

Summit Scientific

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June 18, 2014

Rob Fishburn

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: SHE - Beaver Durham 12-32

Enclosed are the results of analyses for samples received by Summit Scientific on 05/30/14 08:40. 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

President / Laboratory Manager



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

Project: SHE - Beaver Durham 12-32

Project Number: 0343-12009
Project Manager: Rob Fishburn

Reported:
06/18/14 18:18

C01
1405171-01 (Soil)

Summit Scientific

Test America

Date Sampled: **05/29/14 13:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------|-------------------|-----------------|-------|----------|---------|----------|----------|----------|-------|
| Ignitability | No Flash Detected | | °F | 1 | 1406142 | 06/04/14 | 06/04/14 | EPA 1010 | |

Date Sampled: **05/29/14 13:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------------|-------|----------|-------|----------|----------|-----------------------------|-------|
| Benzene | ND | 0.0100 | mg/L | " | " | 06/10/14 | 06/10/14 | TCLP Volatiles by EPA 8260B | |
| 2-Butanone | ND | 0.100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 0.0100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 0.0100 | " | " | " | " | " | " | |
| Chloroform | ND | 0.0100 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 0.0100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 0.0100 | " | " | " | " | " | " | |
| Tetrachloroethene | ND | 0.0100 | " | " | " | " | " | " | |
| Trichloroethene | ND | 0.0100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 0.0100 | " | " | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/29/14 13:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|-------------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| C10-C28 (DRO) | 2900 | 50 | mg/kg | 1 | 1405182 | 05/30/14 | 05/30/14 | 8015M | |

Date Sampled: **05/29/14 13:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: <i>o</i> -Terphenyl | | 118 % | 30-150 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

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Reported:
06/18/14 18:18

C01

1405171-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/29/14 13:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | 0.28 | 0.0020 | mg/kg | 1 | 1405181 | 05/30/14 | 05/30/14 | EPA 8260B | |
| Toluene | 0.010 | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | 0.71 | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | 6.0 | 0.50 | " | 100 | " | " | " | " | |
| Gasoline Range Hydrocarbons | 940 | 50 | " | " | " | " | 05/30/14 | " | |

Date Sampled: **05/29/14 13:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | | 112 % | 23-173 | " | " | " | 05/30/14 | " | |
| <i>Surrogate: Toluene-d8</i> | | 650 % | 20-170 | " | " | " | " | " | S-02 |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 416 % | 21-167 | " | " | " | " | " | S-02 |

TCLP Metals by EPA SW846 6020/7471

Date Sampled: **05/29/14 13:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|----------------|-----------------|-------|----------|---------|----------|----------|-------------------|-------|
| Arsenic | 0.00530 | 0.000600 | mg/L | 1 | 1406046 | 06/06/14 | 06/09/14 | EPA 6020A-TCLP | |
| Barium | 1.37 | 0.00160 | " | " | " | " | 06/10/14 | " | |
| Cadmium | 0.00250 | 0.0000600 | " | " | " | " | 06/09/14 | " | |
| Chromium | 0.00466 | 0.00150 | " | " | " | " | " | " | |
| Lead | 0.357 | 0.000100 | " | " | " | " | " | " | |
| Selenium | ND | 0.000800 | " | " | " | " | " | " | |
| Silver | ND | 0.0000300 | " | " | " | " | " | " | |

Date Sampled: **05/29/14 13:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-------------------|-------|
| Mercury | ND | 0.0500 | " | " | 1406050 | 06/06/14 | 06/09/14 | EPA 7471A-TCLP | |

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Project: SHE - Beaver Durham 12-32

Project Number: 0343-12009
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Reported:
 06/18/14 18:18

C01

1405171-01 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **05/29/14 13:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|-------------|-----------|----------|----------|---------|----------|----------|----------|-------|
| | | Limit | Units | | | | | | |
| pH | 7.70 | 0.100 | pH Units | 1 | 1406004 | 06/02/14 | 06/02/14 | EPA 9045 | |

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Project Number: 0343-12009
Project Manager: Rob Fishburn

Reported:
06/18/14 18:18

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1405182 - EPA 3550A

| | | | | | | | | | | | |
|--|-----|----|-------|---------------------------------------|-----|---------------------------------------|--------|------|----|--|--|
| Blank (1405182-BLK1) | | | | Prepared & Analyzed: 05/30/14 | | | | | | | |
| C10-C28 (DRO) | ND | 50 | mg/kg | | | | | | | | |
| LCS (1405182-BS1) | | | | Prepared & Analyzed: 05/30/14 | | | | | | | |
| C10-C28 (DRO) | 549 | 50 | mg/kg | 501 | 109 | 73-134 | | | | | |
| LCS (1405182-BS2) | | | | Prepared: 05/30/14 Analyzed: 05/31/14 | | | | | | | |
| C10-C28 (DRO) | 578 | 50 | mg/kg | 501 | 115 | 73-134 | | | | | |
| Matrix Spike (1405182-MS1) | | | | Source: 1405175-02 | | Prepared & Analyzed: 05/30/14 | | | | | |
| C10-C28 (DRO) | 497 | 50 | mg/kg | 485 | ND | 102 | 50-148 | | | | |
| Matrix Spike (1405182-MS2) | | | | Source: 1405175-01 | | Prepared: 05/30/14 Analyzed: 05/31/14 | | | | | |
| C10-C28 (DRO) | 503 | 50 | mg/kg | 470 | ND | 107 | 50-148 | | | | |
| Matrix Spike Dup (1405182-MSD1) | | | | Source: 1405175-02 | | Prepared & Analyzed: 05/30/14 | | | | | |
| C10-C28 (DRO) | 475 | 50 | mg/kg | 482 | ND | 98.5 | 50-148 | 4.67 | 13 | | |
| Matrix Spike Dup (1405182-MSD2) | | | | Source: 1405175-01 | | Prepared: 05/30/14 Analyzed: 05/31/14 | | | | | |
| C10-C28 (DRO) | 488 | 50 | mg/kg | 466 | ND | 105 | 50-148 | 3.12 | 13 | | |

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Project: SHE - Beaver Durham 12-32

Project Number: 0343-12009
Project Manager: Rob Fishburn

Reported:
06/18/14 18:18

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

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

Batch 1405181 - EPA 5030 Soil MS

Blank (1405181-BLK1)

Prepared & Analyzed: 05/30/14

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|------|--------|--|--|--|--|
| Benzene | ND | 0.0020 | 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 | 0.0434 | | " | 0.0397 | 109 | 23-173 | | | | |
| Surrogate: Toluene-d8 | 0.0394 | | " | 0.0400 | 98.6 | 20-170 | | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0426 | | " | 0.0400 | 106 | 21-167 | | | | |

LCS (1405181-BS1)

Prepared & Analyzed: 05/30/14

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|------|--------|--|--|--|--|
| Benzene | 0.116 | 0.0020 | mg/kg | 0.100 | 116 | 58-130 | | | | |
| Toluene | 0.122 | 0.0050 | " | 0.100 | 122 | 61-134 | | | | |
| Ethylbenzene | 0.129 | 0.0050 | " | 0.0992 | 130 | 74-139 | | | | |
| m,p-Xylene | 0.251 | 0.010 | " | 0.200 | 126 | 73-137 | | | | |
| o-Xylene | 0.131 | 0.0050 | " | 0.0984 | 133 | 73-141 | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0404 | | " | 0.0397 | 102 | 23-173 | | | | |
| Surrogate: Toluene-d8 | 0.0392 | | " | 0.0400 | 98.0 | 20-170 | | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0404 | | " | 0.0400 | 101 | 21-167 | | | | |

LCS (1405181-BS2)

Prepared & Analyzed: 05/30/14

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|-----|--------|--|--|--|--|
| Benzene | 0.115 | 0.0020 | mg/kg | 0.100 | 115 | 58-130 | | | | |
| Toluene | 0.121 | 0.0050 | " | 0.100 | 121 | 61-134 | | | | |
| Ethylbenzene | 0.129 | 0.0050 | " | 0.0992 | 130 | 74-139 | | | | |
| m,p-Xylene | 0.248 | 0.010 | " | 0.200 | 124 | 73-137 | | | | |
| o-Xylene | 0.132 | 0.0050 | " | 0.0984 | 134 | 73-141 | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0448 | | " | 0.0397 | 113 | 23-173 | | | | |
| Surrogate: Toluene-d8 | 0.0403 | | " | 0.0400 | 101 | 20-170 | | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0414 | | " | 0.0400 | 104 | 21-167 | | | | |

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Project Number: 0343-12009
Project Manager: Rob Fishburn

Reported:
06/18/14 18:18

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

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

Batch 1405181 - EPA 5030 Soil MS

| Matrix Spike (1405181-MS1) | Source: 1405175-01 | | | Prepared & Analyzed: 05/30/14 | | | | | | |
|-----------------------------------|---------------------------|--------|-------|--|----|------|--------|--|--|--|
| Benzene | 0.109 | 0.0020 | mg/kg | 0.0943 | ND | 115 | 30-131 | | | |
| Toluene | 0.114 | 0.0050 | " | 0.0943 | ND | 121 | 30-134 | | | |
| Ethylbenzene | 0.125 | 0.0050 | " | 0.0936 | ND | 133 | 22-153 | | | |
| m,p-Xylene | 0.242 | 0.010 | " | 0.188 | ND | 128 | 10-159 | | | |
| o-Xylene | 0.128 | 0.0050 | " | 0.0928 | ND | 137 | 31-151 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0409 | | " | 0.0375 | | 109 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0373 | | " | 0.0377 | | 98.9 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0387 | | " | 0.0377 | | 103 | 21-167 | | | |

| Matrix Spike (1405181-MS2) | Source: 1405175-02 | | | Prepared & Analyzed: 05/30/14 | | | | | | |
|-----------------------------------|---------------------------|--------|-------|--|----|-----|--------|--|--|--|
| Benzene | 0.108 | 0.0020 | mg/kg | 0.0929 | ND | 116 | 30-131 | | | |
| Toluene | 0.112 | 0.0050 | " | 0.0929 | ND | 121 | 30-134 | | | |
| Ethylbenzene | 0.120 | 0.0050 | " | 0.0922 | ND | 130 | 22-153 | | | |
| m,p-Xylene | 0.229 | 0.010 | " | 0.186 | ND | 124 | 10-159 | | | |
| o-Xylene | 0.123 | 0.0050 | " | 0.0914 | ND | 135 | 31-151 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0411 | | " | 0.0369 | | 111 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0376 | | " | 0.0372 | | 101 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0380 | | " | 0.0372 | | 102 | 21-167 | | | |

| Matrix Spike Dup (1405181-MSD1) | Source: 1405175-01 | | | Prepared & Analyzed: 05/30/14 | | | | | | |
|--|---------------------------|--------|-------|--|----|------|--------|------|----|--|
| Benzene | 0.112 | 0.0020 | mg/kg | 0.0980 | ND | 114 | 30-131 | 3.17 | 34 | |
| Toluene | 0.118 | 0.0050 | " | 0.0980 | ND | 121 | 30-134 | 3.70 | 30 | |
| Ethylbenzene | 0.131 | 0.0050 | " | 0.0973 | ND | 134 | 22-153 | 4.55 | 24 | |
| m,p-Xylene | 0.251 | 0.010 | " | 0.196 | ND | 128 | 10-159 | 3.85 | 68 | |
| o-Xylene | 0.135 | 0.0050 | " | 0.0965 | ND | 140 | 31-151 | 5.82 | 38 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0419 | | " | 0.0389 | | 108 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0390 | | " | 0.0392 | | 99.4 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0406 | | " | 0.0392 | | 104 | 21-167 | | | |

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Project: SHE - Beaver Durham 12-32

Project Number: 0343-12009
 Project Manager: Rob Fishburn

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 06/18/14 18:18

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

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

Batch 1405181 - EPA 5030 Soil MS

| Matrix Spike Dup (1405181-MSD2) | Source: 1405175-02 | | | Prepared & Analyzed: 05/30/14 | | | | | | |
|--|---------------------------|--------|-------|--|----|-----|--------|------|----|--|
| Benzene | 0.115 | 0.0020 | mg/kg | 0.0990 | ND | 116 | 30-131 | 6.17 | 34 | |
| Toluene | 0.119 | 0.0050 | " | 0.0990 | ND | 120 | 30-134 | 5.76 | 30 | |
| Ethylbenzene | 0.127 | 0.0050 | " | 0.0982 | ND | 130 | 22-153 | 6.05 | 24 | |
| m,p-Xylene | 0.247 | 0.010 | " | 0.198 | ND | 125 | 10-159 | 7.27 | 68 | |
| o-Xylene | 0.131 | 0.0050 | " | 0.0974 | ND | 135 | 31-151 | 6.44 | 38 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0435 | | " | 0.0393 | | 111 | 23-173 | | | |
| Surrogate: Toluene-d8 | 0.0401 | | " | 0.0396 | | 101 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0406 | | " | 0.0396 | | 103 | 21-167 | | | |

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Project Number: 0343-12009
Project Manager: Rob Fishburn

Reported:
06/18/14 18:18

TCLP Metals by EPA SW846 6020/7471 - Quality Control
Summit Scientific

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

Batch 1406046 - EPA 3010A

Blank (1406046-BLK1)

Prepared: 06/06/14 Analyzed: 06/09/14

| | | | | | | | | | | |
|----------|----|-----------|------|--|--|--|--|--|--|--|
| Arsenic | ND | 0.000600 | mg/L | | | | | | | |
| Barium | ND | 0.00160 | " | | | | | | | |
| Cadmium | ND | 0.0000600 | " | | | | | | | |
| Chromium | ND | 0.00150 | " | | | | | | | |
| Lead | ND | 0.000100 | " | | | | | | | |
| Selenium | ND | 0.000800 | " | | | | | | | |
| Silver | ND | 0.0000300 | " | | | | | | | |

Blank (1406046-BLK2)

Prepared: 06/06/14 Analyzed: 06/09/14

| | | | | | | | | | | |
|----------|--------|-----------|------|--|--|--|--|--|--|--|
| Arsenic | ND | 0.000600 | mg/L | | | | | | | |
| Barium | 0.0179 | 0.00160 | " | | | | | | | |
| Cadmium | ND | 0.0000600 | " | | | | | | | |
| Chromium | ND | 0.00150 | " | | | | | | | |
| Lead | ND | 0.000100 | " | | | | | | | |
| Selenium | ND | 0.000800 | " | | | | | | | |
| Silver | ND | 0.0000300 | " | | | | | | | |

LCS (1406046-BS1)

Prepared: 06/06/14 Analyzed: 06/09/14

| | | | | | | | | | | |
|----------|---------|-----------|------|---------|------|--------|--|--|--|--|
| Arsenic | 0.0495 | 0.000600 | mg/L | 0.0500 | 98.9 | 80-120 | | | | |
| Barium | 5.78 | 0.00160 | " | 4.50 | 128 | 80-120 | | | | |
| Cadmium | 0.0180 | 0.0000600 | " | 0.0200 | 89.8 | 80-120 | | | | |
| Chromium | 0.197 | 0.00150 | " | 0.200 | 98.4 | 80-120 | | | | |
| Lead | 0.155 | 0.000100 | " | 0.150 | 104 | 80-120 | | | | |
| Selenium | 0.0237 | 0.000800 | " | 0.0250 | 94.7 | 80-120 | | | | |
| Silver | 0.00133 | 0.0000300 | " | 0.00500 | 26.6 | 80-120 | | | | |

LCS Dup (1406046-BSD1)

Prepared: 06/06/14 Analyzed: 06/09/14

| | | | | | | | | |
|----------|---------|-----------|------|---------|------|--------|--------|----|
| Arsenic | 0.0487 | 0.000600 | mg/L | 0.0500 | 97.3 | 80-120 | 1.61 | 20 |
| Barium | 5.30 | 0.00160 | " | 4.50 | 118 | 80-120 | 8.71 | 20 |
| Cadmium | 0.0181 | 0.0000600 | " | 0.0200 | 90.4 | 80-120 | 0.674 | 20 |
| Chromium | 0.194 | 0.00150 | " | 0.200 | 97.2 | 80-120 | 1.24 | 20 |
| Lead | 0.161 | 0.000100 | " | 0.150 | 107 | 80-120 | 3.53 | 20 |
| Selenium | 0.0237 | 0.000800 | " | 0.0250 | 94.8 | 80-120 | 0.0418 | 20 |
| Silver | 0.00132 | 0.0000300 | " | 0.00500 | 26.5 | 80-120 | 0.430 | 20 |

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Project: SHE - Beaver Durham 12-32

Project Number: 0343-12009
Project Manager: Rob Fishburn

Reported:
06/18/14 18:18

TCLP Metals by EPA SW846 6020/7471 - Quality Control
Summit Scientific

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

Batch 1406046 - EPA 3010A

Matrix Spike (1406046-MS1)

Source: 1406035-01

Prepared: 06/06/14 Analyzed: 06/09/14

| | | | | | | | | | | |
|----------|---------|-----------|------|---------|------------|------|--------|--|--|--|
| Arsenic | 0.0479 | 0.000600 | mg/L | 0.0500 | 0.00162 | 92.5 | 75-125 | | | |
| Barium | 6.04 | 0.00160 | " | 4.50 | 0.183 | 130 | 75-125 | | | |
| Cadmium | 0.0179 | 0.0000600 | " | 0.0200 | 0.00000890 | 89.2 | 75-125 | | | |
| Chromium | 0.180 | 0.00150 | " | 0.200 | 0.00101 | 89.7 | 75-125 | | | |
| Lead | 0.158 | 0.000100 | " | 0.150 | 0.000268 | 105 | 75-125 | | | |
| Selenium | 0.0282 | 0.000800 | " | 0.0250 | 0.00333 | 99.4 | 75-125 | | | |
| Silver | 0.00130 | 0.0000300 | " | 0.00500 | ND | 26.0 | 75-125 | | | |

Matrix Spike Dup (1406046-MSD1)

Source: 1406035-01

Prepared: 06/06/14 Analyzed: 06/09/14

| | | | | | | | | | |
|----------|---------|-----------|------|---------|------------|------|--------|-------|----|
| Arsenic | 0.0499 | 0.000600 | mg/L | 0.0500 | 0.00162 | 96.6 | 75-125 | 4.27 | 25 |
| Barium | 6.15 | 0.00160 | " | 4.50 | 0.183 | 133 | 75-125 | 1.71 | 25 |
| Cadmium | 0.0180 | 0.0000600 | " | 0.0200 | 0.00000890 | 89.8 | 75-125 | 0.607 | 25 |
| Chromium | 0.189 | 0.00150 | " | 0.200 | 0.00101 | 94.2 | 75-125 | 4.83 | 25 |
| Lead | 0.161 | 0.000100 | " | 0.150 | 0.000268 | 107 | 75-125 | 1.96 | 25 |
| Selenium | 0.0278 | 0.000800 | " | 0.0250 | 0.00333 | 98.1 | 75-125 | 1.21 | 25 |
| Silver | 0.00128 | 0.0000300 | " | 0.00500 | ND | 25.7 | 75-125 | 1.32 | 25 |

Batch 1406050 - EPA 1311

Blank (1406050-BLK1)

Prepared: 06/06/14 Analyzed: 06/09/14

| | | | | | | | | | |
|---------|----|--------|------|--|--|--|--|--|--|
| Mercury | ND | 0.0500 | mg/L | | | | | | |
|---------|----|--------|------|--|--|--|--|--|--|

Blank (1406050-BLK2)

Prepared: 06/06/14 Analyzed: 06/09/14

| | | | | | | | | | |
|---------|----|--------|------|--|--|--|--|--|--|
| Mercury | ND | 0.0500 | mg/L | | | | | | |
|---------|----|--------|------|--|--|--|--|--|--|

LCS (1406050-BS1)

Prepared: 06/06/14 Analyzed: 06/09/14

| | | | | | | | | | |
|---------|---------|--------|------|---------|--|-----|--------|--|--|
| Mercury | 0.00200 | 0.0500 | mg/L | 0.00133 | | 150 | 59-141 | | |
|---------|---------|--------|------|---------|--|-----|--------|--|--|

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: SHE - Beaver Durham 12-32

Project Number: 0343-12009
Project Manager: Rob Fishburn

Reported:
06/18/14 18:18

TCLP Metals by EPA SW846 6020/7471 - Quality Control
Summit Scientific

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

Batch 1406050 - EPA 1311

LCS Dup (1406050-BSD1)

Prepared: 06/06/14 Analyzed: 06/09/14

| | | | | | | | | | |
|---------|---------|--------|------|---------|--|-----|--------|------|----|
| Mercury | 0.00186 | 0.0500 | mg/L | 0.00133 | | 139 | 59-141 | 7.24 | 11 |
|---------|---------|--------|------|---------|--|-----|--------|------|----|

Matrix Spike (1406050-MS1)

Source: 1405171-01

Prepared: 06/06/14 Analyzed: 06/09/14

| | | | | | | | | | |
|---------|---------|--------|------|---------|----|-----|--------|--|--|
| Mercury | 0.00200 | 0.0500 | mg/L | 0.00133 | ND | 150 | 42-153 | | |
|---------|---------|--------|------|---------|----|-----|--------|--|--|

Matrix Spike Dup (1406050-MSD1)

Source: 1405171-01

Prepared: 06/06/14 Analyzed: 06/09/14

| | | | | | | | | | |
|---------|---------|--------|------|---------|----|-----|--------|-------|----|
| Mercury | 0.00201 | 0.0500 | mg/L | 0.00133 | ND | 151 | 42-153 | 0.673 | 22 |
|---------|---------|--------|------|---------|----|-----|--------|-------|----|

Summit Scientific

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

Project: SHE - Beaver Durham 12-32

Project Number: 0343-12009
 Project Manager: Rob Fishburn

Reported:
 06/18/14 18:18

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

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

Batch 1406004 - General Preparation

LCS (1406004-BS1)

Prepared & Analyzed: 06/02/14

| | | | | | | |
|----|------|-------|----------|------|-----|-------|
| pH | 8.18 | 0.100 | pH Units | 8.00 | 102 | 0-200 |
|----|------|-------|----------|------|-----|-------|

Duplicate (1406004-DUP1)

Source: 1406001-01

Prepared & Analyzed: 06/02/14

| | | | | | | |
|----|------|-------|----------|------|-------|----|
| pH | 8.11 | 0.100 | pH Units | 8.04 | 0.867 | 20 |
|----|------|-------|----------|------|-------|----|

Summit Scientific

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

Project: SHE - Beaver Durham 12-32

Project Number: 0343-12009
Project Manager: Rob Fishburn

Reported:
06/18/14 18:18

Notes and Definitions

- S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
- NO No Flash Detected
- 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