



July 18, 2012

Mr. Brandon Bruns
Petroleum Development Corporation
1775 Sherman Street, Suite 3000
Denver, Colorado 80203

Beneficial Reuse Area #429629

**RE: Baseline Sampling Results
PDC Mud Spread Fields
Easton #2 Property
NW Sec 12 T4N R65W 6th PM
Weld County, Colorado**

Dear Mr. Bruns:

LT Environmental, Inc. (LTE) conducted baseline soil sampling and percolation testing at the Easton #2 Property (Site) located in Weld County, Colorado (Figure 1). The purpose of this sampling and analysis is to document baseline conditions before PDC Energy, Inc. (PDC) incorporates drilling fluid into the native soil as a beneficial amendment at the Site.

Baseline Soil Sampling (Organics/Inorganics)

The National Resource Conservation Service (NRCS) reports indicate the first three to six inches of soil at the Site are characterized as Nelson fine sandy loam. The table below lists the number of aliquots that were collected from the Site on July 2, 2012.

| Soil Type | Number of Aliquots |
|------------------------|--------------------|
| Nelson fine sandy loam | 1 |

The individual aliquots were composited vertically from ground surface to 18 inches using a hand auger. Eight soil samples were collected from the Site (SS01 through SS08) and transferred into laboratory prepared 4-ounce, wide mouth, glass jars (Figure 2). Soil sample locations are presented on Figure 2. The soil samples were placed on ice and delivered with a completed chain-of-custody form to Summit Scientific Laboratory, Inc. of Golden, Colorado (Summit). Soil samples SS02, SS03, SS06, and SS07 were submitted for the following analyses:



| Analyte | Method |
|---|---|
| Benzene, toluene, ethylbenzene, and total xylenes (BTEX) | EPA Method 8260B |
| Total Petroleum Hydrocarbons (TPH) – Gasoline Range Organics (GRO) | EPA Method 8260B |
| TPH – Diesel Range Organics (DRO) | EPA modified Method 8015 |
| Semi-volatile Organic Compounds (SVOC) | EPA Method 8270D SIM |
| Electrical Conductivity (EC) | USDA Agriculture Handbook Saturated Paste Method |
| Sodium Adsorption Ratio (SAR) | USDA Agriculture Handbook Saturated Paste Method |
| pH | USDA Agriculture Handbook Saturated Paste Method |
| Arsenic | EPA Method 6020B |
| Barium | EPA Method 6010B |
| Cadmium | EPA Method 6010B |
| Chromium (III) | Calculated |
| Chromium (VI) | EPA Method 6010B CR6 |
| Copper | EPA Method 6010B |
| Lead (inorganic) | EPA Method 6010B |
| Mercury | EPA Method 7471A |
| Nickel (soluble salts) | EPA Method 6010B |
| Selenium | EPA Method 6010B |
| Silver | EPA Method 6010B |
| Zinc | EPA Method 6010B |

Laboratory results indicate the BTEX, total TPH, SVOC, EC, pH, and SAR concentrations for each of the soil samples collected were in compliance with the Colorado Oil and Gas Conservation Commission (COGCC) Table 910-1 concentration levels.

Concentrations of metals in the soil samples, with the exception of arsenic, were in compliance with COGCC Table 910-1 levels. Laboratory results confirmed arsenic exceeded the COGCC Table 910-1 level in each of the soil samples. Elevated arsenic concentrations are not uncommon, as background concentrations for Colorado have been observed to range from 0.3 to 26 parts per million (ppm) (*Severson, R. C., and Tourlet, H. A., 1994, Assessment of Geochemical Variability and a Listing of Geotechnical Data for Surface Soils of the Front Range Urban Corridor: U.S. Geological Survey Open-File Report 94-648*). The arsenic concentrations detected at the Site appear to be representative of background concentrations observed in the regional soils.

The analytical results for the soil samples are summarized in Table 1. The laboratory analytical report is included in Attachment 1.



Potential Receptors

LTE has examined potential water receptors within approximately one quarter mile of the Site. Potential surface water receptors include Gilmore Ditch that lies approximately 40 feet north of the northern boundary of the Site. Potential groundwater receptors include a domestic well (permit #149610) 435 feet to the east, a domestic well (permit #171792) 730 feet to the east, a domestic well (permit #47263) 805 feet to the northwest, and a geothermal well (permit #88-GX) 1,025 feet to the south.

Soil Classification and Percolation Testing

LTE collected representative soil samples from the soil type (Nelson fine sandy loam) at the Site. One soil sample (SS03) was submitted for soil classification to Weld Laboratories, Inc. of Greeley, Colorado.

LTE also performed two percolation tests at the Site on July 2, 2012. The tests were performed by hand augering an 18-inch deep borings at the Site then pre-soaking the borings by maintaining a high water level. The actual percolation tests were conducted following the initial pre-soak. Once the water had percolated into the borings, LTE initiated the test by filling the borings to a specific level and installing a pressure transducer equipped with a data logger to measure the drop in water level as it percolated over a sufficient period of time.

Soil Classification and Percolation Testing Results

Laboratory results indicate the sample composited from the upper 18-inches of the Nelson fine sandy loam contains 17.1% silt and clay. The remaining 82.9% is composed of sand and organic matter. The Nelson fine sandy loam sample (SS03) was classified as a loamy sand by the laboratory.

Based on the results from the soil classification analyses, 9.1% of the soils across the Site are clay. The addition of bentonite-based drilling mud to the upper 18-inches of soil at the Site will increase the percentage of expansive clay material in the soil. Due to this increase, LTE recommends PDC conduct oversight of drilling mud application and incorporation activities to ensure soil structure, surface drainage, and infiltration is sufficient for future agricultural activities. Soil classification laboratory results are included in Attachment 2.

LTE generated Site-specific hydraulic conductivity data for the upper 18-inches of soil at the Site from percolation tests. The hydraulic conductivity for the upper soils at the Site is estimated to be between 1.00×10^{-4} and 1.13×10^{-4} centimeters per second (cm/sec) for samples PT02 and PT01, respectively. The hydraulic conductivity is consistent with published values for unconsolidated sediments that include silt, sandy silts, silty sands, clayey sands, fine sands, and till (*Applied Hydrogeology - Fourth Edition*, C.W. Fetter). Charts depicting the percolation test data for the Site are provided in Attachments 3 and 4.



Summary and Conclusions

Laboratory analysis of the soil samples indicate BTEX, total TPH, SVOC, EC, pH, SAR, and metals (with the exception of arsenic) are in compliance with COGCC Table 910-1 levels. The arsenic concentrations in each of the soil samples exceeded COGCC Table 910-1 levels. However, the arsenic concentrations appear to be representative of background concentrations observed in the regional soils.

The laboratory soil classification analyses indicate that the soil type at the Site is loamy sand. These results align with the classifications made by the NRCS. Hydraulic conductivity values from the percolation testing are consistent with the soil classification at the Site. Once drilling mud is incorporated at the Site, LTE anticipates the porosity and hydraulic conductivity will slightly decrease in the upper soils.

Please call us at (303) 433-9788 if you have any questions regarding this letter report or require additional information.

Sincerely,

LT ENVIRONMENTAL, INC.

A handwritten signature in black ink that reads "Devin Girtin". The signature is fluid and cursive, with the first and last names clearly legible.

Devin Girtin, G.I.T.
Staff Geologist

A handwritten signature in black ink that reads "Brian Dodek". The signature is fluid and cursive, with the first and last names clearly legible.

Brian Dodek, P.G.
Client Manager/Project Geologist

cc: Aaron Clyncke, PDC-Evans Office

Attachments (7):

Figure 1 - Site Location Map

Figure 2 - Site Map

Table 1 - Soil Analytical Results

Attachment 1 - Laboratory Analytical Report

Attachment 2 - Soil Classification Laboratory Report

Attachment 3 - Percolation Test Chart for Soil Sample PT01

Attachment 4 - Percolation Test Chart for Soil Sample PT02

FIGURES

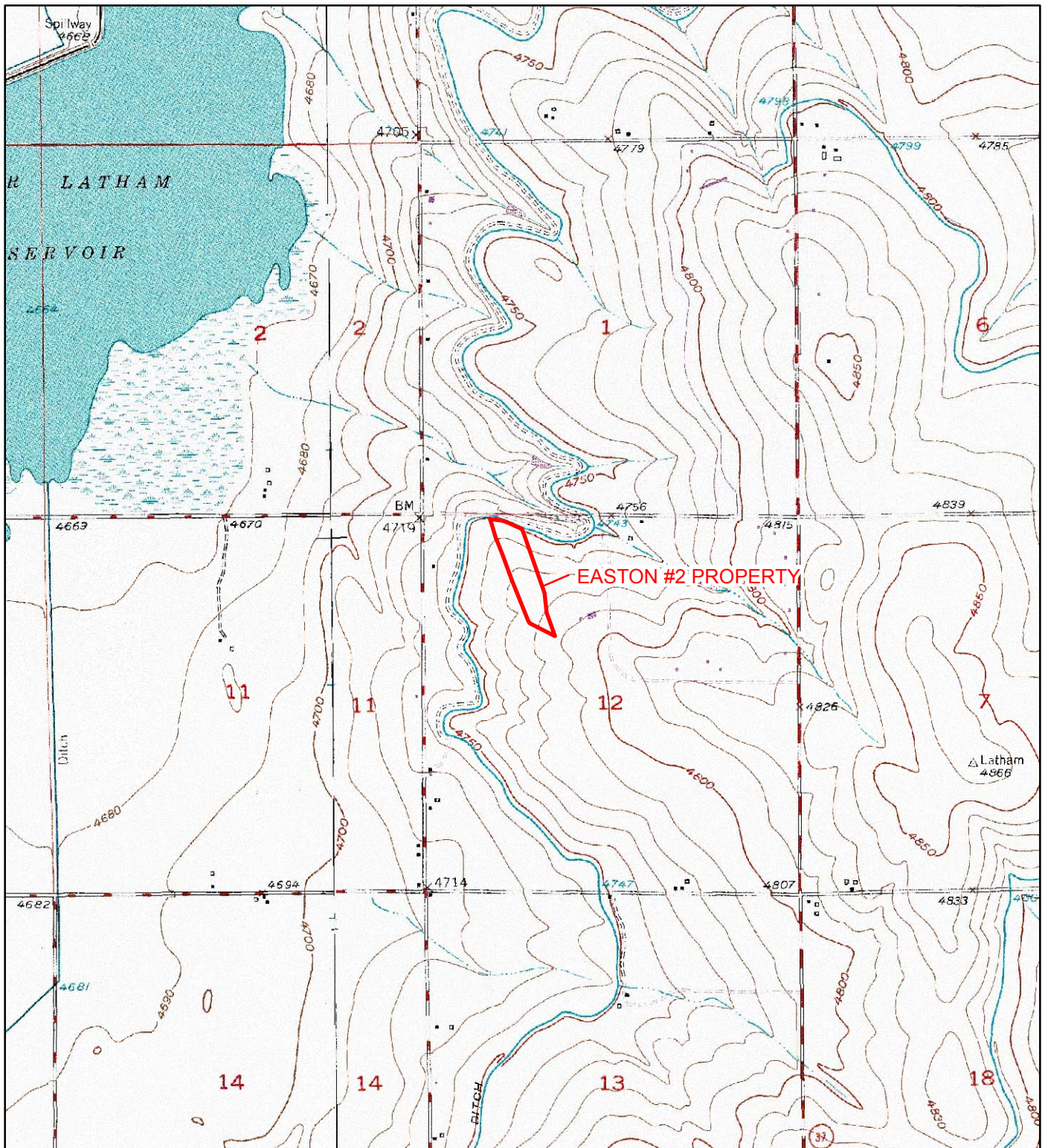


IMAGE COURTESY OF USDA/NRCS, 1994

LEGEND

POTENTIAL DRILLING MUD LAND APPLICATION AREA

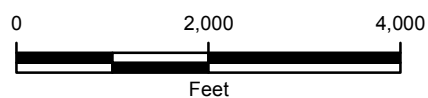


FIGURE 1
SITE LOCATION MAP
EASTON #2 PROPERTY
SEC 12 T4N R65W
WELD COUNTY, COLORADO
D87 '9B9F; MZ-B7"



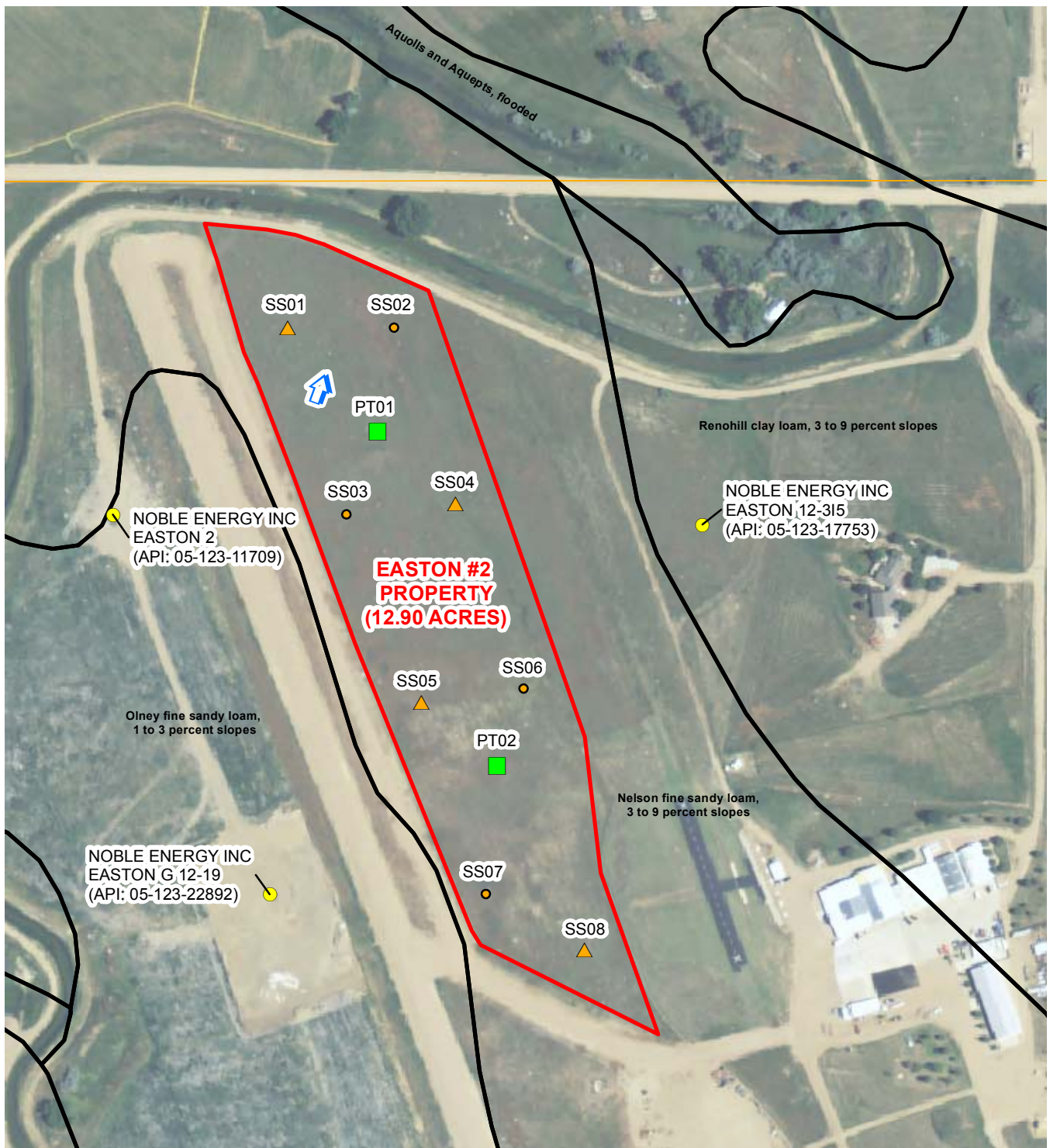


IMAGE COURTESY OF USDA/NRCS, 2011

LEGEND

- BACKGROUND SOIL SAMPLE
- ▲ ARSENIC SOIL SAMPLE
- PERCOLATION TEST
- PRODUCTION WELL
- ↑ ESTIMATED GROUNDWATER FLOW DIRECTION
- POTENTIAL DRILLING MUD LAND APPLICATION AREA
- NRCS SOIL TYPE
- SECTION

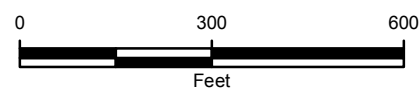


FIGURE 2
SOIL SAMPLE LOCATION MAP
EASTON #2 PROPERTY
SEC 12 T4N R65W
WELD COUNTY, COLORADO
PDC ENERGY, INC.



TABLE

TABLE 1
SOIL ANALYTICAL RESULTS
EASTON #2 PROPERTY
WELD COUNTY, COLORADO
PDC ENERGY, INC.

| Parameter | Standard | SS01 | SS02 | SS03 | SS04 |
|------------------------------------|----------|-------------|-------------|-------------|-------------|
| Depth (feet) | | 0-1.5 | 0-1.5 | 0-1.5 | 0-1.5 |
| Sample Date | | 7/2/2012 | 7/2/2012 | 7/2/2012 | 7/2/2012 |
| Inorganics | | | | | |
| Electrical Conductivity (mmhos/cm) | 4 | NA | 0.332 | 0.176 | NA |
| SAR (ratio) | 12 | NA | 0.200 | 0.360 | NA |
| pH, Lab (pH Units) | 6 to 9 | NA | 8.3 | 7.8 | NA |
| Metals | | | | | |
| Chromium (mg/kg) | | NA | 6.92 | 7.27 | NA |
| Arsenic (mg/kg) | 0.39 | 1.51 | 2.49 | 2.46 | 1.97 |
| Barium (mg/kg) | 15000 | NA | 62.8 | 75.6 | NA |
| Cadmium (mg/kg) | 70 | NA | 0.123 | 0.155 | NA |
| Chromium+3 Calculated (mg/kg) | 120000 | NA | 5.92 | 6.27 | NA |
| Chromium, Hexavalent (mg/kg) | 23 | NA | <1 | <1 | NA |
| Copper (mg/kg) | 3100 | NA | 5.62 | 5.70 | NA |
| Lead (mg/kg) | 400 | NA | 6.47 | 7.08 | NA |
| Mercury (mg/kg) | 23 | NA | <0.0500 | <0.0500 | NA |
| Nickel (mg/kg) | 1600 | NA | 7.19 | 6.94 | NA |
| Selenium (mg/kg) | 390 | NA | <0.100 | 0.102 | NA |
| Silver (mg/kg) | 390 | NA | <0.100 | <0.100 | NA |
| Zinc (mg/kg) | 23000 | NA | 25.9 | 24.5 | NA |
| Organic Compounds | | | | | |
| TPH-DRO (mg/kg) | | NA | <50 | <50 | NA |
| TPH-GRO (mg/kg) | | NA | <0.50 | <0.50 | NA |
| TPH-Total (mg/kg) | 500 | NA | <50.5 | <50.5 | NA |
| Benzene (mg/kg) | 0.17 | NA | <0.0050 | <0.0050 | NA |
| Toluene (mg/kg) | 85 | NA | <0.0050 | <0.0050 | NA |
| Ethylbenzene (mg/kg) | 100 | NA | <0.0050 | <0.0050 | NA |
| Xylenes, Total (mg/kg) | 175 | NA | <0.0050 | <0.0050 | NA |
| Acenaphthene (mg/kg) | 1000 | NA | <0.005 | <0.005 | NA |
| Anthracene (mg/kg) | 1000 | NA | <0.005 | <0.005 | NA |
| Benzo (a) anthracene (mg/kg) | 0.22 | NA | <0.005 | <0.005 | NA |
| Benzo (b) fluoranthene (mg/kg) | 0.22 | NA | <0.005 | <0.005 | NA |
| Benzo (k) fluoranthene (mg/kg) | 2.2 | NA | <0.005 | <0.005 | NA |
| Benzo (a) pyrene (mg/kg) | 0.022 | NA | <0.005 | <0.005 | NA |
| Chrysene (mg/kg) | 22 | NA | <0.005 | <0.005 | NA |
| Dibenz (a,h) anthracene (mg/kg) | 0.022 | NA | <0.01 | <0.01 | NA |
| Fluoranthene (mg/kg) | 1000 | NA | <0.005 | <0.005 | NA |
| Fluorene (mg/kg) | 1000 | NA | <0.005 | <0.005 | NA |
| Indeno (1,2,3-cd) pyrene (mg/kg) | 0.22 | NA | <0.01 | <0.01 | NA |
| Naphthalene (mg/kg) | 23 | NA | <0.005 | <0.005 | NA |
| Pyrene (mg/kg) | 1000 | NA | <0.005 | <0.005 | NA |

TABLE 1 (Continued)
SOIL ANALYTICAL RESULTS
EASTON #2 PROPERTY
WELD COUNTY, COLORADO
PDC ENERGY, INC.

| Parameter | Standard | SS05 | SS06 | SS07 | SS08 |
|------------------------------------|----------|-------------|-------------|-------------|-------------|
| Depth (feet) | | 0-1.5 | 0-1.5 | 0-1.5 | 0-1.5 |
| Sample Date | | 7/2/2012 | 7/2/2012 | 7/2/2012 | 7/2/2012 |
| Inorganics | | | | | |
| Electrical Conductivity (mmhos/cm) | 4 | NA | 0.449 | 0.644 | NA |
| SAR (ratio) | 12 | NA | 0.750 | 0.700 | NA |
| pH, Lab (pH Units) | 6 to 9 | NA | 8.5 | 8.3 | NA |
| Metals | | | | | |
| Chromium (mg/kg) | | NA | 9.74 | 8.88 | NA |
| Arsenic (mg/kg) | 0.39 | 3.18 | 2.89 | 4.40 | 2.63 |
| Barium (mg/kg) | 15000 | NA | 94.7 | 104 | NA |
| Cadmium (mg/kg) | 70 | NA | 0.397 | 0.297 | NA |
| Chromium+3 Calculated (mg/kg) | 120000 | NA | 8.74 | 7.88 | NA |
| Chromium, Hexavalent (mg/kg) | 23 | NA | <1 | <1 | NA |
| Copper (mg/kg) | 3100 | NA | 12.9 | 11.2 | NA |
| Lead (mg/kg) | 400 | NA | 10.8 | 11.1 | NA |
| Mercury (mg/kg) | 23 | NA | <0.0500 | <0.0500 | NA |
| Nickel (mg/kg) | 1600 | NA | 13.8 | 10.9 | NA |
| Selenium (mg/kg) | 390 | NA | 0.219 | 0.209 | NA |
| Silver (mg/kg) | 390 | NA | <0.100 | <0.100 | NA |
| Zinc (mg/kg) | 23000 | NA | 57.0 | 44.7 | NA |
| Organic Compounds | | | | | |
| TPH-DRO (mg/kg) | | NA | <50 | <50 | NA |
| TPH-GRO (mg/kg) | | NA | <0.50 | <0.50 | NA |
| TPH-Total (mg/kg) | 500 | NA | <50.5 | <50.5 | NA |
| Benzene (mg/kg) | 0.17 | NA | <0.0050 | <0.0050 | NA |
| Toluene (mg/kg) | 85 | NA | <0.0050 | <0.0050 | NA |
| Ethylbenzene (mg/kg) | 100 | NA | <0.0050 | <0.0050 | NA |
| Xylenes, Total (mg/kg) | 175 | NA | <0.0050 | <0.0050 | NA |
| Acenaphthene (mg/kg) | 1000 | NA | <0.005 | <0.005 | NA |
| Anthracene (mg/kg) | 1000 | NA | <0.005 | <0.005 | NA |
| Benzo (a) anthracene (mg/kg) | 0.22 | NA | <0.005 | <0.005 | NA |
| Benzo (b) fluoranthene (mg/kg) | 0.22 | NA | <0.005 | <0.005 | NA |
| Benzo (k) fluoranthene (mg/kg) | 2.2 | NA | <0.005 | <0.005 | NA |
| Benzo (a) pyrene (mg/kg) | 0.022 | NA | <0.005 | <0.005 | NA |
| Chrysene (mg/kg) | 22 | NA | <0.005 | <0.005 | NA |
| Dibenz (a,h) anthracene (mg/kg) | 0.022 | NA | <0.01 | <0.01 | NA |
| Fluoranthene (mg/kg) | 1000 | NA | <0.005 | <0.005 | NA |
| Fluorene (mg/kg) | 1000 | NA | <0.005 | <0.005 | NA |
| Indeno (1,2,3-cd) pyrene (mg/kg) | 0.22 | NA | <0.01 | <0.01 | NA |
| Naphthalene (mg/kg) | 23 | NA | <0.005 | <0.005 | NA |
| Pyrene (mg/kg) | 1000 | NA | <0.005 | <0.005 | NA |



TABLE 1 (Continued)
SOIL ANALYTICAL RESULTS
EASTON #2 PROPERTY
WELD COUNTY, COLORADO
PDC ENERGY, INC.

| Parameter | Standard | SS05 | SS06 | SS07 | SS08 |
|--------------|----------|----------|----------|----------|----------|
| Depth (feet) | | 0-1.5 | 0-1.5 | 0-1.5 | 0-1.5 |
| Sample Date | | 7/2/2012 | 7/2/2012 | 7/2/2012 | 7/2/2012 |

Notes:

DRO - Diesel Range Organics

mmhos/cm - millimhos per centimeter

< - less than stated laboratory reporting limit

GRO - Gasoline Range Organics

SAR - Sodium Adsorption Ratio

NA - Not Analyzed

mg/kg - milligrams per kilogram

TPH - Total Petroleum Hydrocarbons (C6-C28)

Basic Standards for Soil are taken from 2 CCR 404-1, Table 910-1, effective April 2009.

Bold numbers indicate result equalled or exceeded standard.

TPH-Total - sum of TPH-GRO and TPH-DRO



ATTACHMENT 1
LABORATORY ANALYTICAL REPORT



Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

July 10, 2012

Brian Dodek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Easton Property

Enclosed are the results of analyses for samples received by Summit Scientific on 07/02/12 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Paul Shrewsbury For Ben Shrewsbury
President / Laboratory Director



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

Project: PDC - Easton Property

Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| SS01 | R207019-01 | Soil | 07/02/12 12:05 | 07/02/12 16:30 |
| SS02 | R207019-02 | Soil | 07/02/12 12:20 | 07/02/12 16:30 |
| SS03 | R207019-03 | Soil | 07/02/12 12:40 | 07/02/12 16:30 |
| SS04 | R207019-04 | Soil | 07/02/12 13:00 | 07/02/12 16:30 |
| SS05 | R207019-05 | Soil | 07/02/12 13:15 | 07/02/12 16:30 |
| SS06 | R207019-06 | Soil | 07/02/12 13:35 | 07/02/12 16:30 |
| SS07 | R207019-07 | Soil | 07/02/12 13:55 | 07/02/12 16:30 |
| SS08 | R207019-08 | Soil | 07/02/12 14:10 | 07/02/12 16:30 |

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 - Easton Property

Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

R 207019

Summit Scientific

741 Comstock Circle Suite 100 • Golden, Colorado 80401
303-277-9310 • 303-277-9531 Fax

Client: LT Environmental, Inc.
Address: 4600 West 60th Avenue
City/State/Zip: Arvada, CO 80003
Phone: (303) 433-9788
Sample Name: Dev. Gr. 1st
Project Manager: Brian Dodek
E-Mail: bdodek@ltenv.com
Project Name: Easton #2 Property
Project Number: 0788 RD

| Sample Description | Date Sampled | Time Sampled | Number of Containers | Preservative | | | | Matrix | | | | Analyze For: | | | | Special Instructions | |
|--------------------|--------------|--------------|----------------------|--------------|------------------|------|-----------------|-------------|------|-------------------------|-----------------|--------------|-------|------|---------|----------------------|-----|
| | | | | HCl | HNO ₃ | None | Other (Specify) | Groundwater | Soil | Air - Canister Serial # | Other (Specify) | DRO | GBTEX | BTEX | PH / EC | | SAR |
| SS01 | 7-2-12 | 1205 | 1 | | | X | | | | | | | | | | X | |
| SS02 | | 1230 | 3 | | | | | | | | | | | | | X | |
| SS03 | | 1240 | 3 | | | | | | | | | | | | | X | |
| SS04 | | 1300 | 1 | | | | | | | | | | | | | X | |
| SS05 | | 1315 | 1 | | | | | | | | | | | | | X | |
| SS06 | | 1335 | 3 | | | | | | | | | | | | | X | |
| SS07 | | 1355 | 3 | | | | | | | | | | | | | X | |
| SS08 | | 1410 | 1 | | | | | | | | | | | | | X | |

| | | | | | |
|--------------------------------------|--------------------------|--------------|------------|---|--|
| Relinquished by: <u>Dev. Gr. 1st</u> | Date Time: <u>7-2-12</u> | Received by: | Date Time: | Turn Around Time (Check): Same Day <input type="checkbox"/> 24 Hours <input checked="" type="checkbox"/> 48 Hours <input type="checkbox"/> 72 Hours <input type="checkbox"/> Standard <input type="checkbox"/> | Notes: Full Table 910-1 for SS02, SS03, SS06, + SS09. |
| Relinquished by: | Date Time: | Received by: | Date Time: | Sample Integrity: Temperature Upon Receipt: <u>50</u> Impact: <u>Yes</u> No | As only for other samples |
| Relinquished by: | Date Time: | Received by: | Date Time: | | |

www.s2scientific.com

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 - Easton Property
Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

SS01
R207019-01 (Soil)

Summit Scientific

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **07/02/12 12:05**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|---------|----------|----------|----------|-------|
| Arsenic | 1.51 | 0.100 | mg/kg | 1 | 2070301 | 07/03/12 | 07/03/12 | EPA 6020 | |

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 - Easton Property
Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

SS02
R207019-02 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: **07/02/12 12:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 2070212 | 07/02/12 | 07/03/12 | 8015 DRO | |

Date Sampled: **07/02/12 12:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl | | 99.3 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/02/12 12:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | ND | 0.0050 | mg/kg | 1 | 2070211 | 07/02/12 | 07/02/12 | EPA 8260B | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.0050 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | " | " | " | " | " | |

Date Sampled: **07/02/12 12:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 109 % | 30-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 101 % | 30-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 91.6 % | 30-150 | | " | " | " | " | |

Semivolatile Organic Compounds by EPA Method 8270D SIM

Date Sampled: **07/02/12 12:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------|--------|-----------------|-------|----------|---------|----------|----------|------------------|-------|
| Acenaphthene | ND | 5.00 | ug/kg | 1 | 2070210 | 07/02/12 | 07/03/12 | EPA 8270D SIM | |
| Acenaphthylene | ND | 5.00 | " | " | " | " | " | " | |

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 - Easton Property

Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

SS02
R207019-02 (Soil)

Summit Scientific

Semivolatile Organic Compounds by EPA Method 8270D SIM

| Analyte | Result | Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-------|-------|----------|---------|----------|----------|---------------|-------|
| Anthracene | ND | 5.00 | ug/kg | 1 | 2070210 | 07/02/12 | 07/03/12 | EPA 8270D SIM | |
| Benzo (a) anthracene | ND | 5.00 | " | " | " | " | " | " | |
| Benzo (b) fluoranthene | ND | 5.00 | " | " | " | " | " | " | |
| Benzo (k) fluoranthene | ND | 5.00 | " | " | " | " | " | " | |
| Benzo (g,h,i) perylene | ND | 5.00 | " | " | " | " | " | " | |
| Benzo (a) pyrene | ND | 5.00 | " | " | " | " | " | " | |
| Chrysene | ND | 5.00 | " | " | " | " | " | " | |
| Dibenz (a,h) anthracene | ND | 10.0 | " | " | " | " | " | " | |
| Fluoranthene | ND | 5.00 | " | " | " | " | " | " | |
| Fluorene | ND | 5.00 | " | " | " | " | " | " | |
| Indeno (1,2,3-cd) pyrene | ND | 10.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 5.00 | " | " | " | " | " | " | |
| Phenanthrene | ND | 5.00 | " | " | " | " | " | " | |
| Pyrene | ND | 5.00 | " | " | " | " | " | " | |

Date Sampled: 07/02/12 12:20

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | | 92.0 % | 50-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | | 102 % | 50-150 | | " | " | " | " | |

Calculated Analytes

Date Sampled: 07/02/12 12:20

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Chromium+3 Calculated | 5.92 | 1.00 | mg/kg | 1 | 2070915 | 07/09/12 | 07/09/12 | Calculation | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: 07/02/12 12:20

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 2.49 | 0.100 | mg/kg | 1 | 2070301 | 07/03/12 | 07/03/12 | EPA 6020A | |
| Barium | 62.8 | 0.100 | " | " | " | " | " | " | |
| Cadmium | 0.123 | 0.100 | " | " | " | " | " | " | |

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 - Easton Property

Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

SS02
R207019-02 (Soil)

Summit Scientific

Total Metals by EPA Method 6020 - Dry Weight Basis

| | | | | | | | | | |
|-----------------|-------------|-------|-------|---|---------|----------|----------|-----------|--|
| Chromium | 6.92 | 0.100 | mg/kg | 1 | 2070301 | 07/03/12 | 07/03/12 | EPA 6020A | |
| Copper | 5.62 | 0.500 | " | " | " | " | " | " | |
| Lead | 6.47 | 0.100 | " | " | " | " | " | " | |
| Nickel | 7.19 | 0.100 | " | " | " | " | " | " | |
| Selenium | ND | 0.100 | " | " | " | " | " | " | |
| Silver | ND | 0.100 | " | " | " | " | " | " | |
| Zinc | 25.9 | 10.0 | " | " | " | " | " | " | |

Total Mercury by EPA Method 7471/7470

Date Sampled: **07/02/12 12:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Mercury | ND | 0.0500 | mg/kg | 1 | 2070303 | 07/03/12 | 07/03/12 | EPA 7471B | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **07/02/12 12:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------------|-----------------|----------|----------|---------|----------|----------|----------|-------|
| Specific Conductance (EC) | 0.332 | 0.00100 | mmhos/cm | 1 | 2070312 | 07/03/12 | 07/03/12 | SM 2510B | |

Date Sampled: **07/02/12 12:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|------------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 8.3 | | pH Units | " | 2070311 | 07/03/12 | 07/03/12 | EPA 9045B | |

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **07/02/12 12:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------|-------------|-----------------|-------|----------|---------|----------|----------|-------------------------------|-------|
| Calcium | 204 | 2.50 | mg/kg | 1 | 2070302 | 07/03/12 | 07/03/12 | EPA 6020/Mod. USDA60 6(2, 3A) | |
| Magnesium | 23.9 | 1.00 | " | " | " | " | " | " | |
| Sodium | 11.1 | 7.00 | " | " | " | " | " | " | |

Summit Scientific

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

Project: PDC - Easton Property
Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

SS02
R207019-02 (Soil)

Summit Scientific

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **07/02/12 12:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|--|-------|
| Sodium Adsorption Ratio | 0.200 | | units | 1 | 2070317 | 07/03/12 | 07/03/12 | EPA 6020/Mod. USDA60 6(2, 3A) | |

Accutest Laboratories - 6010 Hexavalent Chromium, Soil (3060A Mod Digest)

Date Sampled: **07/02/12 12:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|--------------------|-------|----------|---------|----------|----------|-----------------|-------|
| Chromium, Hexavalent | ND | 1 | mg/kg | 1 | 2070915 | 07/09/12 | 07/09/12 | 3060A/7196 A | |

Summit Scientific

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

Project: PDC - Easton Property
Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

SS03
R207019-03 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: 07/02/12 12:40

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 2070212 | 07/02/12 | 07/03/12 | 8015 DRO | |

Date Sampled: 07/02/12 12:40

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 112 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 07/02/12 12:40

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | ND | 0.0050 | mg/kg | 1 | 2070211 | 07/02/12 | 07/02/12 | EPA 8260B | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.0050 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | " | " | " | " | " | |

Date Sampled: 07/02/12 12:40

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 110 % | 30-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 99.0 % | 30-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 92.2 % | 30-150 | | " | " | " | " | |

Semivolatile Organic Compounds by EPA Method 8270D SIM

Date Sampled: 07/02/12 12:40

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------|--------|-----------------|-------|----------|---------|----------|----------|------------------|-------|
| Acenaphthene | ND | 5.00 | ug/kg | 1 | 2070210 | 07/02/12 | 07/03/12 | EPA 8270D SIM | |
| Acenaphthylene | ND | 5.00 | " | " | " | " | " | " | |

Summit Scientific

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

Project: PDC - Easton Property

Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

SS03
R207019-03 (Soil)

Summit Scientific

Semivolatile Organic Compounds by EPA Method 8270D SIM

| Analyte | Result | Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-------|-------|----------|---------|----------|----------|---------------|-------|
| Anthracene | ND | 5.00 | ug/kg | 1 | 2070210 | 07/02/12 | 07/03/12 | EPA 8270D SIM | |
| Benzo (a) anthracene | ND | 5.00 | " | " | " | " | " | " | |
| Benzo (b) fluoranthene | ND | 5.00 | " | " | " | " | " | " | |
| Benzo (k) fluoranthene | ND | 5.00 | " | " | " | " | " | " | |
| Benzo (g,h,i) perylene | ND | 5.00 | " | " | " | " | " | " | |
| Benzo (a) pyrene | ND | 5.00 | " | " | " | " | " | " | |
| Chrysene | ND | 5.00 | " | " | " | " | " | " | |
| Dibenz (a,h) anthracene | ND | 10.0 | " | " | " | " | " | " | |
| Fluoranthene | ND | 5.00 | " | " | " | " | " | " | |
| Fluorene | ND | 5.00 | " | " | " | " | " | " | |
| Indeno (1,2,3-cd) pyrene | ND | 10.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 5.00 | " | " | " | " | " | " | |
| Phenanthrene | ND | 5.00 | " | " | " | " | " | " | |
| Pyrene | ND | 5.00 | " | " | " | " | " | " | |

Date Sampled: 07/02/12 12:40

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | | 97.9 % | 50-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | | 111 % | 50-150 | | " | " | " | " | |

Calculated Analytes

Date Sampled: 07/02/12 12:40

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Chromium+3 Calculated | 6.27 | 1.00 | mg/kg | 1 | 2070915 | 07/09/12 | 07/09/12 | Calculation | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: 07/02/12 12:40

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 2.46 | 0.100 | mg/kg | 1 | 2070301 | 07/03/12 | 07/03/12 | EPA 6020A | |
| Barium | 75.6 | 0.100 | " | " | " | " | " | " | |
| Cadmium | 0.155 | 0.100 | " | " | " | " | " | " | |

Summit Scientific

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

Project: PDC - Easton Property

Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

SS03
R207019-03 (Soil)

Summit Scientific

Total Metals by EPA Method 6020 - Dry Weight Basis

| | | | | | | | | | |
|----------|-------|-------|-------|---|---------|----------|----------|-----------|--|
| Chromium | 7.27 | 0.100 | mg/kg | 1 | 2070301 | 07/03/12 | 07/03/12 | EPA 6020A | |
| Copper | 5.70 | 0.500 | " | " | " | " | " | " | |
| Lead | 7.08 | 0.100 | " | " | " | " | " | " | |
| Nickel | 6.94 | 0.100 | " | " | " | " | " | " | |
| Selenium | 0.102 | 0.100 | " | " | " | " | " | " | |
| Silver | ND | 0.100 | " | " | " | " | " | " | |
| Zinc | 24.5 | 10.0 | " | " | " | " | " | " | |

Total Mercury by EPA Method 7471/7470

Date Sampled: 07/02/12 12:40

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Mercury | ND | 0.0500 | mg/kg | 1 | 2070303 | 07/03/12 | 07/03/12 | EPA 7471B | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: 07/02/12 12:40

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|----------|-------|
| Specific Conductance (EC) | 0.176 | 0.00100 | mmhos/cm | 1 | 2070312 | 07/03/12 | 07/03/12 | SM 2510B | |

Date Sampled: 07/02/12 12:40

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 7.8 | | pH Units | " | 2070311 | 07/03/12 | 07/03/12 | EPA 9045B | |

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: 07/02/12 12:40

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|-------|----------|---------|----------|----------|-------------------------------|-------|
| Calcium | 25.9 | 2.50 | mg/kg | 1 | 2070302 | 07/03/12 | 07/03/12 | EPA 6020/Mod. USDA60 6(2, 3A) | |
| Magnesium | 10.9 | 1.00 | " | " | " | " | " | " | |
| Sodium | 8.76 | 7.00 | " | " | " | " | " | " | |

Summit Scientific

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

Project: PDC - Easton Property
Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

SS03
R207019-03 (Soil)

Summit Scientific

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **07/02/12 12:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|--|-------|
| Sodium Adsorption Ratio | 0.360 | | units | 1 | 2070317 | 07/03/12 | 07/03/12 | EPA 6020/Mod. USDA60 6(2, 3A) | |

Accutest Laboratories - 6010 Hexavalent Chromium, Soil (3060A Mod Digest)

Date Sampled: **07/02/12 12:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|--------------------|-------|----------|---------|----------|----------|-----------------|-------|
| Chromium, Hexavalent | ND | 1 | mg/kg | 1 | 2070915 | 07/09/12 | 07/09/12 | 3060A/7196 A | |

Summit Scientific

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

Project: PDC - Easton Property

Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

SS04
R207019-04 (Soil)

Summit Scientific

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **07/02/12 13:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|---------|----------|----------|----------|-------|
| Arsenic | 1.97 | 0.100 | mg/kg | 1 | 2070301 | 07/03/12 | 07/03/12 | EPA 6020 | |

Summit Scientific

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

Project: PDC - Easton Property

Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

SS05
R207019-05 (Soil)

Summit Scientific

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **07/02/12 13:15**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|---------|----------|----------|----------|-------|
| Arsenic | 3.18 | 0.100 | mg/kg | 1 | 2070301 | 07/03/12 | 07/03/12 | EPA 6020 | |

Summit Scientific

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

Project: PDC - Easton Property
Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

SS06
R207019-06 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: 07/02/12 13:35

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 2070212 | 07/02/12 | 07/03/12 | 8015 DRO | |

Date Sampled: 07/02/12 13:35

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 104 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 07/02/12 13:35

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | ND | 0.0050 | mg/kg | 1 | 2070211 | 07/02/12 | 07/02/12 | EPA 8260B | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.0050 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | " | " | " | " | " | |

Date Sampled: 07/02/12 13:35

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 115 % | 30-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 100 % | 30-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 93.5 % | 30-150 | | " | " | " | " | |

Semivolatile Organic Compounds by EPA Method 8270D SIM

Date Sampled: 07/02/12 13:35

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------|--------|-----------------|-------|----------|---------|----------|----------|------------------|-------|
| Acenaphthene | ND | 5.00 | ug/kg | 1 | 2070210 | 07/02/12 | 07/03/12 | EPA 8270D SIM | |
| Acenaphthylene | ND | 5.00 | " | " | " | " | " | " | |

Summit Scientific

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

Project: PDC - Easton Property

Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

SS06
R207019-06 (Soil)

Summit Scientific

Semivolatile Organic Compounds by EPA Method 8270D SIM

| Analyte | Result | Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-------|-------|----------|---------|----------|----------|---------------|-------|
| Anthracene | ND | 5.00 | ug/kg | 1 | 2070210 | 07/02/12 | 07/03/12 | EPA 8270D SIM | |
| Benzo (a) anthracene | ND | 5.00 | " | " | " | " | " | " | |
| Benzo (b) fluoranthene | ND | 5.00 | " | " | " | " | " | " | |
| Benzo (k) fluoranthene | ND | 5.00 | " | " | " | " | " | " | |
| Benzo (g,h,i) perylene | ND | 5.00 | " | " | " | " | " | " | |
| Benzo (a) pyrene | ND | 5.00 | " | " | " | " | " | " | |
| Chrysene | ND | 5.00 | " | " | " | " | " | " | |
| Dibenz (a,h) anthracene | ND | 10.0 | " | " | " | " | " | " | |
| Fluoranthene | ND | 5.00 | " | " | " | " | " | " | |
| Fluorene | ND | 5.00 | " | " | " | " | " | " | |
| Indeno (1,2,3-cd) pyrene | ND | 10.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 5.00 | " | " | " | " | " | " | |
| Phenanthrene | ND | 5.00 | " | " | " | " | " | " | |
| Pyrene | ND | 5.00 | " | " | " | " | " | " | |

Date Sampled: 07/02/12 13:35

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | | 92.0 % | 50-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | | 101 % | 50-150 | | " | " | " | " | |

Calculated Analytes

Date Sampled: 07/02/12 13:35

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Chromium+3 Calculated | 8.74 | 1.00 | mg/kg | 1 | 2070915 | 07/09/12 | 07/09/12 | Calculation | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: 07/02/12 13:35

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 2.89 | 0.100 | mg/kg | 1 | 2070301 | 07/03/12 | 07/03/12 | EPA 6020A | |
| Barium | 94.7 | 0.100 | " | " | " | " | " | " | |
| Cadmium | 0.397 | 0.100 | " | " | " | " | " | " | |

Summit Scientific

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

Project: PDC - Easton Property

Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

SS06
R207019-06 (Soil)

Summit Scientific

Total Metals by EPA Method 6020 - Dry Weight Basis

| | | | | | | | | | |
|----------|-------|-------|-------|---|---------|----------|----------|-----------|--|
| Chromium | 9.74 | 0.100 | mg/kg | 1 | 2070301 | 07/03/12 | 07/03/12 | EPA 6020A | |
| Copper | 12.9 | 0.500 | " | " | " | " | " | " | |
| Lead | 10.8 | 0.100 | " | " | " | " | " | " | |
| Nickel | 13.8 | 0.100 | " | " | " | " | " | " | |
| Selenium | 0.219 | 0.100 | " | " | " | " | " | " | |
| Silver | ND | 0.100 | " | " | " | " | " | " | |
| Zinc | 57.0 | 10.0 | " | " | " | " | " | " | |

Total Mercury by EPA Method 7471/7470

Date Sampled: 07/02/12 13:35

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Mercury | ND | 0.0500 | mg/kg | 1 | 2070303 | 07/03/12 | 07/03/12 | EPA 7471B | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: 07/02/12 13:35

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|----------|-------|
| Specific Conductance (EC) | 0.449 | 0.00100 | mmhos/cm | 1 | 2070312 | 07/03/12 | 07/03/12 | SM 2510B | |

Date Sampled: 07/02/12 13:35

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 8.5 | | pH Units | " | 2070311 | 07/03/12 | 07/03/12 | EPA 9045B | |

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: 07/02/12 13:35

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|-------|----------|---------|----------|----------|-------------------------------|-------|
| Calcium | 450 | 2.50 | mg/kg | 1 | 2070302 | 07/03/12 | 07/03/12 | EPA 6020/Mod. USDA60 6(2, 3A) | |
| Magnesium | 76.0 | 1.00 | " | " | " | " | " | " | |
| Sodium | 65.2 | 7.00 | " | " | " | " | " | " | |

Summit Scientific

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

Project: PDC - Easton Property
Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

SS06
R207019-06 (Soil)

Summit Scientific

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **07/02/12 13:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|--|-------|
| Sodium Adsorption Ratio | 0.750 | | units | 1 | 2070317 | 07/03/12 | 07/03/12 | EPA 6020/Mod. USDA60 6(2, 3A) | |

Accutest Laboratories - 6010 Hexavalent Chromium, Soil (3060A Mod Digest)

Date Sampled: **07/02/12 13:35**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|--------------------|-------|----------|---------|----------|----------|-----------------|-------|
| Chromium, Hexavalent | ND | 1 | mg/kg | 1 | 2070915 | 07/09/12 | 07/09/12 | 3060A/7196 A | |

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4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - Easton Property
Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

SS07
R207019-07 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: **07/02/12 13:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 2070212 | 07/02/12 | 07/03/12 | 8015 DRO | |

Date Sampled: **07/02/12 13:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 100 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/02/12 13:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | ND | 0.0050 | mg/kg | 1 | 2070211 | 07/02/12 | 07/02/12 | EPA 8260B | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.0050 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | " | " | " | " | " | |

Date Sampled: **07/02/12 13:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 114 % | 30-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 99.1 % | 30-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 92.2 % | 30-150 | | " | " | " | " | |

Semivolatile Organic Compounds by EPA Method 8270D SIM

Date Sampled: **07/02/12 13:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------|--------|-----------------|-------|----------|---------|----------|----------|------------------|-------|
| Acenaphthene | ND | 5.00 | ug/kg | 1 | 2070210 | 07/02/12 | 07/03/12 | EPA 8270D SIM | |
| Acenaphthylene | ND | 5.00 | " | " | " | " | " | " | |

Summit Scientific

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

Project: PDC - Easton Property

Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

SS07
R207019-07 (Soil)

Summit Scientific

Semivolatile Organic Compounds by EPA Method 8270D SIM

| Analyte | Result | Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-------|-------|----------|---------|----------|----------|---------------|-------|
| Anthracene | ND | 5.00 | ug/kg | 1 | 2070210 | 07/02/12 | 07/03/12 | EPA 8270D SIM | |
| Benzo (a) anthracene | ND | 5.00 | " | " | " | " | " | " | |
| Benzo (b) fluoranthene | ND | 5.00 | " | " | " | " | " | " | |
| Benzo (k) fluoranthene | ND | 5.00 | " | " | " | " | " | " | |
| Benzo (g,h,i) perylene | ND | 5.00 | " | " | " | " | " | " | |
| Benzo (a) pyrene | ND | 5.00 | " | " | " | " | " | " | |
| Chrysene | ND | 5.00 | " | " | " | " | " | " | |
| Dibenz (a,h) anthracene | ND | 10.0 | " | " | " | " | " | " | |
| Fluoranthene | ND | 5.00 | " | " | " | " | " | " | |
| Fluorene | ND | 5.00 | " | " | " | " | " | " | |
| Indeno (1,2,3-cd) pyrene | ND | 10.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 5.00 | " | " | " | " | " | " | |
| Phenanthrene | ND | 5.00 | " | " | " | " | " | " | |
| Pyrene | ND | 5.00 | " | " | " | " | " | " | |

Date Sampled: 07/02/12 13:55

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | | 94.8 % | 50-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | | 107 % | 50-150 | | " | " | " | " | |

Calculated Analytes

Date Sampled: 07/02/12 13:55

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Chromium+3 Calculated | 7.88 | 1.00 | mg/kg | 1 | 2070915 | 07/09/12 | 07/09/12 | Calculation | |

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: 07/02/12 13:55

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Arsenic | 4.40 | 0.100 | mg/kg | 1 | 2070301 | 07/03/12 | 07/03/12 | EPA 6020A | |
| Barium | 104 | 0.100 | " | " | " | " | " | " | |
| Cadmium | 0.297 | 0.100 | " | " | " | " | " | " | |

Summit Scientific

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

Project: PDC - Easton Property

Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

SS07
R207019-07 (Soil)

Summit Scientific

Total Metals by EPA Method 6020 - Dry Weight Basis

| | | | | | | | | | |
|----------|-------|-------|-------|---|---------|----------|----------|-----------|--|
| Chromium | 8.88 | 0.100 | mg/kg | 1 | 2070301 | 07/03/12 | 07/03/12 | EPA 6020A | |
| Copper | 11.2 | 0.500 | " | " | " | " | " | " | |
| Lead | 11.1 | 0.100 | " | " | " | " | " | " | |
| Nickel | 10.9 | 0.100 | " | " | " | " | " | " | |
| Selenium | 0.209 | 0.100 | " | " | " | " | " | " | |
| Silver | ND | 0.100 | " | " | " | " | " | " | |
| Zinc | 44.7 | 10.0 | " | " | " | " | " | " | |

Total Mercury by EPA Method 7471/7470

Date Sampled: 07/02/12 13:55

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Mercury | ND | 0.0500 | mg/kg | 1 | 2070303 | 07/03/12 | 07/03/12 | EPA 7471B | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: 07/02/12 13:55

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|----------|-------|
| Specific Conductance (EC) | 0.644 | 0.00100 | mmhos/cm | 1 | 2070312 | 07/03/12 | 07/03/12 | SM 2510B | |

Date Sampled: 07/02/12 13:55

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 8.3 | | pH Units | " | 2070311 | 07/03/12 | 07/03/12 | EPA 9045B | |

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: 07/02/12 13:55

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|-------|----------|---------|----------|----------|-------------------------------|-------|
| Calcium | 281 | 2.50 | mg/kg | 1 | 2070302 | 07/03/12 | 07/03/12 | EPA 6020/Mod. USDA60 6(2, 3A) | |
| Magnesium | 46.0 | 1.00 | " | " | " | " | " | " | |
| Sodium | 48.0 | 7.00 | " | " | " | " | " | " | |

Summit Scientific

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

Project: PDC - Easton Property
Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

SS07
R207019-07 (Soil)

Summit Scientific

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **07/02/12 13:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|--|-------|
| Sodium Adsorption Ratio | 0.700 | | units | 1 | 2070317 | 07/03/12 | 07/03/12 | EPA 6020/Mod. USDA60 6(2, 3A) | |

Accutest Laboratories - 6010 Hexavalent Chromium, Soil (3060A Mod Digest)

Date Sampled: **07/02/12 13:55**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|--------------------|-------|----------|---------|----------|----------|-----------------|-------|
| Chromium, Hexavalent | ND | 1 | mg/kg | 1 | 2070915 | 07/09/12 | 07/09/12 | 3060A/7196 A | |

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Arvada CO, 80003

Project: PDC - Easton Property

Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

SS08
R207019-08 (Soil)

Summit Scientific

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **07/02/12 14:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|---------|----------|----------|----------|-------|
| Arsenic | 2.63 | 0.100 | mg/kg | 1 | 2070301 | 07/03/12 | 07/03/12 | EPA 6020 | |

Summit Scientific

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

Project: PDC - Easton Property
Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

Total Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 2070212 - EPA 3550A

Blank (2070212-BLK1)

Prepared: 07/02/12 Analyzed: 07/03/12

C10-C28 (DRO) ND 50 mg/kg

LCS (2070212-BS1)

Prepared: 07/02/12 Analyzed: 07/03/12

C10-C28 (DRO) 599 50 mg/kg 501 119 79.3-126

LCS Dup (2070212-BSD1)

Prepared: 07/02/12 Analyzed: 07/03/12

C10-C28 (DRO) 579 50 mg/kg 501 116 79.3-126 3.34 11

Matrix Spike (2070212-MS1)

Source: R207014-01

Prepared: 07/02/12 Analyzed: 07/03/12

C10-C28 (DRO) 585 50 mg/kg 501 ND 117 45.1-150

Matrix Spike Dup (2070212-MSD1)

Source: R207014-01

Prepared: 07/02/12 Analyzed: 07/03/12

C10-C28 (DRO) 591 50 mg/kg 501 ND 118 45.1-150 1.00 25

Summit Scientific

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

Project: PDC - Easton Property
Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

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

Batch 2070211 - EPA 5030 Soil MS

Blank (2070211-BLK1)

Prepared: 07/02/12 Analyzed: 07/03/12

| | | | |
|-----------------------------|----|--------|-------|
| Benzene | ND | 0.0050 | mg/kg |
| Toluene | ND | 0.0050 | " |
| Ethylbenzene | ND | 0.0050 | " |
| Xylenes (total) | ND | 0.0050 | " |
| Gasoline Range Hydrocarbons | ND | 0.50 | " |

| | | | | | |
|----------------------------------|--------|---|--------|------|--------|
| Surrogate: 1,2-Dichloroethane-d4 | 0.0386 | " | 0.0397 | 97.1 | 30-150 |
| Surrogate: Toluene-d8 | 0.0399 | " | 0.0400 | 99.8 | 30-150 |
| Surrogate: 4-Bromofluorobenzene | 0.0392 | " | 0.0400 | 98.1 | 30-150 |

LCS (2070211-BS1)

Prepared: 07/02/12 Analyzed: 07/03/12

| | | | | | | |
|--------------|-------|--------|-------|-------|------|----------|
| Benzene | 0.143 | 0.0050 | mg/kg | 0.150 | 95.5 | 58.1-115 |
| Toluene | 0.154 | 0.0050 | " | 0.150 | 103 | 56.7-123 |
| Ethylbenzene | 0.154 | 0.0050 | " | 0.150 | 102 | 61.4-138 |
| m,p-Xylene | 0.303 | 0.010 | " | 0.300 | 101 | 63.6-128 |
| o-Xylene | 0.154 | 0.0050 | " | 0.150 | 103 | 62.6-134 |

| | | | | | |
|----------------------------------|--------|---|--------|-----|--------|
| Surrogate: 1,2-Dichloroethane-d4 | 0.0397 | " | 0.0397 | 100 | 30-150 |
| Surrogate: Toluene-d8 | 0.0410 | " | 0.0400 | 102 | 30-150 |
| Surrogate: 4-Bromofluorobenzene | 0.0406 | " | 0.0400 | 102 | 30-150 |

LCS Dup (2070211-BSD1)

Prepared: 07/02/12 Analyzed: 07/03/12

| | | | | | | | | |
|--------------|-------|--------|-------|-------|------|----------|-------|------|
| Benzene | 0.145 | 0.0050 | mg/kg | 0.150 | 96.8 | 58.1-115 | 1.27 | 20 |
| Toluene | 0.155 | 0.0050 | " | 0.150 | 104 | 56.7-123 | 1.03 | 20 |
| Ethylbenzene | 0.153 | 0.0050 | " | 0.150 | 102 | 61.4-138 | 0.235 | 12.2 |
| m,p-Xylene | 0.301 | 0.010 | " | 0.300 | 100 | 63.6-128 | 0.785 | 13.2 |
| o-Xylene | 0.153 | 0.0050 | " | 0.150 | 102 | 62.6-134 | 0.839 | 12.2 |

| | | | | | |
|----------------------------------|--------|---|--------|-----|--------|
| Surrogate: 1,2-Dichloroethane-d4 | 0.0414 | " | 0.0397 | 104 | 30-150 |
| Surrogate: Toluene-d8 | 0.0410 | " | 0.0400 | 102 | 30-150 |
| Surrogate: 4-Bromofluorobenzene | 0.0408 | " | 0.0400 | 102 | 30-150 |

Summit Scientific

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4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - Easton Property
Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

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

Batch 2070211 - EPA 5030 Soil MS

| Matrix Spike (2070211-MS1) | | Source: R207014-01 | | | Prepared: 07/02/12 Analyzed: 07/03/12 | | | | | |
|--|--------|---------------------------|-------|--------|--|------|----------|------|------|--|
| Benzene | 0.114 | 0.0050 | mg/kg | 0.150 | 0.00108 | 75.1 | 47.2-120 | | | |
| Toluene | 0.114 | 0.0050 | " | 0.150 | ND | 75.9 | 47.7-125 | | | |
| Ethylbenzene | 0.103 | 0.0050 | " | 0.150 | ND | 68.9 | 34.5-150 | | | |
| m,p-Xylene | 0.205 | 0.010 | " | 0.300 | ND | 68.5 | 30-150 | | | |
| o-Xylene | 0.107 | 0.0050 | " | 0.150 | ND | 71.6 | 30-150 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0446 | | " | 0.0397 | | 112 | 30-150 | | | |
| Surrogate: Toluene-d8 | 0.0406 | | " | 0.0400 | | 101 | 30-150 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0408 | | " | 0.0400 | | 102 | 30-150 | | | |
| Matrix Spike Dup (2070211-MSD1) | | Source: R207014-01 | | | Prepared: 07/02/12 Analyzed: 07/03/12 | | | | | |
| Benzene | 0.107 | 0.0050 | mg/kg | 0.150 | 0.00108 | 70.5 | 47.2-120 | 6.28 | 15.1 | |
| Toluene | 0.102 | 0.0050 | " | 0.150 | ND | 68.0 | 47.7-125 | 11.1 | 16.8 | |
| Ethylbenzene | 0.0852 | 0.0050 | " | 0.150 | ND | 56.8 | 34.5-150 | 19.2 | 10.1 | |
| m,p-Xylene | 0.169 | 0.010 | " | 0.300 | ND | 56.2 | 30-150 | 19.7 | 17.2 | |
| o-Xylene | 0.0898 | 0.0050 | " | 0.150 | ND | 59.9 | 30-150 | 17.8 | 15.2 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0431 | | " | 0.0397 | | 109 | 30-150 | | | |
| Surrogate: Toluene-d8 | 0.0398 | | " | 0.0400 | | 99.4 | 30-150 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0418 | | " | 0.0400 | | 104 | 30-150 | | | |

Summit Scientific

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

Project: PDC - Easton Property
Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

Semivolatile Organic Compounds by EPA Method 8270D SIM - Quality Control
Summit Scientific

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

Batch 2070210 - EPA 3550A

Blank (2070210-BLK1)

Prepared: 07/02/12 Analyzed: 07/03/12

| | | | |
|--------------------------|----|------|-------|
| Acenaphthene | ND | 5.00 | ug/kg |
| Acenaphthylene | ND | 5.00 | " |
| Anthracene | ND | 5.00 | " |
| Benzo (a) anthracene | ND | 5.00 | " |
| Benzo (b) fluoranthene | ND | 5.00 | " |
| Benzo (k) fluoranthene | ND | 5.00 | " |
| Benzo (g,h,i) perylene | ND | 5.00 | " |
| Benzo (a) pyrene | ND | 5.00 | " |
| Chrysene | ND | 5.00 | " |
| Dibenz (a,h) anthracene | ND | 10.0 | " |
| Fluoranthene | ND | 5.00 | " |
| Fluorene | ND | 5.00 | " |
| Indeno (1,2,3-cd) pyrene | ND | 10.0 | " |
| Naphthalene | ND | 5.00 | " |
| Phenanthrene | ND | 5.00 | " |
| Pyrene | ND | 5.00 | " |

Surrogate: 2-Methylnaphthalene-d10

26.3

"

31.3

83.9

50-150

Surrogate: Fluoranthene-d10

23.9

"

31.1

76.8

50-150

LCS (2070210-BS1)

Prepared: 07/02/12 Analyzed: 07/03/12

| | | | | | | |
|--------------------------|------|------|-------|------|------|----------|
| Acenaphthene | 27.6 | 5.00 | ug/kg | 33.3 | 82.7 | 58-128 |
| Acenaphthylene | 27.0 | 5.00 | " | 33.3 | 81.0 | 60.6-126 |
| Anthracene | 27.6 | 5.00 | " | 33.3 | 82.7 | 58.3-133 |
| Benzo (a) anthracene | 24.6 | 5.00 | " | 33.3 | 73.7 | 56.3-132 |
| Benzo (b) fluoranthene | 20.5 | 5.00 | " | 33.3 | 61.5 | 50.3-131 |
| Benzo (k) fluoranthene | 24.6 | 5.00 | " | 33.3 | 73.7 | 48.6-130 |
| Benzo (g,h,i) perylene | 20.1 | 5.00 | " | 33.3 | 60.2 | 51.9-125 |
| Benzo (a) pyrene | 25.3 | 5.00 | " | 33.3 | 76.0 | 57.4-128 |
| Chrysene | 24.2 | 5.00 | " | 33.3 | 72.6 | 55.5-117 |
| Dibenz (a,h) anthracene | 17.6 | 10.0 | " | 33.3 | 52.9 | 46.9-124 |
| Fluoranthene | 28.0 | 5.00 | " | 33.3 | 83.9 | 58-138 |
| Fluorene | 27.4 | 5.00 | " | 33.3 | 82.3 | 64.2-123 |
| Indeno (1,2,3-cd) pyrene | 25.6 | 10.0 | " | 33.3 | 76.7 | 35.5-147 |
| Naphthalene | 26.5 | 5.00 | " | 33.3 | 79.6 | 60.1-122 |
| Phenanthrene | 27.0 | 5.00 | " | 33.3 | 80.9 | 58-127 |
| Pyrene | 26.5 | 5.00 | " | 33.3 | 79.6 | 53.9-129 |

Surrogate: 2-Methylnaphthalene-d10

26.1

"

31.3

83.4

50-150

Surrogate: Fluoranthene-d10

25.0

"

31.1

80.6

50-150

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 - Easton Property
Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

Semivolatile Organic Compounds by EPA Method 8270D SIM - Quality Control
Summit Scientific

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

Batch 2070210 - EPA 3550A

LCS Dup (2070210-BSD1)

Prepared: 07/02/12 Analyzed: 07/03/12

| | | | | | | | | | | |
|------------------------------------|------|------|-------|------|--|------|----------|-------|------|--|
| Acenaphthene | 26.5 | 5.00 | ug/kg | 33.3 | | 79.6 | 58-128 | 3.82 | 17.2 | |
| Acenaphthylene | 27.2 | 5.00 | " | 33.3 | | 81.6 | 60.6-126 | 0.722 | 18 | |
| Anthracene | 26.9 | 5.00 | " | 33.3 | | 80.7 | 58.3-133 | 2.47 | 17.5 | |
| Benzo (a) anthracene | 24.7 | 5.00 | " | 33.3 | | 74.2 | 56.3-132 | 0.649 | 16 | |
| Benzo (b) fluoranthene | 21.7 | 5.00 | " | 33.3 | | 65.1 | 50.3-131 | 5.67 | 14.8 | |
| Benzo (k) fluoranthene | 23.6 | 5.00 | " | 33.3 | | 70.9 | 48.6-130 | 3.88 | 20 | |
| Benzo (g,h,i) perylene | 21.2 | 5.00 | " | 33.3 | | 63.5 | 51.9-125 | 5.26 | 20 | |
| Benzo (a) pyrene | 28.0 | 5.00 | " | 33.3 | | 84.1 | 57.4-128 | 10.1 | 16.5 | |
| Chrysene | 23.3 | 5.00 | " | 33.3 | | 70.0 | 55.5-117 | 3.67 | 15.2 | |
| Dibenz (a,h) anthracene | 17.3 | 10.0 | " | 33.3 | | 51.9 | 46.9-124 | 1.84 | 20 | |
| Fluoranthene | 26.7 | 5.00 | " | 33.3 | | 80.0 | 58-138 | 4.66 | 16.5 | |
| Fluorene | 26.8 | 5.00 | " | 33.3 | | 80.4 | 64.2-123 | 2.40 | 18.5 | |
| Indeno (1,2,3-cd) pyrene | 25.0 | 10.0 | " | 33.3 | | 75.1 | 35.5-147 | 2.05 | 20 | |
| Naphthalene | 25.7 | 5.00 | " | 33.3 | | 77.1 | 60.1-122 | 3.19 | 17.8 | |
| Phenanthrene | 25.9 | 5.00 | " | 33.3 | | 77.6 | 58-127 | 4.24 | 17 | |
| Pyrene | 25.6 | 5.00 | " | 33.3 | | 76.8 | 53.9-129 | 3.52 | 20 | |
| Surrogate: 2-Methylnaphthalene-d10 | 25.6 | | " | 31.3 | | 81.6 | 50-150 | | | |
| Surrogate: Fluoranthene-d10 | 24.7 | | " | 31.1 | | 79.4 | 50-150 | | | |

Matrix Spike (2070210-MS1)

Source: R207019-02

Prepared: 07/02/12 Analyzed: 07/03/12

| | | | | | | | | | | |
|------------------------------------|------|------|-------|------|----|------|----------|--|--|--|
| Acenaphthene | 26.9 | 5.00 | ug/kg | 33.3 | ND | 80.7 | 30-150 | | | |
| Acenaphthylene | 28.4 | 5.00 | " | 33.3 | ND | 85.3 | 52.1-122 | | | |
| Anthracene | 28.3 | 5.00 | " | 33.3 | ND | 85.0 | 36.5-130 | | | |
| Benzo (a) anthracene | 33.2 | 5.00 | " | 33.3 | ND | 99.6 | 30-150 | | | |
| Benzo (b) fluoranthene | 19.1 | 5.00 | " | 33.3 | ND | 57.3 | 30-150 | | | |
| Benzo (k) fluoranthene | 24.1 | 5.00 | " | 33.3 | ND | 72.2 | 30-150 | | | |
| Benzo (g,h,i) perylene | 19.9 | 5.00 | " | 33.3 | ND | 59.7 | 30-150 | | | |
| Benzo (a) pyrene | 25.9 | 5.00 | " | 33.3 | ND | 77.6 | 30-150 | | | |
| Chrysene | 23.0 | 5.00 | " | 33.3 | ND | 69.0 | 31.4-130 | | | |
| Dibenz (a,h) anthracene | 18.6 | 10.0 | " | 33.3 | ND | 55.8 | 30-145 | | | |
| Fluoranthene | 29.0 | 5.00 | " | 33.3 | ND | 87.0 | 30-150 | | | |
| Fluorene | 29.2 | 5.00 | " | 33.3 | ND | 87.6 | 47.9-126 | | | |
| Indeno (1,2,3-cd) pyrene | 26.1 | 10.0 | " | 33.3 | ND | 78.3 | 30-138 | | | |
| Naphthalene | 26.5 | 5.00 | " | 33.3 | ND | 79.6 | 39.9-129 | | | |
| Phenanthrene | 25.7 | 5.00 | " | 33.3 | ND | 77.0 | 30-150 | | | |
| Pyrene | 25.0 | 5.00 | " | 33.3 | ND | 74.9 | 30-150 | | | |
| Surrogate: 2-Methylnaphthalene-d10 | 30.0 | | " | 31.3 | | 95.7 | 50-150 | | | |
| Surrogate: Fluoranthene-d10 | 32.9 | | " | 31.1 | | 106 | 50-150 | | | |

Summit Scientific

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

Project: PDC - Easton Property

Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

Semivolatile Organic Compounds by EPA Method 8270D SIM - Quality Control
Summit Scientific

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

Batch 2070210 - EPA 3550A

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 - Easton Property
Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

Total Metals by EPA Method 6020 - Dry Weight Basis - Quality Control
Summit Scientific

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

Batch 2070301 - EPA 3050B

Blank (2070301-BLK1)

Prepared & Analyzed: 07/03/12

| | | | |
|----------|----|-------|-------|
| Arsenic | ND | 0.100 | mg/kg |
| Arsenic | ND | 0.100 | " |
| Barium | ND | 0.100 | " |
| Cadmium | ND | 0.100 | " |
| Chromium | ND | 0.100 | " |
| Copper | ND | 0.500 | " |
| Lead | ND | 0.100 | " |
| Nickel | ND | 0.100 | " |
| Selenium | ND | 0.100 | " |
| Silver | ND | 0.100 | " |
| Zinc | ND | 10.0 | " |

LCS (2070301-BS1)

Prepared & Analyzed: 07/03/12

| | | | | | | |
|----------|-------|-------|-------|-------|------|----------|
| Arsenic | 2.51 | 0.100 | mg/kg | 2.54 | 98.6 | 80-119 |
| Arsenic | 2.51 | 0.100 | " | 2.54 | 98.6 | 80-119 |
| Barium | 226 | 0.100 | " | 225 | 100 | 80-119 |
| Cadmium | 1.06 | 0.100 | " | 1.02 | 105 | 80-124 |
| Chromium | 10.9 | 0.100 | " | 10.0 | 109 | 80-121 |
| Copper | 18.7 | 0.500 | " | 20.0 | 93.5 | 78.9-110 |
| Lead | 67.6 | 0.100 | " | 75.0 | 90.2 | 78.1-116 |
| Nickel | 14.8 | 0.100 | " | 15.1 | 98.3 | 80-118 |
| Selenium | 1.08 | 0.100 | " | 1.15 | 93.7 | 80-106 |
| Silver | 0.191 | 0.100 | " | 0.200 | 95.7 | 75.3-124 |
| Zinc | 68.7 | 10.0 | " | 75.0 | 91.6 | 83.5-117 |

LCS Dup (2070301-BSD1)

Prepared & Analyzed: 07/03/12

| | | | | | | | | |
|----------|-------|-------|-------|-------|------|----------|-------|------|
| Arsenic | 2.29 | 0.100 | mg/kg | 2.54 | 90.0 | 80-119 | 9.12 | 20 |
| Arsenic | 2.29 | 0.100 | " | 2.54 | 90.0 | 80-119 | 9.12 | 20 |
| Barium | 225 | 0.100 | " | 225 | 100 | 80-119 | 0.464 | 20 |
| Cadmium | 0.986 | 0.100 | " | 1.02 | 97.1 | 80-124 | 7.47 | 20 |
| Chromium | 10.0 | 0.100 | " | 10.0 | 99.6 | 80-121 | 8.76 | 20 |
| Copper | 17.0 | 0.500 | " | 20.0 | 85.0 | 78.9-110 | 9.52 | 20 |
| Lead | 69.3 | 0.100 | " | 75.0 | 92.3 | 78.1-116 | 2.34 | 17.2 |
| Nickel | 13.6 | 0.100 | " | 15.1 | 89.8 | 80-118 | 9.08 | 20 |
| Selenium | 1.10 | 0.100 | " | 1.15 | 95.3 | 80-106 | 1.69 | 20 |
| Silver | 0.199 | 0.100 | " | 0.200 | 99.5 | 75.3-124 | 3.84 | 23.2 |
| Zinc | 75.4 | 10.0 | " | 75.0 | 101 | 83.5-117 | 9.30 | 20 |

Summit Scientific

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

Project: PDC - Easton Property
Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

Total Metals by EPA Method 6020 - Dry Weight Basis - Quality Control
Summit Scientific

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

Batch 2070301 - EPA 3050B

| Matrix Spike (2070301-MS1) | | | | Source: R207019-01 | | Prepared & Analyzed: 07/03/12 | | | | |
|-----------------------------------|-------|-------|-------|---------------------------|--------|--|----------|--|--|--|
| Arsenic | 4.00 | 0.100 | mg/kg | 2.32 | 1.51 | 107 | 75-125 | | | |
| Arsenic | 4.00 | 0.100 | " | 2.32 | 1.51 | 107 | 75-125 | | | |
| Barium | 268 | 0.100 | " | 206 | 65.8 | 98.2 | 75-125 | | | |
| Cadmium | 1.18 | 0.100 | " | 0.928 | 0.143 | 112 | 75-125 | | | |
| Chromium | 15.9 | 0.100 | " | 9.18 | 6.78 | 98.9 | 45.6-137 | | | |
| Copper | 21.6 | 0.500 | " | 18.3 | 5.15 | 89.8 | 50.4-123 | | | |
| Lead | 67.0 | 0.100 | " | 68.5 | 6.06 | 88.9 | 46.2-136 | | | |
| Nickel | 18.8 | 0.100 | " | 13.8 | 5.69 | 94.8 | 75-157 | | | |
| Selenium | 0.912 | 0.100 | " | 1.05 | 0.0713 | 80.0 | 46.5-124 | | | |
| Silver | 0.175 | 0.100 | " | 0.183 | 0.0236 | 82.8 | 42.7-144 | | | |
| Zinc | 82.1 | 10.0 | " | 68.5 | 21.7 | 88.1 | 26.3-153 | | | |

| Matrix Spike Dup (2070301-MSD1) | | | | Source: R207019-01 | | Prepared & Analyzed: 07/03/12 | | | | |
|--|-------|-------|-------|---------------------------|--------|--|----------|-------|------|--|
| Arsenic | 3.51 | 0.100 | mg/kg | 2.36 | 1.51 | 84.6 | 75-125 | 13.2 | 24.2 | |
| Arsenic | 3.51 | 0.100 | " | 2.36 | 1.51 | 84.6 | 75-125 | 13.2 | 24.2 | |
| Barium | 275 | 0.100 | " | 209 | 65.8 | 100 | 75-125 | 2.76 | 25 | |
| Cadmium | 1.17 | 0.100 | " | 0.942 | 0.143 | 109 | 75-125 | 0.391 | 22.3 | |
| Chromium | 15.9 | 0.100 | " | 9.33 | 6.78 | 98.2 | 45.6-137 | 0.489 | 25 | |
| Copper | 21.8 | 0.500 | " | 18.6 | 5.15 | 89.3 | 50.4-123 | 0.704 | 25 | |
| Lead | 69.7 | 0.100 | " | 69.6 | 6.06 | 91.5 | 46.2-136 | 4.02 | 25 | |
| Nickel | 18.9 | 0.100 | " | 14.0 | 5.69 | 94.6 | 75-157 | 0.860 | 25 | |
| Selenium | 0.939 | 0.100 | " | 1.07 | 0.0713 | 81.3 | 46.5-124 | 2.92 | 25 | |
| Silver | 0.189 | 0.100 | " | 0.186 | 0.0236 | 89.1 | 42.7-144 | 7.73 | 25 | |
| Zinc | 83.2 | 10.0 | " | 69.6 | 21.7 | 88.4 | 26.3-153 | 1.38 | 25 | |

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 - Easton Property
Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

Total Mercury by EPA Method 7471/7470 - Quality Control
Summit Scientific

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

Batch 2070303 - EPA 7471A

Blank (2070303-BLK1)

Prepared & Analyzed: 07/03/12

Mercury ND 0.0500 mg/kg

LCS (2070303-BS1)

Prepared & Analyzed: 07/03/12

Mercury 0.388 0.0500 mg/kg 0.400 97.1 85.5-116

LCS Dup (2070303-BSD1)

Prepared & Analyzed: 07/03/12

Mercury 0.390 0.0500 mg/kg 0.400 97.5 85.5-116 0.432 17

Matrix Spike (2070303-MS1)

Source: R207019-02

Prepared & Analyzed: 07/03/12

Mercury 0.382 0.0500 mg/kg 0.373 0.0138 98.8 75-125

Matrix Spike Dup (2070303-MSD1)

Source: R207019-02

Prepared & Analyzed: 07/03/12

Mercury 0.396 0.0500 mg/kg 0.390 0.0138 98.1 75-125 3.60 25

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 - Easton Property
Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
Summit Scientific

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

Batch 2070311 - General Preparation

Duplicate (2070311-DUP1)

Source: R207019-02

Prepared & Analyzed: 07/03/12

| | | | | | | | | | | |
|----|-----|--|----------|--|-----|--|--|-------|------|--|
| pH | 8.3 | | pH Units | | 8.3 | | | 0.241 | 4.95 | |
|----|-----|--|----------|--|-----|--|--|-------|------|--|

Batch 2070312 - General Preparation

Duplicate (2070312-DUP1)

Source: R207019-03

Prepared & Analyzed: 07/03/12

| | | | | | | | | | | |
|---------------------------|-------|---------|----------|--|-------|--|--|------|------|--|
| Specific Conductance (EC) | 0.178 | 0.00100 | mmhos/cm | | 0.176 | | | 1.50 | 15.5 | |
|---------------------------|-------|---------|----------|--|-------|--|--|------|------|--|

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 - Easton Property
Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis - Quality Control
Summit Scientific

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

Batch 2070302 - General Preparation

Blank (2070302-BLK1)

Prepared & Analyzed: 07/03/12

| | | | |
|-----------|------|------|-------|
| Calcium | ND | 2.50 | mg/kg |
| Magnesium | ND | 1.00 | " |
| Sodium | 6.95 | 5.00 | " |

LCS (2070302-BS1)

Prepared & Analyzed: 07/03/12

| | | | | | | |
|-----------|-----|------|-------|-----|------|--------|
| Calcium | 360 | 2.50 | mg/kg | 400 | 90.1 | 70-130 |
| Magnesium | 198 | 1.00 | " | 200 | 99.1 | 70-130 |
| Sodium | 807 | 5.00 | " | 800 | 101 | 70-130 |

LCS Dup (2070302-BSD1)

Prepared & Analyzed: 07/03/12

| | | | | | | | | |
|-----------|-----|------|-------|-----|------|--------|-------|----|
| Calcium | 353 | 2.50 | mg/kg | 400 | 88.3 | 70-130 | 1.98 | 25 |
| Magnesium | 198 | 1.00 | " | 200 | 98.9 | 70-130 | 0.230 | 25 |
| Sodium | 799 | 5.00 | " | 800 | 99.9 | 70-130 | 0.953 | 25 |

Matrix Spike (2070302-MS1)

Source: R207019-02

Prepared & Analyzed: 07/03/12

| | | | | | | | |
|-----------|-----|------|-------|-----|------|------|--------|
| Calcium | 522 | 2.50 | mg/kg | 415 | 204 | 76.7 | 70-130 |
| Magnesium | 238 | 1.00 | " | 208 | 23.9 | 103 | 70-130 |
| Sodium | 871 | 5.00 | " | 831 | 11.1 | 104 | 70-130 |

Matrix Spike Dup (2070302-MSD1)

Source: R207019-02

Prepared & Analyzed: 07/03/12

| | | | | | | | | | |
|-----------|-----|------|-------|-----|------|------|--------|------|----|
| Calcium | 601 | 2.50 | mg/kg | 415 | 204 | 95.5 | 70-130 | 13.9 | 25 |
| Magnesium | 231 | 1.00 | " | 208 | 23.9 | 99.6 | 70-130 | 3.25 | 25 |
| Sodium | 838 | 5.00 | " | 831 | 11.1 | 99.5 | 70-130 | 3.91 | 25 |

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 - Easton Property
Project Number: PDC
Project Manager: Brian Dodek

Reported:
07/10/12 09:17

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

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.

A handwritten signature in black ink, appearing to be 'MSM'.

ATTACHMENT 2
SOIL CLASSIFICATION LABORATORY REPORT



WELD LABORATORIES, INC.

1527 First Avenue • Greeley, Colorado 80631
Phone: (970) 353-8118 • Fax: (970) 353-1671
www.weldlabs.com


July 10, 2012


LT Environmental
4600 W 60th Ave
Arvada, CO 80003-6911

Laboratory No. E12184-3

Soil Classification

| Sample ID | % Organic Matter | % Silt | % Clay | % Sand | % Fine Sand | Classification |
|-------------------------|------------------|--------|--------|--------|-------------|----------------|
| SS03 Easton #2 Property | 1.6 | 8.0 | 9.1 | 66.9 | 16.0 | Loamy Sand |

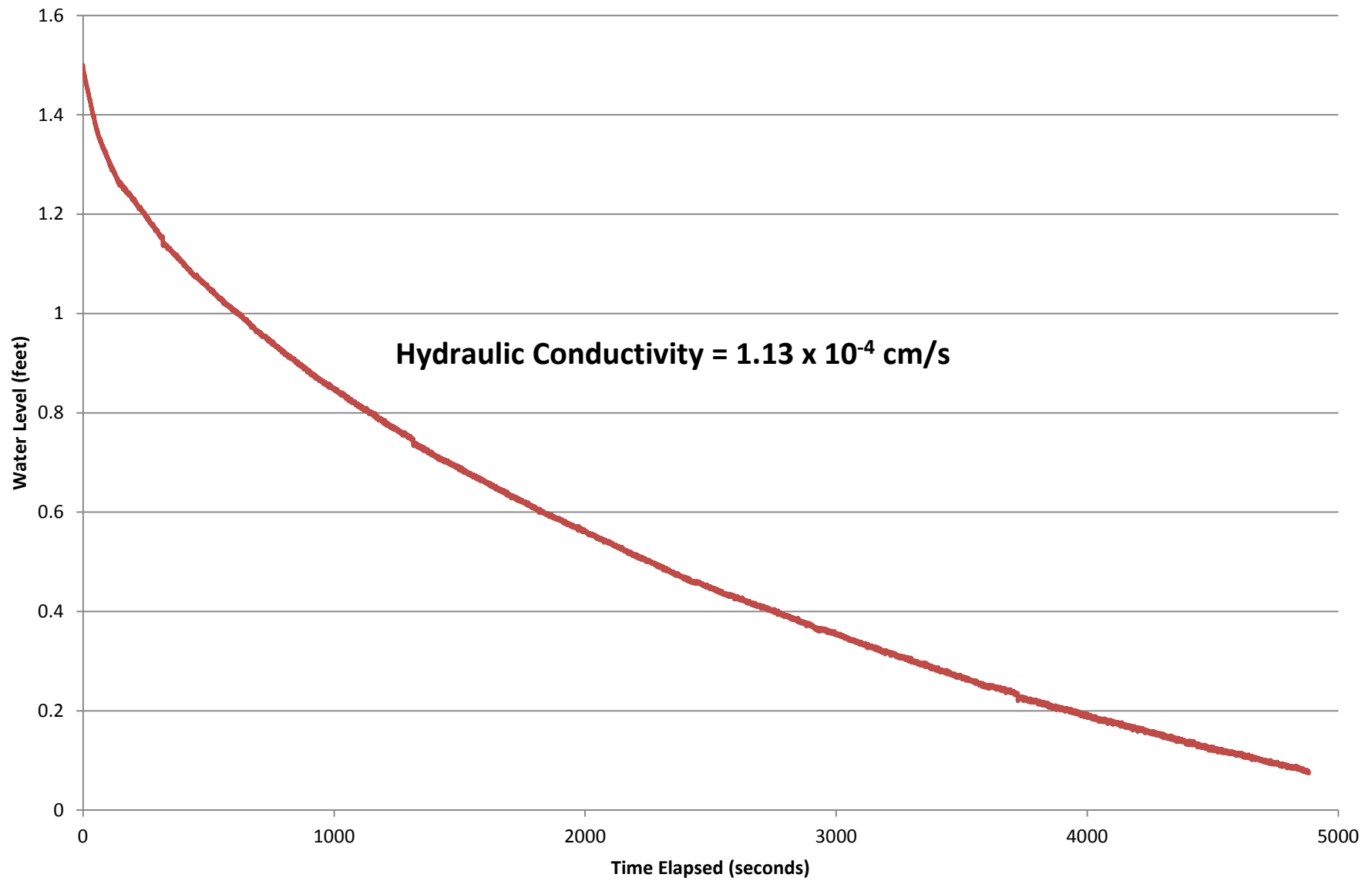

Project Manager


Date

ATTACHMENT 3
PERCOLATION TEST CHART FOR SOIL SAMPLE PT01



Percolation Test for Soil Sample PT01



ATTACHMENT 4
PERCOLATION TEST CHART FOR SOIL SAMPLE PT02



Percolation Test for Soil Sample PT02

