



June 24, 2016

Mr. Brett Middleton
Environmental Specialist
Encana Oil & Gas (USA) Inc.
143 Diamond Avenue
Parachute, Colorado 81635

**RE: Scope of Work
A27 Flowline Release
Garfield and Rio Blanco Counties, Colorado**

Dear Mr. Middleton:

LT Environmental, Inc. (LTE) is submitting this scope of work for the planned site assessment activities scheduled to begin on the approximate date of June 27, 2016. These assessment activities are expected to take approximately five days to complete. The following outline describes the Scope of Work and scheduled site assessment activities.

Location and Assessment Objectives

- **A27 Flowline Release -**
 - Advance approximately eleven soil borings to an approximate depth of 30 feet below ground surface
 - Collect soil characterization samples and submit for laboratory analysis
 - Collect groundwater grab samples if encountered and submit for laboratory analysis
 - Submit soil and groundwater samples for laboratory analysis of constituents listed in the Colorado Oil and Gas Conservation Commission (COGCC) Table 910-1
 - Install temporary monitoring points as deemed appropriate to characterize the release
 - Conduct additional borings if deemed necessary to characterize identified release

Drilling Activities

- Call in utility locates at least four days in advance through Utility Notification Center of Colorado (UNCC)
- Meet Encana representative onsite for ground disturbance permit and approval
- Collect soil and groundwater samples as appropriate to characterize identified release
- Decontaminate augers and sampling equipment between each soil boring
- Log and screen soil samples as necessary from two foot split spoon core
- GPS locations of all soil borings and sample locations



Soil and Groundwater Sampling

- Collect soil samples from each boring for visual observations and screening with a photoionization detector (PID)
- Submit soil samples with highest PID from each boring for laboratory analysis
- Collect grab groundwater sample from temporary casing and submit for laboratory analysis
- Submit select soil and groundwater samples to ESC Lab Sciences for constituents identified in COGCC Table 910-1
- Photo document all sampled material and the location of each boring

Reporting

- Produce an Assessment Findings Report which includes:
 - Summary of field activities and observations
 - Site map showing the locations of each boring and sample location
 - Tables of soil and groundwater analytical results
 - Lithologic drilling logs
 - Recommendations for future activities if necessary
- Assist Encana with any technical follow up and form submittals as needed or requested

Please contact Rob Fishburn at 970.285.9985 with any questions or concerns associated with this Scope of Work.

Sincerely,

LT ENVIRONMENTAL, INC.

A handwritten signature in black ink that reads 'Wesley Toews'.

Wesley Toews
Staff Geologist

A handwritten signature in black ink that reads 'Robert D. Fishburn'.

Robert D. Fishburn, P.G.
Senior Hydrogeologist

Attachment:

A27 Flowline Release Area with Proposed Boring Locations



A27 Flowline Release

