

# Summit Scientific

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741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

April 30, 2008

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Hoffner #1

Enclosed are the results of analyses for samples received by Summit Scientific on 04/21/08 17:05. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to be 'BS', with a long, sweeping horizontal line extending to the right.

Ben Shrewsbury  
Vice President / Laboratory Director



LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada CO, 80003

Project: PDC - Hoffner #1

Project Number: PDC 0893  
Project Manager: John Peterson

**Reported:**  
04/30/08 14:39

### ANALYTICAL REPORT FOR SAMPLES

| Sample ID   | Laboratory ID | Matrix | Date Sampled   | Date Received  |
|-------------|---------------|--------|----------------|----------------|
| MW01 14-15' | R804152-01    | Soil   | 04/21/08 09:00 | 04/21/08 17:05 |
| MW02 14-15' | R804152-02    | Soil   | 04/21/08 10:55 | 04/21/08 17:05 |
| MW03 14-15' | R804152-03    | Soil   | 04/21/08 11:55 | 04/21/08 17:05 |

Summit Scientific

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LT Environmental, Inc.  
 4600 West 60th Avenue  
 Arvada CO, 80003

Project: PDC - Hoffner #1

Project Number: PDC 0893  
 Project Manager: John Peterson

**Reported:**  
 04/30/08 14:39

**MW01 14-15'**  
**R804152-01 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/21/08 09:00**

| Analyte                   | Result      | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method                 | Notes |
|---------------------------|-------------|-----------------|-------|----------|---------|----------|----------|------------------------|-------|
| <b>C6-C10 (TEPH-GRO)</b>  | <b>1800</b> | 50              | mg/kg | 1        | 8042801 | 04/28/08 | 04/29/08 | 8015 Full Carbon Chain |       |
| <b>C10-C28 (TEPH-DRO)</b> | <b>990</b>  | 50              | "     | "        | "       | "        | "        | "                      |       |
| C28-C36 (TEPH-ORO)        | ND          | 50              | "     | "        | "       | "        | "        | "                      |       |

Date Sampled: **04/21/08 09:00**

| Analyte                        | Result | Reporting Limit | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl |        | 92.6 %          | 70-130 |          | "     | "        | "        | "      |       |
| Surrogate: Trifluorotoluene    |        | 83.2 %          | 70-130 |          | "     | "        | "        | "      |       |

Date Sampled: **04/21/08 09:00**

| Analyte                  | Result      | Reporting Limit | Units | Dilution | Batch  | Prepared | Analyzed | Method   | Notes |
|--------------------------|-------------|-----------------|-------|----------|--------|----------|----------|----------|-------|
| <b>C6-C36 Total TEPH</b> | <b>2800</b> |                 | "     | "        | [CALC] | "        | "        | EPA 8015 |       |

Summit Scientific

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LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada CO, 80003

Project: PDC - Hoffner #1

Project Number: PDC 0893  
Project Manager: John Peterson

**Reported:**  
04/30/08 14:39

**MW02 14-15'**  
**R804152-02 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/21/08 10:55**

| Analyte            | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method                 | Notes |
|--------------------|--------|-----------------|-------|----------|---------|----------|----------|------------------------|-------|
| C6-C10 (TEPH-GRO)  | ND     | 50              | mg/kg | 1        | 8042801 | 04/28/08 | 04/29/08 | 8015 Full Carbon Chain |       |
| C10-C28 (TEPH-DRO) | ND     | 50              | "     | "        | "       | "        | "        | "                      |       |
| C28-C36 (TEPH-ORO) | ND     | 50              | "     | "        | "       | "        | "        | "                      |       |

Date Sampled: **04/21/08 10:55**

| Analyte                        | Result | Reporting Limit | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl |        | 88.0 %          | 70-130 |          | "     | "        | "        | "      |       |
| Surrogate: Trifluorotoluene    |        | 83.8 %          | 70-130 |          | "     | "        | "        | "      |       |

Date Sampled: **04/21/08 10:55**

| Analyte           | Result | Reporting Limit | Units | Dilution | Batch  | Prepared | Analyzed | Method   | Notes |
|-------------------|--------|-----------------|-------|----------|--------|----------|----------|----------|-------|
| C6-C36 Total TEPH | 0.0    |                 | "     | "        | [CALC] | "        | "        | EPA 8015 |       |

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LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada CO, 80003

Project: PDC - Hoffner #1

Project Number: PDC 0893  
Project Manager: John Peterson

**Reported:**  
04/30/08 14:39

**MW03 14-15'**  
**R804152-03 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/21/08 11:55**

| Analyte            | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method                 | Notes |
|--------------------|--------|-----------------|-------|----------|---------|----------|----------|------------------------|-------|
| C6-C10 (TEPH-GRO)  | ND     | 50              | mg/kg | 1        | 8042801 | 04/28/08 | 04/29/08 | 8015 Full Carbon Chain |       |
| C10-C28 (TEPH-DRO) | ND     | 50              | "     | "        | "       | "        | "        | "                      |       |
| C28-C36 (TEPH-ORO) | ND     | 50              | "     | "        | "       | "        | "        | "                      |       |

Date Sampled: **04/21/08 11:55**

| Analyte                        | Result | Reporting Limit | Units  | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl |        | 95.6 %          | 70-130 |          | "     | "        | "        | "      |       |
| Surrogate: Trifluorotoluene    |        | 88.3 %          | 70-130 |          | "     | "        | "        | "      |       |

Date Sampled: **04/21/08 11:55**

| Analyte           | Result | Reporting Limit | Units | Dilution | Batch  | Prepared | Analyzed | Method   | Notes |
|-------------------|--------|-----------------|-------|----------|--------|----------|----------|----------|-------|
| C6-C36 Total TEPH | 0.0    |                 | "     | "        | [CALC] | "        | "        | EPA 8015 |       |

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LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada CO, 80003

Project: PDC - Hoffner #1

Project Number: PDC 0893  
Project Manager: John Peterson

Reported:  
04/30/08 14:39

**Extractable Petroleum Hydrocarbons by 8015 - Quality Control**

**Summit Scientific**

| Analyte | Reporting |       |       | Spike | Source | %REC |        | RPD |       | Notes |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
|         | Result    | Limit | Units | Level | Result | %REC | Limits | RPD | Limit |       |

**Batch 8042801 - EPA 3550A**

**Blank (8042801-BLK1)**

Prepared & Analyzed: 04/28/08

|                                |      |    |       |      |  |      |        |  |  |  |
|--------------------------------|------|----|-------|------|--|------|--------|--|--|--|
| C6-C10 (TEPH-GRO)              | ND   | 50 | mg/kg |      |  |      |        |  |  |  |
| C10-C28 (TEPH-DRO)             | ND   | 50 | "     |      |  |      |        |  |  |  |
| C28-C36 (TEPH-ORO)             | ND   | 50 | "     |      |  |      |        |  |  |  |
| Surrogate: <i>o</i> -Terphenyl | 40.6 |    | "     | 50.0 |  | 81.2 | 70-130 |  |  |  |
| Surrogate: Trifluorotoluene    | 83.3 |    | "     | 100  |  | 83.3 | 70-130 |  |  |  |

**LCS (8042801-BS1)**

Prepared & Analyzed: 04/28/08

|                    |     |    |       |     |  |      |          |  |  |  |
|--------------------|-----|----|-------|-----|--|------|----------|--|--|--|
| C10-C28 (TEPH-DRO) | 477 | 50 | mg/kg | 500 |  | 95.4 | 65.3-142 |  |  |  |
|--------------------|-----|----|-------|-----|--|------|----------|--|--|--|

**LCS Dup (8042801-BSD1)**

Prepared & Analyzed: 04/28/08

|                    |     |    |       |     |  |      |          |       |      |  |
|--------------------|-----|----|-------|-----|--|------|----------|-------|------|--|
| C10-C28 (TEPH-DRO) | 473 | 50 | mg/kg | 500 |  | 94.6 | 65.3-142 | 0.842 | 19.7 |  |
|--------------------|-----|----|-------|-----|--|------|----------|-------|------|--|

**Matrix Spike (8042801-MS1)**

Source: R804150-01

Prepared & Analyzed: 04/28/08

|                    |     |    |       |     |    |      |          |  |  |  |
|--------------------|-----|----|-------|-----|----|------|----------|--|--|--|
| C10-C28 (TEPH-DRO) | 285 | 50 | mg/kg | 500 | ND | 57.0 | 55.2-139 |  |  |  |
|--------------------|-----|----|-------|-----|----|------|----------|--|--|--|

**Matrix Spike Dup (8042801-MSD1)**

Source: R804150-01

Prepared & Analyzed: 04/28/08

|                    |     |    |       |     |    |      |          |      |      |  |
|--------------------|-----|----|-------|-----|----|------|----------|------|------|--|
| C10-C28 (TEPH-DRO) | 385 | 50 | mg/kg | 500 | ND | 77.0 | 55.2-139 | 29.9 | 16.7 |  |
|--------------------|-----|----|-------|-----|----|------|----------|------|------|--|

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4600 West 60th Avenue  
Arvada CO, 80003

Project: PDC - Hoffner #1

Project Number: PDC 0893  
Project Manager: John Peterson

**Reported:**  
04/30/08 14:39

### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

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Summit Scientific

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# Summit Scientific

---

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

December 03, 2008

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Hoffner #1

Enclosed are the results of analyses for samples received by Summit Scientific on 12/02/08 15:05. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'BS', with a long, sweeping horizontal line extending to the right.

Ben Shrewsbury  
Vice President / Laboratory Director

LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada CO, 80003

Project: PDC - Hoffner #1

Project Number: PDC 0893  
Project Manager: John Peterson

**Reported:**  
12/03/08 08:40

## ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled   | Date Received  |
|-----------|---------------|--------|----------------|----------------|
| N01@10'   | R812006-01    | Soil   | 12/01/08 12:45 | 12/02/08 15:05 |
| E01@10'   | R812006-02    | Soil   | 12/01/08 12:50 | 12/02/08 15:05 |
| W01@10'   | R812006-03    | Soil   | 12/01/08 13:10 | 12/02/08 15:05 |

Summit Scientific



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LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada CO, 80003

Project: PDC - Hoffner #1

Project Number: PDC 0893  
Project Manager: John Peterson

**Reported:**  
12/03/08 08:40

**N01@10'**  
**R812006-01 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: 12/01/08 12:45

| Analyte       | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method                 | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|------------------------|-------|
| C6-C10 (GRO)  | ND     | 50              | mg/kg | 1        | 8120202 | 12/02/08 | 12/02/08 | 8015 Full Carbon Chain |       |
| C10-C28 (DRO) | ND     | 50              | "     | "        | "       | "        | "        | "                      |       |
| C28-C36 (ORO) | ND     | 50              | "     | "        | "       | "        | "        | "                      |       |
| C6-C36 TPH    | ND     | 50              | "     | "        | "       | "        | "        | "                      |       |

Date Sampled: 12/01/08 12:45

| Analyte                        | Result | Reporting Limit | Units    | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|----------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl |        | 104 %           | 77.7-123 |          | "     | "        | "        | "      |       |
| Surrogate: Trifluorotoluene    |        | 98.5 %          | 73.9-116 |          | "     | "        | "        | "      |       |

Summit Scientific



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LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada CO, 80003

Project: PDC - Hoffner #1

Project Number: PDC 0893  
Project Manager: John Peterson

**Reported:**  
12/03/08 08:40

**E01@10'**  
**R812006-02 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: 12/01/08 12:50

| Analyte       | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method                 | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|------------------------|-------|
| C6-C10 (GRO)  | ND     | 50              | mg/kg | 1        | 8120202 | 12/02/08 | 12/03/08 | 8015 Full Carbon Chain |       |
| C10-C28 (DRO) | ND     | 50              | "     | "        | "       | "        | "        | "                      |       |
| C28-C36 (ORO) | ND     | 50              | "     | "        | "       | "        | "        | "                      |       |
| C6-C36 TPH    | ND     | 50              | "     | "        | "       | "        | "        | "                      |       |

Date Sampled: 12/01/08 12:50

| Analyte                        | Result | Reporting Limit | Units    | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|----------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl |        | 106 %           | 77.7-123 |          | "     | "        | "        | "      |       |
| Surrogate: Trifluorotoluene    |        | 98.8 %          | 73.9-116 |          | "     | "        | "        | "      |       |

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LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada CO, 80003

Project: PDC - Hoffner #1

Project Number: PDC 0893  
Project Manager: John Peterson

**Reported:**  
12/03/08 08:40

**W01@10'**  
**R812006-03 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: 12/01/08 13:10

| Analyte       | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method                 | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|------------------------|-------|
| C6-C10 (GRO)  | ND     | 50              | mg/kg | 1        | 8120202 | 12/02/08 | 12/03/08 | 8015 Full Carbon Chain |       |
| C10-C28 (DRO) | ND     | 50              | "     | "        | "       | "        | "        | "                      |       |
| C28-C36 (ORO) | ND     | 50              | "     | "        | "       | "        | "        | "                      |       |
| C6-C36 TPH    | ND     | 50              | "     | "        | "       | "        | "        | "                      |       |

Date Sampled: 12/01/08 13:10

| Analyte                        | Result | Reporting Limit | Units    | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|----------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl |        | 105 %           | 77.7-123 |          | "     | "        | "        | "      |       |
| Surrogate: Trifluorotoluene    |        | 99.6 %          | 73.9-116 |          | "     | "        | "        | "      |       |

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LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada CO, 80003

Project: PDC - Hoffner #1  
Project Number: PDC 0893  
Project Manager: John Peterson

**Reported:**  
12/03/08 08:40

## Total Petroleum Hydrocarbons by 8015 - Quality Control Summit Scientific

| Analyte | Reporting |       |       | Spike | Source | %REC |        | RPD |       | Notes |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
|         | Result    | Limit | Units | Level | Result | %REC | Limits | RPD | Limit |       |

### Batch 8120202 - EPA 3550A

#### Blank (8120202-BLK1)

Prepared: 12/02/08 Analyzed: 12/03/08

|               |    |    |       |  |  |  |  |  |  |  |
|---------------|----|----|-------|--|--|--|--|--|--|--|
| C6-C10 (GRO)  | ND | 50 | mg/kg |  |  |  |  |  |  |  |
| C10-C28 (DRO) | ND | 50 | "     |  |  |  |  |  |  |  |
| C28-C36 (ORO) | ND | 50 | "     |  |  |  |  |  |  |  |
| C6-C36 TPH    | ND | 50 | "     |  |  |  |  |  |  |  |

#### LCS (8120202-BS1)

Prepared: 12/02/08 Analyzed: 12/03/08

|               |     |    |       |     |      |          |  |  |  |  |
|---------------|-----|----|-------|-----|------|----------|--|--|--|--|
| C10-C28 (DRO) | 494 | 50 | mg/kg | 500 | 98.8 | 83.3-127 |  |  |  |  |
|---------------|-----|----|-------|-----|------|----------|--|--|--|--|

#### LCS Dup (8120202-BSD1)

Prepared: 12/02/08 Analyzed: 12/03/08

|               |     |    |       |     |      |          |      |    |  |  |
|---------------|-----|----|-------|-----|------|----------|------|----|--|--|
| C10-C28 (DRO) | 485 | 50 | mg/kg | 500 | 97.0 | 83.3-127 | 1.84 | 15 |  |  |
|---------------|-----|----|-------|-----|------|----------|------|----|--|--|

#### Matrix Spike (8120202-MS1)

Source: R812004-01

Prepared: 12/02/08 Analyzed: 12/03/08

|               |     |    |       |     |    |      |          |  |  |  |
|---------------|-----|----|-------|-----|----|------|----------|--|--|--|
| C10-C28 (DRO) | 495 | 50 | mg/kg | 500 | ND | 99.0 | 75.8-126 |  |  |  |
|---------------|-----|----|-------|-----|----|------|----------|--|--|--|

#### Matrix Spike Dup (8120202-MSD1)

Source: R812004-01

Prepared: 12/02/08 Analyzed: 12/03/08

|               |     |    |       |     |    |      |          |      |      |  |
|---------------|-----|----|-------|-----|----|------|----------|------|------|--|
| C10-C28 (DRO) | 485 | 50 | mg/kg | 500 | ND | 97.0 | 75.8-126 | 2.04 | 13.6 |  |
|---------------|-----|----|-------|-----|----|------|----------|------|------|--|

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LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada CO, 80003

Project: PDC - Hoffner #1

Project Number: PDC 0893  
Project Manager: John Peterson

**Reported:**  
12/03/08 08:40

**Notes and Definitions**

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



# Summit Scientific

---

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

December 10, 2008

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Hoffner #1

Enclosed are the results of analyses for samples received by Summit Scientific on 12/09/08 09:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'BS', with a long, sweeping horizontal line extending to the right.

Ben Shrewsbury  
Vice President / Laboratory Director

LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada CO, 80003

Project: PDC - Hoffner #1

Project Number: PDC 0893  
Project Manager: John Peterson

**Reported:**  
12/10/08 10:46

## ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled   | Date Received  |
|-----------|---------------|--------|----------------|----------------|
| N02@15'   | R812043-01    | Soil   | 12/08/08 15:45 | 12/09/08 09:30 |
| W02@15'   | R812043-02    | Soil   | 12/08/08 15:48 | 12/09/08 09:30 |
| S01@15'   | R812043-03    | Soil   | 12/08/08 15:55 | 12/09/08 09:30 |
| B01@32'   | R812043-04    | Soil   | 12/08/08 16:00 | 12/09/08 09:30 |

Summit Scientific



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LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada CO, 80003

Project: PDC - Hoffner #1

Project Number: PDC 0893  
Project Manager: John Peterson

**Reported:**  
12/10/08 10:46

**N02@15'**  
**R812043-01 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: 12/08/08 15:45

| Analyte             | Result     | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method                 | Notes |
|---------------------|------------|-----------------|-------|----------|---------|----------|----------|------------------------|-------|
| <b>C6-C10 (GRO)</b> | <b>130</b> | 50              | mg/kg | 1        | 8120901 | 12/09/08 | 12/09/08 | 8015 Full Carbon Chain |       |
| C10-C28 (DRO)       | ND         | 50              | "     | "        | "       | "        | "        | "                      |       |
| C28-C36 (ORO)       | ND         | 50              | "     | "        | "       | "        | "        | "                      |       |
| <b>C6-C36 TPH</b>   | <b>160</b> | 50              | "     | "        | "       | "        | "        | "                      |       |

Date Sampled: 12/08/08 15:45

| Analyte                        | Result | Reporting Limit | Units    | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|----------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl |        | 101 %           | 77.7-123 |          | "     | "        | "        | "      |       |
| Surrogate: Trifluorotoluene    |        | 88.8 %          | 73.9-116 |          | "     | "        | "        | "      |       |

Summit Scientific



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LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada CO, 80003

Project: PDC - Hoffner #1

Project Number: PDC 0893  
Project Manager: John Peterson

**Reported:**  
12/10/08 10:46

**W02@15'**  
**R812043-02 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: 12/08/08 15:48

| Analyte             | Result     | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method                 | Notes |
|---------------------|------------|-----------------|-------|----------|---------|----------|----------|------------------------|-------|
| <b>C6-C10 (GRO)</b> | <b>110</b> | 50              | mg/kg | 1        | 8120901 | 12/09/08 | 12/09/08 | 8015 Full Carbon Chain |       |
| C10-C28 (DRO)       | ND         | 50              | "     | "        | "       | "        | "        | "                      |       |
| C28-C36 (ORO)       | ND         | 50              | "     | "        | "       | "        | "        | "                      |       |
| <b>C6-C36 TPH</b>   | <b>140</b> | 50              | "     | "        | "       | "        | "        | "                      |       |

Date Sampled: 12/08/08 15:48

| Analyte                        | Result | Reporting Limit | Units    | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|----------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl |        | 96.8 %          | 77.7-123 |          | "     | "        | "        | "      |       |
| Surrogate: Trifluorotoluene    |        | 87.2 %          | 73.9-116 |          | "     | "        | "        | "      |       |

Summit Scientific

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada CO, 80003

Project: PDC - Hoffner #1

Project Number: PDC 0893  
Project Manager: John Peterson

**Reported:**  
12/10/08 10:46

**S01@15'**  
**R812043-03 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: 12/08/08 15:55

| Analyte             | Result     | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method                 | Notes |
|---------------------|------------|-----------------|-------|----------|---------|----------|----------|------------------------|-------|
| <b>C6-C10 (GRO)</b> | <b>86</b>  | 50              | mg/kg | 1        | 8120901 | 12/09/08 | 12/09/08 | 8015 Full Carbon Chain |       |
| C10-C28 (DRO)       | ND         | 50              | "     | "        | "       | "        | "        | "                      |       |
| C28-C36 (ORO)       | ND         | 50              | "     | "        | "       | "        | "        | "                      |       |
| <b>C6-C36 TPH</b>   | <b>120</b> | 50              | "     | "        | "       | "        | "        | "                      |       |

Date Sampled: 12/08/08 15:55

| Analyte                        | Result | Reporting Limit | Units    | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|----------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl |        | 97.4 %          | 77.7-123 |          | "     | "        | "        | "      |       |
| Surrogate: Trifluorotoluene    |        | 86.2 %          | 73.9-116 |          | "     | "        | "        | "      |       |

Summit Scientific

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LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada CO, 80003

Project: PDC - Hoffner #1

Project Number: PDC 0893  
Project Manager: John Peterson

**Reported:**  
12/10/08 10:46

**B01@32'**  
**R812043-04 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: 12/08/08 16:00

| Analyte             | Result     | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method                 | Notes |
|---------------------|------------|-----------------|-------|----------|---------|----------|----------|------------------------|-------|
| <b>C6-C10 (GRO)</b> | <b>120</b> | 50              | mg/kg | 1        | 8120901 | 12/09/08 | 12/09/08 | 8015 Full Carbon Chain |       |
| C10-C28 (DRO)       | ND         | 50              | "     | "        | "       | "        | "        | "                      |       |
| C28-C36 (ORO)       | ND         | 50              | "     | "        | "       | "        | "        | "                      |       |
| <b>C6-C36 TPH</b>   | <b>160</b> | 50              | "     | "        | "       | "        | "        | "                      |       |

Date Sampled: 12/08/08 16:00

| Analyte                        | Result | Reporting Limit | Units    | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|----------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl |        | 99.4 %          | 77.7-123 |          | "     | "        | "        | "      |       |
| Surrogate: Trifluorotoluene    |        | 84.4 %          | 73.9-116 |          | "     | "        | "        | "      |       |

Summit Scientific

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LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada CO, 80003

Project: PDC - Hoffner #1  
Project Number: PDC 0893  
Project Manager: John Peterson

**Reported:**  
12/10/08 10:46

## Total Petroleum Hydrocarbons by 8015 - Quality Control Summit Scientific

| Analyte | Reporting |       |       | Spike | Source | %REC |        | RPD |       | Notes |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
|         | Result    | Limit | Units | Level | Result | %REC | Limits | RPD | Limit |       |

### Batch 8120901 - EPA 3550A

#### Blank (8120901-BLK1)

Prepared & Analyzed: 12/09/08

|               |    |    |       |  |  |  |  |  |  |  |
|---------------|----|----|-------|--|--|--|--|--|--|--|
| C6-C10 (GRO)  | ND | 50 | mg/kg |  |  |  |  |  |  |  |
| C10-C28 (DRO) | ND | 50 | "     |  |  |  |  |  |  |  |
| C28-C36 (ORO) | ND | 50 | "     |  |  |  |  |  |  |  |
| C6-C36 TPH    | ND | 50 | "     |  |  |  |  |  |  |  |

#### LCS (8120901-BS1)

Prepared & Analyzed: 12/09/08

|               |     |    |       |     |    |      |          |       |      |  |
|---------------|-----|----|-------|-----|----|------|----------|-------|------|--|
| C10-C28 (DRO) | 463 | 50 | mg/kg | 500 | 18 | 90.0 | 75.8-126 | 0.213 | 13.6 |  |
|---------------|-----|----|-------|-----|----|------|----------|-------|------|--|

#### LCS Dup (8120901-BSD1)

Prepared & Analyzed: 12/09/08

|               |     |    |       |     |    |      |          |       |      |  |
|---------------|-----|----|-------|-----|----|------|----------|-------|------|--|
| C10-C28 (DRO) | 459 | 50 | mg/kg | 500 | 18 | 90.2 | 75.8-126 | 0.213 | 13.6 |  |
|---------------|-----|----|-------|-----|----|------|----------|-------|------|--|

#### Matrix Spike (8120901-MS1)

Source: R812043-01

Prepared & Analyzed: 12/09/08

|               |     |    |       |     |    |      |          |       |      |  |
|---------------|-----|----|-------|-----|----|------|----------|-------|------|--|
| C10-C28 (DRO) | 468 | 50 | mg/kg | 500 | 18 | 90.0 | 75.8-126 | 0.213 | 13.6 |  |
|---------------|-----|----|-------|-----|----|------|----------|-------|------|--|

#### Matrix Spike Dup (8120901-MSD1)

Source: R812043-01

Prepared & Analyzed: 12/09/08

|               |     |    |       |     |    |      |          |       |      |  |
|---------------|-----|----|-------|-----|----|------|----------|-------|------|--|
| C10-C28 (DRO) | 469 | 50 | mg/kg | 500 | 18 | 90.2 | 75.8-126 | 0.213 | 13.6 |  |
|---------------|-----|----|-------|-----|----|------|----------|-------|------|--|

Summit Scientific

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LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada CO, 80003

Project: PDC - Hoffner #1

Project Number: PDC 0893  
Project Manager: John Peterson

**Reported:**  
12/10/08 10:46

**Notes and Definitions**

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



## Items for Project Manager Review

LabNumber

Analysis

Analyte

Exception

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VERSION 5.8.5:2709

Default Report (not modified)