



February 2, 2015

Mr. Michael Shoemaker
WPX Environmental Specialist Senior Staff
WPX Energy Rocky Mountain LLC
1058 County Road 215
Parachute, Colorado 81635

RE: Status Report: Drill Pads KP 24-17, KP 23-17 & KP 34-18 COGCC Rule 317B Post DCPS Operations Water Quality Sampling, November/December 2014

Dear Mr. Shoemaker,

Western Water and Land, Inc (WWL) conducted field reconnaissance in support of surface water sampling for the WPX Drilling, Completion, Production, and Storage (DCPS) Operations locations in accordance with COGCC Rule 317B. DCPS Operations Drill Pads KP 24-17 (SE $\frac{1}{4}$, SW $\frac{1}{4}$) and KP 23-17 (NE $\frac{1}{4}$, SW $\frac{1}{4}$), are located in Section 17, Township 6 South, Range 91 West, 6th P.M.. DCPS Operations Drill Pad KP 34-18 is located in SW $\frac{1}{4}$, SE $\frac{1}{4}$, Section 18, Township 6 South, Range 91 West, 6th P.M.. Drill Pads KP 34-18 and KP 24-17 fall within the Rule 317B 0.5-mile buffer zone and drill pad KP 23-17 falls within the Rule 317B 300 foot buffer zone for the Silt Surface Water Supply Area (SSWSA). This status report addresses field activities and the sampling location status during the sampling event for the November/December 2014 DCPS Operations.

Previously established sampling locations for the SSWSA were provided to WWL by WPX. The sampling locations were established by HRL Compliance Solutions, Inc. (HCSI). Sampling locations downgradient of the referenced WPX DCPS Operations locations are shown in Figure 1. Sampling location KP 3 (COGCC Facility ID 752549) is the nearest downgradient sampling location to the referenced WPX DCPS Operations locations and was therefore identified as the preferred sampling location.

Field Activities and Sampling Location Status

Sampling location KP 3 was visited by WPX personnel on January 22, 2015. This sampling location resides in an ephemeral drainage immediately downgradient of a culvert under the access road. No water, flowing or standing, was observed in the drainage although there was ice present in the culvert. The next downgradient sampling location, KP 2 (COGCC Facility ID 752548), was not visited because WPX does not have property owner consent to access this location. Photographs from the field activities are included in Attachment A. As a result of these events, no samples were collected during the November/December 2014 DCPS Operations sampling event.

If you have any questions or concerns, please contact me at (970) 242-0170.

Mr. Michael Shoemaker

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Sincerely,

A handwritten signature in black ink, appearing to read "Bruce D. Smith". The signature is fluid and cursive, with the first name "Bruce" being more legible than the last name "Smith".

Bruce D. Smith

Principal Hydrogeologist

WESTERN WATER & LAND, INC.

Attachments



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Legend

- 300ft Buffer
 - 500ft Buffer
 - Halfmile Buffer
 - Established Sampling Sites
- 0 500 1,000 2,000 Feet
1:22,000

Figure 1: November/December 2014 DCPS Operations Rule 317B Sampling Evaluation S 17 & 18, T6S, R91W, 6 PM

Garfield County, Colorado
WPX Energy Rocky Mountain LLC
Basemap Source: Esri ArcGIS Online



Western Water & Land, Inc.
Applications in Earth Science

Attachment A

January 2015 Field Photographs



Photo 1. Sampling location KP 3. (January 22, 2015)



Photo 2. Drainage downstream of sampling location KP 3. (January 22, 2015)