



October 20, 2016

Mr. Ward Giltner
Prospect Energy, LLC
1229 East Douglas Road
Fort Collins, Colorado 80524

**RE: Confirmation Sampling and Soil Remediation
FTC Battery
Larimer County, Colorado
Project # 702108.001.01**

Mr. Giltner:

From March 28, 2016, to May 4, 2016, Talon/LPE conducted confirmation soil sampling during the excavation of past oil releases at the FTC Battery location (site) in Larimer County, Colorado.. The purpose of the sampling event was to ensure that all hydrocarbon impacted soil had been removed to the extent required by the Colorado Oil and Gas Conservation Commission (COGCC). The site is identified by the COGCC as Spill/Release Point IDs 441826 and 441871, and furthermore as Form 27 Remediation Project Number 9188.

On March 28, 2016, two (2) grab samples (SW-E @ 10' and SW-S @ 8') were collected in the excavation. A site map with the sample locations is presented in Figure 1.

The collected samples were analyzed for Total Petroleum Hydrocarbons (TPH) via Gasoline Range Organics (GRO) method EPA8260B and Diesel Range Organics (DRO) method 8015, and for Benzene, Toluene, Ethyl-benzene, and Xylenes (BTEX) via method EPA8260B at Summit Scientific (Summit) in Golden, Colorado. Both samples were reported to exhibit TPH and BTEX concentrations below COGCC Table 910-1 concentration levels. A soil concentration map is presented in Figure 2 and a breakdown of the confirmation sampling soil analytical data is presented in Table 1.

As the excavation progressed, Talon/LPE collected two (2) additional samples on April 14, 2016. These samples, SW-SW @ 20' and SW-W @ 10', were analyzed for TPH and BTEX at Summit. Both samples were reported to exhibit TPH and BTEX concentrations below COGCC Table 910-1 concentration levels.



On April 21 & 25, 2016, Talon/LPE collected samples SW-NW @ 20' and SW-SE @ 22', respectively. Both samples were analyzed for TPH and BTEX at Summit and were reported to have non-detectable concentrations.

On April 27, 2016, a sample (BH-1 @ 25') was collected in the center of the excavation floor directly above the water table. This sample was analyzed for TPH and BTEX at Summit and was reported to have a benzene and TPH concentration above COGCC Table 910-1 concentrations. The toluene, ethyl-benzene, and xylenes concentrations were below COGCC Table 910-1 concentrations. Due to the elevated benzene and TPH concentrations on the excavation floor, the decision was made to excavate all soils within the excavation above the water table.

As the excavation progressed to the north, Talon/LPE collected two (2) samples on April 28, 2016. These samples, SW-NE @ 23' and SW-N @ 21', were analyzed for TPH and BTEX at Summit. Sample SW-NE @ 23' was reported to exhibit TPH and BTEX concentrations below COGCC Table 910-1 concentrations. Sample SW-N @ 21' was reported to exhibit BTEX concentrations below COGCC Table 910-1, but its TPH concentration was above COGCC Table 910-1.

Based on the collected analytical data from sample SW-N @ 21', further excavation was performed on the north end of the excavation. On May 4, 2016, Talon/LPE collected an additional confirmation sample, SW-N-2 @ 21', and had it analyzed for TPH and BTEX at Summit. This sample exhibited TPH and BTEX concentrations below COGCC Table 910-1.

From May 12, 2016, to July 21, 2016, Talon/LPE utilized a Royer Model 364 soil shredding machine to remediate the four thousand seven hundred (4,700) cubic yards of hydrocarbon impacted soil from the excavation. The Royer Model 364 soil shredding machine pulverized the impacted soil which increased the surface area of the soil and allowed maximum volatilization of the hydrocarbons. Additionally, while shredding the impacted soils, Talon/LPE applied a 10-15% hydrogen peroxide solution to chemically oxidize the hydrocarbons.

Throughout the remediation process, Talon/LPE collected composite confirmation samples (A1 through A21 and B1 through B26) from the remediated stockpiles on a frequency of one (1) sample per one hundred (100) cubic yards. The first round of samples collected (A1 through A11), were analyzed for TPH and BTEX at Summit. All BTEX concentrations for these samples were reported as non-detectable and all GRO concentrations were reported at less than 2 mg/kg. Based on this data,

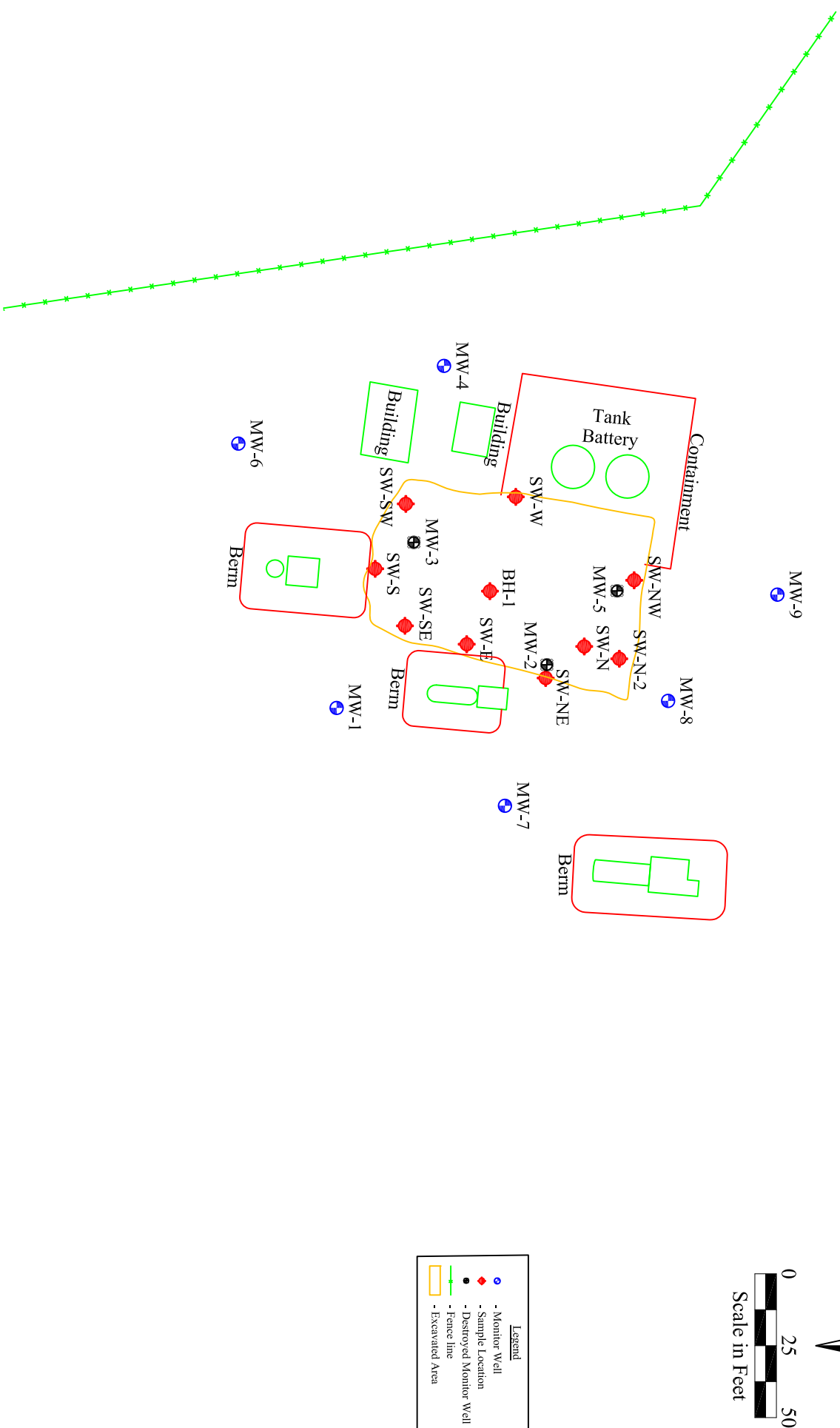


Talon/LPE requested future analysis on the remediated stockpiles be limited to only DRO. The COGCC granted approval for this request in an email dated June 8, 2016. Some stockpile samples obtained did not meet the COGCC threshold of 500 mg/kg for TPH after initially sampling. In these instances, the stockpiles were retreated with the hydrogen peroxide solution and turned with a backhoe to allow further volatilization and oxidation. All forty seven (47) stockpiles ultimately exhibited DRO results below 500 mg/kg. A breakdown of the remediated soil analytical data is presented in Table 2.

Based upon the collected analytical data and actions conducted, Talon/LPE believes that the hydrocarbon impacted soils have been removed and remediated to the extent required by the COGCC and no further corrective action is necessary. If you have any questions or comments, please do not hesitate to call me at (970) 818-5330.

Respectfully Submitted,

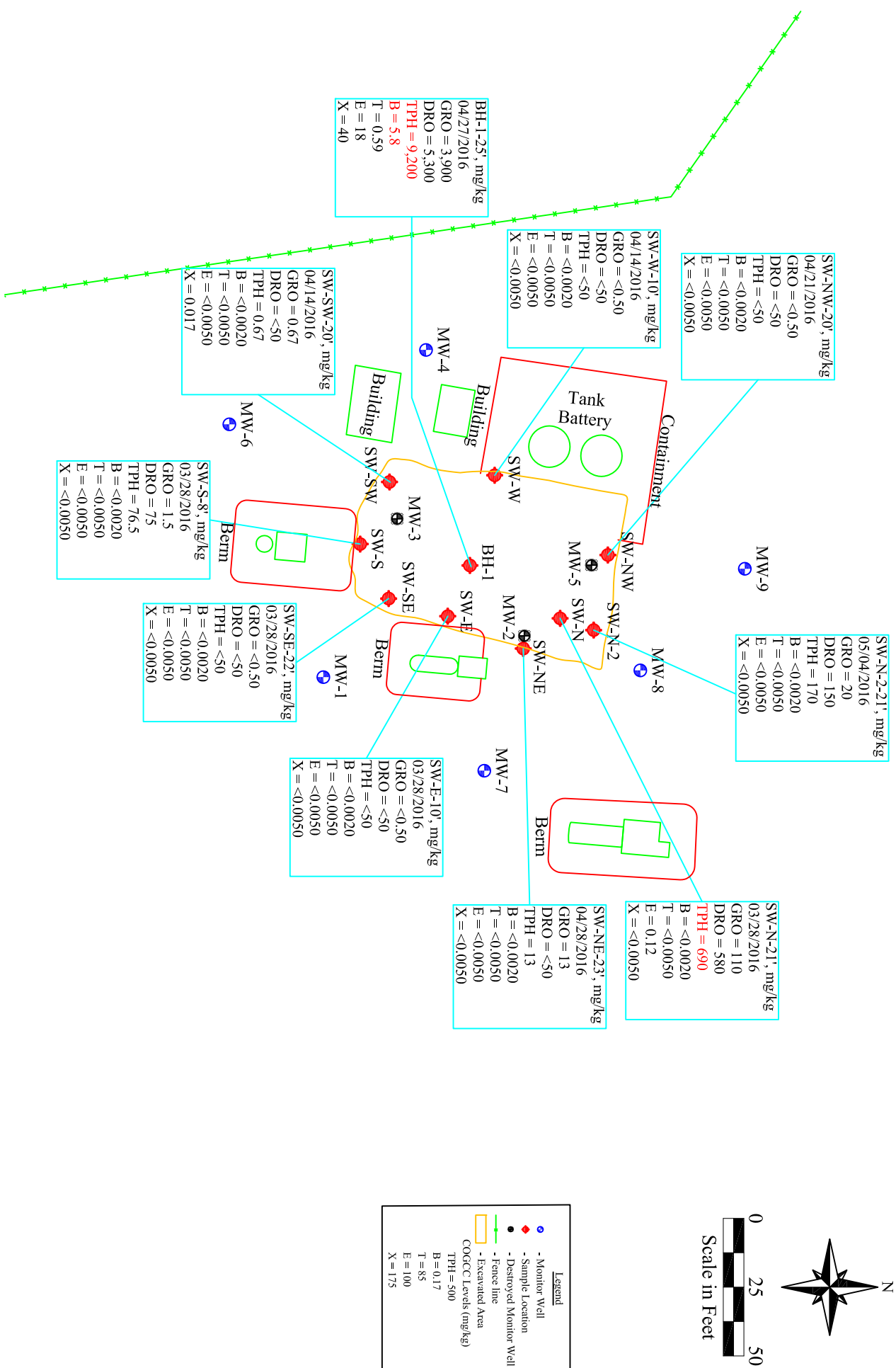
Colby Sterling
District Manager
Talon/LPE

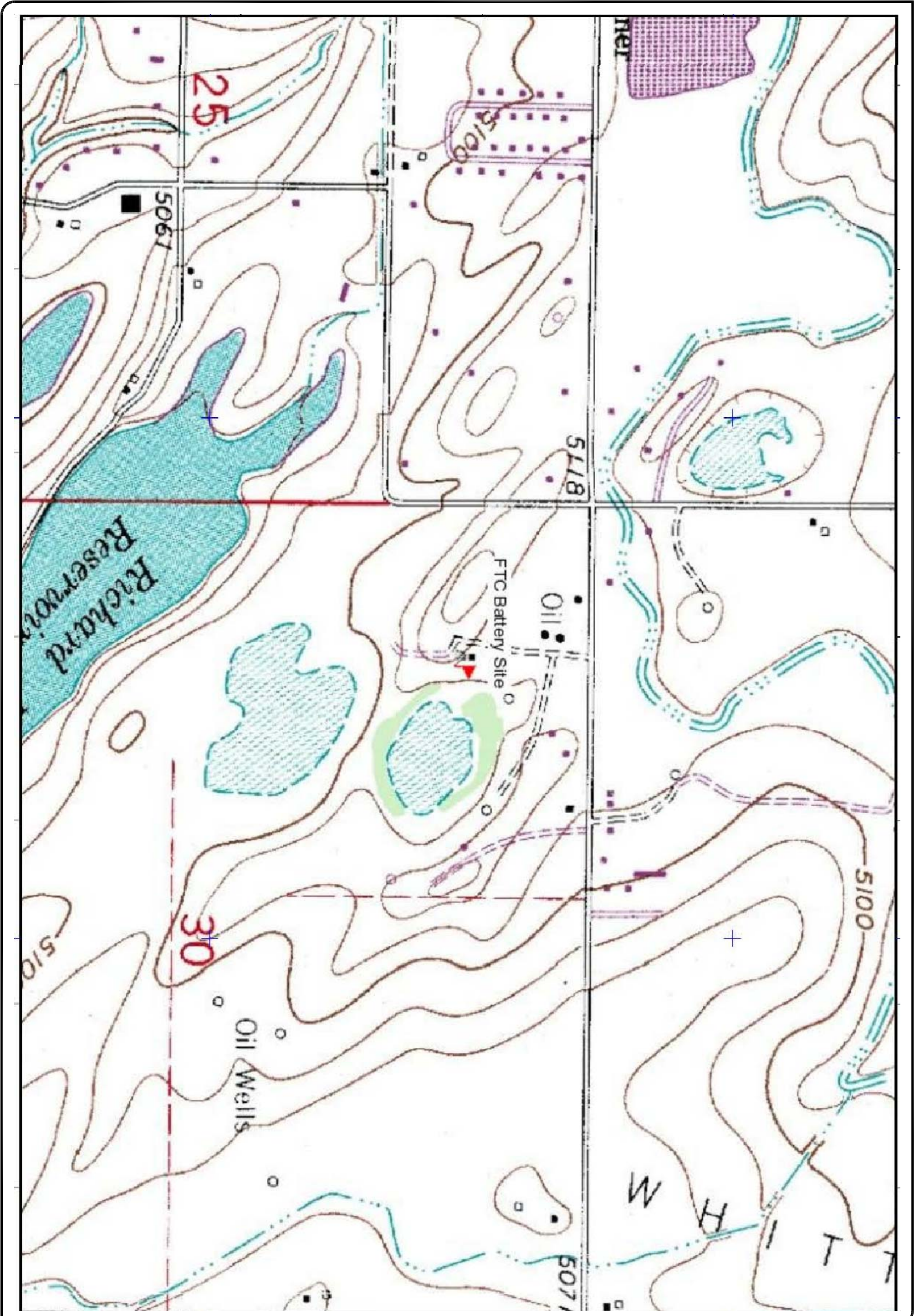




Date: 08/18/2016
Scale: 1" = 50'
Drawn By: TJS

FTC Battery
Prospect Energy
Larimer County, Colorado
Figure 2 - Soil Concentration Map (03/28/2016 - 05/04/2016)





Date: 08/18/2016
Scale: 1:10,000
Drawn By: TJS

FTC Battery
Prospect Energy
Larimer County, Colorado
Figure 3 - Topographic Map



Table 1 - Confirmation Sampling Soil Analytical Data

**Prospect Energy
FTC Battery
Larimer County, Colorado**

| Sample ID | Lab ID | Date Sampled | Concentration (mg/kg) | | | | | | |
|--|------------|--------------|-----------------------|---------|---------------|---------|-------|------|------|
| | | | Benzene | Toluene | Ethyl-Benzene | Xylenes | GRO | DRO | TPH |
| COGCC Table 910-1 Concentration Levels | | | 0.17 | 85 | 100 | 175 | NA | NA | 500 |
| SW-E @ 10' | 1603185-01 | 03/28/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | <0.50 | <50 | <50 |
| SW-S @ 8' | 1603185-02 | 03/28/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | 1.5 | 75 | 76.5 |
| SW-SW @ 20' | 1604110-01 | 04/14/16 | <0.0020 | <0.0050 | <0.0050 | 0.017 | 0.67 | <50 | 0.67 |
| SW-W @ 10' | 1604110-02 | 04/14/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | <0.50 | <50 | <50 |
| SW-NW @ 20' | 1604199-01 | 04/21/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | <0.50 | <50 | <50 |
| SW-SE @ 22' | 1604209-01 | 04/25/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | <0.50 | <50 | <50 |
| BH-1 @ 25' | 1604234-01 | 04/27/16 | 5.8 | 0.59 | 18 | 40 | 3900 | 5300 | 9200 |
| SW-NE @ 23' | 1604249-01 | 04/28/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | 13 | <50 | 13 |
| SW-N @ 21' | 1604249-02 | 04/28/16 | <0.0020 | <0.0050 | 0.12 | <0.0050 | 110 | 580 | 690 |
| SW-N-2 @ 21' | 1605032-01 | 05/04/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | 20 | 150 | 170 |

mg/kg - milligrams per kilogram

< - Analytical result is less than the reporting limit

COGCC - Colorado Oil and Gas Conservation Commission

GRO - Gasoline Range Organics

DRO - Diesel Range Organics

TPH - Total Petroleum Hydrocarbons (Combined GRO/DRO)



Table 2 - Remediated Soil Analytical Data

Prospect Energy
FTC Tank Battery
Larimer County, Colorado

| Sample ID | Lab ID | Date Sampled | Concentration (mg/kg) | | | | | | |
|--|------------|--------------|-----------------------|---------|---------------|---------|------|------|---------|
| | | | Benzene | Toluene | Ethyl-Benzene | Xylenes | GRO | DRO | TPH |
| COGCC Table 910-1 Concentration Levels | | | 0.17 | 85 | 100 | 175 | NA | NA | 500 |
| A1 | 1606020-01 | 06/02/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | 1.5 | 930 | 931.5 |
| | 1606167-01 | 06/16/16 | NA | NA | NA | NA | NA | 310 | 310 |
| A2 | 1606020-02 | 06/02/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | 1.3 | 1100 | 1101.3 |
| | 1606167-02 | 06/16/16 | NA | NA | NA | NA | NA | 420 | 420 |
| A3 | 1606020-03 | 06/02/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | 1.8 | 1000 | 1001.8 |
| | 1606167-03 | 06/16/16 | NA | NA | NA | NA | NA | 460 | 460 |
| A4 | 1606020-04 | 06/02/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | 0.87 | 1500 | 1500.87 |
| | 1606167-04 | 06/16/16 | NA | NA | NA | NA | NA | 650 | 650 |
| | 1606246-01 | 06/23/16 | NA | NA | NA | NA | NA | 880 | 880 |
| | 1607064-01 | 07/11/16 | NA | NA | NA | NA | NA | 460 | 460 |
| A5 | 1606020-05 | 06/02/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | 0.7 | 1500 | 1500.7 |
| | 1606167-05 | 06/16/16 | NA | NA | NA | NA | NA | 430 | 430 |
| A6 | 1606020-06 | 06/02/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | 1.1 | 1300 | 1301.1 |
| | 1606246-02 | 06/23/16 | NA | NA | NA | NA | NA | 350 | 350 |
| A7 | 1606020-07 | 06/02/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | 1.3 | 1000 | 1001.3 |
| | 1606246-03 | 06/23/16 | NA | NA | NA | NA | NA | 160 | 160 |
| A8 | 1606020-08 | 06/02/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | 1.7 | 1100 | 1101.7 |
| | 1606246-04 | 06/23/16 | NA | NA | NA | NA | NA | 470 | 470 |
| A9 | 1606020-09 | 06/02/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | 1.5 | 1000 | 1001.5 |
| | 1606246-05 | 06/23/16 | NA | NA | NA | NA | NA | 280 | 280 |
| A10 | 1606020-10 | 06/02/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | 0.82 | 990 | 990.82 |
| | 1606246-06 | 06/23/16 | NA | NA | NA | NA | NA | 380 | 380 |
| A11 | 1606020-11 | 06/02/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | 1 | 1100 | 1101 |
| | 1606246-07 | 06/23/16 | NA | NA | NA | NA | NA | 270 | 270 |
| A12 | 1606132-01 | 06/10/16 | NA | NA | NA | NA | NA | 54 | 54 |
| A13 | 1606132-02 | 06/10/16 | NA | NA | NA | NA | NA | <50 | <50 |
| A14 | 1606132-03 | 06/10/16 | NA | NA | NA | NA | NA | <50 | <50 |
| A15 | 1606132-04 | 06/10/16 | NA | NA | NA | NA | NA | 81 | 81 |
| A16 | 1606132-05 | 06/10/16 | NA | NA | NA | NA | NA | 60 | 60 |
| A17 | 1606132-06 | 06/10/16 | NA | NA | NA | NA | NA | 75 | 75 |
| A18 | 1606132-07 | 06/10/16 | NA | NA | NA | NA | NA | 490 | 490 |
| A19 | 1606132-08 | 06/10/16 | NA | NA | NA | NA | NA | 91 | 91 |
| A20 | 1606132-09 | 06/10/16 | NA | NA | NA | NA | NA | 93 | 93 |
| A21 | 1606246-08 | 06/23/16 | NA | NA | NA | NA | NA | 140 | 140 |
| B1 | 1607008-01 | 06/30/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | NA | 170 | 170 |
| B2 | 1607008-02 | 06/30/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | NA | 110 | 110 |
| B3 | 1607008-03 | 06/30/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | NA | 380 | 380 |
| B4 | 1607008-04 | 06/30/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | NA | 160 | 160 |
| B5 | 1607008-05 | 06/30/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | NA | 240 | 240 |
| B6 | 1607008-06 | 06/30/16 | <0.0020 | <0.0050 | <0.0050 | <0.0050 | NA | 340 | 340 |
| B7 | 1607064-02 | 07/11/16 | NA | NA | NA | NA | NA | 790 | 790 |
| | 1607183-01 | 07/26/16 | NA | NA | NA | NA | NA | 380 | 380 |
| B8 | 1607064-03 | 07/11/16 | NA | NA | NA | NA | NA | 1200 | 1200 |
| | 1607183-02 | 07/26/16 | NA | NA | NA | NA | NA | 420 | 420 |
| B9 | 1607064-04 | 07/11/16 | NA | NA | NA | NA | NA | 870 | 870 |
| | 1607183-03 | 07/26/16 | NA | NA | NA | NA | NA | 430 | 430 |
| B10 | 1607064-05 | 07/11/16 | NA | NA | NA | NA | NA | 580 | 580 |
| | 1607183-04 | 07/26/16 | NA | NA | NA | NA | NA | 630 | 630 |
| | 1609066-01 | 09/12/16 | NA | NA | NA | NA | NA | 470 | 470 |
| B11 | 1607064-06 | 07/11/16 | NA | NA | NA | NA | NA | 1100 | 1100 |
| | 1607183-05 | 07/26/16 | NA | NA | NA | NA | NA | 450 | 450 |
| B12 | 1607064-07 | 07/11/16 | NA | NA | NA | NA | NA | 1100 | 1100 |
| | 1607183-06 | 07/26/16 | NA | NA | NA | NA | NA | 270 | 270 |
| B13 | 1607064-08 | 07/11/16 | NA | NA | NA | NA | NA | 1400 | 1400 |
| | 1607183-07 | 07/26/16 | NA | NA | NA | NA | NA | 130 | 130 |
| B14 | 1607064-09 | 07/11/16 | NA | NA | NA | NA | NA | 320 | 320 |
| B15 | 1607064-10 | 07/11/16 | NA | NA | NA | NA | NA | 380 | 380 |
| B16 | 1607120-01 | 07/18/16 | NA | NA | NA | NA | NA | 760 | 760 |
| | 1607183-08 | 07/26/16 | NA | NA | NA | NA | NA | 740 | 740 |
| | 1609066-02 | 09/12/16 | NA | NA | NA | NA | NA | 220 | 220 |
| B17 | 1607120-02 | 07/18/16 | NA | NA | NA | NA | NA | 690 | 690 |
| | 1607183-09 | 07/26/16 | NA | NA | NA | NA | NA | 220 | 220 |
| B18 | 1607120-03 | 07/18/16 | NA | NA | NA | NA | NA | 710 | 710 |
| | 1607183-10 | 07/26/16 | NA | NA | NA | NA | NA | 1500 | 1500 |
| | 1609066-03 | 09/12/16 | NA | NA | NA | NA | NA | 120 | 120 |



Table 2 - Remediated Soil Analytical Data

Prospect Energy
FTC Tank Battery
Larimer County, Colorado

| Sample ID | Lab ID | Date Sampled | Concentration (mg/kg) | | | | | | |
|--|------------|--------------|-----------------------|---------|---------------|---------|-----|------|------|
| | | | Benzene | Toluene | Ethyl-Benzene | Xylenes | GRO | DRO | TPH |
| COGCC Table 910-1 Concentration Levels | | | 0.17 | 85 | 100 | 175 | NA | NA | 500 |
| B19 | 1607120-04 | 07/18/16 | NA | NA | NA | NA | NA | 380 | 380 |
| B20 | 1607120-05 | 07/18/16 | NA | NA | NA | NA | NA | 650 | 650 |
| | 1607183-11 | 07/26/16 | NA | NA | NA | NA | NA | 750 | 750 |
| | 1609066-04 | 09/12/16 | NA | NA | NA | NA | NA | 310 | 310 |
| B21 | 1607120-06 | 07/18/16 | NA | NA | NA | NA | NA | 390 | 390 |
| B22 | 1607120-07 | 07/18/16 | NA | NA | NA | NA | NA | 390 | 390 |
| B23 | 1607183-12 | 07/26/16 | NA | NA | NA | NA | NA | 890 | 890 |
| | 1609066-05 | 09/12/16 | NA | NA | NA | NA | NA | 640 | 640 |
| | 1609201-01 | 09/29/16 | NA | NA | NA | NA | NA | 120 | 120 |
| B24 | 1607183-13 | 07/26/16 | NA | NA | NA | NA | NA | 860 | 860 |
| | 1609066-06 | 09/12/16 | NA | NA | NA | NA | NA | 230 | 230 |
| B25 | 1607183-14 | 07/26/16 | NA | NA | NA | NA | NA | 470 | 470 |
| B26 | 1607183-15 | 07/26/16 | NA | NA | NA | NA | NA | 1100 | 1100 |
| | 1609066-07 | 09/12/16 | NA | NA | NA | NA | NA | 460 | 460 |

mg/kg - milligrams per kilogram

< - Analytical result is less than the reporting limit

COGCC - Colorado Oil and Gas Conservation Commission

GRO - Gasoline Range Organics

DRO - Diesel Range Organics

TPH - Total Petroleum Hydrocarbons (Combined GRO/DRO)

NA - Not Analyzed