



# Western Water & Land, Inc.

April 4, 2016

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 22-17, KP 23-17, KP 32-17, KP 34-17 & KP 34-18 COGCC Rule 317B Post DCPS Operations Water Quality Sampling, May/June 2015**

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 22-17 (SE<sup>1</sup>/<sub>4</sub>, NW<sup>1</sup>/<sub>4</sub>), KP 23-17 (NE<sup>1</sup>/<sub>4</sub>, SW<sup>1</sup>/<sub>4</sub>), KP 32-17 (SW<sup>1</sup>/<sub>4</sub>, NE<sup>1</sup>/<sub>4</sub>) and KP 34-17 (SW<sup>1</sup>/<sub>4</sub>, SE<sup>1</sup>/<sub>4</sub>) are located in Section 17, Township 6 South, Range 91 West, 6<sup>th</sup> P.M., and KP 34-18 (SW<sup>1</sup>/<sub>4</sub>, SE<sup>1</sup>/<sub>4</sub>) is located in Section 18, Township 6 South, Range 91 West, 6<sup>th</sup> P.M.. Drill Pads KP 22-17, KP 34-17, KP 34-18, and KP 32-17 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 May/June 2015 DCPS Operations.

Workover operations were completed for the following wells:

Pad Name	Well Name	API	Start Date	End Date
KP 22-17	Jolley 17-25D	05-045-17265	5/8/2015	5/12/2015
KP 23-17	KP 533-17	05-045-17112	4/27/2015	5/8/2015
KP 32-17	KP 342-17	05-045-17896	6/1/2015	6/1/2015
KP 34-17	KP 344-17	05-045-17835	5/29/2015	5/29/2015
KP 34-18	KP 444-18	05-045-20634	5/13/2015	5/13/2015
KP 34-18	Kokopelli Fed 18-215D	05-045-16266	5/13/2015	5/18/2015

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 WWL personnel on July 9, 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 recent stormwater drainage was evident. 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 May/June 2015 DCPS Operations sampling event.

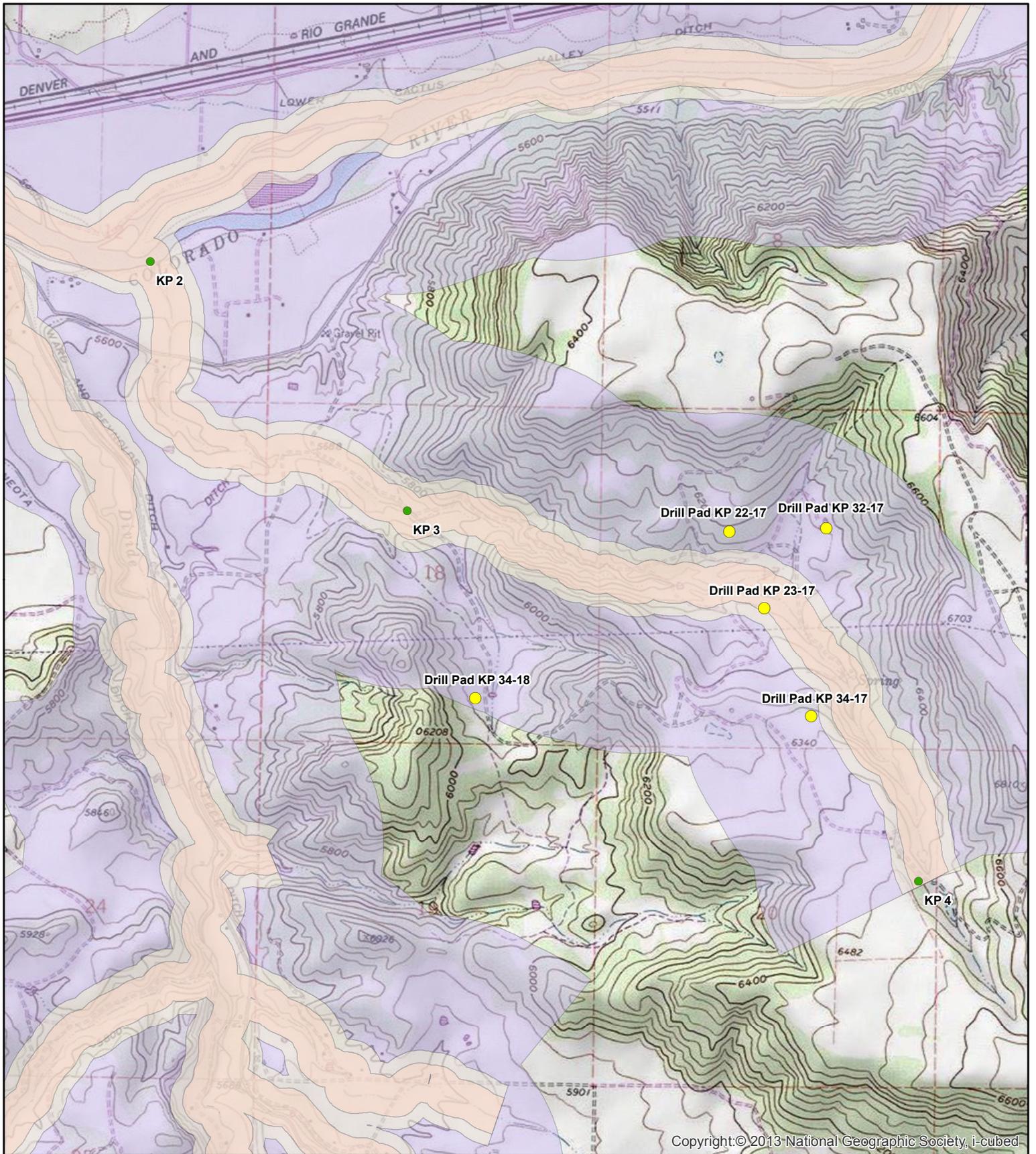
If you have any questions or concerns, please contact me at (970) 242-0170.

Sincerely,



Bruce D. Smith  
Principal Hydrogeologist  
WESTERN WATER & LAND, INC.

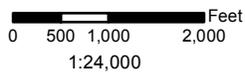
Attachments



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**Legend**

-  300ft Buffer
-  500ft Buffer
-  Halfmile Buffer
-  Established Sampling Sites



**Figure 1: May/June 2015 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**

**Photographs**



Photo 1. Sampling location KP 3. (July 9, 2015)



Photo 2. Drainage downstream of sampling location KP 3. (July 9, 2015)