

STATE OF COLORADO

John W. Hickenlooper, Governor
Christopher E. Urbina, MD, MPH
Executive Director and Chief Medical Officer

Dedicated to protecting and improving the health and environment of the people of Colorado

4300 Cherry Creek Dr. S. Laboratory Services Division
Denver, Colorado 80246-1530 8100 Lowry Blvd.
Phone (303) 692-2000 Denver, Colorado 80230-6928
Located in Glendale, Colorado (303) 692-3090
<http://www.cdphe.state.co.us>



Colorado Department
of Public Health
and Environment

May 15, 2012

Dave Peterson, President
Diamond Operating, Inc.
6680 Gunpark Dr., Ste 100
Boulder, CO 80301

RE: Certification, Colorado Discharge Permit System – Produced Water Treatment Facilities
Permit Number COG840000 Certification Number: COG840005

Dear Mr. Peterson;

The Division received your request for modification dated May 3, 2012. This request was to eliminate acute WET testing based on the physical characteristics of the discharge and receiving stream (pictures provided), and to lower the frequency of analysis for other parameters, based on the chemistry of the produced water being similar month to month as there is one well in one formation and historic data shows little variation.

The Division has removed the need for acute WET testing based on the pictures of the discharge pathway, and that water would be contained by the stock pond that is approximately 3000 feet downstream, which dries up in the summer and fall. Since this stream segment does not have the aquatic life standards for metals, and the discharge would likely never go past the stock pond, WET will be removed. Due to the substantial increase in the number of parameters to be sampled, and the relative consistency in the discharge for the parameters that have data (relative in comparison to the limitations), the frequency of analysis will be reduced to quarterly. The DMRs will only need to be submitted quarterly based on these changes.

NOTE: The detection limit used in the metals analysis for selenium needs to show compliance with the permit limit of 20 ug/l. The lowest PQL for selenium, as stated in the permit, is 1 ug/l. All other metals met the needed PQL requirements.

General Information:

- **Permit Action Fees** : There is a fee for this modification, it is 25% of the annual fee.
- **Discharge Monitoring Report (DMR)** forms will be mailed out within the next month. Reports must be submitted **QUARTERLY** as long as the certification is in effect. The permittee shall provide the Division with any additional monitoring data on the permitted discharge collected for entities other than the Division. This will be supplied to the Division within 48 hours of the receipt of the data by the permittee. If forms have not been received, please contact the Division at 303-692-3517.

If you have any other questions please contact me at 303-692-3655.

Sincerely

Andrew Neuhart
Assessment Based Permits Unit Manager
WATER QUALITY CONTROL DIVISION
Enclosures: Certification page
xc: Washington County, Local County Health Department