.0150  | 0.3000 | 0 | 108  | 80 | 120 |  |  |  |
| Surr: Tetrachloroethene | 0.199 |         | 0.2000 |   | 99.6 | 79 | 135 |  |  |  |

|                               |                            |                                            |                     |         |      |          |           |      |          |      |
|-------------------------------|----------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>CCV3-121003</b> | Batch ID: <b>R62819</b>    | TestNo: <b>SW8021B</b>                     | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
| SampType: <b>CCV</b>          | Run ID: <b>GC4_121003A</b> | Analysis Date: <b>10/4/2012 4:27:25 AM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                     | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |         |        |   |      |    |     |  |  |  |
|-------------------------|-------|---------|--------|---|------|----|-----|--|--|--|
| Benzene                 | 0.104 | 0.00500 | 0.1000 | 0 | 104  | 80 | 120 |  |  |  |
| Toluene                 | 0.104 | 0.0150  | 0.1000 | 0 | 104  | 80 | 120 |  |  |  |
| Ethylbenzene            | 0.107 | 0.0150  | 0.1000 | 0 | 107  | 80 | 120 |  |  |  |
| Xylenes, Total          | 0.322 | 0.0150  | 0.3000 | 0 | 107  | 80 | 120 |  |  |  |
| Surr: Tetrachloroethene | 0.191 |         | 0.2000 |   | 95.7 | 79 | 135 |  |  |  |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1210021  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** GC4\_121005A

The QC data in batch 54128 applies to the following samples: 1210021-01A, 1210021-02A, 1210021-03A, 1210021-04A, 1210021-05A, 1210021-06A, 1210021-07A, 1210021-08A

|                             |                            |                                             |                             |         |      |          |           |      |          |      |
|-----------------------------|----------------------------|---------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>LCS-54128</b> | Batch ID: <b>54128</b>     | TestNo: <b>M8015V</b>                       | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>LCS</b>        | Run ID: <b>GC4_121005A</b> | Analysis Date: <b>10/5/2012 11:06:57 AM</b> | Prep Date: <b>10/5/2012</b> |         |      |          |           |      |          |      |
| Analyte                     | Result                     | RL                                          | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |       |        |   |      |    |     |  |  |  |
|-------------------------|-------|-------|--------|---|------|----|-----|--|--|--|
| Gasoline Range Organics | 4.74  | 0.200 | 5.000  | 0 | 94.9 | 68 | 126 |  |  |  |
| Surr: Tetrachlorethene  | 0.360 |       | 0.4000 |   | 90.1 | 70 | 134 |  |  |  |

|                            |                            |                                             |                             |         |      |          |           |      |          |      |
|----------------------------|----------------------------|---------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>MB-54128</b> | Batch ID: <b>54128</b>     | TestNo: <b>M8015V</b>                       | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>MBLK</b>      | Run ID: <b>GC4_121005A</b> | Analysis Date: <b>10/5/2012 11:58:02 AM</b> | Prep Date: <b>10/5/2012</b> |         |      |          |           |      |          |      |
| Analyte                    | Result                     | RL                                          | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |       |        |  |      |    |     |  |  |  |
|-------------------------|-------|-------|--------|--|------|----|-----|--|--|--|
| Gasoline Range Organics | ND    | 0.200 |        |  |      |    |     |  |  |  |
| Surr: Tetrachlorethene  | 0.372 |       | 0.4000 |  | 93.0 | 70 | 134 |  |  |  |

|                          |                     |                                      |                      |         |      |          |           |      |          |      |
|--------------------------|---------------------|--------------------------------------|----------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: 1210021-08AMS | Batch ID: 54128     | TestNo: M8015V                       | Units: mg/Kg-dry     |         |      |          |           |      |          |      |
| SampType: MS             | Run ID: GC4_121005A | Analysis Date: 10/5/2012 10:15:19 PM | Prep Date: 10/5/2012 |         |      |          |           |      |          |      |
| Analyte                  | Result              | RL                                   | SPK value            | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |       |        |   |      |    |     |  |  |  |
|-------------------------|-------|-------|--------|---|------|----|-----|--|--|--|
| Gasoline Range Organics | 4.15  | 0.202 | 5.061  | 0 | 81.9 | 68 | 126 |  |  |  |
| Surr: Tetrachlorethene  | 0.475 |       | 0.4049 |   | 117  | 70 | 134 |  |  |  |

|                           |                     |                                      |                      |         |      |          |           |      |          |      |
|---------------------------|---------------------|--------------------------------------|----------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: 1210021-08AMSD | Batch ID: 54128     | TestNo: M8015V                       | Units: mg/Kg-dry     |         |      |          |           |      |          |      |
| SampType: MSD             | Run ID: GC4_121005A | Analysis Date: 10/5/2012 10:41:23 PM | Prep Date: 10/5/2012 |         |      |          |           |      |          |      |
| Analyte                   | Result              | RL                                   | SPK value            | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |       |        |   |      |    |     |      |    |  |
|-------------------------|-------|-------|--------|---|------|----|-----|------|----|--|
| Gasoline Range Organics | 4.00  | 0.204 | 5.091  | 0 | 78.5 | 68 | 126 | 3.66 | 30 |  |
| Surr: Tetrachlorethene  | 0.469 |       | 0.4073 |   | 115  | 70 | 134 | 0    | 0  |  |

**Qualifiers:**

|    |                                                 |     |                                       |
|----|-------------------------------------------------|-----|---------------------------------------|
| B  | Analyte detected in the associated Method Blank | DF  | Dilution Factor                       |
| J  | Analyte detected between MDL and RL             | MDL | Method Detection Limit                |
| ND | Not Detected at the Method Detection Limit      | R   | RPD outside accepted control limits   |
| RL | Reporting Limit                                 | S   | Spike Recovery outside control limits |
| J  | Analyte detected between SDL and RL             | N   | Parameter not NELAC certified         |

**CLIENT:** Larson & Associates  
**Work Order:** 1210021  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** GC4\_121005A

|                              |                            |                                             |                     |         |      |          |           |      |          |      |
|------------------------------|----------------------------|---------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>ICV-121005</b> | Batch ID: <b>R62866</b>    | TestNo: <b>M8015V</b>                       | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
| SampType: <b>ICV</b>         | Run ID: <b>GC4_121005A</b> | Analysis Date: <b>10/5/2012 10:40:45 AM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                      | Result                     | RL                                          | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |       |        |   |      |    |     |  |  |  |
|-------------------------|-------|-------|--------|---|------|----|-----|--|--|--|
| Gasoline Range Organics | 8.78  | 0.200 | 10.00  | 0 | 87.8 | 80 | 120 |  |  |  |
| Surr: Tetrachlorethene  | 0.373 |       | 0.4000 |   | 93.2 | 70 | 134 |  |  |  |

|                               |                            |                                            |                     |         |      |          |           |      |          |      |
|-------------------------------|----------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>CCV1-121005</b> | Batch ID: <b>R62866</b>    | TestNo: <b>M8015V</b>                      | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
| SampType: <b>CCV</b>          | Run ID: <b>GC4_121005A</b> | Analysis Date: <b>10/5/2012 5:08:42 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                     | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |       |        |   |      |    |     |  |  |  |
|-------------------------|-------|-------|--------|---|------|----|-----|--|--|--|
| Gasoline Range Organics | 5.43  | 0.200 | 5.000  | 0 | 109  | 80 | 120 |  |  |  |
| Surr: Tetrachlorethene  | 0.395 |       | 0.4000 |   | 98.8 | 70 | 134 |  |  |  |

|                               |                            |                                             |                     |         |      |          |           |      |          |      |
|-------------------------------|----------------------------|---------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>CCV2-121005</b> | Batch ID: <b>R62866</b>    | TestNo: <b>M8015V</b>                       | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
| SampType: <b>CCV</b>          | Run ID: <b>GC4_121005A</b> | Analysis Date: <b>10/5/2012 11:06:59 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                     | RL                                          | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |       |        |   |      |    |     |  |  |  |
|-------------------------|-------|-------|--------|---|------|----|-----|--|--|--|
| Gasoline Range Organics | 5.15  | 0.200 | 5.000  | 0 | 103  | 80 | 120 |  |  |  |
| Surr: Tetrachlorethene  | 0.392 |       | 0.4000 |   | 98.0 | 70 | 134 |  |  |  |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- RL Reporting Limit
- J Analyte detected between SDL and RL

- DF Dilution Factor
- MDL Method Detection Limit
- R RPD outside accepted control limits
- S Spike Recovery outside control limits
- N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1210021  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** GC4\_121005B

The QC data in batch 54133 applies to the following samples: 1210021-09A, 1210021-10A, 1210021-11A, 1210021-12A, 1210021-13A, 1210021-14A

| Sample ID: <b>LCS-54133</b> | Batch ID: <b>54133</b>     | TestNo: <b>M8015V</b>                       | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
|-----------------------------|----------------------------|---------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>LCS</b>        | Run ID: <b>GC4_121005B</b> | Analysis Date: <b>10/5/2012 11:31:42 PM</b> | Prep Date: <b>10/5/2012</b> |         |      |          |           |      |          |      |
| Analyte                     | Result                     | RL                                          | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics     | 5.39                       | 0.200                                       | 5.000                       | 0       | 108  | 68       | 126       |      |          |      |
| Surr: Tetrachlorethene      | 0.400                      |                                             | 0.4000                      |         | 100  | 70       | 134       |      |          |      |

| Sample ID: <b>MB-54133</b> | Batch ID: <b>54133</b>     | TestNo: <b>M8015V</b>                       | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
|----------------------------|----------------------------|---------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>MBLK</b>      | Run ID: <b>GC4_121005B</b> | Analysis Date: <b>10/6/2012 12:23:24 AM</b> | Prep Date: <b>10/5/2012</b> |         |      |          |           |      |          |      |
| Analyte                    | Result                     | RL                                          | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics    | ND                         | 0.200                                       |                             |         |      |          |           |      |          |      |
| Surr: Tetrachlorethene     | 0.400                      |                                             | 0.4000                      |         | 99.9 | 70       | 134       |      |          |      |

| Sample ID: 1210021-14AMS | Batch ID: 54133     | TestNo: M8015V                      | Units: mg/Kg-dry     |         |      |          |           |      |          |      |
|--------------------------|---------------------|-------------------------------------|----------------------|---------|------|----------|-----------|------|----------|------|
| SampType: MS             | Run ID: GC4_121005B | Analysis Date: 10/6/2012 3:20:56 AM | Prep Date: 10/5/2012 |         |      |          |           |      |          |      |
| Analyte                  | Result              | RL                                  | SPK value            | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics  | 3.79                | 0.195                               | 4.884                | 0       | 77.7 | 68       | 126       |      |          |      |
| Surr: Tetrachlorethene   | 0.434               |                                     | 0.3907               |         | 111  | 70       | 134       |      |          |      |

|                           |        |                     |           |                                     |      |                      |           |      |          |      |
|---------------------------|--------|---------------------|-----------|-------------------------------------|------|----------------------|-----------|------|----------|------|
| Sample ID: 1210021-14AMSD |        | Batch ID: 54133     |           | TestNo: M8015V                      |      | Units: mg/Kg-dry     |           |      |          |      |
| SampType: MSD             |        | Run ID: GC4_121005B |           | Analysis Date: 10/6/2012 3:47:05 AM |      | Prep Date: 10/5/2012 |           |      |          |      |
| Analyte                   | Result | RL                  | SPK value | Ref Val                             | %REC | LowLimit             | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics   | 3.83   | 0.202               | 5.055     | 0                                   | 75.8 | 68                   | 126       | 1.05 | 30       |      |
| Surr: Tetrachlorethene    | 0.447  |                     | 0.4044    |                                     | 110  | 70                   | 134       | 0    | 0        |      |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- RL Reporting Limit
- J Analyte detected between SDL and RL

- DF Dilution Factor
- MDL Method Detection Limit
- R RPD outside accepted control limits
- S Spike Recovery outside control limits
- N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1210021  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** GC4\_121005B

|                              |                            |                                             |                     |         |      |          |           |      |          |      |
|------------------------------|----------------------------|---------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>ICV-121005</b> | Batch ID: <b>R62868</b>    | TestNo: <b>M8015V</b>                       | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
| SampType: <b>ICV</b>         | Run ID: <b>GC4_121005B</b> | Analysis Date: <b>10/5/2012 10:40:45 AM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                      | Result                     | RL                                          | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |       |        |   |      |    |     |  |  |  |
|-------------------------|-------|-------|--------|---|------|----|-----|--|--|--|
| Gasoline Range Organics | 8.78  | 0.200 | 10.00  | 0 | 87.8 | 80 | 120 |  |  |  |
| Surr: Tetrachlorethene  | 0.373 |       | 0.4000 |   | 93.2 | 70 | 134 |  |  |  |

|                               |                            |                                             |                     |         |      |          |           |      |          |      |
|-------------------------------|----------------------------|---------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>CCV2-121005</b> | Batch ID: <b>R62868</b>    | TestNo: <b>M8015V</b>                       | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
| SampType: <b>CCV</b>          | Run ID: <b>GC4_121005B</b> | Analysis Date: <b>10/5/2012 11:06:59 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                     | RL                                          | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |       |        |   |      |    |     |  |  |  |
|-------------------------|-------|-------|--------|---|------|----|-----|--|--|--|
| Gasoline Range Organics | 5.15  | 0.200 | 5.000  | 0 | 103  | 80 | 120 |  |  |  |
| Surr: Tetrachlorethene  | 0.392 |       | 0.4000 |   | 98.0 | 70 | 134 |  |  |  |

|                               |                            |                                            |                     |         |      |          |           |      |          |      |
|-------------------------------|----------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>CCV3-121005</b> | Batch ID: <b>R62868</b>    | TestNo: <b>M8015V</b>                      | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
| SampType: <b>CCV</b>          | Run ID: <b>GC4_121005B</b> | Analysis Date: <b>10/6/2012 4:13:22 AM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                     | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                         |       |       |        |   |      |    |     |  |  |  |
|-------------------------|-------|-------|--------|---|------|----|-----|--|--|--|
| Gasoline Range Organics | 5.37  | 0.200 | 5.000  | 0 | 107  | 80 | 120 |  |  |  |
| Surr: Tetrachlorethene  | 0.389 |       | 0.4000 |   | 97.3 | 70 | 134 |  |  |  |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- RL Reporting Limit
- J Analyte detected between SDL and RL

- DF Dilution Factor
- MDL Method Detection Limit
- R RPD outside accepted control limits
- S Spike Recovery outside control limits
- N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1210021  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** CETAC\_HG\_121009A

The QC data in batch 54096 applies to the following samples: 1210021-01B, 1210021-02B, 1210021-03B, 1210021-04B, 1210021-05B, 1210021-06B, 1210021-07B, 1210021-08B, 1210021-09B, 1210021-10B, 1210021-11B, 1210021-12B, 1210021-13B, 1210021-14B

|                            |                                 |                                            |                             |         |      |          |           |      |          |      |
|----------------------------|---------------------------------|--------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>MB-54096</b> | Batch ID: <b>54096</b>          | TestNo: <b>SW7471B</b>                     | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>MBLK</b>      | Run ID: <b>CETAC_HG_121009A</b> | Analysis Date: <b>10/9/2012 2:29:37 PM</b> | Prep Date: <b>10/4/2012</b> |         |      |          |           |      |          |      |
| Analyte                    | Result                          | RL                                         | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|         |    |        |  |  |  |  |  |  |  |  |
|---------|----|--------|--|--|--|--|--|--|--|--|
| Mercury | ND | 0.0400 |  |  |  |  |  |  |  |  |
|---------|----|--------|--|--|--|--|--|--|--|--|

|                             |                                 |                                            |                             |         |      |          |           |      |          |      |
|-----------------------------|---------------------------------|--------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>LCS-54096</b> | Batch ID: <b>54096</b>          | TestNo: <b>SW7471B</b>                     | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>LCS</b>        | Run ID: <b>CETAC_HG_121009A</b> | Analysis Date: <b>10/9/2012 2:33:41 PM</b> | Prep Date: <b>10/4/2012</b> |         |      |          |           |      |          |      |
| Analyte                     | Result                          | RL                                         | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|         |       |        |        |   |     |    |     |  |  |  |
|---------|-------|--------|--------|---|-----|----|-----|--|--|--|
| Mercury | 0.207 | 0.0400 | 0.2000 | 0 | 104 | 85 | 115 |  |  |  |
|---------|-------|--------|--------|---|-----|----|-----|--|--|--|

|                              |                                 |                                            |                             |         |      |          |           |      |          |      |
|------------------------------|---------------------------------|--------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>LCSD-54096</b> | Batch ID: <b>54096</b>          | TestNo: <b>SW7471B</b>                     | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>LCSD</b>        | Run ID: <b>CETAC_HG_121009A</b> | Analysis Date: <b>10/9/2012 2:35:43 PM</b> | Prep Date: <b>10/4/2012</b> |         |      |          |           |      |          |      |
| Analyte                      | Result                          | RL                                         | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|         |       |        |        |   |     |    |     |      |    |  |
|---------|-------|--------|--------|---|-----|----|-----|------|----|--|
| Mercury | 0.210 | 0.0400 | 0.2000 | 0 | 105 | 85 | 115 | 1.44 | 25 |  |
|---------|-------|--------|--------|---|-----|----|-----|------|----|--|

|                           |                          |                                     |                      |         |      |          |           |      |          |      |
|---------------------------|--------------------------|-------------------------------------|----------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: 1210021-14B SD | Batch ID: 54096          | TestNo: SW7471B                     | Units: mg/Kg-dry     |         |      |          |           |      |          |      |
| SampType: SD              | Run ID: CETAC_HG_121009A | Analysis Date: 10/9/2012 2:43:52 PM | Prep Date: 10/4/2012 |         |      |          |           |      |          |      |
| Analyte                   | Result                   | RL                                  | SPK value            | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|         |   |       |   |   |  |  |  |   |    |  |
|---------|---|-------|---|---|--|--|--|---|----|--|
| Mercury | 0 | 0.173 | 0 | 0 |  |  |  | 0 | 10 |  |
|---------|---|-------|---|---|--|--|--|---|----|--|

|                            |                          |                                     |                      |         |      |          |           |      |          |      |
|----------------------------|--------------------------|-------------------------------------|----------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: 1210021-14B PDS | Batch ID: 54096          | TestNo: SW7471B                     | Units: mg/Kg-dry     |         |      |          |           |      |          |      |
| SampType: PDS              | Run ID: CETAC_HG_121009A | Analysis Date: 10/9/2012 2:45:55 PM | Prep Date: 10/4/2012 |         |      |          |           |      |          |      |
| Analyte                    | Result                   | RL                                  | SPK value            | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|         |       |        |        |   |     |    |     |  |  |  |
|---------|-------|--------|--------|---|-----|----|-----|--|--|--|
| Mercury | 0.238 | 0.0347 | 0.2167 | 0 | 110 | 85 | 115 |  |  |  |
|---------|-------|--------|--------|---|-----|----|-----|--|--|--|

|                           |                          |                                     |                      |         |      |          |           |      |          |      |
|---------------------------|--------------------------|-------------------------------------|----------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: 1210021-14B MS | Batch ID: 54096          | TestNo: SW7471B                     | Units: mg/Kg-dry     |         |      |          |           |      |          |      |
| SampType: MS              | Run ID: CETAC_HG_121009A | Analysis Date: 10/9/2012 2:47:58 PM | Prep Date: 10/4/2012 |         |      |          |           |      |          |      |
| Analyte                   | Result                   | RL                                  | SPK value            | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|         |       |        |        |   |     |    |     |  |  |  |
|---------|-------|--------|--------|---|-----|----|-----|--|--|--|
| Mercury | 0.197 | 0.0347 | 0.1733 | 0 | 114 | 80 | 120 |  |  |  |
|---------|-------|--------|--------|---|-----|----|-----|--|--|--|

|                                   |                                 |                                            |                             |         |      |          |           |      |          |      |
|-----------------------------------|---------------------------------|--------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>1210021-14B MSD</b> | Batch ID: <b>54096</b>          | TestNo: <b>SW7471B</b>                     | Units: <b>mg/Kg-dry</b>     |         |      |          |           |      |          |      |
| SampType: <b>MSD</b>              | Run ID: <b>CETAC_HG_121009A</b> | Analysis Date: <b>10/9/2012 2:54:09 PM</b> | Prep Date: <b>10/4/2012</b> |         |      |          |           |      |          |      |
| Analyte                           | Result                          | RL                                         | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|         |       |        |        |   |     |    |     |       |    |  |
|---------|-------|--------|--------|---|-----|----|-----|-------|----|--|
| Mercury | 0.196 | 0.0350 | 0.1749 | 0 | 112 | 80 | 120 | 0.391 | 25 |  |
|---------|-------|--------|--------|---|-----|----|-----|-------|----|--|

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL  
DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1210021  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** CETAC\_HG\_121009A

| Sample ID: <b>ICV-121009</b> | Batch ID: <b>R62913</b>         | TestNo: <b>SW7471B</b>                     | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|------------------------------|---------------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>ICV</b>         | Run ID: <b>CETAC_HG_121009A</b> | Analysis Date: <b>10/9/2012 2:25:32 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                      | Result                          | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Mercury                      | 0.00388                         | 0.0400                                     | 0.004000            | 0       | 97.0 | 90       | 110       |      |          |      |

| Sample ID: <b>CCV1-121009</b> | Batch ID: <b>R62913</b>         | TestNo: <b>SW7471B</b>                     | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|---------------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>CETAC_HG_121009A</b> | Analysis Date: <b>10/9/2012 2:50:03 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                          | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Mercury                       | 0.00197                         | 0.0400                                     | 0.002000            | 0       | 98.5 | 90       | 110       |      |          |      |

| Sample ID: <b>CCV2-121009</b> | Batch ID: <b>R62913</b>         | TestNo: <b>SW7471B</b>                     | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|---------------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>CETAC_HG_121009A</b> | Analysis Date: <b>10/9/2012 3:14:41 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                          | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Mercury                       | 0.00200                         | 0.0400                                     | 0.002000            | 0       | 100  | 90       | 110       |      |          |      |

| Sample ID: <b>CCV3-121009</b> | Batch ID: <b>R62913</b>         | TestNo: <b>SW7471B</b>                     | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|---------------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>CETAC_HG_121009A</b> | Analysis Date: <b>10/9/2012 3:39:25 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                          | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Mercury                       | 0.00203                         | 0.0400                                     | 0.002000            | 0       | 102  | 90       | 110       |      |          |      |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- RL Reporting Limit
- J Analyte detected between SDL and RL

- DF Dilution Factor
- MDL Method Detection Limit
- R RPD outside accepted control limits
- S Spike Recovery outside control limits
- N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1210021  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** ICP-MS2\_121008A

The QC data in batch 54094 applies to the following samples: 1210021-01B, 1210021-02B, 1210021-03B, 1210021-04B, 1210021-05B, 1210021-06B, 1210021-07B, 1210021-08B, 1210021-09B, 1210021-10B, 1210021-11B, 1210021-12B, 1210021-13B, 1210021-14B

|                            |                                |                                            |                             |         |      |          |           |      |          |      |
|----------------------------|--------------------------------|--------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>MB-54094</b> | Batch ID: <b>54094</b>         | TestNo: <b>SW6020A</b>                     | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>MBLK</b>      | Run ID: <b>ICP-MS2_121008A</b> | Analysis Date: <b>10/8/2012 3:25:00 PM</b> | Prep Date: <b>10/4/2012</b> |         |      |          |           |      |          |      |
| Analyte                    | Result                         | RL                                         | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|           |    |       |  |  |  |  |  |  |  |  |
|-----------|----|-------|--|--|--|--|--|--|--|--|
| Arsenic   | ND | 1.00  |  |  |  |  |  |  |  |  |
| Barium    | ND | 2.00  |  |  |  |  |  |  |  |  |
| Cadmium   | ND | 0.300 |  |  |  |  |  |  |  |  |
| Chromium  | ND | 2.00  |  |  |  |  |  |  |  |  |
| Copper    | ND | 2.00  |  |  |  |  |  |  |  |  |
| Iron      | ND | 12.5  |  |  |  |  |  |  |  |  |
| Lead      | ND | 0.300 |  |  |  |  |  |  |  |  |
| Manganese | ND | 2.00  |  |  |  |  |  |  |  |  |
| Selenium  | ND | 0.500 |  |  |  |  |  |  |  |  |
| Silver    | ND | 0.200 |  |  |  |  |  |  |  |  |
| Zinc      | ND | 2.50  |  |  |  |  |  |  |  |  |

|                             |                                |                                            |                             |         |      |          |           |      |          |      |
|-----------------------------|--------------------------------|--------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>LCS-54094</b> | Batch ID: <b>54094</b>         | TestNo: <b>SW6020A</b>                     | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>LCS</b>        | Run ID: <b>ICP-MS2_121008A</b> | Analysis Date: <b>10/8/2012 3:32:00 PM</b> | Prep Date: <b>10/4/2012</b> |         |      |          |           |      |          |      |
| Analyte                     | Result                         | RL                                         | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|           |      |       |       |   |      |    |     |  |  |  |
|-----------|------|-------|-------|---|------|----|-----|--|--|--|
| Arsenic   | 49.8 | 1.00  | 50.00 | 0 | 99.6 | 80 | 120 |  |  |  |
| Barium    | 51.2 | 2.00  | 50.00 | 0 | 102  | 80 | 120 |  |  |  |
| Cadmium   | 51.1 | 0.300 | 50.00 | 0 | 102  | 80 | 120 |  |  |  |
| Chromium  | 54.0 | 2.00  | 50.00 | 0 | 108  | 80 | 120 |  |  |  |
| Copper    | 51.2 | 2.00  | 50.00 | 0 | 103  | 80 | 120 |  |  |  |
| Iron      | 264  | 12.5  | 250.0 | 0 | 106  | 80 | 120 |  |  |  |
| Lead      | 50.6 | 0.300 | 50.00 | 0 | 101  | 80 | 120 |  |  |  |
| Manganese | 54.0 | 2.00  | 50.00 | 0 | 108  | 80 | 120 |  |  |  |
| Selenium  | 49.2 | 0.500 | 50.00 | 0 | 98.5 | 80 | 120 |  |  |  |
| Silver    | 52.7 | 0.200 | 50.00 | 0 | 105  | 80 | 120 |  |  |  |
| Zinc      | 49.7 | 2.50  | 50.00 | 0 | 99.4 | 80 | 120 |  |  |  |

|                              |                                |                                            |                             |         |      |          |           |      |          |      |
|------------------------------|--------------------------------|--------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>LCSD-54094</b> | Batch ID: <b>54094</b>         | TestNo: <b>SW6020A</b>                     | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>LCSD</b>        | Run ID: <b>ICP-MS2_121008A</b> | Analysis Date: <b>10/8/2012 3:38:00 PM</b> | Prep Date: <b>10/4/2012</b> |         |      |          |           |      |          |      |
| Analyte                      | Result                         | RL                                         | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |      |       |       |   |      |    |     |       |    |  |
|----------|------|-------|-------|---|------|----|-----|-------|----|--|
| Arsenic  | 49.8 | 1.00  | 50.00 | 0 | 99.6 | 80 | 120 | 0     | 20 |  |
| Barium   | 51.0 | 2.00  | 50.00 | 0 | 102  | 80 | 120 | 0.538 | 20 |  |
| Cadmium  | 50.7 | 0.300 | 50.00 | 0 | 101  | 80 | 120 | 0.639 | 20 |  |
| Chromium | 54.4 | 2.00  | 50.00 | 0 | 109  | 80 | 120 | 0.737 | 20 |  |
| Copper   | 51.5 | 2.00  | 50.00 | 0 | 103  | 80 | 120 | 0.438 | 20 |  |
| Iron     | 265  | 12.5  | 250.0 | 0 | 106  | 80 | 120 | 0.378 | 20 |  |
| Lead     | 50.7 | 0.300 | 50.00 | 0 | 101  | 80 | 120 | 0.197 | 20 |  |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL  
DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1210021  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** ICP-MS2\_121008A

| Sample ID: <b>LCSD-54094</b> | Batch ID: <b>54094</b>         | TestNo: <b>SW6020A</b>                     |           |         |      | Units: <b>mg/Kg</b>         |           |       |          |      |
|------------------------------|--------------------------------|--------------------------------------------|-----------|---------|------|-----------------------------|-----------|-------|----------|------|
| SampType: <b>LCSD</b>        | Run ID: <b>ICP-MS2_121008A</b> | Analysis Date: <b>10/8/2012 3:38:00 PM</b> |           |         |      | Prep Date: <b>10/4/2012</b> |           |       |          |      |
| Analyte                      | Result                         | RL                                         | SPK value | Ref Val | %REC | LowLimit                    | HighLimit | %RPD  | RPDLimit | Qual |
| Manganese                    | 54.5                           | 2.00                                       | 50.00     | 0       | 109  | 80                          | 120       | 0.783 | 20       |      |
| Selenium                     | 49.1                           | 0.500                                      | 50.00     | 0       | 98.2 | 80                          | 120       | 0.305 | 20       |      |
| Silver                       | 51.8                           | 0.200                                      | 50.00     | 0       | 104  | 80                          | 120       | 1.72  | 20       |      |
| Zinc                         | 50.2                           | 2.50                                       | 50.00     | 0       | 100  | 80                          | 120       | 0.901 | 20       |      |

| Sample ID: <b>1210021-14B SD</b> | Batch ID: <b>54094</b>         | TestNo: <b>SW6020A</b>                     |           |         |      | Units: <b>mg/Kg-dry</b>     |           |       |          |      |
|----------------------------------|--------------------------------|--------------------------------------------|-----------|---------|------|-----------------------------|-----------|-------|----------|------|
| SampType: <b>SD</b>              | Run ID: <b>ICP-MS2_121008A</b> | Analysis Date: <b>10/8/2012 3:56:00 PM</b> |           |         |      | Prep Date: <b>10/4/2012</b> |           |       |          |      |
| Analyte                          | Result                         | RL                                         | SPK value | Ref Val | %REC | LowLimit                    | HighLimit | %RPD  | RPDLimit | Qual |
| Arsenic                          | 0                              | 4.85                                       | 0         | 2.194   |      |                             |           | 0     | 10       |      |
| Barium                           | 52.0                           | 9.69                                       | 0         | 52.42   |      |                             |           | 0.859 | 10       |      |
| Cadmium                          | 0                              | 1.45                                       | 0         | 0.09832 |      |                             |           | 0     | 10       |      |
| Chromium                         | 8.04                           | 9.69                                       | 0         | 7.632   |      |                             |           | 5.15  | 10       |      |
| Copper                           | 3.42                           | 9.69                                       | 0         | 3.168   |      |                             |           | 7.55  | 10       |      |
| Lead                             | 4.36                           | 1.45                                       | 0         | 4.316   |      |                             |           | 1.06  | 10       |      |
| Manganese                        | 66.0                           | 9.69                                       | 0         | 62.50   |      |                             |           | 5.41  | 10       |      |
| Selenium                         | 0                              | 2.42                                       | 0         | 0.6909  |      |                             |           | 0     | 10       |      |
| Silver                           | 0                              | 0.969                                      | 0         | 0       |      |                             |           | 0     | 10       |      |
| Zinc                             | 20.1                           | 12.1                                       | 0         | 19.35   |      |                             |           | 3.99  | 10       |      |

| Sample ID: <b>1210021-14B PDS</b> | Batch ID: <b>54094</b>         | TestNo: <b>SW6020A</b>                     |           |         |      | Units: <b>mg/Kg-dry</b>     |           |      |          |      |
|-----------------------------------|--------------------------------|--------------------------------------------|-----------|---------|------|-----------------------------|-----------|------|----------|------|
| SampType: <b>PDS</b>              | Run ID: <b>ICP-MS2_121008A</b> | Analysis Date: <b>10/8/2012 4:56:00 PM</b> |           |         |      | Prep Date: <b>10/4/2012</b> |           |      |          |      |
| Analyte                           | Result                         | RL                                         | SPK value | Ref Val | %REC | LowLimit                    | HighLimit | %RPD | RPDLimit | Qual |
| Arsenic                           | 46.5                           | 0.969                                      | 48.47     | 2.194   | 91.5 | 80                          | 120       |      |          |      |
| Barium                            | 101                            | 1.94                                       | 48.47     | 52.42   | 100  | 80                          | 120       |      |          |      |
| Cadmium                           | 46.7                           | 0.291                                      | 48.47     | 0.09832 | 96.1 | 80                          | 120       |      |          |      |
| Chromium                          | 55.3                           | 1.94                                       | 48.47     | 7.632   | 98.4 | 80                          | 120       |      |          |      |
| Copper                            | 48.3                           | 1.94                                       | 48.47     | 3.168   | 93.0 | 80                          | 120       |      |          |      |
| Lead                              | 51.5                           | 0.291                                      | 48.47     | 4.316   | 97.3 | 80                          | 120       |      |          |      |
| Manganese                         | 111                            | 1.94                                       | 48.47     | 62.50   | 99.9 | 80                          | 120       |      |          |      |
| Selenium                          | 45.4                           | 0.485                                      | 48.47     | 0.6909  | 92.2 | 80                          | 120       |      |          |      |
| Silver                            | 27.1                           | 0.194                                      | 48.47     | 0       | 56.0 | 80                          | 120       |      |          | S    |
| Zinc                              | 63.9                           | 2.42                                       | 48.47     | 19.35   | 92.0 | 80                          | 120       |      |          |      |

| Sample ID: 1210021-14B MS | Batch ID: 54094         | TestNo: SW6020A                     | Units: mg/Kg-dry     |         |      |          |           |      |          |      |
|---------------------------|-------------------------|-------------------------------------|----------------------|---------|------|----------|-----------|------|----------|------|
| SampType: MS              | Run ID: ICP-MS2_121008A | Analysis Date: 10/8/2012 5:01:00 PM | Prep Date: 10/4/2012 |         |      |          |           |      |          |      |
| Analyte                   | Result                  | RL                                  | SPK value            | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Arsenic                   | 47.6                    | 0.960                               | 48.02                | 2.194   | 94.6 | 80       | 120       |      |          |      |
| Barium                    | 101                     | 1.92                                | 48.02                | 52.42   | 102  | 80       | 120       |      |          |      |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL  
DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1210021  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** ICP-MS2\_121008A

|                           |                         |                                     |                      |         |      |          |           |      |          |      |
|---------------------------|-------------------------|-------------------------------------|----------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: 1210021-14B MS | Batch ID: 54094         | TestNo: SW6020A                     | Units: mg/Kg-dry     |         |      |          |           |      |          |      |
| SampType: MS              | Run ID: ICP-MS2_121008A | Analysis Date: 10/8/2012 5:01:00 PM | Prep Date: 10/4/2012 |         |      |          |           |      |          |      |
| Analyte                   | Result                  | RL                                  | SPK value            | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|           |      |       |       |         |      |    |     |  |  |   |
|-----------|------|-------|-------|---------|------|----|-----|--|--|---|
| Cadmium   | 47.5 | 0.288 | 48.02 | 0.09832 | 98.7 | 80 | 120 |  |  |   |
| Chromium  | 55.5 | 1.92  | 48.02 | 7.632   | 99.8 | 80 | 120 |  |  |   |
| Copper    | 48.7 | 1.92  | 48.02 | 3.168   | 94.9 | 80 | 120 |  |  |   |
| Iron      | 5970 | 12.0  | 240.1 | 5550    | 176  | 80 | 120 |  |  | S |
| Lead      | 52.7 | 0.288 | 48.02 | 4.316   | 101  | 80 | 120 |  |  |   |
| Manganese | 112  | 1.92  | 48.02 | 62.50   | 103  | 80 | 120 |  |  |   |
| Selenium  | 46.0 | 0.480 | 48.02 | 0.6909  | 94.3 | 80 | 120 |  |  |   |
| Silver    | 49.1 | 0.192 | 48.02 | 0       | 102  | 80 | 120 |  |  |   |
| Zinc      | 63.9 | 2.40  | 48.02 | 19.35   | 92.7 | 80 | 120 |  |  |   |

|                            |                         |                                     |                      |         |      |          |           |      |          |      |
|----------------------------|-------------------------|-------------------------------------|----------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: 1210021-14B MSD | Batch ID: 54094         | TestNo: SW6020A                     | Units: mg/Kg-dry     |         |      |          |           |      |          |      |
| SampType: MSD              | Run ID: ICP-MS2_121008A | Analysis Date: 10/8/2012 5:07:00 PM | Prep Date: 10/4/2012 |         |      |          |           |      |          |      |
| Analyte                    | Result                  | RL                                  | SPK value            | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|           |      |       |       |         |      |    |     |       |    |  |
|-----------|------|-------|-------|---------|------|----|-----|-------|----|--|
| Arsenic   | 47.2 | 0.952 | 47.58 | 2.194   | 94.5 | 80 | 120 | 0.972 | 20 |  |
| Barium    | 101  | 1.90  | 47.58 | 52.42   | 103  | 80 | 120 | 0.020 | 20 |  |
| Cadmium   | 47.3 | 0.285 | 47.58 | 0.09832 | 99.2 | 80 | 120 | 0.367 | 20 |  |
| Chromium  | 55.4 | 1.90  | 47.58 | 7.632   | 100  | 80 | 120 | 0.318 | 20 |  |
| Copper    | 48.6 | 1.90  | 47.58 | 3.168   | 95.5 | 80 | 120 | 0.283 | 20 |  |
| Iron      | 5830 | 11.9  | 237.9 | 5550    | 117  | 80 | 120 | 2.42  | 20 |  |
| Lead      | 53.0 | 0.285 | 47.58 | 4.316   | 102  | 80 | 120 | 0.481 | 20 |  |
| Manganese | 110  | 1.90  | 47.58 | 62.50   | 99.3 | 80 | 120 | 2.02  | 20 |  |
| Selenium  | 45.0 | 0.476 | 47.58 | 0.6909  | 93.1 | 80 | 120 | 2.13  | 20 |  |
| Silver    | 49.3 | 0.190 | 47.58 | 0       | 104  | 80 | 120 | 0.535 | 20 |  |
| Zinc      | 64.5 | 2.38  | 47.58 | 19.35   | 94.9 | 80 | 120 | 0.977 | 20 |  |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1210021  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** ICP-MS2\_121008A

|                               |                                |                                             |                    |         |      |          |           |      |          |      |
|-------------------------------|--------------------------------|---------------------------------------------|--------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>ICV1-121008</b> | Batch ID: <b>R62881</b>        | TestNo: <b>SW6020A</b>                      | Units: <b>mg/L</b> |         |      |          |           |      |          |      |
| SampType: <b>ICV</b>          | Run ID: <b>ICP-MS2_121008A</b> | Analysis Date: <b>10/8/2012 11:57:00 AM</b> | Prep Date:         |         |      |          |           |      |          |      |
| Analyte                       | Result                         | RL                                          | SPK value          | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|           |        |         |       |   |      |    |     |  |  |  |
|-----------|--------|---------|-------|---|------|----|-----|--|--|--|
| Arsenic   | 0.0988 | 0.00600 | 0.100 | 0 | 98.8 | 90 | 110 |  |  |  |
| Barium    | 0.0993 | 0.0100  | 0.100 | 0 | 99.3 | 90 | 110 |  |  |  |
| Cadmium   | 0.100  | 0.00100 | 0.100 | 0 | 100  | 90 | 110 |  |  |  |
| Chromium  | 0.107  | 0.00600 | 0.100 | 0 | 107  | 90 | 110 |  |  |  |
| Copper    | 0.101  | 0.0100  | 0.100 | 0 | 101  | 90 | 110 |  |  |  |
| Iron      | 2.52   | 0.150   | 2.50  | 0 | 101  | 90 | 110 |  |  |  |
| Lead      | 0.0966 | 0.00100 | 0.100 | 0 | 96.6 | 90 | 110 |  |  |  |
| Manganese | 0.104  | 0.0100  | 0.100 | 0 | 104  | 90 | 110 |  |  |  |
| Selenium  | 0.102  | 0.00600 | 0.100 | 0 | 102  | 90 | 110 |  |  |  |
| Silver    | 0.102  | 0.00200 | 0.100 | 0 | 102  | 90 | 110 |  |  |  |
| Zinc      | 0.105  | 0.00500 | 0.100 | 0 | 105  | 90 | 110 |  |  |  |

|                               |                                |                                            |                    |         |      |          |           |      |          |      |
|-------------------------------|--------------------------------|--------------------------------------------|--------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>CCV1-121008</b> | Batch ID: <b>R62881</b>        | TestNo: <b>SW6020A</b>                     | Units: <b>mg/L</b> |         |      |          |           |      |          |      |
| SampType: <b>CCV</b>          | Run ID: <b>ICP-MS2_121008A</b> | Analysis Date: <b>10/8/2012 3:14:00 PM</b> | Prep Date:         |         |      |          |           |      |          |      |
| Analyte                       | Result                         | RL                                         | SPK value          | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|           |       |         |       |   |      |    |     |  |  |  |
|-----------|-------|---------|-------|---|------|----|-----|--|--|--|
| Arsenic   | 0.194 | 0.00600 | 0.200 | 0 | 97.0 | 90 | 110 |  |  |  |
| Barium    | 0.199 | 0.0100  | 0.200 | 0 | 99.4 | 90 | 110 |  |  |  |
| Cadmium   | 0.194 | 0.00100 | 0.200 | 0 | 97.2 | 90 | 110 |  |  |  |
| Chromium  | 0.211 | 0.00600 | 0.200 | 0 | 105  | 90 | 110 |  |  |  |
| Copper    | 0.198 | 0.0100  | 0.200 | 0 | 99.1 | 90 | 110 |  |  |  |
| Iron      | 4.85  | 0.150   | 5.00  | 0 | 96.9 | 90 | 110 |  |  |  |
| Lead      | 0.188 | 0.00100 | 0.200 | 0 | 93.8 | 90 | 110 |  |  |  |
| Manganese | 0.206 | 0.0100  | 0.200 | 0 | 103  | 90 | 110 |  |  |  |
| Selenium  | 0.205 | 0.00600 | 0.200 | 0 | 102  | 90 | 110 |  |  |  |
| Silver    | 0.202 | 0.00200 | 0.200 | 0 | 101  | 90 | 110 |  |  |  |
| Zinc      | 0.202 | 0.00500 | 0.200 | 0 | 101  | 90 | 110 |  |  |  |

|                               |                                |                                            |                    |         |      |          |           |      |          |      |
|-------------------------------|--------------------------------|--------------------------------------------|--------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>CCV2-121008</b> | Batch ID: <b>R62881</b>        | TestNo: <b>SW6020A</b>                     | Units: <b>mg/L</b> |         |      |          |           |      |          |      |
| SampType: <b>CCV</b>          | Run ID: <b>ICP-MS2_121008A</b> | Analysis Date: <b>10/8/2012 5:13:00 PM</b> | Prep Date:         |         |      |          |           |      |          |      |
| Analyte                       | Result                         | RL                                         | SPK value          | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|           |       |         |       |   |      |    |     |  |  |  |
|-----------|-------|---------|-------|---|------|----|-----|--|--|--|
| Arsenic   | 0.197 | 0.00600 | 0.200 | 0 | 98.6 | 90 | 110 |  |  |  |
| Barium    | 0.196 | 0.0100  | 0.200 | 0 | 97.9 | 90 | 110 |  |  |  |
| Cadmium   | 0.197 | 0.00100 | 0.200 | 0 | 98.3 | 90 | 110 |  |  |  |
| Chromium  | 0.206 | 0.00600 | 0.200 | 0 | 103  | 90 | 110 |  |  |  |
| Copper    | 0.195 | 0.0100  | 0.200 | 0 | 97.7 | 90 | 110 |  |  |  |
| Iron      | 4.91  | 0.150   | 5.00  | 0 | 98.2 | 90 | 110 |  |  |  |
| Lead      | 0.188 | 0.00100 | 0.200 | 0 | 94.2 | 90 | 110 |  |  |  |
| Manganese | 0.209 | 0.0100  | 0.200 | 0 | 105  | 90 | 110 |  |  |  |
| Selenium  | 0.206 | 0.00600 | 0.200 | 0 | 103  | 90 | 110 |  |  |  |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1210021  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** ICP-MS2\_121008A

| Sample ID: <b>CCV2-121008</b> | Batch ID: <b>R62881</b>        | TestNo: <b>SW6020A</b>                     | Units: <b>mg/L</b> |         |      |          |           |      |          |      |
|-------------------------------|--------------------------------|--------------------------------------------|--------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>ICP-MS2_121008A</b> | Analysis Date: <b>10/8/2012 5:13:00 PM</b> | Prep Date:         |         |      |          |           |      |          |      |
| Analyte                       | Result                         | RL                                         | SPK value          | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Silver                        | 0.202                          | 0.00200                                    | 0.200              | 0       | 101  | 90       | 110       |      |          |      |
| Zinc                          | 0.204                          | 0.00500                                    | 0.200              | 0       | 102  | 90       | 110       |      |          |      |

| Sample ID: <b>CCV3-121008</b> | Batch ID: <b>R62881</b>        | TestNo: <b>SW6020A</b>                     | Units: <b>mg/L</b> |         |      |          |           |      |          |      |
|-------------------------------|--------------------------------|--------------------------------------------|--------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>ICP-MS2_121008A</b> | Analysis Date: <b>10/8/2012 7:03:00 PM</b> | Prep Date:         |         |      |          |           |      |          |      |
| Analyte                       | Result                         | RL                                         | SPK value          | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Arsenic                       | 0.198                          | 0.00600                                    | 0.200              | 0       | 99.0 | 90       | 110       |      |          |      |
| Barium                        | 0.191                          | 0.0100                                     | 0.200              | 0       | 95.4 | 90       | 110       |      |          |      |
| Cadmium                       | 0.194                          | 0.00100                                    | 0.200              | 0       | 96.9 | 90       | 110       |      |          |      |
| Chromium                      | 0.206                          | 0.00600                                    | 0.200              | 0       | 103  | 90       | 110       |      |          |      |
| Copper                        | 0.193                          | 0.0100                                     | 0.200              | 0       | 96.6 | 90       | 110       |      |          |      |
| Lead                          | 0.193                          | 0.00100                                    | 0.200              | 0       | 96.4 | 90       | 110       |      |          |      |
| Manganese                     | 0.210                          | 0.0100                                     | 0.200              | 0       | 105  | 90       | 110       |      |          |      |
| Selenium                      | 0.208                          | 0.00600                                    | 0.200              | 0       | 104  | 90       | 110       |      |          |      |
| Silver                        | 0.199                          | 0.00200                                    | 0.200              | 0       | 99.4 | 90       | 110       |      |          |      |
| Zinc                          | 0.201                          | 0.00500                                    | 0.200              | 0       | 100  | 90       | 110       |      |          |      |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1210021  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** ICP-MS2\_121009A

The QC data in batch 54094 applies to the following samples: 1210021-01B, 1210021-02B, 1210021-03B, 1210021-04B, 1210021-05B, 1210021-06B, 1210021-07B, 1210021-08B, 1210021-09B, 1210021-10B, 1210021-11B, 1210021-12B, 1210021-13B, 1210021-14B

|                           |                         |                                      |                      |         |      |          |           |      |          |      |
|---------------------------|-------------------------|--------------------------------------|----------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: 1210021-14B SD | Batch ID: 54094         | TestNo: SW6020A                      | Units: mg/Kg-dry     |         |      |          |           |      |          |      |
| SampType: SD              | Run ID: ICP-MS2_121009A | Analysis Date: 10/9/2012 12:48:00 PM | Prep Date: 10/4/2012 |         |      |          |           |      |          |      |
| Analyte                   | Result                  | RL                                   | SPK value            | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Iron                      | 6260                    | 606                                  | 0                    | 6051    |      |          |           | 3.37 | 10       |      |

|                            |                         |                                     |                      |         |      |          |           |      |          |      |
|----------------------------|-------------------------|-------------------------------------|----------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: 1210021-14B PDS | Batch ID: 54094         | TestNo: SW6020A                     | Units: mg/Kg-dry     |         |      |          |           |      |          |      |
| SampType: PDS              | Run ID: ICP-MS2_121009A | Analysis Date: 10/9/2012 1:47:00 PM | Prep Date: 10/4/2012 |         |      |          |           |      |          |      |
| Analyte                    | Result                  | RL                                  | SPK value            | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Iron                       | 17300                   | 121                                 | 12120                | 6051    | 92.5 | 80       | 120       |      |          |      |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1210021  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** ICP-MS2\_121009A

| Sample ID: <b>ICV1-121009</b> | Batch ID: <b>R62901</b>        | TestNo: <b>SW6020A</b>                      | Units: <b>mg/L</b> |         |      |          |           |      |          |      |
|-------------------------------|--------------------------------|---------------------------------------------|--------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>ICV</b>          | Run ID: <b>ICP-MS2_121009A</b> | Analysis Date: <b>10/9/2012 11:52:00 AM</b> | Prep Date:         |         |      |          |           |      |          |      |
| Analyte                       | Result                         | RL                                          | SPK value          | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Iron                          | 2.46                           | 0.150                                       | 2.50               | 0       | 98.6 | 90       | 110       |      |          |      |

| Sample ID: <b>CCV1-121009</b> | Batch ID: <b>R62901</b>        | TestNo: <b>SW6020A</b>                     | Units: <b>mg/L</b> |         |      |          |           |      |          |      |
|-------------------------------|--------------------------------|--------------------------------------------|--------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>ICP-MS2_121009A</b> | Analysis Date: <b>10/9/2012 1:53:00 PM</b> | Prep Date:         |         |      |          |           |      |          |      |
| Analyte                       | Result                         | RL                                         | SPK value          | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Iron                          | 4.87                           | 0.150                                      | 5.00               | 0       | 97.3 | 90       | 110       |      |          |      |

| Sample ID: <b>CCV3-121009</b> | Batch ID: <b>R62901</b>        | TestNo: <b>SW6020A</b>                     | Units: <b>mg/L</b> |         |      |          |           |      |          |      |
|-------------------------------|--------------------------------|--------------------------------------------|--------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>ICP-MS2_121009A</b> | Analysis Date: <b>10/9/2012 7:01:00 PM</b> | Prep Date:         |         |      |          |           |      |          |      |
| Analyte                       | Result                         | RL                                         | SPK value          | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Iron                          | 5.05                           | 0.150                                      | 5.00               | 0       | 101  | 90       | 110       |      |          |      |

| Sample ID: <b>CCV4-121009</b> | Batch ID: <b>R62901</b>        | TestNo: <b>SW6020A</b>                     | Units: <b>mg/L</b> |         |      |          |           |      |          |      |
|-------------------------------|--------------------------------|--------------------------------------------|--------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>ICP-MS2_121009A</b> | Analysis Date: <b>10/9/2012 8:42:00 PM</b> | Prep Date:         |         |      |          |           |      |          |      |
| Analyte                       | Result                         | RL                                         | SPK value          | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Iron                          | 4.88                           | 0.150                                      | 5.00               | 0       | 97.6 | 90       | 110       |      |          |      |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1210021  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** IC\_121009A

The QC data in batch 54158 applies to the following samples: 1210021-01C, 1210021-02C, 1210021-03C, 1210021-04C, 1210021-05C, 1210021-06C, 1210021-07C, 1210021-08C, 1210021-09C, 1210021-10C, 1210021-11C, 1210021-12C, 1210021-13C, 1210021-14C

|                             |                           |                                            |                             |         |      |          |           |      |          |      |
|-----------------------------|---------------------------|--------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>LCS-54158</b> | Batch ID: <b>54158</b>    | TestNo: <b>E300</b>                        | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>LCS</b>        | Run ID: <b>IC_121009A</b> | Analysis Date: <b>10/9/2012 9:12:11 AM</b> | Prep Date: <b>10/8/2012</b> |         |      |          |           |      |          |      |
| Analyte                     | Result                    | RL                                         | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |      |      |       |   |      |    |     |  |  |  |
|----------|------|------|-------|---|------|----|-----|--|--|--|
| Chloride | 44.9 | 5.00 | 50.00 | 0 | 89.9 | 80 | 120 |  |  |  |
| Sulfate  | 144  | 10.0 | 150.0 | 0 | 96.0 | 80 | 120 |  |  |  |

|                              |                           |                                            |                             |         |      |          |           |      |          |      |
|------------------------------|---------------------------|--------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>LCSD-54158</b> | Batch ID: <b>54158</b>    | TestNo: <b>E300</b>                        | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>LCSD</b>        | Run ID: <b>IC_121009A</b> | Analysis Date: <b>10/9/2012 9:23:47 AM</b> | Prep Date: <b>10/8/2012</b> |         |      |          |           |      |          |      |
| Analyte                      | Result                    | RL                                         | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |      |      |       |   |      |    |     |       |    |  |
|----------|------|------|-------|---|------|----|-----|-------|----|--|
| Chloride | 45.2 | 5.00 | 50.00 | 0 | 90.4 | 80 | 120 | 0.533 | 20 |  |
| Sulfate  | 145  | 10.0 | 150.0 | 0 | 96.6 | 80 | 120 | 0.604 | 20 |  |

|                            |                           |                                            |                             |         |      |          |           |      |          |      |
|----------------------------|---------------------------|--------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>MB-54158</b> | Batch ID: <b>54158</b>    | TestNo: <b>E300</b>                        | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>MBLK</b>      | Run ID: <b>IC_121009A</b> | Analysis Date: <b>10/9/2012 9:35:23 AM</b> | Prep Date: <b>10/8/2012</b> |         |      |          |           |      |          |      |
| Analyte                    | Result                    | RL                                         | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |    |      |  |  |  |  |  |  |  |  |
|----------|----|------|--|--|--|--|--|--|--|--|
| Chloride | ND | 5.00 |  |  |  |  |  |  |  |  |
| Sulfate  | ND | 10.0 |  |  |  |  |  |  |  |  |

|                                  |                           |                                             |                             |         |      |          |           |      |          |      |
|----------------------------------|---------------------------|---------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>1210021-01C MS</b> | Batch ID: <b>54158</b>    | TestNo: <b>E300</b>                         | Units: <b>mg/Kg-dry</b>     |         |      |          |           |      |          |      |
| SampType: <b>MS</b>              | Run ID: <b>IC_121009A</b> | Analysis Date: <b>10/9/2012 10:16:27 AM</b> | Prep Date: <b>10/8/2012</b> |         |      |          |           |      |          |      |
| Analyte                          | Result                    | RL                                          | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |      |      |       |       |      |    |     |  |  |  |
|----------|------|------|-------|-------|------|----|-----|--|--|--|
| Chloride | 55.8 | 5.46 | 54.63 | 7.293 | 88.7 | 80 | 120 |  |  |  |
| Sulfate  | 213  | 10.9 | 163.9 | 56.49 | 95.3 | 80 | 120 |  |  |  |

|                                   |                           |                                             |                             |         |      |          |           |      |          |      |
|-----------------------------------|---------------------------|---------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>1210021-01C MSD</b> | Batch ID: <b>54158</b>    | TestNo: <b>E300</b>                         | Units: <b>mg/Kg-dry</b>     |         |      |          |           |      |          |      |
| SampType: <b>MSD</b>              | Run ID: <b>IC_121009A</b> | Analysis Date: <b>10/9/2012 10:28:03 AM</b> | Prep Date: <b>10/8/2012</b> |         |      |          |           |      |          |      |
| Analyte                           | Result                    | RL                                          | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |      |      |       |       |      |    |     |       |    |  |
|----------|------|------|-------|-------|------|----|-----|-------|----|--|
| Chloride | 55.3 | 5.46 | 54.63 | 7.293 | 88.0 | 80 | 120 | 0.763 | 20 |  |
| Sulfate  | 213  | 10.9 | 163.9 | 56.49 | 95.3 | 80 | 120 | 0.002 | 20 |  |

|                                  |                           |                                            |                             |         |      |          |           |      |          |      |
|----------------------------------|---------------------------|--------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>1210021-14C MS</b> | Batch ID: <b>54158</b>    | TestNo: <b>E300</b>                        | Units: <b>mg/Kg-dry</b>     |         |      |          |           |      |          |      |
| SampType: <b>MS</b>              | Run ID: <b>IC_121009A</b> | Analysis Date: <b>10/9/2012 3:20:21 PM</b> | Prep Date: <b>10/8/2012</b> |         |      |          |           |      |          |      |
| Analyte                          | Result                    | RL                                         | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |      |      |       |       |      |    |     |  |  |  |
|----------|------|------|-------|-------|------|----|-----|--|--|--|
| Chloride | 45.6 | 5.15 | 51.45 | 0     | 88.7 | 80 | 120 |  |  |  |
| Sulfate  | 190  | 10.3 | 154.4 | 40.99 | 96.7 | 80 | 120 |  |  |  |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- RL Reporting Limit
- J Analyte detected between SDL and RL

- DF Dilution Factor
- MDL Method Detection Limit
- R RPD outside accepted control limits
- S Spike Recovery outside control limits
- N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1210021  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** IC\_121009A

|                            |  |                    |      |                                     |         |      |                      |           |       |          |      |
|----------------------------|--|--------------------|------|-------------------------------------|---------|------|----------------------|-----------|-------|----------|------|
| Sample ID: 1210021-14C MSD |  | Batch ID: 54158    |      | TestNo: E300                        |         |      | Units: mg/Kg-dry     |           |       |          |      |
| SampType: MSD              |  | Run ID: IC_121009A |      | Analysis Date: 10/9/2012 3:31:57 PM |         |      | Prep Date: 10/8/2012 |           |       |          |      |
| Analyte                    |  | Result             | RL   | SPK value                           | Ref Val | %REC | LowLimit             | HighLimit | %RPD  | RPDLimit | Qual |
| Chloride                   |  | 46.1               | 5.15 | 51.45                               | 0       | 89.7 | 80                   | 120       | 1.08  | 20       |      |
| Sulfate                    |  | 191                | 10.3 | 154.4                               | 40.99   | 97.0 | 80                   | 120       | 0.262 | 20       |      |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1210021  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** IC\_121009A

|                              |                           |                                            |                     |         |      |          |           |      |          |      |
|------------------------------|---------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>ICV-121009</b> | Batch ID: <b>R62899</b>   | TestNo: <b>E300</b>                        | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
| SampType: <b>ICV</b>         | Run ID: <b>IC_121009A</b> | Analysis Date: <b>10/9/2012 8:51:45 AM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                      | Result                    | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |      |      |       |   |      |    |     |  |  |  |
|----------|------|------|-------|---|------|----|-----|--|--|--|
| Chloride | 23.0 | 5.00 | 25.00 | 0 | 92.2 | 90 | 110 |  |  |  |
| Sulfate  | 74.2 | 10.0 | 75.00 | 0 | 99.0 | 90 | 110 |  |  |  |

|                               |                           |                                             |                     |         |      |          |           |      |          |      |
|-------------------------------|---------------------------|---------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>CCV1-121009</b> | Batch ID: <b>R62899</b>   | TestNo: <b>E300</b>                         | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
| SampType: <b>CCV</b>          | Run ID: <b>IC_121009A</b> | Analysis Date: <b>10/9/2012 11:26:10 AM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                    | RL                                          | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |      |      |       |   |      |    |     |  |  |  |
|----------|------|------|-------|---|------|----|-----|--|--|--|
| Chloride | 9.03 | 5.00 | 10.00 | 0 | 90.3 | 90 | 110 |  |  |  |
| Sulfate  | 29.3 | 10.0 | 30.00 | 0 | 97.6 | 90 | 110 |  |  |  |

|                               |                           |                                            |                     |         |      |          |           |      |          |      |
|-------------------------------|---------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>CCV2-121009</b> | Batch ID: <b>R62899</b>   | TestNo: <b>E300</b>                        | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
| SampType: <b>CCV</b>          | Run ID: <b>IC_121009A</b> | Analysis Date: <b>10/9/2012 2:18:50 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                    | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |      |      |       |   |      |    |     |  |  |  |
|----------|------|------|-------|---|------|----|-----|--|--|--|
| Chloride | 9.05 | 5.00 | 10.00 | 0 | 90.5 | 90 | 110 |  |  |  |
| Sulfate  | 29.3 | 10.0 | 30.00 | 0 | 97.8 | 90 | 110 |  |  |  |

|                               |                           |                                            |                     |         |      |          |           |      |          |      |
|-------------------------------|---------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>CCV3-121009</b> | Batch ID: <b>R62899</b>   | TestNo: <b>E300</b>                        | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
| SampType: <b>CCV</b>          | Run ID: <b>IC_121009A</b> | Analysis Date: <b>10/9/2012 3:43:34 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                    | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|          |      |      |       |   |      |    |     |  |  |  |
|----------|------|------|-------|---|------|----|-----|--|--|--|
| Chloride | 8.99 | 5.00 | 10.00 | 0 | 89.9 | 90 | 110 |  |  |  |
| Sulfate  | 29.5 | 10.0 | 30.00 | 0 | 98.3 | 90 | 110 |  |  |  |

**Qualifiers:** B Analyte detected in the associated Method Blank  
J Analyte detected between MDL and RL  
ND Not Detected at the Method Detection Limit  
RL Reporting Limit  
J Analyte detected between SDL and RL

DF Dilution Factor  
MDL Method Detection Limit  
R RPD outside accepted control limits  
S Spike Recovery outside control limits  
N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1210021  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** IR207\_121009A

| Sample ID: <b>ICV-121009</b> | Batch ID: <b>418_S-10/09/2012</b> | TestNo: <b>E418.1</b>                      | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|------------------------------|-----------------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>ICV</b>         | Run ID: <b>IR207_121009A</b>      | Analysis Date: <b>10/9/2012 1:00:00 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                      | Result                            | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Petroleum Hydrocarbons, TR   | 253                               | 10.0                                       | 250.0               | 0       | 101  | 90       | 110       |      |          | N    |

| Sample ID: <b>CCV1-121009</b> | Batch ID: <b>418_S-10/09/2012</b> | TestNo: <b>E418.1</b>                      | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|-----------------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>IR207_121009A</b>      | Analysis Date: <b>10/9/2012 1:00:00 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                            | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Petroleum Hydrocarbons, TR    | 257                               | 10.0                                       | 250.0               | 0       | 103  | 85       | 115       |      |          | N    |

| Sample ID: <b>CCV2-121009</b> | Batch ID: <b>418_S-10/09/2012</b> | TestNo: <b>E418.1</b>                      | Units: <b>mg/Kg</b> |         |      |          |           |      |          |      |
|-------------------------------|-----------------------------------|--------------------------------------------|---------------------|---------|------|----------|-----------|------|----------|------|
| SampType: <b>CCV</b>          | Run ID: <b>IR207_121009A</b>      | Analysis Date: <b>10/9/2012 1:00:00 PM</b> | Prep Date:          |         |      |          |           |      |          |      |
| Analyte                       | Result                            | RL                                         | SPK value           | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Petroleum Hydrocarbons, TR    | 258                               | 10.0                                       | 250.0               | 0       | 103  | 85       | 115       |      |          | N    |

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- J Analyte detected between MDL and RL
- ND Not Detected at the Method Detection Limit
- RL Reporting Limit
- J Analyte detected between SDL and RL

- DF Dilution Factor
- MDL Method Detection Limit
- R RPD outside accepted control limits
- S Spike Recovery outside control limits
- N Parameter not NELAC certified

**CLIENT:** Larson & Associates  
**Work Order:** 1210021  
**Project:** Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

**RunID:** IR207\_121009A

The QC data in batch 54177 applies to the following samples: 1210021-01A, 1210021-02A, 1210021-03A, 1210021-04A, 1210021-05A, 1210021-06A, 1210021-07A, 1210021-08A, 1210021-09A, 1210021-10A, 1210021-11A, 1210021-12A, 1210021-13A, 1210021-14A

|                             |                              |                                            |                             |         |      |          |           |      |          |      |
|-----------------------------|------------------------------|--------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>LCS-54177</b> | Batch ID: <b>54177</b>       | TestNo: <b>E418.1</b>                      | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>LCS</b>        | Run ID: <b>IR207_121009A</b> | Analysis Date: <b>10/9/2012 1:00:00 PM</b> | Prep Date: <b>10/9/2012</b> |         |      |          |           |      |          |      |
| Analyte                     | Result                       | RL                                         | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                            |      |      |       |   |      |    |     |  |  |   |
|----------------------------|------|------|-------|---|------|----|-----|--|--|---|
| Petroleum Hydrocarbons, TR | 99.4 | 10.0 | 100.0 | 0 | 99.4 | 80 | 120 |  |  | N |
|----------------------------|------|------|-------|---|------|----|-----|--|--|---|

|                            |                              |                                            |                             |         |      |          |           |      |          |      |
|----------------------------|------------------------------|--------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>MB-54177</b> | Batch ID: <b>54177</b>       | TestNo: <b>E418.1</b>                      | Units: <b>mg/Kg</b>         |         |      |          |           |      |          |      |
| SampType: <b>MBLK</b>      | Run ID: <b>IR207_121009A</b> | Analysis Date: <b>10/9/2012 1:00:00 PM</b> | Prep Date: <b>10/9/2012</b> |         |      |          |           |      |          |      |
| Analyte                    | Result                       | RL                                         | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                            |    |      |  |  |  |  |  |  |  |   |
|----------------------------|----|------|--|--|--|--|--|--|--|---|
| Petroleum Hydrocarbons, TR | ND | 10.0 |  |  |  |  |  |  |  | N |
|----------------------------|----|------|--|--|--|--|--|--|--|---|

|                                  |                              |                                            |                             |         |      |          |           |      |          |      |
|----------------------------------|------------------------------|--------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>1210021-01A MS</b> | Batch ID: <b>54177</b>       | TestNo: <b>E418.1</b>                      | Units: <b>mg/Kg-dry</b>     |         |      |          |           |      |          |      |
| SampType: <b>MS</b>              | Run ID: <b>IR207_121009A</b> | Analysis Date: <b>10/9/2012 1:00:00 PM</b> | Prep Date: <b>10/9/2012</b> |         |      |          |           |      |          |      |
| Analyte                          | Result                       | RL                                         | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                            |     |      |       |       |      |    |     |  |  |   |
|----------------------------|-----|------|-------|-------|------|----|-----|--|--|---|
| Petroleum Hydrocarbons, TR | 102 | 11.0 | 110.1 | 7.624 | 85.6 | 80 | 120 |  |  | N |
|----------------------------|-----|------|-------|-------|------|----|-----|--|--|---|

|                                   |                              |                                            |                             |         |      |          |           |      |          |      |
|-----------------------------------|------------------------------|--------------------------------------------|-----------------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: <b>1210021-01A MSD</b> | Batch ID: <b>54177</b>       | TestNo: <b>E418.1</b>                      | Units: <b>mg/Kg-dry</b>     |         |      |          |           |      |          |      |
| SampType: <b>MSD</b>              | Run ID: <b>IR207_121009A</b> | Analysis Date: <b>10/9/2012 1:00:00 PM</b> | Prep Date: <b>10/9/2012</b> |         |      |          |           |      |          |      |
| Analyte                           | Result                       | RL                                         | SPK value                   | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

|                            |     |      |       |       |      |    |     |       |    |   |
|----------------------------|-----|------|-------|-------|------|----|-----|-------|----|---|
| Petroleum Hydrocarbons, TR | 101 | 11.1 | 110.6 | 7.624 | 84.4 | 80 | 120 | 0.963 | 20 | N |
|----------------------------|-----|------|-------|-------|------|----|-----|-------|----|---|

**Qualifiers:**

|    |                                                 |
|----|-------------------------------------------------|
| B  | Analyte detected in the associated Method Blank |
| J  | Analyte detected between MDL and RL             |
| ND | Not Detected at the Method Detection Limit      |
| RL | Reporting Limit                                 |
| J  | Analyte detected between SDL and RL             |

|     |                                       |
|-----|---------------------------------------|
| DF  | Dilution Factor                       |
| MDL | Method Detection Limit                |
| R   | RPD outside accepted control limits   |
| S   | Spike Recovery outside control limits |
| N   | Parameter not NELAC certified         |

CLIENT: Larson & Associates

Work Order: 1210021

Project: Chevron Landfarm

## ANALYTICAL QC SUMMARY REPORT

RunID: PMOIST\_121004B

The QC data in batch 54113 applies to the following samples: 1210021-01B, 1210021-02B, 1210021-03B, 1210021-04B, 1210021-05B, 1210021-06B, 1210021-07B, 1210021-08B, 1210021-09B, 1210021-10B, 1210021-11B, 1210021-12B, 1210021-13B, 1210021-14B

|                            |                        |                                     |                      |         |      |          |           |      |          |      |
|----------------------------|------------------------|-------------------------------------|----------------------|---------|------|----------|-----------|------|----------|------|
| Sample ID: 1210020-12C-DUP | Batch ID: 54113        | TestNo: D2216                       | Units: WT%           |         |      |          |           |      |          |      |
| SampType: DUP              | Run ID: PMOIST_121004B | Analysis Date: 10/5/2012 9:10:00 AM | Prep Date: 10/4/2012 |         |      |          |           |      |          |      |
| Analyte                    | Result                 | RL                                  | SPK value            | Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Percent Moisture           | 3.91                   | 0                                   | 0                    | 3.856   |      |          |           | 1.46 | 30       |      |

**Qualifiers:**

|    |                                                 |
|----|-------------------------------------------------|
| B  | Analyte detected in the associated Method Blank |
| J  | Analyte detected between MDL and RL             |
| ND | Not Detected at the Method Detection Limit      |
| RL | Reporting Limit                                 |
| J  | Analyte detected between SDL and RL             |

|     |                                       |
|-----|---------------------------------------|
| DF  | Dilution Factor                       |
| MDL | Method Detection Limit                |
| R   | RPD outside accepted control limits   |
| S   | Spike Recovery outside control limits |
| N   | Parameter not NELAC certified         |