

Summit Scientific

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April 29, 2009

John Cocroft
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: KMG - Nygren 5-19 Pad

Enclosed are the results of analyses for samples received by Summit Scientific on 04/02/09 16:53. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to be 'LS' followed by a long, sweeping horizontal line.

Logan Shrewsbury For Ben Shrewsbury
Vice President / Laboratory Director



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

Project: KMG - Nygren 5-19 Pad

Project Number: KMG
Project Manager: John Cocroft

Reported:
04/29/09 14:06

RPBG01
R904012-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/02/09 14:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------|--------|-----------|--|-------|----------|---------|----------|----------|------------------------|-------|
| | | Limit | | | | | | | | |
| C6-C10 (TEPH-GRO) | ND | 50 | | mg/kg | 1 | 9040701 | 04/07/09 | 04/08/09 | 8015 Full Carbon Chain | |
| C10-C28 (TEPH-DRO) | ND | 50 | | " | " | " | " | " | " | |
| C28-C36 (TEPH-ORO) | ND | 50 | | " | " | " | " | " | " | |
| C6-C36 Total TEPH | ND | 50 | | " | " | " | " | " | " | |

Date Sampled: **04/02/09 14:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------|--|----------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | | |
| Surrogate: o-Terphenyl | | 115 % | | 77.7-123 | | " | " | " | " | |
| Surrogate: Trifluorotoluene | | 103 % | | 73.9-120 | | " | " | " | " | |

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/02/09 14:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Benzene | ND | 5.0 | | ug/kg | 1 | 9040306 | 04/03/09 | 04/04/09 | EPA 8260B | |
| Toluene | ND | 5.0 | | " | " | " | " | " | " | |
| Ethylbenzene | ND | 5.0 | | " | " | " | " | " | " | |
| Xylenes (total) | ND | 5.0 | | " | " | " | " | " | " | |

Date Sampled: **04/02/09 14:00**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--|----------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | | 77.3-121 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 102 % | | 91.4-107 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 101 % | | 85.3-109 | | " | " | " | " | |

Physical Parameters by APHA/ASTM/EPA Methods

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RPBG01
R904012-01 (Soil)

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Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **04/02/09 14:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------------|-------|
| Specific Conductance (EC) | 1430 | 1.00 | umhos/cm | 1 | 9040703 | 04/07/09 | 04/07/09 | SM 2510b/mod | |

Date Sampled: **04/02/09 14:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 8.0 | | pH Units | " | 9040702 | 04/07/09 | 04/07/09 | EPA 9045B | |

Hazen Laboratories - LDNR True Total Barium - Dry Weight Basis

Date Sampled: **04/02/09 14:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| Barium | 0.020 | 0.0010 | % | 1 | 9042803 | 04/17/09 | 04/28/09 | LDNR | |

Evergreen Analytical - Hot Water Soluble Boron, Soil Basis

Date Sampled: **04/02/09 14:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|--------|-------|
| Boron | 0.54 | 0.020 | mg/L | 1 | 9041703 | 04/08/09 | 04/09/09 | GUPTA | |

Evergreen Analytical - 6010 Hexavalent Chromium, Soil (3060A Mod Digest)

Date Sampled: **04/02/09 14:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|-----------------|-------|----------|---------|----------|----------|----------------|-------|
| Chromium, Hexavalent | ND | 2.00 | mg/kg | 1 | 9041703 | 04/07/09 | 04/08/09 | SW6010B Cr6 | |

Evergreen Analytical - Metals

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RPBG01
R904012-01 (Soil)

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Evergreen Analytical - Metals

Date Sampled: **04/02/09 14:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|------------|-----------|-------|----------|---------|----------|----------|---------|-------|
| | | Limit | Units | | | | | | |
| Arsenic | ND | 3.6 | mg/kg | 1 | 9041703 | 04/08/09 | 04/09/09 | SW6010B | |
| Cadmium | ND | 0.72 | " | " | " | " | " | " | |
| Chromium | 9.4 | 0.72 | " | " | " | " | " | " | |
| Copper | 8.5 | 0.36 | " | " | " | " | " | " | |
| Lead | ND | 5.3 | " | " | " | " | " | " | |
| Nickel | 8.4 | 2.2 | " | " | " | " | " | " | |
| Selenium | ND | 7.2 | " | " | " | " | " | " | |
| Silver | ND | 2.2 | " | " | " | " | " | " | |
| Zinc | 33 | 2.2 | " | " | " | " | " | " | |

Evergreen Analytical - Mercury

Date Sampled: **04/02/09 14:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-------|----------|---------|----------|----------|---------|-------|
| | | Limit | Units | | | | | | |
| Mercury | ND | 0.018 | mg/kg | 1 | 9041703 | 04/06/09 | 04/08/09 | SW7471A | |

Evergreen Analytical - Trivalent Chromium, Calculated, Soil Basis

Date Sampled: **04/02/09 14:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------|-------------|-----------|-------|----------|---------|----------|----------|----------|-------|
| | | Limit | Units | | | | | | |
| Chromium+3 Calculated | 9.40 | 0.300 | mg/kg | 1 | 9041703 | 04/09/09 | 04/13/09 | CalcCr+3 | |

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Project: KMG - Nygren 5-19 Pad
Project Number: KMG
Project Manager: John Cocroft

Reported:
04/29/09 14:06

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 9040701 - EPA 3550A

Blank (9040701-BLK1)

Prepared & Analyzed: 04/07/09

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

LCS (9040701-BS1)

Prepared & Analyzed: 04/07/09

| | | | | | | |
|--------------------|-----|----|-------|-----|------|----------|
| C6-C10 (TEPH-GRO) | ND | 50 | mg/kg | | | 70-130 |
| C10-C28 (TEPH-DRO) | 493 | 50 | " | 500 | 98.6 | 83.3-127 |

LCS (9040701-BS2)

Prepared & Analyzed: 04/07/09

| | | | | | | |
|--------------------|-----|----|-------|-----|-----|----------|
| C6-C10 (TEPH-GRO) | 552 | 50 | mg/kg | 519 | 106 | 70-130 |
| C10-C28 (TEPH-DRO) | ND | 50 | " | | | 83.3-127 |

LCS Dup (9040701-BSD1)

Prepared & Analyzed: 04/07/09

| | | | | | | | | |
|--------------------|-----|----|-------|-----|-----|----------|------|----|
| C6-C10 (TEPH-GRO) | ND | 50 | mg/kg | | | 70-130 | | 20 |
| C10-C28 (TEPH-DRO) | 535 | 50 | " | 500 | 107 | 83.3-127 | 8.17 | 15 |

LCS Dup (9040701-BSD2)

Prepared & Analyzed: 04/07/09

| | | | | | | | | |
|--------------------|-----|----|-------|-----|-----|----------|------|----|
| C6-C10 (TEPH-GRO) | 572 | 50 | mg/kg | 519 | 110 | 70-130 | 3.56 | 20 |
| C10-C28 (TEPH-DRO) | ND | 50 | " | | | 83.3-127 | | 15 |

Matrix Spike (9040701-MS1)

Source: R904011-01

Prepared & Analyzed: 04/07/09

| | | | | | | | |
|--------------------|-----|----|-------|-----|----|--------|----------|
| C6-C10 (TEPH-GRO) | ND | 50 | mg/kg | | ND | 70-130 | |
| C10-C28 (TEPH-DRO) | 552 | 50 | " | 500 | ND | 110 | 75.8-126 |

Matrix Spike (9040701-MS2)

Source: R904012-01

Prepared & Analyzed: 04/07/09

| | | | | | | | |
|--------------------|-----|----|-------|-----|----|-----|----------|
| C6-C10 (TEPH-GRO) | 632 | 50 | mg/kg | 519 | ND | 122 | 70-130 |
| C10-C28 (TEPH-DRO) | ND | 50 | " | | ND | | 75.8-126 |

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Project Number: KMG
Project Manager: John Cocroft

Reported:
04/29/09 14:06

Extractable 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 9040701 - EPA 3550A

| | | | | | | | | | | |
|--|-----|---------------------------|-------|-----|-------------------------------|------|----------|-------|------|--|
| Matrix Spike Dup (9040701-MSD1) | | Source: R904011-01 | | | Prepared & Analyzed: 04/07/09 | | | | | |
| C6-C10 (TEPH-GRO) | ND | 50 | mg/kg | | ND | | 70-130 | | 20 | |
| C10-C28 (TEPH-DRO) | 433 | 50 | " | 500 | ND | 86.6 | 75.8-126 | 24.2 | 13.6 | |
| Matrix Spike Dup (9040701-MSD2) | | Source: R904012-01 | | | Prepared & Analyzed: 04/07/09 | | | | | |
| C6-C10 (TEPH-GRO) | 626 | 50 | mg/kg | 519 | ND | 121 | 70-130 | 0.954 | 20 | |
| C10-C28 (TEPH-DRO) | ND | 50 | " | | ND | | 75.8-126 | | 13.6 | |

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Project Number: KMG
Project Manager: John Cocroft

Reported:
04/29/09 14:06

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 9040306 - EPA 5030 Soil MS

Blank (9040306-BLK1)

Prepared & Analyzed: 04/03/09

| | | | | | | | | | | |
|----------------------------------|------|-----|-------|------|--|------|----------|--|--|--|
| Benzene | ND | 5.0 | ug/kg | | | | | | | |
| Toluene | ND | 5.0 | " | | | | | | | |
| Ethylbenzene | ND | 5.0 | " | | | | | | | |
| Xylenes (total) | ND | 5.0 | " | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 39.4 | | " | 40.0 | | 98.5 | 77.3-121 | | | |
| Surrogate: Toluene-d8 | 39.2 | | " | 40.0 | | 98.0 | 91.4-107 | | | |
| Surrogate: 4-Bromofluorobenzene | 38.8 | | " | 40.0 | | 97.0 | 85.3-109 | | | |

LCS (9040306-BS1)

Prepared & Analyzed: 04/03/09

| | | | | | | | | | | |
|----------------------------------|------|-----|-------|------|--|------|----------|--|--|--|
| Benzene | 65.2 | 5.0 | ug/kg | 100 | | 65.2 | 70-114 | | | |
| Toluene | 66.4 | 5.0 | " | 100 | | 66.4 | 72.7-116 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 39.4 | | " | 40.0 | | 98.5 | 77.3-121 | | | |
| Surrogate: Toluene-d8 | 39.8 | | " | 40.0 | | 99.5 | 91.4-107 | | | |
| Surrogate: 4-Bromofluorobenzene | 39.8 | | " | 40.0 | | 99.5 | 85.3-109 | | | |

Matrix Spike (9040306-MS1)

Source: R904001-01

Prepared & Analyzed: 04/03/09

| | | | | | | | | | | |
|----------------------------------|------|-----|-------|------|----|------|----------|--|--|--|
| Benzene | 74.8 | 5.0 | ug/kg | 100 | ND | 74.8 | 66.8-117 | | | |
| Toluene | 93.1 | 5.0 | " | 100 | ND | 93.1 | 71.5-117 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 41.5 | | " | 40.0 | | 104 | 77.3-121 | | | |
| Surrogate: Toluene-d8 | 40.0 | | " | 40.0 | | 100 | 91.4-107 | | | |
| Surrogate: 4-Bromofluorobenzene | 40.3 | | " | 40.0 | | 101 | 85.3-109 | | | |

Matrix Spike Dup (9040306-MSD1)

Source: R904001-01

Prepared & Analyzed: 04/03/09

| | | | | | | | | | | |
|----------------------------------|------|-----|-------|------|----|------|----------|-------|------|--|
| Benzene | 74.5 | 5.0 | ug/kg | 100 | ND | 74.5 | 66.8-117 | 0.402 | 17.8 | |
| Toluene | 91.7 | 5.0 | " | 100 | ND | 91.7 | 71.5-117 | 1.52 | 14.4 | |
| Surrogate: 1,2-Dichloroethane-d4 | 42.3 | | " | 40.0 | | 106 | 77.3-121 | | | |
| Surrogate: Toluene-d8 | 39.6 | | " | 40.0 | | 99.0 | 91.4-107 | | | |
| Surrogate: 4-Bromofluorobenzene | 40.1 | | " | 40.0 | | 100 | 85.3-109 | | | |

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Reported:
04/29/09 14:06

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 9040702 - General Preparation

| | | | | | | | | | | | |
|---------------------------------|-----|---------------------------|----------|-------------------------------|-----|--|--|------|--|----|--|
| Duplicate (9040702-DUP1) | | Source: R904012-01 | | Prepared & Analyzed: 04/07/09 | | | | | | | |
| pH | 7.9 | | pH Units | | 8.0 | | | 1.26 | | 20 | |

Batch 9040703 - General Preparation

| | | | | | | | | | | | |
|---------------------------------|------|---------------------------|----------|-------------------------------|------|--|--|------|--|----|--|
| Duplicate (9040703-DUP1) | | Source: R904011-01 | | Prepared & Analyzed: 04/07/09 | | | | | | | |
| Specific Conductance (EC) | 7080 | 1.00 | umhos/cm | | 5930 | | | 17.7 | | 20 | |

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Arvada CO, 80003

Project: KMG - Nygren 5-19 Pad

Project Number: KMG
Project Manager: John Cocroft

Reported:
04/29/09 14:06

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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