



August 24, 2015

Mr. David Blake Ford
Encana Oil & Gas (USA) Inc.
3601 Stagecoach Road North
Longmont, CO 80504

**RE: Site Assessment and Annual Groundwater Sampling Report – August 2014 through
 June 2015
 Peppler Farms NWNE
 Facility # 426234
 Remediation #8803
 NW ¼ NE ¼ SEC.4 T3N R68W 6PM
 LAT./LONG.: 40.26182/-105.00677
 Weld County, Colorado**

Dear Mr. Ford,

Eagle Environmental Consulting, Inc. (EAGLE) is pleased to present this Annual Groundwater Sampling Report – June 2015 to Encana Oil & Gas (USA) (Encana) for the above referenced site. The data included within this report covers work completed at the site from August 2014 through June 2015. A site location map is included as Figure 1.

1.0 SITE BACKGROUND

In August 2014, following a sales line release, Encana completed source removal activities to address impacted soil discovered within the condensate tanks containment area. Following source removal activities, four soil samples, NWTANK, NETANK, SWTANK, and SETANK were collected from beneath the condensate tanks containment liner and submitted to ESC Lab Sciences (ESC) located in Mt. Juliet, Tennessee.

Soil samples NWTANK, NETANK, SWTANK, and SETANK were submitted for laboratory analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX) and total petroleum hydrocarbons – gasoline range organics (TPH-GRO) following Environmental Protection Agency (EPA) Methods 8021/8015, and total petroleum hydrocarbons – diesel range organics (TPH-DRO) following modified EPA Method 3546.

Based on laboratory analytical results, soil sample, NETANK, contained a concentration of benzene exceeding the Colorado Oil and Gas Conservation Commission (COGCC) Table 910-1 regulatory limit of 0.17 milligrams per kilogram (mg/kg) with a concentration of 0.87 mg/kg. In addition, soil samples NETANK, SWTANK, and SETANK contained concentrations of TPH exceeding the COGCC Table 910-1 regulatory limit of 500 mg/kg, with concentrations of 780 mg/kg, 1,420 mg/kg, and 2,730 mg/kg, respectively. Soil sample, NWTANK, did not contain concentrations of BTEX or TPH exceeding their respective COGCC Table 910-1 regulatory limits.

Quarterly groundwater monitoring has been completed at the site from September 2014 through June 2015.

2.0 SITE DESCRIPTION

The Peppler Farms NWE site is located within the Northwest Quarter of the Northeast Quarter of Section 4, Township 3 North, Range 68 West of the 6th Prime Meridian. The site contains eighteen, 500 barrel (bbl) condensate storage tanks and four, 230 bbl produced water tanks. The tank battery is located at latitude: 40.26182 and longitude -105.00677 in Weld County, Colorado.

2.1 Site Hydrogeology

Based on field observations, the lithology beneath the site is a silty clay from the surface to approximately 9.5 to 15 feet below ground surface (bgs). A weathered-claystone was observed within the boreholes of MW-03 and MW-04 at approximately 9.5 and 11 feet bgs, respectively. Groundwater beneath the site ranges from approximately 6.3 to 8.5 feet bgs.

3.0 MONITORING WELL INSTALLATION ACTIVITIES

3.1 Field Work Preparation and Planning

The Utility Notification Center of Colorado (UNCC) was called at least 48 hours in advance of drilling activities to confirm no unmarked utilities or other obstacles were present within the proposed drilling locations. Tier II facility owners were also contacted to confirm the necessary buried utility notifications were completed. Each boring location was also cleared to a depth of approximately 5-6 feet bgs, prior to the advancement of any proposed soil boring, with a pothole or “daylighting” rig, to ensure no unmarked utilities were present beneath the boring location. Prior to completing subsurface activities, a Ground Disturbance Form was completed by Encana and EAGLE.

3.2 Monitoring Well Installation Activities

On August 27, 2014, EAGLE supervised the installation of four groundwater monitoring wells, MW-01 through MW-04, to assess potential dissolved phase petroleum hydrocarbon impacts beneath the site. A Geoprobe 7822DT direct-push track rig was utilized to advance the monitoring wells MW-01 through MW-04 to approximately 8 to 13 feet bgs. The soil samples collected from the monitoring wells were analyzed for BTEX and TPH-GRO following EPA Methods 8021/8015, and TPH-DRO following modified EPA Method 3546.

Monitoring wells MW-01, MW-02, MW-03, and MW-04 were completed with 8-inch steel, traffic rated, flush mounts.

A site map presenting soil sample locations is included as Figure 2. Soil boring logs/monitoring well completion diagrams are included in Attachment A. Colorado Division of Water Resources Well Permits are included in Attachment B.

3.3 Soil Sampling Procedures

During monitoring well installation activities, soil samples were collected continuously within 5-foot, plastic sample liners. The samples were separated in 2.5-foot intervals for soil identification and analysis. A portion from each interval was placed in a sealable plastic bag, for volatile organic compound (VOC) headspace analysis utilizing a field calibrated portable photoionization detector (PID). Each bag was sealed, labeled, and allowed to volatilize for approximately five to ten minutes. The other portion of each sample from the same interval was placed in laboratory supplied, 4-ounce, glass jars and sealed for laboratory analysis. After volatilization, the bagged sample was perforated with the probe of the

calibrated field portable PID, using a 10.6 electron volt (eV) lamp, to measure the organic vapor concentration within the headspace. Organic vapor concentrations were recorded in parts per million by volume (ppm-v) for each sample. Photoionization detector values ranged from 0 ppm-v to 2.1 ppm-v (MW-02@5-7.5').

The soil samples collected from soil borings MW-01@7.5-10', MW-02@5-7.5', MW-03@5-7.5', and MW-04@5-7.5' were submitted to ESC for laboratory analysis of BTEX and TPH-GRO following EPA Methods 8021/8015, and TPH-DRO following modified EPA Method 3546. In addition, soil sample MW-02@5-7.5' was analyzed for the metals and the 13 polycyclic aromatic hydrocarbons (PAHs) listed in COGCC Table 910-1 following EPA Methods 6010B and 3060A/7196A, and 8270C-SIM, respectively, as well as pH following EPA Method 9045D, and specific conductance following EPA Method 9050A. Sodium adsorption ratio (SAR) was also calculated by the laboratory.

Following soil sample collection, EAGLE recorded the spatial location of each monitoring well using a Trimble GeoXT 6000 series instrument. The updated locations are presented on the current site map included as Figure 2.

A representative from ESC picked up the soil samples under proper chain-of custody procedures for shipment to the laboratory and were received within quality assurance/quality control (QA/QC) parameters.

3.4 Soil Analytical Results

Based on laboratory analytical results, soil samples MW-01@7.5-10', MW-02@5-7.5', MW-03@5-7.5', and MW-04@5-7.5' did not contain concentrations of BTEX or TPH exceeding their respective COGCC Table 910-1 regulatory limits or laboratory reporting limits. Soil sample MW-02@5-7.5' also did not contain PAH, specific conductance, pH, or SAR concentrations/values exceeding their respective COGCC Table 910-1 regulatory limits.

An arsenic concentration was observed in soil sample MW-02@5-7.5' exceeding the COGCC Table 910-1 regulatory limit of 0.39 mg/kg with a concentration of 6.6 mg/kg. Arsenic is naturally occurring in some geologic environments within Colorado due to the weathering and erosion of bedrock and soil. The Colorado Department of Public Health and Environment (CDPHE) has developed a Risk Management Guidance Document for Evaluating Arsenic Concentrations in Soil, which was recently revised in July 2014. During the study conducted by the EPA, the average concentration of arsenic observed in Colorado soils was 11 mg/kg. Based on the average concentration of arsenic listed in the guidance document provided by the CDPHE and the arsenic concentration observed in the soil sample MW-02@5-7.5', arsenic is not a chemical of concern at this time.

Soil analytical results are summarized in Table 1, Table 1A, and Table 1B, and are presented in Figure 3. Soil laboratory analytical reports are included in Attachment C.

4.0 GROUNDWATER MONITORING ACTIVITIES

4.1 Groundwater Sampling Procedures

Following monitoring well installation activities, monitoring wells MW-01 through MW-04 were developed and purged a minimum of six well volumes using a Geo Pump Series 1 peristaltic pump. In addition, EAGLE surveyed the top of casing (TOC) elevation for each monitoring well location for accurate groundwater elevations and flow direction interpretation.

Prior to groundwater sample collection, MW-01 through MW-04 were purged with a peristaltic pump and flow cell at a rate of no more than 500 milliliters per min (mL/min). During purging activities, groundwater parameters were monitored for stabilization. Groundwater samples were collected in 40 milliliter (mL) amber vials once the parameters were observed stable, or following approximately 15 minutes of purging activities. Prior to groundwater sample collection, the following field parameters were recorded:

- initial depth to groundwater using an interface probe capable of measuring the depth to groundwater or product to an accuracy of 0.01 feet;
- dissolved oxygen (DO) concentrations, pH, temperature, specific conductance, and oxidation reduction potential (ORP) values using a YSI 556 MultiMeter probe within a flow cell.

Following groundwater sample collection, the following field parameters were recorded:

- final depth to groundwater using an interface probe capable of measuring the depth to groundwater or product to an accuracy of 0.01 feet.

Groundwater purged from each monitoring well during groundwater sampling activities was placed in 5-gallon bucket and transferred into a produced water tank located on the tank battery.

4.2 Groundwater Sampling Activities

Per Encana's request, EAGLE completed quarterly groundwater sampling activities at the Peppler Farms NWNE site on the dates detailed below. The groundwater samples were submitted to ESC for analysis of BTEX following EPA Method 8260B. A representative from ESC picked up the groundwater samples under proper chain-of custody procedures for shipment to the laboratory, and the samples were received within QA/QC parameters.

September 9, 2014:

Groundwater samples were collected from monitoring wells MW-01 through MW-04. Groundwater was encountered in all gauged monitoring wells (MW-01 through MW-04) at relative groundwater elevations ranging from 90.34 feet in MW-03 to 92.15 feet in MW-01. The groundwater flow direction beneath the site was predominantly to the southwest with a calculated hydraulic gradient of 0.0145 feet per foot (ft./ft.) across the site (measured from MW-01 to MW-03). A summary of groundwater elevation data is included as Table 2.

Groundwater Analytical Results

The groundwater samples collected from monitoring wells MW-01 through MW-04 did not contain concentrations of BTEX exceeding their respective COGCC Table 910-1 regulatory limits or laboratory reporting limits. The September 9, 2014 groundwater analytical results are presented in Figure 4 and summarized in Table 3.

December 10, 2014:

Groundwater samples were collected from monitoring wells MW-01, MW-02, and MW-04. Monitoring well MW-03 was observed dry during the December 10, 2015 groundwater sampling event. Groundwater was encountered in monitoring wells MW-01, MW-02, and MW-04 at relative groundwater elevations ranging from 89.98 feet in MW-02 to 90.83 feet in MW-01. Groundwater elevations beneath the site

decreased approximately 1.31 feet compared to the September 9, 2014 groundwater sampling event. The groundwater flow direction beneath the site was predominantly to the south-southeast with a calculated hydraulic gradient of 0.0058 ft./ft. across the site (measured from MW-04 to MW-02). A summary of groundwater elevation data is included as Table 2.

Groundwater Analytical Results

The groundwater samples collected from monitoring wells MW-01, MW-02, and MW-04 did not contain concentrations of BTEX exceeding their respective COGCC Table 910-1 regulatory limits or laboratory reporting limits. The December 10, 2014 groundwater analytical results are presented in Figure 4A and summarized in Table 3.

March 5 and 31, 2015:

Groundwater samples were collected from monitoring wells MW-01 and MW-02 on March 5, 2015. A groundwater sample was collected from MW-04 on March 31, 2015, as MW-04 was observed dry during the March 5, 2015 groundwater sampling event. Monitoring well MW-03 was observed dry during the March 5 and 31, 2015 groundwater sampling events. Groundwater was encountered in monitoring wells MW-01, MW-02, and MW-04 at relative groundwater elevations ranging from 89.49 feet in MW-02 to 90.30 feet in MW-01. Groundwater elevations beneath the site decreased approximately 0.50 feet compared to the December 10, 2014 groundwater sampling event. The groundwater flow direction beneath the site was predominantly to the south-southeast with a calculated hydraulic gradient of 0.0059 ft./ft. across the site (measured from MW-04 to MW-02). A summary of groundwater elevation data is included as Table 2.

Groundwater Analytical Results

The groundwater samples collected from monitoring wells MW-01, MW-02, and MW-04 did not contain concentrations of BTEX exceeding their respective COGCC Table 910-1 regulatory limits or laboratory reporting limits. The March 3 and 31, 2015 groundwater analytical results are presented in Figure 4B and summarized in Table 3.

June 25, 2015:

Groundwater samples were collected from monitoring wells MW-01 through MW-04. Groundwater was encountered in all gauged monitoring wells (MW-01 through MW-04) at relative groundwater elevations ranging from 90.57 feet in MW-03 to 92.11 feet in MW-01. Groundwater elevations beneath the site increased approximately 1.8 feet compared to the March 5 and 31, 2015 groundwater sampling events. The groundwater flow direction beneath the site was predominantly to the south-southwest with a calculated hydraulic gradient of 0.0124 ft./ft. across the site (measured from MW-01 to MW-03). A summary of groundwater elevation data is included as Table 2.

Groundwater Analytical Results

The groundwater samples collected from monitoring wells MW-01 through MW-04 did not contain concentrations of BTEX exceeding their respective COGCC Table 910-1 regulatory limits or laboratory reporting limits. The June 25, 2015 groundwater analytical results are presented in Figure 4C and summarized in Table 3.

A site map presenting the June 25, 2015 groundwater elevations and flow direction is included as Figure 5. A summary of groundwater elevation data is included as Table 2. Groundwater laboratory analytical reports are included in Attachment C.

4.0 CONCLUSIONS

Based on the information included in this report, EAGLE concludes the following:

- Soil samples MW-01@7.5-10', MW-02@5-7.5', MW-03@5-7.5', and MW-04@5-7.5' collected on August 27, 2014, did not contain concentrations of BTEX or TPH exceeding their respective COGCC Table 910-1 regulatory limits or laboratory reporting limits.
- Soil sample MW-02@5-7.5' collected on August 27, 2014, did not contain PAH, specific conductance, pH, or SAR concentrations/values exceeding their respective COGCC Table 910-1 regulatory limits.
- Based on the CDPHE Risk Management Guidance Document for Evaluating Arsenic Concentrations in Soil, the arsenic concentration observed within soil sample MW-02@5-7.5' is not a chemical of concern to the site at this time.
- The groundwater samples collected from monitoring wells MW-01 through MW-04 during the September 9, 2014 and June 25, 2015 groundwater sampling events did not contain concentrations of BTEX exceeding their respective COGCC Table 910-1 regulatory limits.
- The groundwater samples collected from monitoring wells MW-01, MW-02, and MW-04 during the December 10, 2014 and March 5 and 31, 2015 groundwater sampling events did not contain concentrations of BTEX exceeding their respective COGCC Table 910-1 regulatory limits.

5.0 RECOMMENDATIONS

Based on the information included in this report, EAGLE recommends the following:

- Since subsurface soil impacts do not exceed COGCC Table 910-1 regulatory limits and groundwater concentrations have not exceeded COGCC Table 910-1 regulatory limits during the last four consecutive quarters, additional groundwater monitoring activities do not appear warranted at this time.

EAGLE sincerely appreciates the opportunity to provide our services. If you have any questions or require further information, please contact me at (303) 433-0479.

Sincerely,

EAGLE ENVIRONMENTAL CONSULTING, INC.



Daniel Coloccia
Project Scientist



Martin Eckert III
Senior Project Manager

FIGURES

Figure 1: Site Location Map

Figure 2: Site Map

Figure 3: Soil Sample Location Map

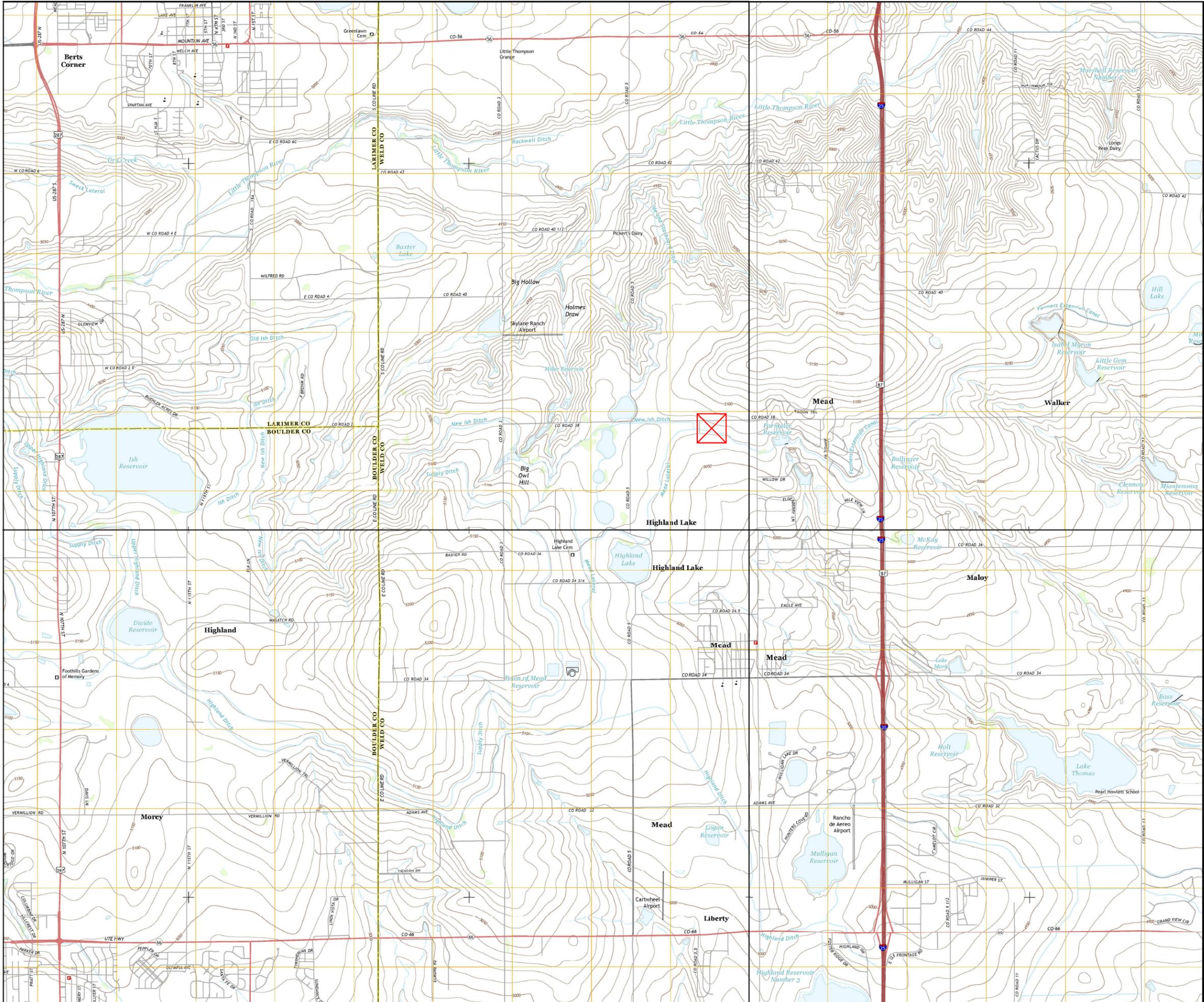
Figure 4: Groundwater Sample Location Map (09/09/14)

Figure 4A: Groundwater Sample Location Map (12/10/15)

Figure 4B: Groundwater Sample Location Map (03/05/15 & 03/31/15)

Figure 4C: Groundwater Sample Location Map (06/25/15)

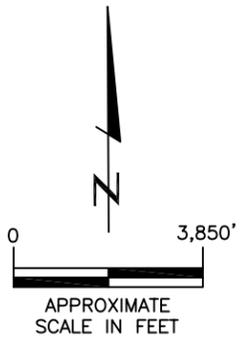
Figure 5: Groundwater Elevation Contour Map (06/25/15)



LEGEND

 APPROXIMATE SITE LOCATION

NOTE: TOPOGRAPHIC MAP OBTAINED FROM U.S. DEPARTMENT OF THE INTERIOR – U.S. GEOLOGICAL SURVEY, BERTHOUD, JOHNSTOWN, LONGMONT, AND GOWANDA QUADRANGLES, COLORADO – WELD CO., 7.5 MINUTE-SERIES.



SITE LOCATION MAP
 PEPLER FARMS NWNE
 NW 1/4 NE 1/4 SEC.4 T3N R68W 6PM
 LAT./LONG.: 40.26182/-105.00677
 WELD, COLORADO

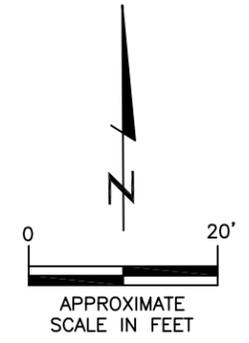
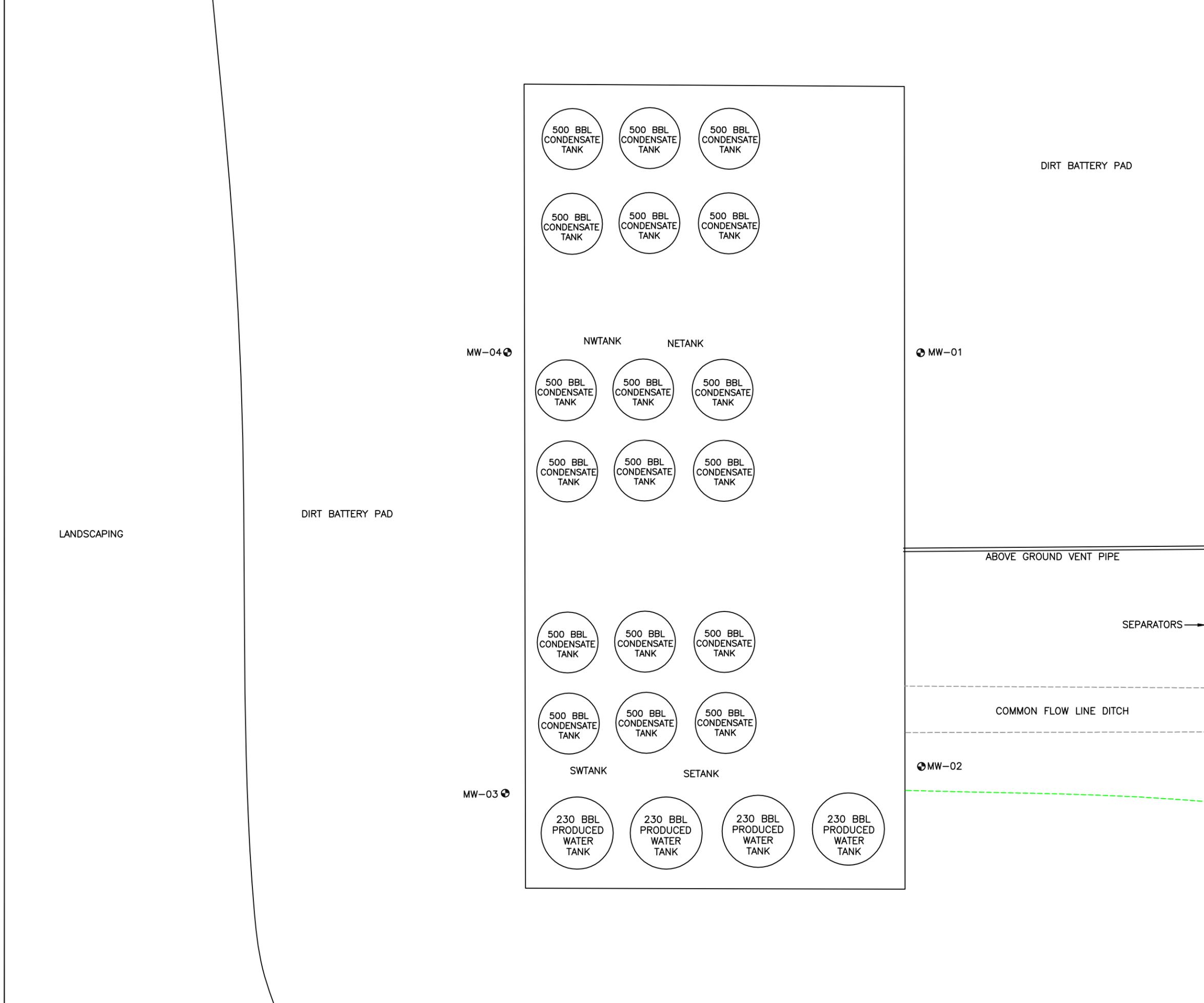
DATE:
 08/07/15

FIG. NO. 1
 DRAWN BY: DC



LEGEND

-  APPROXIMATE MONITORING WELL LOCATION
-  APPROXIMATE COMMON FLOW LINE DITCH LOCATION
-  APPROXIMATE GAS LINE LOCATION



SITE MAP
PEPLER FARMS NWNE
NW 1/4 NE 1/4 SEC.4 T3N R68W 6PM
LAT./LONG.: 40.26182/-105.00677
WELD, COLORADO

DATE:	08/07/15
FIG. NO.	2
DRAWN BY:	DC



LEGEND

-  APPROXIMATE MONITORING WELL LOCATION
-  APPROXIMATE COMMON FLOW LINE DITCH LOCATION
-  APPROXIMATE GAS LINE LOCATION
-  PROPOSED MONITORING WELL LOCATION

PARAMETERS

SAMPLE LOCATION
 DATE
 SAMPLE DEPTH (FEET)
 B = BENZENE (mg/kg)
 T = TOLUENE (mg/kg)
 E = ETHYLBENZENE (mg/kg)
 X = TOTAL XYLENES (mg/kg)
 G = TPH-GRO (mg/kg)
 D = TPH-DRO (mg/kg)

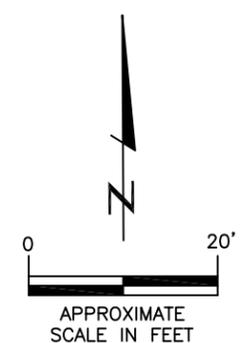
mg/kg = MILLIGRAMS PER KILOGRAM
 TPH = TOTAL PETROLEUM HYDROCARBON
 GRO = GASOLINE RANGE ORGANICS
 DRO = DIESEL RANGE ORGANICS
 N/A = NOT AVAILABLE

NOTE: VALUES PRESENTED IN **BOLD** TYPEFACE EXCEED THE COGCC CONCENTRATION LEVELS PRESENTED IN TABLE 910-1.

COGCC = COLORADO OIL AND GAS CONSERVATION COMMISSION.

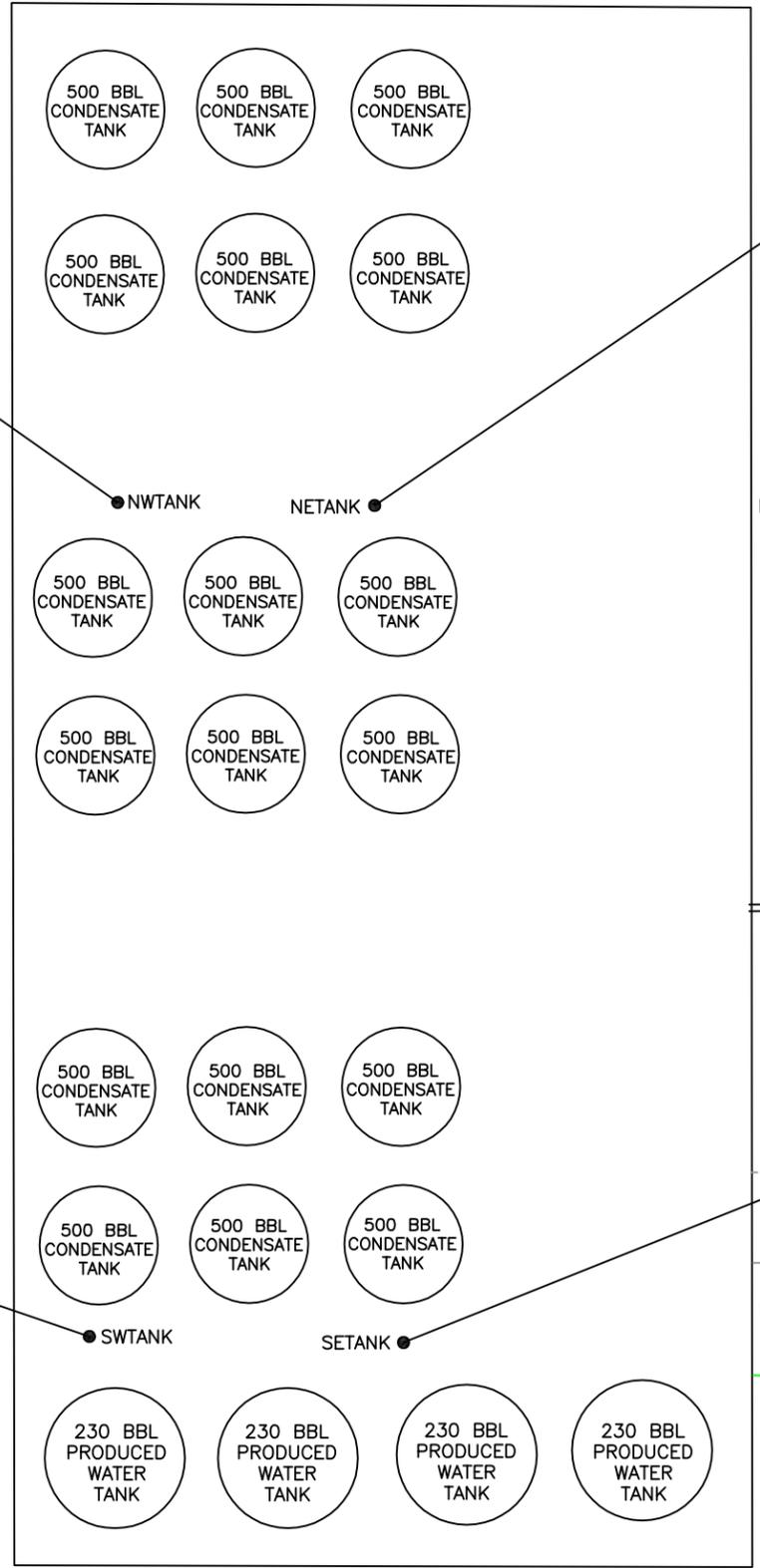
VALUES PRESENTED WITH A LESS THAN SYMBOL (<) INDICATE CONCENTRATIONS WERE NOT OBSERVED AT OR ABOVE THE LABORATORY REPORTING LIMIT.

NOTE: GRAB SOIL SAMPLES NWTANK, NETANK, SWTANK, AND SETANK WERE COLLECTED FROM BENEATH THE LINER.



SOIL SAMPLE LOCATION MAP
 PEPPLER FARMS NWNE
 NW 1/4 NE 1/4 SEC.4 T3N R68W 6PM
 LAT./LONG.: 40.26182/-105.00677
 WELD, COLORADO

DATE:
 08/07/15
 FIG. NO. 3
 DRAWN BY: DC



NWTANK
 08/20/14
 N/A
 B = 0.026
 T = <0.12
 E = 0.060
 X = 0.23
 G = 22
 D = 22

MW-04
 08/27/14
 5-7.5'
 B = <0.0025
 T = <0.025
 E = <0.0025
 X = <0.0075
 G = <0.50
 D = <4.0

SWTANK
 08/20/14
 N/A
 B = 0.13
 T = <1.2
 E = 0.64
 X = 16
 G = 320
 D = **1,000**

MW-03
 08/27/14
 5-7.5'
 B = <0.0025
 T = <0.025
 E = <0.0025
 X = <0.0075
 G = <0.50
 D = <4.0

NETANK
 08/20/14
 N/A
 B = **0.87**
 T = 4.0
 E = 2.2
 X = 20
 G = **460**
 D = **320**

MW-01
 08/27/14
 7.5-10'
 B = <0.0025
 T = <0.025
 E = <0.0025
 X = <0.0075
 G = <0.50
 D = <4.0

SETANK
 08/20/14
 N/A
 B = 0.061
 T = 0.51
 E = 0.66
 X = 16
 G = 330
 D = **2,400**

MW-02
 08/27/14
 5-7.5'
 B = <0.0025
 T = <0.025
 E = <0.0025
 X = <0.0075
 G = <0.50
 D = <4.0

LANDSCAPING

DIRT BATTERY PAD

DIRT BATTERY PAD

SEPARATORS

COMMON FLOW LINE DITCH

ABOVE GROUND VENT PIPE

LEGEND

- ⊙ APPROXIMATE MONITORING WELL LOCATION
- APPROXIMATE COMMON FLOW LINE DITCH LOCATION
- APPROXIMATE GAS LINE LOCATION

PARAMETERS

SAMPLE LOCATION
 B = BENZENE (ug/L)
 T = TOLUENE (ug/L)
 E = ETHYLBENZENE (ug/L)
 X = TOTAL XYLENES (ug/L)

ug/L = MICROGRAMS PER LITER

NOTE: VALUES PRESENTED IN **BOLD** TYPEFACE EXCEED THE COGCC TABLE 910-1 REGULATORY LIMITS FOR THAT COMPOUND.

COGCC = COLORADO OIL AND GAS CONSERVATION COMMISSION

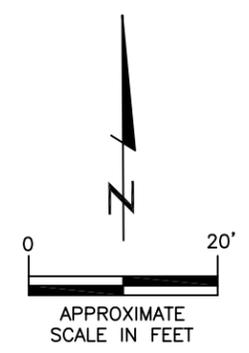
VALUES PRESENTED WITH A LESS THAN SYMBOL (<) INDICATE CONCENTRATIONS WERE NOT OBSERVED AT THE LABORATORY REPORTING LIMIT.

MW-04
 B = <1.0
 T = <5.0
 E = <1.0
 X = <3.0

MW-01
 B = <1.0
 T = <5.0
 E = <1.0
 X = <3.0

MW-03
 B = <1.0
 T = <5.0
 E = <1.0
 X = <3.0

MW-02
 B = <1.0
 T = <5.0
 E = <1.0
 X = <3.0

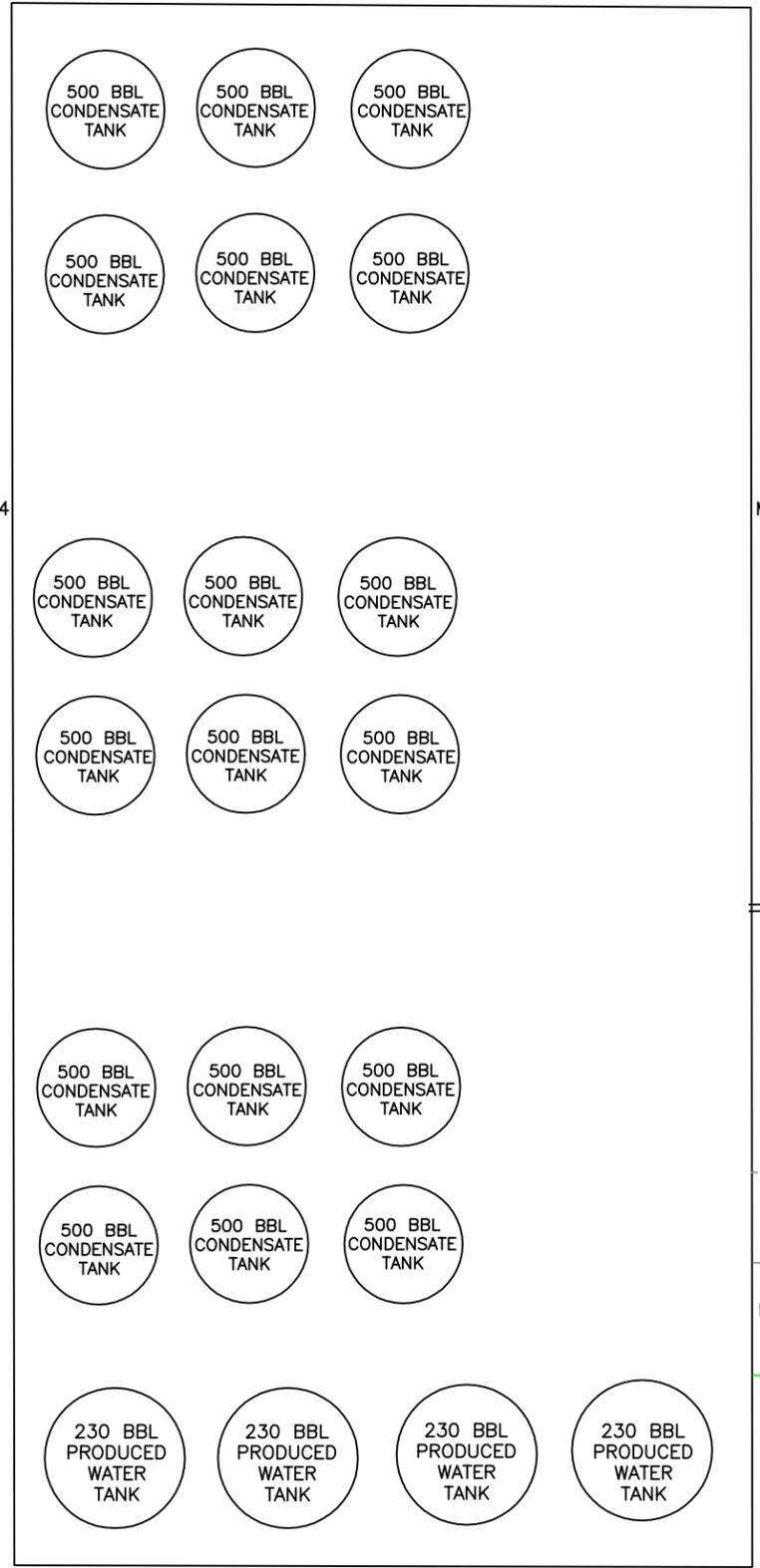


GROUNDWATER SAMPLE LOCATION MAP
 (09/09/14)
 PEPLER FARMS NWNE
 NW 1/4 NE 1/4 SEC.4 T3N R68W 6PM
 LAT./LONG.: 40.26182/-105.00677
 WELD, COLORADO

DATE:
 10/15/14

FIG. NO. **4**

DRAWN BY:
 DC



LANDSCAPING

DIRT BATTERY PAD

DIRT BATTERY PAD

MW-04

MW-01

MW-03

MW-02

SEPARATORS →

COMMON FLOW LINE DITCH

ABOVE GROUND VENT PIPE

LEGEND

- ⊕ APPROXIMATE MONITORING WELL LOCATION
- APPROXIMATE COMMON FLOW LINE DITCH LOCATION
- APPROXIMATE GAS LINE LOCATION

PARAMETERS

SAMPLE LOCATION
 B = BENZENE (ug/L)
 T = TOLUENE (ug/L)
 E = ETHYLBENZENE (ug/L)
 X = TOTAL XYLENES (ug/L)

ug/L = MICROGRAMS PER LITER

NOTE: VALUES PRESENTED IN **BOLD** TYPEFACE EXCEED THE COGCC TABLE 910-1 REGULATORY LIMITS FOR THAT COMPOUND.

COGCC = COLORADO OIL AND GAS CONSERVATION COMMISSION

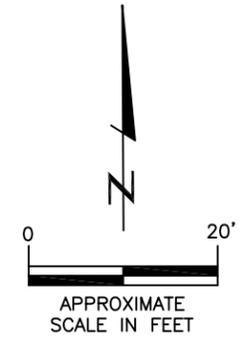
VALUES PRESENTED WITH A LESS THAN SYMBOL (<) INDICATE CONCENTRATIONS WERE NOT OBSERVED AT THE LABORATORY REPORTING LIMIT.

MW-04
 B = <1.0
 T = <5.0
 E = <1.0
 X = <3.0

MW-01
 B = <1.0
 T = <5.0
 E = <1.0
 X = <3.0

MW-02
 B = <1.0
 T = <5.0
 E = <1.0
 X = <3.0

MW-03
 (DRY)

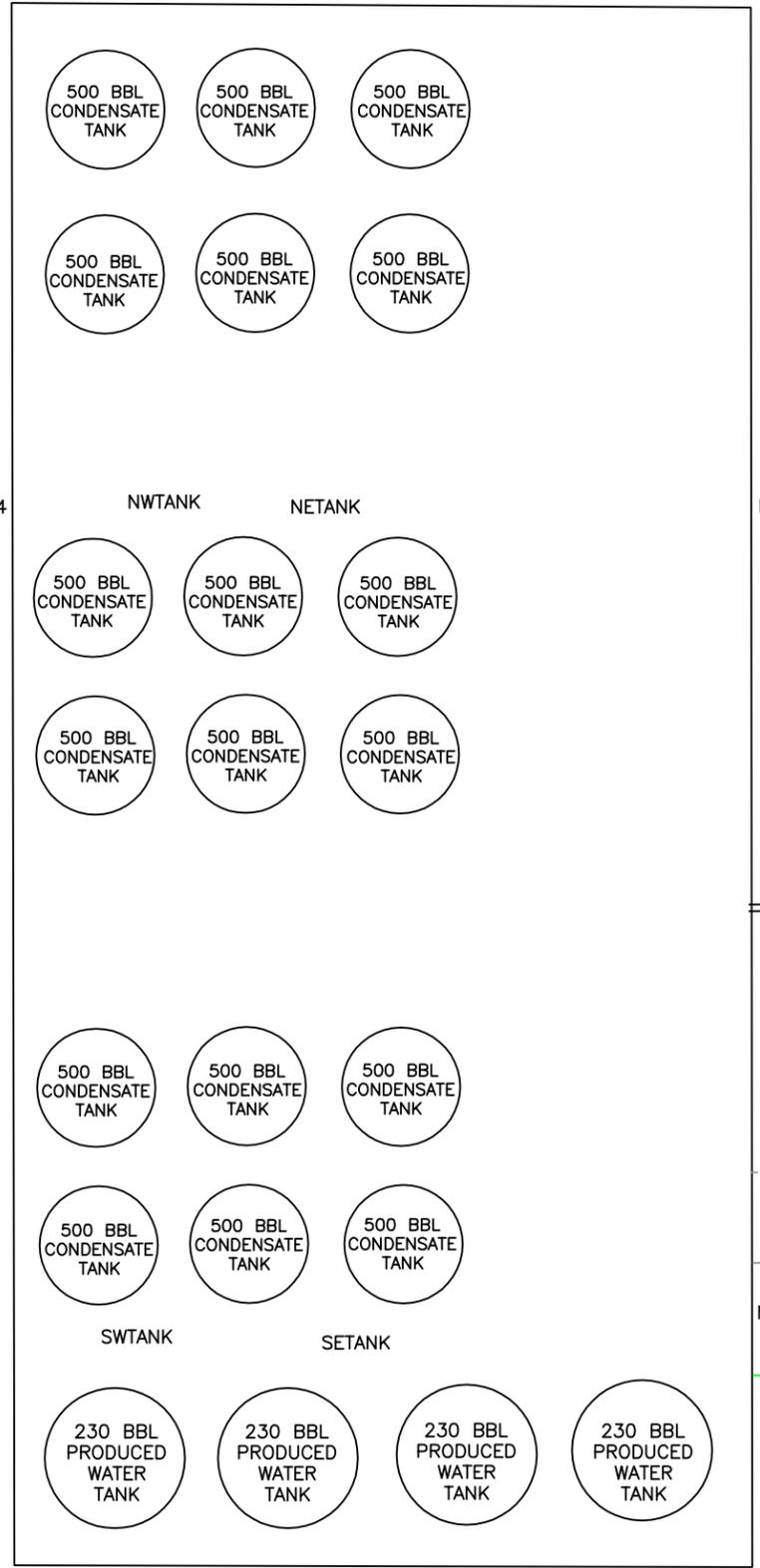


GROUNDWATER SAMPLE LOCATION MAP
 (12/10/14)
 PEPLER FARMS NWNE
 NW 1/4 NE 1/4 SEC.4 T3N R68W 6PM
 LAT./LONG.: 40.26182/-105.00677
 WELD, COLORADO

DATE:
 02/16/14

FIG. NO. **4A**

DRAWN BY:
 DC



LANDSCAPING

DIRT BATTERY PAD

DIRT BATTERY PAD

LEGEND

-  APPROXIMATE MONITORING WELL LOCATION
-  APPROXIMATE COMMON FLOW LINE DITCH LOCATION
-  APPROXIMATE GAS LINE LOCATION

PARAMETERS

SAMPLE LOCATION
 B = BENZENE (ug/L)
 T = TOLUENE (ug/L)
 E = ETHYLBENZENE (ug/L)
 X = TOTAL XYLENES (ug/L)

ug/L = MICROGRAMS PER LITER

NOTE: VALUES PRESENTED IN **BOLD** TYPEFACE EXCEED THE COGCC TABLE 910-1 REGULATORY LIMITS FOR THAT COMPOUND.

COGCC = COLORADO OIL AND GAS CONSERVATION COMMISSION

VALUES PRESENTED WITH A LESS THAN SYMBOL (<) INDICATE CONCENTRATIONS WERE NOT OBSERVED AT THE LABORATORY REPORTING LIMIT.

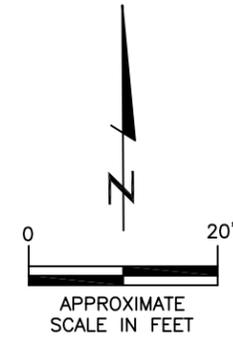
NOTE: MONITORING WELLS MW-01 AND MW-01 WERE SAMPLED ON 03/05/15 AND MONITORING WELL MW-04 WAS SAMPLED ON 03/31/15.

MW-04
 B = <1.0
 T = <5.0
 E = <1.0
 X = <3.0

MW-01
 B = <1.0
 T = <5.0
 E = <1.0
 X = <3.0

MW-02
 B = <1.0
 T = <5.0
 E = <1.0
 X = <3.0

MW-03
 (DRY)

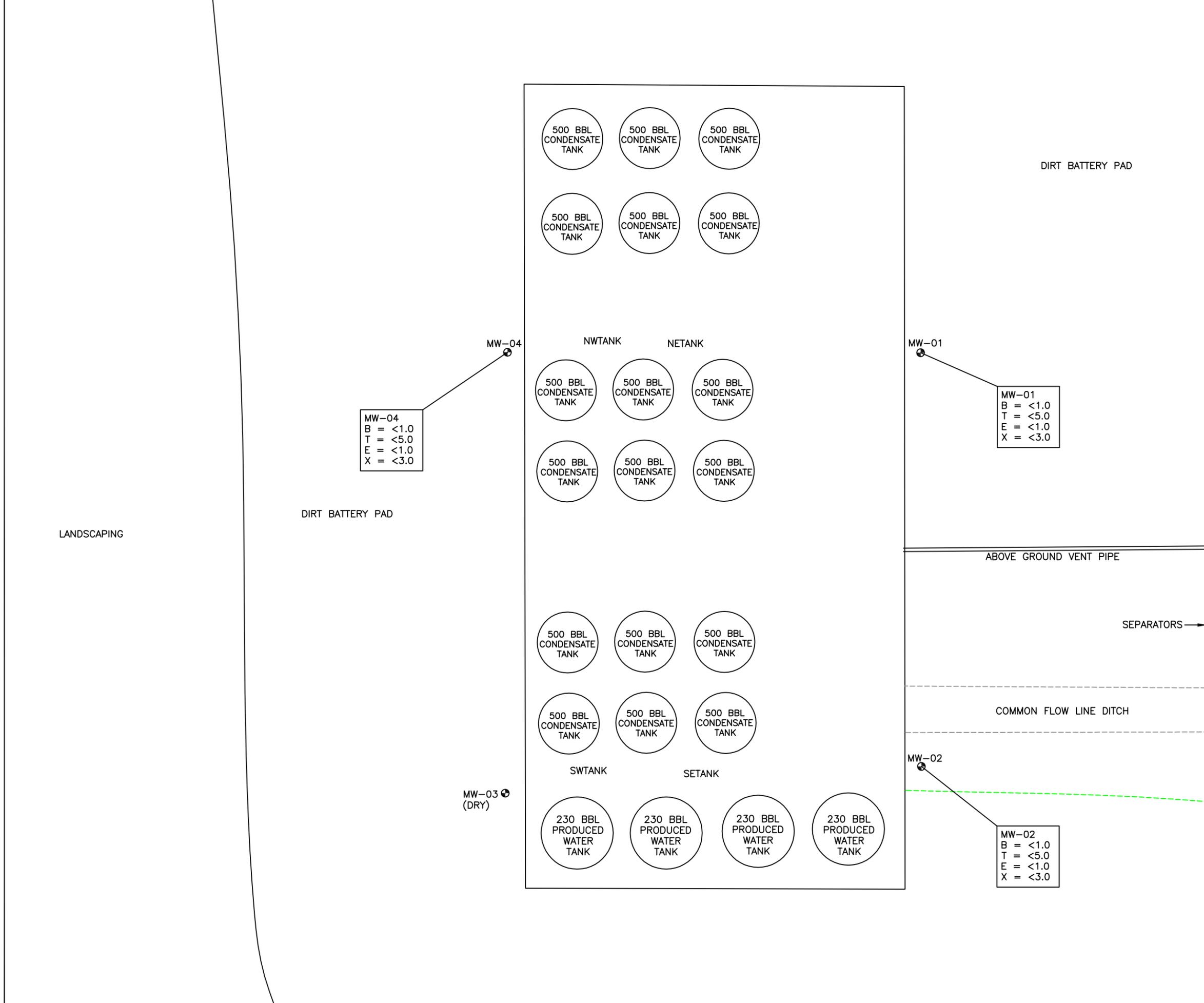


GROUNDWATER SAMPLE LOCATION MAP
 (03/05/15 & 03/31/15)
 PEPLER FARMS NWNE
 NW 1/4 NE 1/4 SEC.4 T3N R68W 6PM
 LAT./LONG.: 40.26182/-105.00677
 WELD, COLORADO

DATE:
 05/07/15

FIG. NO. **4B**

DRAWN BY:
 DC



LEGEND

- ⊕ APPROXIMATE MONITORING WELL LOCATION
- APPROXIMATE COMMON FLOW LINE DITCH LOCATION
- APPROXIMATE GAS LINE LOCATION

PARAMETERS

SAMPLE LOCATION
 B = BENZENE (ug/L)
 T = TOLUENE (ug/L)
 E = ETHYLBENZENE (ug/L)
 X = TOTAL XYLENES (ug/L)

ug/L = MICROGRAMS PER LITER

NOTE: VALUES PRESENTED IN **BOLD** TYPEFACE EXCEED THE COGCC TABLE 910-1 REGULATORY LIMITS FOR THAT COMPOUND.

COGCC = COLORADO OIL AND GAS CONSERVATION COMMISSION

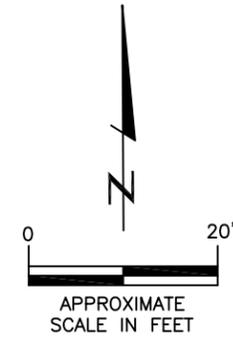
VALUES PRESENTED WITH A LESS THAN SYMBOL (<) INDICATE CONCENTRATIONS WERE NOT OBSERVED AT THE LABORATORY REPORTING LIMIT.

MW-04
 B = <1.0
 T = <5.0
 E = <1.0
 X = <3.0

MW-01
 B = <1.0
 T = <5.0
 E = <1.0
 X = <3.0

MW-03
 B = <1.0
 T = <5.0
 E = <1.0
 X = <3.0

MW-02
 B = 1.7
 T = <5.0
 E = <1.0
 X = <3.0

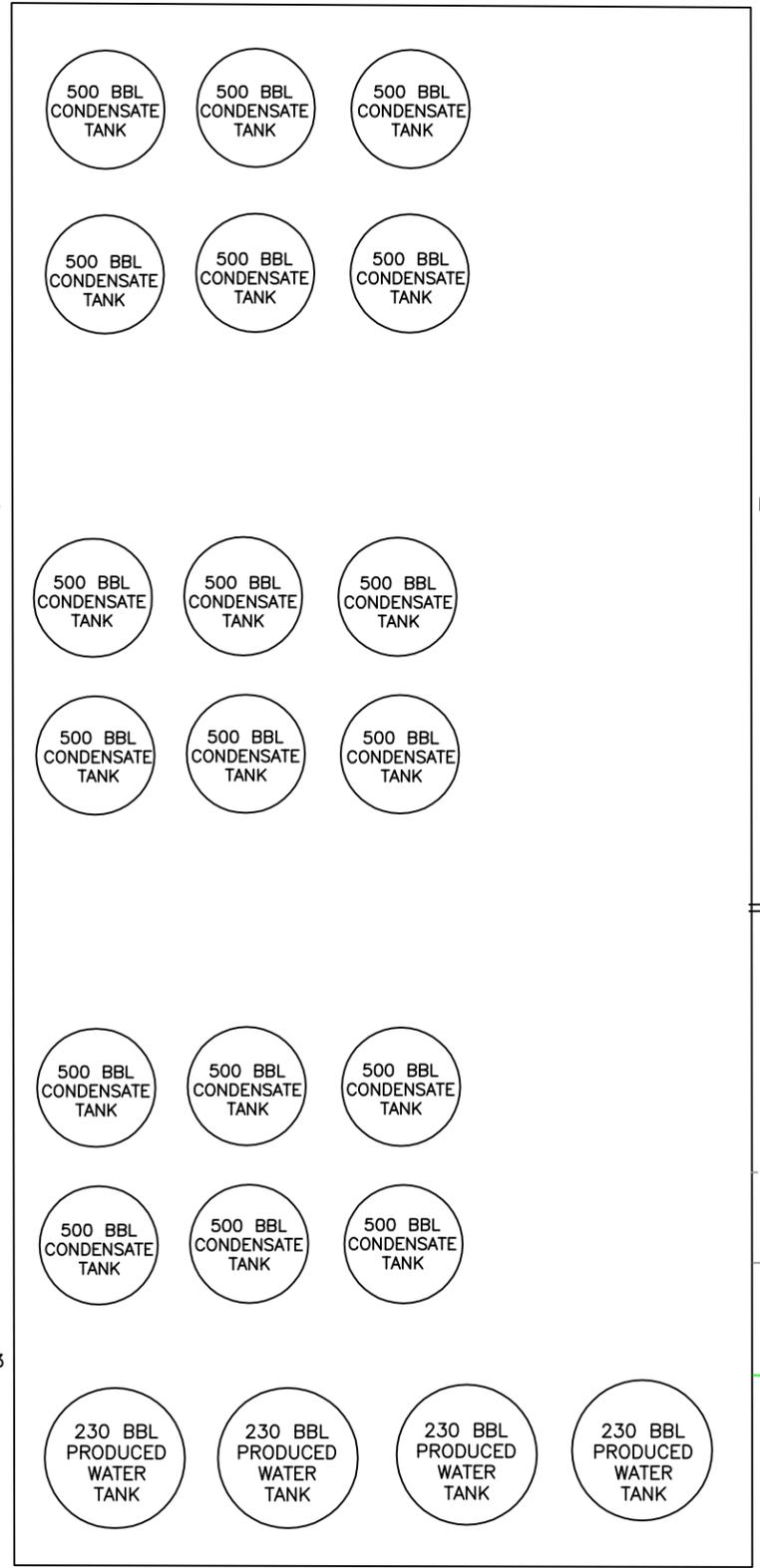


GROUNDWATER SAMPLE LOCATION MAP
 (06/25/15)
 PEPLER FARMS NWNE
 NW 1/4 NE 1/4 SEC.4 T3N R68W 6PM
 LAT./LONG.: 40.26182/-105.00677
 WELD, COLORADO

DATE:
08/07/15

FIG. NO. **4C**

DRAWN BY:
DC



DIRT BATTERY PAD

DIRT BATTERY PAD

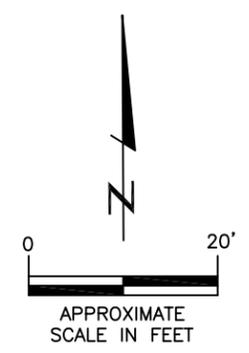
LANDSCAPING

ABOVE GROUND VENT PIPE

SEPARATORS →

COMMON FLOW LINE DITCH

- LEGEND**
-  APPROXIMATE MONITORING WELL LOCATION
 -  APPROXIMATE COMMON FLOW LINE DITCH LOCATION
 -  APPROXIMATE GAS LINE LOCATION
 - (89.69)** RELATIVE GROUNDWATER ELEVATION (FT.)
 -  INFERRED GROUNDWATER ELEVATION CONTOUR (FT.)
 -  APPROXIMATE GROUNDWATER FLOW DIRECTION
- FT. = FEET



GROUNDWATER ELEVATION MAP
 (06/25/15)
 PEPPLER FARMS NWNE
 NW 1/4 NE 1/4 SEC.4 T3N R68W 6PM
 LAT./LONG.: 40.26182/-105.00677
 WELD, COLORADO

DATE:	08/07/15
FIG. NO.	5
DRAWN BY:	DC



TABLES

Table 1: Soil Analytical Results Summary

Table 1A: Soil Analytical Results Summary – Semi Volatile Organics

Table 1B: Soil Analytical Results Summary – Metals and Inorganics

Table 2: Groundwater Elevation and Parameter Summary

Table 3: Groundwater Analytical Results Summary

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
PEPLER FARMS NWN
NW 1/4 NE 1/4 SEC.4 T3N R68W 6PM
LAT/LONG: 40.26182/-105.00677
WELD COUNTY, COLORADO

Sample Location (Latitude/Longitude)	Date Sample Collected	Approximate Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)
COGCC Table 910-1 Regulatory Limit (mg/kg)			0.17	85	100	175	500	
NWTANK*	08/20/14	N/A	0.026	<0.12	0.060	0.23	22	22
NETANK*	08/20/14	N/A	0.87	4.0	2.2	20	460	320
SWTANK*	08/20/14	N/A	0.13	<1.2	0.64	16	320	1,000
SETANK*	08/20/14	N/A	0.061	0.51	0.66	16	330	2,400
MW-01 (40.261998275, -105.006057941)	08/27/14	7.5-10.0	<0.0025	<0.025	<0.0025	<0.0075	<0.50	<4.0
MW-02 (40.261762371, -105.006068373)	08/27/14	5.0-7.5	<0.0025	<0.025	<0.0025	<0.0075	<0.50	<4.0
MW-03 (40.261751015, -105.006416526)	08/27/14	5.0-7.5	<0.0025	<0.025	<0.0025	<0.0075	<0.50	<4.0
MW-04 (40.261999862, -105.006407025)	08/27/14	5.0-7.5	<0.0025	<0.025	<0.0025	<0.0075	<0.50	<4.0

COGCC = Colorado Oil and Gas Conservation Commission

mg/kg = milligrams per kilogram

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

< = indicates result is less than the stated laboratory reporting limit

Note: Values presented in bold typeface exceed their respective COGCC Table 910-1 Regulatory Limit.

* = Grab soil sample collected from beneath the liner.

TABLE 1A
SOIL ANALYTICAL RESULTS SUMMARY - SEMI VOLATILE ORGANICS
PEPLER FARMS NWNE
NW 1/4 NE 1/4 SEC.4 T3N R68W 6PM
LAT/LONG: 40.26182/-105.00677
WELD COUNTY, COLORADO

Sample Location	Date	Approximate Depth (feet)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo(A) anthracene (mg/kg)	Benzo(B) fluoranthene (mg/kg)	Benzo(k) fluoranthene (mg/kg)	Benzo(A) pyrene (mg/kg)	Chrysene (mg/kg)	Dibenzo(A,H) anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno(1,2,3,C,D) pyrene (mg/kg)	Naphthalene (mg/kg)	Pyrene (mg/kg)
COGCC Table 910-1 Regulatory Limit (mg/kg)			1,000	1,000	0.22	0.22	2.2	0.022	22	0.022	1,000	1,000	0.22	23	1,000
MW-02	08/27/14	5.0-7.5	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.020	<0.0060

COGCC = Colorado Oil and Gas Conservation Commission

mg/kg = milligrams per kilogram

< = indicates result is less than the stated laboratory reporting limit

Note: Values presented in bold typeface exceed their respective COGCC Table 910-1 Regulatory Limit.

TABLE 1B
SOIL ANALYTICAL RESULTS SUMMARY - METALS AND INORGANICS
PEPLER FARMS NWNE
NW 1/4 NE 1/4 SEC.4 T3N R68W 6PM
LAT/LONG: 40.26182/-105.00677
WELD COUNTY, COLORADO

Sample Location (Latitude/Longitude)	Date	Depth (feet)	Metals											Inorganics			
			Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (III) (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)	Electrical Conductivity (EC)	Sodium Adsorption Ratio (SAR)	pH
COGCC Table 910-1 Regulatory Limit (mg/kg)			0.39	15,000	70	120,000	23	3,100	400	23	1,600	390	390	23,000	<4mmhos/cm or 2x background	<12^5	6-9
MW-02 (40.261762371, -105.006068373)	08/27/14	5.0-7.5	6.6	260	<0.50	19	<2.0	12	8.8	<0.020	15	<2.0	<1.0	43	0.800	1.1	8.4

COGCC = Colorado Oil and Gas Conservation Commission

mg/kg = milligrams per kilogram

mmhos/cm = millimhos per centimeter

< = indicates result is less than the stated laboratory reporting limit

Note: Values presented in bold typeface exceed their respective COGCC Table 910-1 Regulatory Limit.

* Arsenic is naturally occurring in some geologic environments within Colorado due to the weathering and erosion of bedrock and soil. The Colorado Department of Public Health and Environment (CDPHE) developed a Risk Management Guidance Document for

TABLE 2
GROUNDWATER ELEVATION AND PARAMETER SUMMARY
PEPLER FARMS NWNE
NW 1/4 NE 1/4 SEC.4 T3N R68W 6PM
LAT/LONG: 40.26182/-105.00677
WELD COUNTY, COLORADO

Sample Location	Date	Depth to Groundwater (feet)	TOC Elevation (feet)	Relative Groundwater Elevation (feet)	Dissolved Oxygen (mg/L)	Temperature (°C)	pH	Specific Conductance (µS/cm)	ORP (mV)
MW-01	09/09/14	6.39	98.54	92.15	1.05	15.2	7.32	4,912	-26.5
	12/10/14	7.71		90.83	1.29	13.0	7.47	3,442	72.4
	03/05/15	8.24		90.30	1.01	9.0	6.96	4,699	160.6
	06/25/15	6.43		92.11	0.88	11.8	6.99	4,996	163.4
MW-02	09/09/14	6.58	98.00	91.42	0.51	17.42	7.27	4,901	-29.3
	12/10/14	8.02		89.98	0.76	15.1	7.30	3,822	74.2
	03/31/15	8.51		89.49	1.25	11.56	6.85	5,633	154.5
	06/25/15	6.81		91.19	1.07	8.6	6.88	4,970	150.2
MW-03	09/09/14	7.45	97.79	90.34	DRY*	DRY*	DRY*	DRY*	DRY*
	12/10/14	DRY		DRY	DRY	DRY	DRY	DRY	DRY
	03/05/15	DRY		DRY	DRY	DRY	DRY	DRY	DRY
	06/25/15	7.22		90.57	DRY*	DRY*	DRY*	DRY*	DRY*
MW-04	09/09/14	6.55	98.41	91.86	1.70	15.45	7.42	3,806	-32.5
	12/10/14	7.73		90.68	0.88	12.0	7.43	2,674	75.6
	03/31/15	8.21		90.20	0.49	10.7	7.44	3,272	-51.9
	06/25/15	6.33		92.08	0.61	12.0	7.24	3,472	-41.1

NA = Not available

TOC = Top of Casing

mg/L = milligrams per liter

°C = degrees Celcius

µS/cm - microSiemens per centimeter

mV = millivolts

ORP = oxidation reduction potential

* = Groundwater sample collected, but not enough groundwater to collect parameters.

TABLE 3
GROUNDWATER ANALYTICAL RESULTS SUMMARY
PEPPLER FARMS NWNE
NW 1/4 NE 1/4 SEC.4 T3N R68W 6PM
LAT/LONG: 40.26182/-105.00677
WELD COUNTY, COLORADO

Sample Location (Latitude/Longitude)	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
COGCC Table 910-1 Regulatory Limits (µg/L)		5	560	700	1,400
MW-01 (40.261998275, -105.006057941)	09/09/14	<1.0	<5.0	<1.0	<3.0
	12/10/14	<1.0	<5.0	<1.0	<3.0
	03/05/15	<1.0	<5.0	<1.0	<3.0
	06/25/15	<1.0	<5.0	<1.0	<3.0
MW-02 (40.261762371, -105.006068373)	09/09/14	<1.0	<5.0	<1.0	<3.0
	12/10/14	<1.0	<5.0	<1.0	<3.0
	03/05/15	<1.0	<5.0	<1.0	<3.0
	06/25/15	1.7	<5.0	<1.0	<3.0
MW-03 (40.261751015, -105.006416526)	09/09/14	<1.0	<5.0	<1.0	<3.0
	12/10/14	DRY	DRY	DRY	DRY
	03/05/15	DRY	DRY	DRY	DRY
	06/25/15	<1.0	<5.0	<1.0	<3.0
MW-04 (40.261999862, -105.006407025)	09/09/14	<1.0	<5.0	<1.0	<3.0
	12/10/14	<1.0	<5.0	<1.0	<3.0
	03/31/15	<1.0	<5.0	<1.0	<3.0
	06/25/15	<1.0	<5.0	<1.0	<3.0

COGCC = Colorado Oil and Gas Conservation Commission

µg/L = micrograms per liter

< = indicates result is less than the stated laboratory reporting limit

Values presented in bold typeface exceed their respective COGCC Table 910-1 Regulatory Limit.

ATTACHMENT A

Soil Boring/Monitoring Well Completion Diagrams

Boring Log/Well Completion Diagram: MW-01

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	0-5 - Potholed 0-3 - Hard, compacted soil from construction of pad area									
5	5-15 silty CLAY - light brown, soft, high plasticity, well sorted with 25-30% silt, moist, N/O, N/S. @6 - Wet.	CL	GP	1	70	0.0	N/A			
10				2	70	0.4	N/A			
15		GP	90	3	90	0.3	N/A			
20				4	90	0.0	N/A			
15	BoB @ 15'									

HC - Hydrocarbon
 BoB - Bottom of Boring
 N/O - no odor
 N/S - no staining
 TOC - top of casing
 bgs - below ground surface

START/COMPLETION DATE: 08/27/2014		SAND PACK INTERVAL (FEET): 2.5-13	
PROJECT: PEPPLER FARMS		BENTONITE/GROUT INTERVAL (FEET): 1-2.5	
LOGGED BY: M. RIANDA		WELL SCREEN INTERVAL (FEET): 3-13	
DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE		WELL DIAMETER (INCHES): 2	
BORING DEPTH (FEET): 15	WELL DEPTH (FEET): 13	<p>EAGLE ENVIRONMENTAL CONSULTING, INC. 4101 INCA STREET, DENVER, CO 80211 Ph: 303-433-0479 • F: 303-325-5449</p>	
PID INSTRUMENT: MiniRAE 3000 PID #9			
TIME STARTED/COMPLETED: 1015/1145			
SAMPLE COLLECTION DEPTH (FEET)/TIME: 7.5-10/1035			

Boring Log/Well Completion Diagram: MW-02

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	0-5 - Potholed 0-3 - Hard, compacted soil from construction of pad area									
5	5-15 silty CLAY - light brown, soft, high plasticity, well sorted with 20-25% silt, moist, N/O, N/S. @6 - Wet.	CL	GP	1	80	2.1	N/A			
				2		1.3	N/A			
10				3	90	0.0	N/A			
				4		0.0	N/A			
15	BoB @ 15'									
20										
25										
30										

HC - Hydrocarbon
 BoB - Bottom of Boring
 N/O - no odor
 N/S - no staining
 TOC - top of casing
 bgs - below ground surface

START/COMPLETION DATE: 08/27/2014		SAND PACK INTERVAL (FEET): 2.5-13	
PROJECT: PEPPLER FARMS		BENTONITE/GROUT INTERVAL (FEET): 1-2.5	
LOGGED BY: M. RIANDA		WELL SCREEN INTERVAL (FEET): 3-13	
DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE		WELL DIAMETER (INCHES): 2	
BORING DEPTH (FEET): 15	WELL DEPTH (FEET): 13	<p>EAGLE ENVIRONMENTAL CONSULTING, INC. 4101 INCA STREET, DENVER, CO 80211 Ph: 303-433-0479 • F: 303-325-5449</p>	
PID INSTRUMENT: MiniRAE 3000 PID #9			
TIME STARTED/COMPLETED: 1210/1345			
SAMPLE COLLECTION DEPTH (FEET)/TIME: 5-7.5/1225			

Boring Log/Well Completion Diagram: MW-03

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	0-5 - Potholed 0-3 - Hard, compacted soil from construction of pad area									
5	5-10 silty CLAY - light brown, soft, high plasticity, well sorted with 25-30% silt, moist, N/O, N/S. @6.5 - Wet.	CL	GP	1	70	0.0	N/A			
10	@9.5 weathered CLAYSTONE - light brown, Fe stain, dry, N/O, N/S.			2		0.0	N/A			
10	BoB @ 10'									
15										
20										
25										
30										

HC - Hydrocarbon
BoB - Bottom of Boring
N/O - no odor
N/S - no staining
TOC - top of casing
bgs - below ground surface

START/COMPLETION DATE: 08/27/2014		SAND PACK INTERVAL (FEET): 2.5-8	
PROJECT: PEPPLER FARMS		BENTONITE/GROUT INTERVAL (FEET): 1-2.5	
LOGGED BY: M. RIANDA		WELL SCREEN INTERVAL (FEET): 3-8	
DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE		WELL DIAMETER (INCHES): 2	
BORING DEPTH (FEET): 10	WELL DEPTH (FEET): 8	 <p>EAGLE ENVIRONMENTAL CONSULTING, INC. 4101 INCA STREET, DENVER, CO 80211 Ph: 303-433-0479 • F: 303-325-5449</p>	
PID INSTRUMENT: MiniRAE 3000 PID #9			
TIME STARTED/COMPLETED: 1400/1500			
SAMPLE COLLECTION DEPTH (FEET)/TIME: 5-7.5/1435			

Boring Log/Well Completion Diagram: MW-04

DEPTH (FT)	LITHOLOGY	SAMPLE				OVM/OVA (PPM)	BLOW COUNT (per 0.5 FT)	DEPTH (FT)	WELL CONSTRUCTION DETAIL	COMMENTS
	DESCRIPTION	GRAPHIC LOG	TYPE	NUMBER	RECOVERY %					
0	0-5 - Potholed 0-3 - Hard, compacted road.								HC - Hydrocarbon BoB - Bottom of Boring N/O - no odor N/S - no staining TOC - top of casing bgs - below ground surface	
5	5-15 silty CLAY - light brown, soft, high plasticity, well sorted with 20-25% silt, moist, N/O, N/S. @6.5 - Wet.	CL	GP	1	75	0.0	N/A			
				2		0.0	N/A			
10	@11 weathered CLAYSTONE - gray, Fe stain, dry, N/O, N/S.		GP	3	80	0.0	N/A			
	BoB @ 13'									

START/COMPLETION DATE: 08/27/2014		SAND PACK INTERVAL (FEET): 2.5-13	
PROJECT: PEPPLER FARMS		BENTONITE/GROUT INTERVAL (FEET): 1-2.5	
LOGGED BY: M. RIANDA		WELL SCREEN INTERVAL (FEET): 3-13	
DRILLING COMPANY/EQUIPMENT: EAGLE/GEOPROBE		WELL DIAMETER (INCHES): 2	
BORING DEPTH (FEET): 13	WELL DEPTH (FEET): 13	 <div style="display: flex; flex-direction: column; align-items: center;"> <h2 style="margin: 0;">EAGLE</h2> <h3 style="margin: 0;">ENVIRONMENTAL CONSULTING, INC.</h3> <p style="font-size: small; margin: 0;">4101 INCA STREET, DENVER, CO 80211 Ph: 303-433-0479 • F: 303-325-5449</p> </div>	
PID INSTRUMENT: MiniRAE 3000 PID #9			
TIME STARTED/COMPLETED: 1505/1755			
SAMPLE COLLECTION DEPTH (FEET)/TIME: 5-7.5/1540			

ATTACHMENT B

Colorado Division of Water Resources Well Permits

RECEIVED

AUG 26 2014

WATER RESOURCES STATE ENGINEER COLO

GWS-51
3/2013

NOTICE OF INTENT TO CONSTRUCT MONITORING HOLE(S)

Please type or print legibly in black or blue ink or file online @ dwrpermitsonline@state.co.us
COLORADO DIVISION OF WATER RESOURCES-1313 SHERMAN ST-STE 821-DENVER-CO-80203
PHONE: 303-866-3581---FAX: 303-866-3589 WEB: www.water.state.co.us

Well Owner Name(s): Encana Oil and Gas (USA) Inc.
Address : 3601 Stagecoach Road, Longmont, CO 80504
Phone (area code & no.): 303-774-3900
Landowner's Name: Kent Peppler

Location: NW ¼ NE ¼, Section 4
Township 3 N S, Range 68 E W, 6 PM
County Weld
Subdivision: _____
Lot: _____ Block: _____ Filing Unit: _____
Site/Property Address Lat./Long.:
40.26182/-105.00677 ✓

Please check one and complete as indicated including contact info:

- Water Well Driller Licensed in Colorado – Lic. No. _____
- Professional Engineer Registered in Colorado – Reg. No. _____
- Professional Geologist per CRS 34-1-201(3)
- Other -anyone directly employed by or under the supervision of a licensed driller, registered professional engineer or professional geologist

Contact / Company Eagle Environmental Consulting
Address 4101 Inca Street
City, State & Zip Denver, CO 80211
Phone 303-433-0479 Fax 303-325-5449

GPS Location in UTM format (optional):
Set GPS unit to true north, datum NAD83, and use meters for the distance units, Zone 12 or Zone 13.
Easting _____ Northing _____
of Monitoring Hole(s) to be constructed: 4
Estimated Depth 15 Ft., Aquifer Type III
Purpose of Monitoring Hole(s) Groundwater monitoring

Print Name: Daniel Coloccia
Sign or enter full name here: Daniel Coloccia

Anticipated Date of Construction (mm/dd/yyyy) 08/31/2014
Date Notice Submitted (mm/dd/yyyy): 08/26/2014
(Must be at least 3 days prior to construction)

ACKNOWLEDGEMENT FROM STATE ENGINEER'S OFFICE FOR OFFICE USE ONLY

052837 - MH PROCESSED BY *Shannon Hanson*
Div. 1 WD 5 BAS _____ MD _____ DATE ACKNOWLEDGED 08-27-14

CONDITIONS OF MONITORING HOLE ACKNOWLEDGEMENT

A COPY OF THE WRITTEN NOTICE OR ACKNOWLEDGEMENT SHALL BE AVAILABLE AT THE DRILLING SITE.

- 1) Notice was provided to the State Engineer at least 3 days prior to construction of monitoring & observation hole(s).
- 2) Construction of the hole(s) must be completed within 90 days of the date notice was given to the State Engineer. Testing and/or pumping shall not exceed a total of 200 hours unless prior written approval is obtained from the State Engineer. Water diverted during testing shall not be used for beneficial purposes. The owner of the hole(s) is responsible for obtaining permit(s) and complying with all rules and regulations pertaining to the discharge of fluids produced during testing.
- 3) All work must comply with the Water Well Construction Rules, 2 CCR 402-2. Minimum construction standards must be met or a variance obtained. Standard permit application and work report forms, including online filing instructions, are found on the DWR website at <http://www.water.state.co.us>. Well Construction and Test Reports (GWS-31) must be completed for each hole drilled. The licensed contractor or authorized individual must submit the completed forms to this office within 60 days of monitoring hole completion.
- 4) Unless a well permit is obtained, or variance approved, the hole(s) must be plugged and sealed within one (1) year after construction. An Abandonment Report (form GWS-9) must be submitted within 60 days of plugging & sealing. The above MH acknowledgement number, owner's structure name, and owner's name and address must be provided on all well permit application(s), well construction and abandonment reports.
- 5) The owner of the hole(s) shall maintain records of water quality testing and submit this data to the State Engineer upon request.
- 6) A MONITORING HOLE CANNOT BE CONVERTED TO A PRODUCTION WATER WELL, except for purposes of remediation (recovery) or as a permanent dewatering system, if constructed in accordance with the Water Well Construction Rules and policies of the State Engineer.
- 7) IF HOLES WILL NOT BE CONSTRUCTED UNDER THIS NOTICE WITHIN 90 DAYS, PLEASE WRITE, "NO HOLES CONSTRUCTED" ON A COPY OF THE ACKNOWLEDGED NOTICE WITH THE FILE NUMBER AND FAX THE COPY TO THE DIVISION OF WATER RESOURCES.

THIS ACKNOWLEDGEMENT OF NOTICE DOES NOT INDICATE THAT WELL PERMIT(S) CAN BE APPROVED.

ATTACHMENT C

Laboratory Analytical Reports



12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

D Blake Ford
EnCana Oil & Gas - Longmont, CO
3601 Stagecoach Rd
Longmont, CO 80504

Report Summary

Tuesday August 26, 2014

Report Number: L717498

Samples Received: 08/22/14

Client Project: PEPPLER FARMS NWNE

Description: Peppler Farms NWNE Spill

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By: _____

Jarred Willis , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,
FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016,
NC - ENV375/DW21704/BIO041, ND - R-140, NJ - TN002, NJ NELAP - TN002,
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364, EPA - TN002

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Est. 1970

REPORT OF ANALYSIS

D Blake Ford
EnCana Oil & Gas - Longmont, CO
3601 Stagecoach Rd
Longmont, CO 80504

August 26, 2014

Date Received : August 22, 2014
Description : Pepler Farms NWNE Spill
Sample ID : PEPPLERFARMS-NWTANK-082014
Collected By : Blake Ford
Collection Date : 08/20/14 17:00

ESC Sample # : L717498-01
Site ID : PEPPLER FARMS NWNE
Project # : PEPPLER FARMS NWNE

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.026	0.012	mg/kg	8021	08/22/14	25
Toluene	BDL	0.12	mg/kg	8021	08/22/14	25
Ethylbenzene	0.060	0.012	mg/kg	8021	08/22/14	25
Total Xylene	0.23	0.038	mg/kg	8021	08/22/14	25
TPH (GC/FID) Low Fraction	22.	2.5	mg/kg	8015	08/22/14	25
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	93.4		% Rec.	8015	08/22/14	25
a,a,a-Trifluorotoluene(PID)	103.		% Rec.	8021	08/22/14	25
TPH (GC/FID) High Fraction	22.	20.	mg/kg	3546/DRO	08/24/14	5
Surrogate recovery(%)						
o-Terphenyl	54.9		% Rec.	3546/DRO	08/24/14	5

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:

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REPORT OF ANALYSIS

D Blake Ford
EnCana Oil & Gas - Longmont, CO
3601 Stagecoach Rd
Longmont, CO 80504

August 26, 2014

Date Received : August 22, 2014
Description : Pepler Farms NWNE Spill
Sample ID : PEPPLERFARMS-NETANK-082014
Collected By : Blake Ford
Collection Date : 08/20/14 17:04

ESC Sample # : L717498-02

Site ID : PEPPLER FARMS NWNE

Project # : PEPPLER FARMS NWNE

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.87	0.025	mg/kg	8021	08/25/14	50
Toluene	4.0	0.25	mg/kg	8021	08/25/14	50
Ethylbenzene	2.2	0.025	mg/kg	8021	08/25/14	50
Total Xylene	20.	0.075	mg/kg	8021	08/25/14	50
TPH (GC/FID) Low Fraction	460	5.0	mg/kg	8015	08/25/14	50
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	94.4		% Rec.	8015	08/25/14	50
a,a,a-Trifluorotoluene(PID)	98.7		% Rec.	8021	08/25/14	50
TPH (GC/FID) High Fraction	320	4.0	mg/kg	3546/DRO	08/24/14	1
Surrogate recovery(%)						
o-Terphenyl	64.3		% Rec.	3546/DRO	08/24/14	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

D Blake Ford
 EnCana Oil & Gas - Longmont, CO
 3601 Stagecoach Rd
 Longmont, CO 80504

August 26, 2014

Date Received : August 22, 2014
 Description : Pepler Farms NWNE Spill
 Sample ID : PEPPLERFARMS-SETANK-082014
 Collected By : Blake Ford
 Collection Date : 08/20/14 17:08

ESC Sample # : L717498-04
 Site ID : PEPPLER FARMS NWNE
 Project # : PEPPLER FARMS NWNE

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.061	0.025	mg/kg	8021	08/25/14	50
Toluene	0.51	0.25	mg/kg	8021	08/25/14	50
Ethylbenzene	0.66	0.025	mg/kg	8021	08/25/14	50
Total Xylene	16.	0.075	mg/kg	8021	08/25/14	50
TPH (GC/FID) Low Fraction	330	5.0	mg/kg	8015	08/25/14	50
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	101.		% Rec.	8015	08/25/14	50
a,a,a-Trifluorotoluene(PID)	102.		% Rec.	8021	08/25/14	50
TPH (GC/FID) High Fraction	2400	40.	mg/kg	3546/DRO	08/24/14	10
Surrogate recovery(%)						
o-Terphenyl	71.2		% Rec.	3546/DRO	08/24/14	10

BDL - Below Detection Limit
 Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

D Blake Ford
 EnCana Oil & Gas - Longmont, CO
 3601 Stagecoach Rd
 Longmont, CO 80504

August 26, 2014

Date Received : August 22, 2014
 Description : Pepler Farms NWNE Spill
 Sample ID : PEPPLERFARMS-SWTANK-082014
 Collected By : Blake Ford
 Collection Date : 08/20/14 17:10

ESC Sample # : L717498-05
 Site ID : PEPPLER FARMS NWNE
 Project # : PEPPLER FARMS NWNE

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.13	0.12	mg/kg	8021	08/24/14	250
Toluene	BDL	1.2	mg/kg	8021	08/24/14	250
Ethylbenzene	0.64	0.12	mg/kg	8021	08/24/14	250
Total Xylene	16.	0.38	mg/kg	8021	08/24/14	250
TPH (GC/FID) Low Fraction	320	25.	mg/kg	8015	08/24/14	250
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	101.		% Rec.	8015	08/24/14	250
a,a,a-Trifluorotoluene(PID)	102.		% Rec.	8021	08/24/14	250
TPH (GC/FID) High Fraction	1000	80.	mg/kg	3546/DRO	08/24/14	20
Surrogate recovery(%)						
o-Terphenyl	0.00		% Rec.	3546/DRO	08/24/14	20

BDL - Below Detection Limit
 Det. Limit - Practical Quantitation Limit(PQL)
 Note:
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Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L717498-05	WG738916	SAMP	o-Terphenyl	R2980621	J7



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Blake Ford / Martin Eckert III
EnCana Oil & Gas - Longmont, CO
3601 Stagecoach Rd
Longmont, CO 80504

Report Summary

Monday October 13, 2014

Report Number: L718934

Samples Received: 08/29/14

Client Project:

Description: Peppler Farms

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Entire Report Reviewed By:


Jared Willis, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,
FL - E87487, GA - 923, IN - C-IN-01, KY - 90010, KYUST - 0016,
NC - ENV375/DW21704/BIO041, ND - R-140, NJ - TN002, NJ NELAP - TN002,
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,
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REPORT OF ANALYSIS

Blake Ford / Martin Eckert III
EnCana Oil & Gas - Longmont, CO
3601 Stagecoach Rd
Longmont, CO 80504

October 13, 2014

Date Received : August 29, 2014
Description : Pepler Farms
Sample ID : PEPPLER FARM-MW-01-082714 7.5-10 FT
Collected By : Matt R
Collection Date : 08/27/14 10:35

ESC Sample # : L718934-01
Site ID :
Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.0025	mg/kg	8021	08/31/14	5
Toluene	BDL	0.025	mg/kg	8021	08/31/14	5
Ethylbenzene	BDL	0.0025	mg/kg	8021	08/31/14	5
Total Xylene	BDL	0.0075	mg/kg	8021	08/31/14	5
TPH (GC/FID) Low Fraction	BDL	0.50	mg/kg	8015	08/31/14	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	96.5		% Rec.	8015	08/31/14	5
a,a,a-Trifluorotoluene(PID)	101.		% Rec.	8021	08/31/14	5
TPH (GC/FID) High Fraction	BDL	4.0	mg/kg	3546/DRO	09/03/14	1
Surrogate recovery(%)						
o-Terphenyl	76.5		% Rec.	3546/DRO	09/03/14	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

Blake Ford / Martin Eckert III
 EnCana Oil & Gas - Longmont, CO
 3601 Stagecoach Rd
 Longmont, CO 80504

October 13, 2014

Date Received : August 29, 2014
 Description : Pepler Farms
 Sample ID : PEPPLER FARM-MW-02-082714 5-7.5 FT
 Collected By : Matt R
 Collection Date : 08/27/14 12:25

ESC Sample # : L718934-02

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.0025	mg/kg	8021	08/31/14	5
Toluene	BDL	0.025	mg/kg	8021	08/31/14	5
Ethylbenzene	BDL	0.0025	mg/kg	8021	08/31/14	5
Total Xylene	BDL	0.0075	mg/kg	8021	08/31/14	5
TPH (GC/FID) Low Fraction	BDL	0.50	mg/kg	8015	08/31/14	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	96.4		% Rec.	8015	08/31/14	5
a,a,a-Trifluorotoluene(PID)	101.		% Rec.	8021	08/31/14	5
TPH (GC/FID) High Fraction	BDL	4.0	mg/kg	3546/DRO	09/03/14	1
Surrogate recovery(%)						
o-Terphenyl	72.0		% Rec.	3546/DRO	09/03/14	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

Blake Ford / Martin Eckert III
EnCana Oil & Gas - Longmont, CO
3601 Stagecoach Rd
Longmont, CO 80504

October 13, 2014

Date Received : August 29, 2014
Description : Pepler Farms
Sample ID : PEPPLER FARM-MW-03-082714 5-7.5 FT
Collected By : Matt R
Collection Date : 08/27/14 14:35

ESC Sample # : L718934-03
Site ID :
Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.0025	mg/kg	8021	08/31/14	5
Toluene	BDL	0.025	mg/kg	8021	08/31/14	5
Ethylbenzene	BDL	0.0025	mg/kg	8021	08/31/14	5
Total Xylene	BDL	0.0075	mg/kg	8021	08/31/14	5
TPH (GC/FID) Low Fraction	BDL	0.50	mg/kg	8015	08/31/14	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	96.5		% Rec.	8015	08/31/14	5
a,a,a-Trifluorotoluene(PID)	101.		% Rec.	8021	08/31/14	5
TPH (GC/FID) High Fraction	BDL	4.0	mg/kg	3546/DRO	09/03/14	1
Surrogate recovery(%)						
o-Terphenyl	69.3		% Rec.	3546/DRO	09/03/14	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

Blake Ford / Martin Eckert III
 EnCana Oil & Gas - Longmont, CO
 3601 Stagecoach Rd
 Longmont, CO 80504

October 13, 2014

Date Received : August 29, 2014
 Description : Pepler Farms
 Sample ID : PEPPLER FARM-MW-04-082714 5-7.5 FT
 Collected By : Matt R
 Collection Date : 08/27/14 15:40

ESC Sample # : L718934-04

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.0025	mg/kg	8021	09/03/14	5
Toluene	BDL	0.025	mg/kg	8021	09/03/14	5
Ethylbenzene	BDL	0.0025	mg/kg	8021	09/03/14	5
Total Xylene	BDL	0.0075	mg/kg	8021	09/03/14	5
TPH (GC/FID) Low Fraction	BDL	0.50	mg/kg	8015	09/03/14	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	96.7		% Rec.	8015	09/03/14	5
a,a,a-Trifluorotoluene(PID)	101.		% Rec.	8021	09/03/14	5
TPH (GC/FID) High Fraction	BDL	4.0	mg/kg	3546/DRO	09/03/14	1
Surrogate recovery(%)						
o-Terphenyl	61.6		% Rec.	3546/DRO	09/03/14	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Reported: 09/04/14 15:10 Revised: 10/13/14 14:31



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Blake Ford / Martin Eckert III
EnCana Oil & Gas - Longmont, CO
3601 Stagecoach Rd
Longmont, CO 80504

Report Summary

Tuesday October 21, 2014

Report Number: L727638

Samples Received: 08/29/14

Client Project:

Description: Peppler Farms

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Entire Report Reviewed By:


Jared Willis, ESC Representative

Laboratory Certification Numbers

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NC - ENV375/DW21704/BIO041, ND - R-140, NJ - TN002, NJ NELAP - TN002,
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364, EPA - TN002

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REPORT OF ANALYSIS

Blake Ford / Martin Eckert III
 EnCana Oil & Gas - Longmont, CO
 3601 Stagecoach Rd
 Longmont, CO 80504

October 21, 2014

Date Received : August 29, 2014
 Description : Pepler Farms
 Sample ID : PEPPLER FARM-MW-02-082714 5-7.5 FT
 Collected By : Matt R
 Collection Date : 08/27/14 12:25

ESC Sample # : L727638-01
 Site ID :
 Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Chromium,Hexavalent	BDL	2.0	mg/kg	3060A/7196A	10/16/14	1
Chromium,Trivalent	19.	2.0	mg/kg	Calc.	10/18/14	1
ORP	77.		mV	2580 B-2011	10/21/14	1
pH	8.4		su	9045D	10/16/14	1
Sodium Adsorption Ratio	1.1			Calc.	10/18/14	1
Specific Conductance	800		umhos/cm	9050AMod	10/21/14	1
Mercury	BDL	0.020	mg/kg	7471	10/16/14	1
Arsenic	6.6	2.0	mg/kg	6010B	10/17/14	1
Barium	260	0.50	mg/kg	6010B	10/17/14	1
Cadmium	BDL	0.50	mg/kg	6010B	10/17/14	1
Chromium	19.	1.0	mg/kg	6010B	10/17/14	1
Copper	12.	2.0	mg/kg	6010B	10/17/14	1
Lead	8.8	0.50	mg/kg	6010B	10/17/14	1
Nickel	15.	2.0	mg/kg	6010B	10/17/14	1
Selenium	BDL	2.0	mg/kg	6010B	10/17/14	1
Silver	BDL	1.0	mg/kg	6010B	10/17/14	1
Zinc	43.	5.0	mg/kg	6010B	10/17/14	1
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.0060	mg/kg	8270C-SIM	10/17/14	1
Acenaphthene	BDL	0.0060	mg/kg	8270C-SIM	10/17/14	1
Acenaphthylene	BDL	0.0060	mg/kg	8270C-SIM	10/17/14	1
Benzo(a)anthracene	BDL	0.0060	mg/kg	8270C-SIM	10/17/14	1
Benzo(a)pyrene	BDL	0.0060	mg/kg	8270C-SIM	10/17/14	1
Benzo(b)fluoranthene	BDL	0.0060	mg/kg	8270C-SIM	10/17/14	1
Benzo(g,h,i)perylene	BDL	0.0060	mg/kg	8270C-SIM	10/17/14	1
Benzo(k)fluoranthene	BDL	0.0060	mg/kg	8270C-SIM	10/17/14	1
Chrysene	BDL	0.0060	mg/kg	8270C-SIM	10/17/14	1
Dibenz(a,h)anthracene	BDL	0.0060	mg/kg	8270C-SIM	10/17/14	1
Fluoranthene	BDL	0.0060	mg/kg	8270C-SIM	10/17/14	1
Fluorene	BDL	0.0060	mg/kg	8270C-SIM	10/17/14	1
Indeno(1,2,3-cd)pyrene	BDL	0.0060	mg/kg	8270C-SIM	10/17/14	1
Naphthalene	BDL	0.020	mg/kg	8270C-SIM	10/17/14	1
Phenanthrene	BDL	0.0060	mg/kg	8270C-SIM	10/17/14	1
Pyrene	BDL	0.0060	mg/kg	8270C-SIM	10/17/14	1
1-Methylnaphthalene	BDL	0.020	mg/kg	8270C-SIM	10/17/14	1
2-Methylnaphthalene	BDL	0.020	mg/kg	8270C-SIM	10/17/14	1

BDL - Below Detection Limit
 Det. Limit - Practical Quantitation Limit(PQL)
 L727638-01 (PH) - 8.4@21.6c



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REPORT OF ANALYSIS

Blake Ford / Martin Eckert III
EnCana Oil & Gas - Longmont, CO
3601 Stagecoach Rd
Longmont, CO 80504

October 21, 2014

Date Received : August 29, 2014
Description : Pepler Farms
Sample ID : PEPPLER FARM-MW-02-082714 5-7.5 FT
Collected By : Matt R
Collection Date : 08/27/14 12:25

ESC Sample # : L727638-01

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Chloronaphthalene	BDL	0.020	mg/kg	8270C-SIM	10/17/14	1
Surrogate Recovery						
Nitrobenzene-d5	76.4		% Rec.	8270C-SIM	10/17/14	1
2-Fluorobiphenyl	83.9		% Rec.	8270C-SIM	10/17/14	1
p-Terphenyl-d14	74.7		% Rec.	8270C-SIM	10/17/14	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Reported: 10/21/14 16:04 Printed: 10/21/14 16:05
L727638-01 (PH) - 8.4@21.6c

Summary of Remarks For Samples Printed
10/21/14 at 16:05:33

TSR Signing Reports: 358
R5 - Desired TAT

Log all BTEX waters as V8260BTEX unless specified otherwise. Enter depths for all samples as part of sample ID. Try not to report benzene as BDL above a 5x dilution.

Sample: L727638-01 Account: ENCANLCO Received: 08/29/14 09:00 Due Date: 10/22/14 00:00 RPT Date: 10/21/14 16:04
Qualify PAHs, SPCON, CR6, CR3 for being run OOH. Relogged from L718934-02. AV 10/15



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Est. 1970

Blake Ford / Martin Eckert III
EnCana Oil & Gas - Longmont, CO
3601 Stagecoach Rd
Longmont, CO 80504

Report Summary

Thursday September 18, 2014

Report Number: L721176

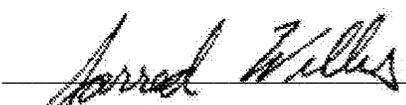
Samples Received: 09/11/14

Client Project:

Description: Peppler Farms

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:


Jared Willis, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,
FL - E87487, GA - 923, IN - C-IN-01, KY - 90010, KYUST - 0016,
NC - ENV375/DW21704/BIO041, ND - R-140, NJ - TN002, NJ NELAP - TN002,
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364, EPA - TN002

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REPORT OF ANALYSIS

Blake Ford / Martin Eckert III
 EnCana Oil & Gas - Longmont, CO
 3601 Stagecoach Rd
 Longmont, CO 80504

September 18, 2014

Date Received : September 11, 2014
 Description : Pepler Farms
 Sample ID : PEPPER-FARMS-MW-01-090914
 Collected By : Eric Vonde
 Collection Date : 09/09/14 15:24

ESC Sample # : L721176-01

Site ID : PEPPER FARMS

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	09/13/14	1
Toluene	BDL	5.0	ug/l	8260B	09/13/14	1
Ethylbenzene	BDL	1.0	ug/l	8260B	09/13/14	1
Total Xylenes	BDL	3.0	ug/l	8260B	09/13/14	1
Surrogate Recovery						
Toluene-d8	104.		% Rec.	8260B	09/13/14	1
Dibromofluoromethane	105.		% Rec.	8260B	09/13/14	1
a,a,a-Trifluorotoluene	108.		% Rec.	8260B	09/13/14	1
4-Bromofluorobenzene	107.		% Rec.	8260B	09/13/14	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 09/18/14 11:22 Printed: 09/18/14 11:23



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REPORT OF ANALYSIS

Blake Ford / Martin Eckert III
 EnCana Oil & Gas - Longmont, CO
 3601 Stagecoach Rd
 Longmont, CO 80504

September 18, 2014

Date Received : September 11, 2014
 Description : Pepler Farms
 Sample ID : PEPPER-FARMS-MW-02-090914
 Collected By : Eric Vonde
 Collection Date : 09/09/14 14:53

ESC Sample # : L721176-02

Site ID : PEPPER FARMS

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	09/13/14	1
Toluene	BDL	5.0	ug/l	8260B	09/13/14	1
Ethylbenzene	BDL	1.0	ug/l	8260B	09/13/14	1
Total Xylenes	BDL	3.0	ug/l	8260B	09/13/14	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	09/13/14	1
Dibromofluoromethane	107.		% Rec.	8260B	09/13/14	1
a,a,a-Trifluorotoluene	107.		% Rec.	8260B	09/13/14	1
4-Bromofluorobenzene	104.		% Rec.	8260B	09/13/14	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

Blake Ford / Martin Eckert III
 EnCana Oil & Gas - Longmont, CO
 3601 Stagecoach Rd
 Longmont, CO 80504

September 18, 2014

Date Received : September 11, 2014
 Description : Pepler Farms
 Sample ID : PEPPER-FARMS-MW-03-090914
 Collected By : Eric Vonde
 Collection Date : 09/09/14 15:35

ESC Sample # : L721176-03

Site ID : PEPPER FARMS

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	09/18/14	1
Toluene	BDL	5.0	ug/l	8260B	09/18/14	1
Ethylbenzene	BDL	1.0	ug/l	8260B	09/18/14	1
Total Xylenes	BDL	3.0	ug/l	8260B	09/18/14	1
Surrogate Recovery						
Toluene-d8	104.		% Rec.	8260B	09/18/14	1
Dibromofluoromethane	107.		% Rec.	8260B	09/18/14	1
a,a,a-Trifluorotoluene	103.		% Rec.	8260B	09/18/14	1
4-Bromofluorobenzene	101.		% Rec.	8260B	09/18/14	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Reported: 09/18/14 11:22 Printed: 09/18/14 11:23



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REPORT OF ANALYSIS

Blake Ford / Martin Eckert III
 EnCana Oil & Gas - Longmont, CO
 3601 Stagecoach Rd
 Longmont, CO 80504

September 18, 2014

Date Received : September 11, 2014
 Description : Peppler Farms
 Sample ID : PEPPER-FARMS-MW-04-090914
 Collected By : Eric Vonde
 Collection Date : 09/09/14 14:34

ESC Sample # : L721176-04

Site ID : PEPPER FARMS

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	09/13/14	1
Toluene	BDL	5.0	ug/l	8260B	09/13/14	1
Ethylbenzene	BDL	1.0	ug/l	8260B	09/13/14	1
Total Xylenes	BDL	3.0	ug/l	8260B	09/13/14	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	09/13/14	1
Dibromofluoromethane	106.		% Rec.	8260B	09/13/14	1
a,a,a-Trifluorotoluene	104.		% Rec.	8260B	09/13/14	1
4-Bromofluorobenzene	104.		% Rec.	8260B	09/13/14	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 09/18/14 11:22 Printed: 09/18/14 11:23

Summary of Remarks For Samples Printed
09/18/14 at 11:23:21

TSR Signing Reports: 358
R5 - Desired TAT

Log all BTEX waters as V8260BTEX unless specified otherwise. Enter depths for all samples as part of sample ID. Try not to report benzene as BDL above a 5x dilution.

Sample: L721176-01 Account: ENCANLCO Received: 09/11/14 09:00 Due Date: 09/18/14 00:00 RPT Date: 09/18/14 11:22

Sample: L721176-02 Account: ENCANLCO Received: 09/11/14 09:00 Due Date: 09/18/14 00:00 RPT Date: 09/18/14 11:22

Sample: L721176-03 Account: ENCANLCO Received: 09/11/14 09:00 Due Date: 09/18/14 00:00 RPT Date: 09/18/14 11:22

Sample: L721176-04 Account: ENCANLCO Received: 09/11/14 09:00 Due Date: 09/18/14 00:00 RPT Date: 09/18/14 11:22

K035

Prepared by:



**ENVIRONMENTAL
Science corp**

12065 Lebanon Road
Mt. Juliet TN 37122

Phone (615)758-5858
Phone (800) 767-5859
FAX (615)758-5859

CoCode (lab use only)

ENCANLCO-EAGLE
Template/Prelogin

Shipped Via: Denver Service Center

Remarks/contaminant Sample # (lab only)

L721176-01
-02
-03
-04

Analysis/Container/Preservative

BTEX (8260B)

Company Name/Address

ENCANLCO-EAGLE
Encana Oil and Gas
3601 Stagecoach Rd.
Longmont, CO 80504

Alternate Billing

Encana Oil and Gas
Attn; Blake Ford
Longmont CO 80504

Report to: B. Ford, Martin Eckert III

enviro.com

Project Description: ~~Brown Unit 1~~
PEPPER FARMS

ENCANLCO-EAGLE

PHONE: 970-379-5558

Client Project No.

Lab Project #

FAX:

Site/Facility ID# ~~Brown Unit 1~~
PEPPER FARMS

P.O.#

Collected by:
Eric Vand...

Rush? (Lab MUST be Notified)
 Same Day.....200%
 Next Day.....100%
 Two Day.....50%

Date Results Needed

No

Email? No Yes

of

FAX? No Yes

Cntrs

Packed on Ice N YX

Sample ID	Comp/Grab	Matrix	Depth	Date	Time	Cntrs	Remarks/contaminant	Sample # (lab only)
PEPPER FARMS - MW-01-090914	Grab	GW	N/A	9/9/14	1524	2	X	L721176-01
PEPPER FARMS - MW-02-090914	↓	↓	↓	↓	1453	2	↓	-02
PEPPER FARMS - MW-03-090914	↓	↓	↓	↓	1535	2	↓	-03
PEPPER FARMS - MW-04-090914	↓	↓	↓	↓	1434	2	↓	-04

*Matrix: SS-Soil/Solid GW-Groundwater WW-Wastewater DW-Drinking Water OT-Other _____

pH _____ Temp _____
Flow _____ Other _____

Remarks:

Relinquisher by (Signature) <i>Robin Del...</i>	Date: 9/10/14	Time: 1150	Received by (Signature) <i>[Signature]</i>	Samples returned via: FedEx <input checked="" type="checkbox"/> UPS <input type="checkbox"/> Other _____ 6027 6742 8390	Condition F
Relinquisher by (Signature) <i>[Signature]</i>	Date: 9/10/14	Time: 5:20	Received by (Signature) <i>[Signature]</i>	Temp: 3.2	Bottles Received: 8VP
Relinquisher by (Signature) <i>[Signature]</i>	Date: 9/11/14	Time: 0900	Received for lab by (Signature) <i>[Signature]</i>	Date: 9/11/14	pH Checked: NCF:



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Blake Ford / Martin Eckert III
EnCana Oil & Gas - Longmont, CO
3601 Stagecoach Rd
Longmont, CO 80504

Report Summary

Friday December 19, 2014

Report Number: L738545

Samples Received: 12/12/14

Client Project:

Description: Peppler Farms NWNE

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:


Jared Willis, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,
FL - E87487, GA - 923, IN - C-IN-01, KY - 90010, KYUST - 0016,
NC - ENV375/DW21704/BIO041, ND - R-140, NJ - TN002, NJ NELAP - TN002,
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364, EPA - TN002

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REPORT OF ANALYSIS

December 19, 2014

Blake Ford / Martin Eckert III
 EnCana Oil & Gas - Longmont, CO
 3601 Stagecoach Rd
 Longmont, CO 80504

Date Received : December 12, 2014
 Description : Pepler Farms NWNE
 Sample ID : PEPPLER FARMS NWNE-MW-01-121014
 Collected By : Alex R
 Collection Date : 12/10/14 16:16

ESC Sample # : L738545-01

Site ID : PEPPLER FARMS NWNE

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	12/16/14	1
Toluene	BDL	5.0	ug/l	8260B	12/16/14	1
Ethylbenzene	BDL	1.0	ug/l	8260B	12/16/14	1
Total Xylenes	BDL	3.0	ug/l	8260B	12/16/14	1
Surrogate Recovery						
Toluene-d8	105.		% Rec.	8260B	12/16/14	1
Dibromofluoromethane	99.9		% Rec.	8260B	12/16/14	1
a,a,a-Trifluorotoluene	108.		% Rec.	8260B	12/16/14	1
4-Bromofluorobenzene	101.		% Rec.	8260B	12/16/14	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Reported: 12/19/14 09:29 Printed: 12/19/14 09:29



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REPORT OF ANALYSIS

December 19, 2014

Blake Ford / Martin Eckert III
 EnCana Oil & Gas - Longmont, CO
 3601 Stagecoach Rd
 Longmont, CO 80504

Date Received : December 12, 2014
 Description : Pepler Farms NWNE
 Sample ID : PEPPLER FARMS NWNE-MW-02-121014
 Collected By : Alex R
 Collection Date : 12/10/14 16:41

ESC Sample # : L738545-02

Site ID : PEPPLER FARMS NWNE

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	12/16/14	1
Toluene	BDL	5.0	ug/l	8260B	12/16/14	1
Ethylbenzene	BDL	1.0	ug/l	8260B	12/16/14	1
Total Xylenes	BDL	3.0	ug/l	8260B	12/16/14	1
Surrogate Recovery						
Toluene-d8	106.		% Rec.	8260B	12/16/14	1
Dibromofluoromethane	100.		% Rec.	8260B	12/16/14	1
a,a,a-Trifluorotoluene	107.		% Rec.	8260B	12/16/14	1
4-Bromofluorobenzene	98.5		% Rec.	8260B	12/16/14	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Reported: 12/19/14 09:29 Printed: 12/19/14 09:29



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REPORT OF ANALYSIS

December 19, 2014

Blake Ford / Martin Eckert III
 EnCana Oil & Gas - Longmont, CO
 3601 Stagecoach Rd
 Longmont, CO 80504

Date Received : December 12, 2014
 Description : Pepler Farms NWNE
 Sample ID : PEPPLER FARMS NWNE-MW-04-121014
 Collected By : Alex R
 Collection Date : 12/10/14 17:08

ESC Sample # : L738545-03

Site ID : PEPPLER FARMS NWNE

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	12/16/14	1
Toluene	BDL	5.0	ug/l	8260B	12/16/14	1
Ethylbenzene	BDL	1.0	ug/l	8260B	12/16/14	1
Total Xylenes	BDL	3.0	ug/l	8260B	12/16/14	1
Surrogate Recovery						
Toluene-d8	104.		% Rec.	8260B	12/16/14	1
Dibromofluoromethane	101.		% Rec.	8260B	12/16/14	1
a,a,a-Trifluorotoluene	107.		% Rec.	8260B	12/16/14	1
4-Bromofluorobenzene	98.8		% Rec.	8260B	12/16/14	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Reported: 12/19/14 09:29 Printed: 12/19/14 09:29

Summary of Remarks For Samples Printed
12/19/14 at 09:29:39

TSR Signing Reports: 358
R5 - Desired TAT

Log all BTEX waters as V8260BTEX unless specified otherwise. Enter depths for all samples as part of sample ID. Try not to report benzene as BDL above a 5x dilution.

Sample: L738545-01 Account: ENCANLCO Received: 12/12/14 09:00 Due Date: 12/19/14 00:00 RPT Date: 12/19/14 09:29

Sample: L738545-02 Account: ENCANLCO Received: 12/12/14 09:00 Due Date: 12/19/14 00:00 RPT Date: 12/19/14 09:29

Sample: L738545-03 Account: ENCANLCO Received: 12/12/14 09:00 Due Date: 12/19/14 00:00 RPT Date: 12/19/14 09:29



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Blake Ford / Martin Eckert III
EnCana Oil & Gas - Longmont, CO
3601 Stagecoach Rd
Longmont, CO 80504

Report Summary

Tuesday March 17, 2015

Report Number: L752089

Samples Received: 03/07/15

Client Project:

Description: Peppler Farms

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:


Jared Willis, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,
FL - E87487, GA - 923, IN - C-IN-01, KY - 90010, KYUST - 0016,
NC - ENV375/DW21704/BIO041, ND - R-140, NJ - TN002, NJ NELAP - TN002,
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364, EPA - TN002

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REPORT OF ANALYSIS

Blake Ford / Martin Eckert III
 EnCana Oil & Gas - Longmont, CO
 3601 Stagecoach Rd
 Longmont, CO 80504

March 17, 2015

Date Received : March 07, 2015
 Description : Pepler Farms
 Sample ID : PEPPLER FARMS-MW-01-030515
 Collected By : Alex Romansky
 Collection Date : 03/05/15 11:35

ESC Sample # : L752089-01

Site ID : PEPPLER FARMS

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	03/15/15	1
Toluene	BDL	5.0	ug/l	8260B	03/15/15	1
Ethylbenzene	BDL	1.0	ug/l	8260B	03/15/15	1
Total Xylenes	BDL	3.0	ug/l	8260B	03/15/15	1
Surrogate Recovery						
Toluene-d8	106.		% Rec.	8260B	03/15/15	1
Dibromofluoromethane	113.		% Rec.	8260B	03/15/15	1
a,a,a-Trifluorotoluene	99.5		% Rec.	8260B	03/15/15	1
4-Bromofluorobenzene	97.8		% Rec.	8260B	03/15/15	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Reported: 03/17/15 14:27 Printed: 03/17/15 14:27



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Est. 1970

REPORT OF ANALYSIS

Blake Ford / Martin Eckert III
 EnCana Oil & Gas - Longmont, CO
 3601 Stagecoach Rd
 Longmont, CO 80504

March 17, 2015

Date Received : March 07, 2015
 Description : Pepler Farms
 Sample ID : PEPPLER FARMS-MW-02-030515
 Collected By : Alex Romansky
 Collection Date : 03/05/15 11:00

ESC Sample # : L752089-02

Site ID : PEPPLER FARMS

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	03/15/15	1
Toluene	BDL	5.0	ug/l	8260B	03/15/15	1
Ethylbenzene	BDL	1.0	ug/l	8260B	03/15/15	1
Total Xylenes	BDL	3.0	ug/l	8260B	03/15/15	1
Surrogate Recovery						
Toluene-d8	109.		% Rec.	8260B	03/15/15	1
Dibromofluoromethane	113.		% Rec.	8260B	03/15/15	1
a,a,a-Trifluorotoluene	96.9		% Rec.	8260B	03/15/15	1
4-Bromofluorobenzene	93.5		% Rec.	8260B	03/15/15	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Reported: 03/17/15 14:27 Printed: 03/17/15 14:27



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Tax I.D. 62-0814289

Est. 1970

Blake Ford / Martin Eckert III
EnCana Oil & Gas - Longmont, CO
10188 East I-25 Frontage Rd
Firestone, CO 80504

Report Summary

Monday April 13, 2015

Report Number: L756951

Samples Received: 04/02/15

Client Project:

Description: Peppler Farms NWNE

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:


Jared Willis, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,
FL - E87487, GA - 923, IN - C-IN-01, KY - 90010, KYUST - 0016,
NC - ENV375/DW21704/BIO041, ND - R-140, NJ - TN002, NJ NELAP - TN002,
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364, EPA - TN002

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

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REPORT OF ANALYSIS

Blake Ford / Martin Eckert III
 EnCana Oil & Gas - Longmont, CO
 10188 East I-25 Frontage Rd
 Firestone, CO 80504

April 13, 2015

Date Received : April 02, 2015
 Description : Pepler Farms NWNE
 Sample ID : PEPPLER FARMS NW NE-MW-04-033115
 Collected By : Alex Romansky
 Collection Date : 03/31/15 16:21

ESC Sample # : L756951-01

Site ID : PEPPLER FARMS NWNE

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	04/12/15	1
Toluene	BDL	5.0	ug/l	8260B	04/12/15	1
Ethylbenzene	BDL	1.0	ug/l	8260B	04/12/15	1
Total Xylenes	BDL	3.0	ug/l	8260B	04/12/15	1
Surrogate Recovery						
Toluene-d8	103.		% Rec.	8260B	04/12/15	1
Dibromofluoromethane	95.6		% Rec.	8260B	04/12/15	1
a,a,a-Trifluorotoluene	112.		% Rec.	8260B	04/12/15	1
4-Bromofluorobenzene	99.1		% Rec.	8260B	04/12/15	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Blake Ford / Martin Eckert III
EnCana Oil & Gas - Longmont, CO
10188 East I-25 Frontage Rd
Firestone, CO 80504

Report Summary

Friday July 03, 2015

Report Number: L773829

Samples Received: 06/27/15

Client Project:

Description: Peppler Farms

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:


Jared Willis, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,
FL - E87487, GA - 923, IN - C-IN-01, KY - 90010, KYUST - 0016,
NC - ENV375/DW21704/BIO041, ND - R-140, NJ - TN002, NJ NELAP - TN002,
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364, EPA - TN002

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REPORT OF ANALYSIS

July 03, 2015

Blake Ford / Martin Eckert III
 EnCana Oil & Gas - Longmont, CO
 10188 East I-25 Frontage Rd
 Firestone, CO 80504

Date Received : June 27, 2015
 Description : Pepler Farms
 Sample ID : PEPPLER FARMS-MW-01-062515
 Collected By : A. Newberry
 Collection Date : 06/25/15 13:11

ESC Sample # : L773829-01

Site ID : PEPPLER FARMS

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	07/02/15	1
Toluene	BDL	5.0	ug/l	8260B	07/02/15	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/02/15	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/02/15	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	07/02/15	1
Dibromofluoromethane	96.3		% Rec.	8260B	07/02/15	1
a,a,a-Trifluorotoluene	103.		% Rec.	8260B	07/02/15	1
4-Bromofluorobenzene	103.		% Rec.	8260B	07/02/15	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

July 03, 2015

Blake Ford / Martin Eckert III
 EnCana Oil & Gas - Longmont, CO
 10188 East I-25 Frontage Rd
 Firestone, CO 80504

Date Received : June 27, 2015
 Description : Pepler Farms
 Sample ID : PEPPLER FARMS-MW-02-062515
 Collected By : A. Newberry
 Collection Date : 06/25/15 13:33

ESC Sample # : L773829-02

Site ID : PEPPLER FARMS

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	1.7	1.0	ug/l	8260B	07/02/15	1
Toluene	BDL	5.0	ug/l	8260B	07/02/15	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/02/15	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/02/15	1
Surrogate Recovery						
Toluene-d8	100.		% Rec.	8260B	07/02/15	1
Dibromofluoromethane	94.8		% Rec.	8260B	07/02/15	1
a,a,a-Trifluorotoluene	102.		% Rec.	8260B	07/02/15	1
4-Bromofluorobenzene	103.		% Rec.	8260B	07/02/15	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

July 03, 2015

Blake Ford / Martin Eckert III
 EnCana Oil & Gas - Longmont, CO
 10188 East I-25 Frontage Rd
 Firestone, CO 80504

Date Received : June 27, 2015
 Description : Pepler Farms
 Sample ID : PEPPLER FARMS-MW-03-062515
 Collected By : A. Newberry
 Collection Date : 06/25/15 13:38

ESC Sample # : L773829-03

Site ID : PEPPLER FARMS

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	07/02/15	1
Toluene	BDL	5.0	ug/l	8260B	07/02/15	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/02/15	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/02/15	1
Surrogate Recovery						
Toluene-d8	100.		% Rec.	8260B	07/02/15	1
Dibromofluoromethane	96.6		% Rec.	8260B	07/02/15	1
a,a,a-Trifluorotoluene	101.		% Rec.	8260B	07/02/15	1
4-Bromofluorobenzene	105.		% Rec.	8260B	07/02/15	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

July 03, 2015

Blake Ford / Martin Eckert III
 EnCana Oil & Gas - Longmont, CO
 10188 East I-25 Frontage Rd
 Firestone, CO 80504

Date Received : June 27, 2015
 Description : Pepler Farms
 Sample ID : PEPPLER FARMS-MW-04-062515
 Collected By : A. Newberry
 Collection Date : 06/25/15 13:56

ESC Sample # : L773829-04

Site ID : PEPPLER FARMS

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	07/02/15	1
Toluene	BDL	5.0	ug/l	8260B	07/02/15	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/02/15	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/02/15	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	07/02/15	1
Dibromofluoromethane	96.4		% Rec.	8260B	07/02/15	1
a,a,a-Trifluorotoluene	104.		% Rec.	8260B	07/02/15	1
4-Bromofluorobenzene	106.		% Rec.	8260B	07/02/15	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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