

Summit Scientific

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Doc #1943745
Project #4472

October 02, 2008

John Peterson
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Pfenning # 43 & 44-31

Enclosed are the results of analyses for samples received by Summit Scientific on 09/25/08 17:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Paul Shrewsbury For Ben Shrewsbury
Vice President / Laboratory Director



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

Project: PDC - Pfenning # 43 & 44-31

Project Number: PDC 08159
Project Manager: John Peterson

Reported:
10/02/08 14:21

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| MW01 | R809141-01 | Water | 09/25/08 13:25 | 09/25/08 17:30 |
| MW02 | R809141-02 | Water | 09/25/08 13:30 | 09/25/08 17:30 |
| MW03 | R809141-03 | Water | 09/25/08 13:35 | 09/25/08 17:30 |

Summit Scientific

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Project Number: PDC 08159
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Reported:
10/02/08 14:21

MW01
R809141-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/25/08 13:25**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|------------|--------------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | ND | 1.0 | ug/l | 1 | 8093002 | 09/30/08 | 09/30/08 | EPA 8260B | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | 1.4 | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | 4.5 | 1.0 | " | " | " | " | " | " | |

Date Sampled: **09/25/08 13:25**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|--------------------|----------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 95.5 % | 77.3-121 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 99.2 % | 91.4-107 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 98.5 % | 85.3-109 | | " | " | " | " | |

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Reported:
10/02/08 14:21

MW02
R809141-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/25/08 13:30**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|------------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Benzene | 36 | 1.0 | | ug/l | 1 | 8093002 | 09/30/08 | 09/30/08 | EPA 8260B | |
| Toluene | ND | 1.0 | | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | | " | " | " | " | " | " | |
| Xylenes (total) | 3.6 | 1.0 | | " | " | " | " | " | " | |

Date Sampled: **09/25/08 13:30**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--|----------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 94.7 % | | 77.3-121 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 100 % | | 91.4-107 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 102 % | | 85.3-109 | | " | " | " | " | |

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Reported:
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MW03
R809141-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/25/08 13:35**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|-----------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Benzene | ND | 1.0 | | ug/l | 1 | 8093002 | 09/30/08 | 09/30/08 | EPA 8260B | |
| Toluene | ND | 1.0 | | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | | " | " | " | " | " | " | |
| Xylenes (total) | 11 | 1.0 | | " | " | " | " | " | " | |

Date Sampled: **09/25/08 13:35**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--|----------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.2 % | | 77.3-121 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 102 % | | 91.4-107 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 106 % | | 85.3-109 | | " | " | " | " | |

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Volatile Organic Compounds by EPA Method 8260B - Quality Control

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

Batch 8093002 - EPA 5030 Water MS

Blank (8093002-BLK1)

Prepared & Analyzed: 09/30/08

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|------|----------|--|--|--|--|
| Benzene | ND | 1.0 | ug/l | | | | | | | |
| Toluene | ND | 1.0 | " | | | | | | | |
| Ethylbenzene | ND | 1.0 | " | | | | | | | |
| Xylenes (total) | ND | 1.0 | " | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 12.2 | | " | 13.3 | 91.7 | 77.3-121 | | | | |
| Surrogate: Toluene-d8 | 13.2 | | " | 13.3 | 99.2 | 91.4-107 | | | | |
| Surrogate: 4-Bromofluorobenzene | 13.1 | | " | 13.3 | 98.5 | 85.3-109 | | | | |

LCS (8093002-BS1)

Prepared & Analyzed: 09/30/08

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|------|----------|--|--|--|--|
| Benzene | 30.4 | 1.0 | ug/l | 33.3 | 91.3 | 70-114 | | | | |
| Toluene | 30.9 | 1.0 | " | 33.3 | 92.8 | 72.7-116 | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 12.4 | | " | 13.3 | 93.2 | 77.3-121 | | | | |
| Surrogate: Toluene-d8 | 13.1 | | " | 13.3 | 98.5 | 91.4-107 | | | | |
| Surrogate: 4-Bromofluorobenzene | 13.0 | | " | 13.3 | 97.7 | 85.3-109 | | | | |

LCS Dup (8093002-BSD1)

Prepared & Analyzed: 09/30/08

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|------|----------|-------|------|--|--|
| Benzene | 29.9 | 1.0 | ug/l | 33.3 | 89.8 | 70-114 | 1.66 | 8.14 | | |
| Toluene | 30.6 | 1.0 | " | 33.3 | 91.9 | 72.7-116 | 0.976 | 7.88 | | |
| Surrogate: 1,2-Dichloroethane-d4 | 12.4 | | " | 13.3 | 93.2 | 77.3-121 | | | | |
| Surrogate: Toluene-d8 | 13.1 | | " | 13.3 | 98.5 | 91.4-107 | | | | |
| Surrogate: 4-Bromofluorobenzene | 13.3 | | " | 13.3 | 100 | 85.3-109 | | | | |

Matrix Spike (8093002-MS1)

Source: R809155-01

Prepared & Analyzed: 09/30/08

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|----|------|----------|--|--|--|
| Benzene | 29.6 | 1.0 | ug/l | 33.3 | ND | 88.9 | 66.8-117 | | | |
| Toluene | 30.5 | 1.0 | " | 33.3 | ND | 91.6 | 71.5-117 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 12.9 | | " | 13.3 | | 97.0 | 77.3-121 | | | |
| Surrogate: Toluene-d8 | 13.0 | | " | 13.3 | | 97.7 | 91.4-107 | | | |
| Surrogate: 4-Bromofluorobenzene | 13.2 | | " | 13.3 | | 99.2 | 85.3-109 | | | |

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Volatile Organic Compounds by EPA Method 8260B - Quality Control
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| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch 8093002 - EPA 5030 Water MS

| Matrix Spike Dup (8093002-MSD1) | | Source: R809155-01 | | | Prepared & Analyzed: 09/30/08 | | | | | |
|----------------------------------|------|--------------------|------|------|-------------------------------|------|----------|------|------|--|
| Benzene | 28.4 | 1.0 | ug/l | 33.3 | ND | 85.3 | 66.8-117 | 4.14 | 17.8 | |
| Toluene | 28.8 | 1.0 | " | 33.3 | ND | 86.5 | 71.5-117 | 5.73 | 14.4 | |
| Surrogate: 1,2-Dichloroethane-d4 | 14.1 | | " | 13.3 | | 106 | 77.3-121 | | | |
| Surrogate: Toluene-d8 | 13.1 | | " | 13.3 | | 98.5 | 91.4-107 | | | |
| Surrogate: 4-Bromofluorobenzene | 13.5 | | " | 13.3 | | 102 | 85.3-109 | | | |

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Notes and Definitions

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

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A handwritten signature in black ink, appearing to be 'JM' followed by a long horizontal stroke.

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