



December 2, 2020

Mr. Chris Canfield
Department of Natural Resources
Colorado Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801
Denver, Colorado 80203-2136

**RE: 2020 Quarter 3 Report
Billings 1 Tank Battery
NE ¼ NE ¼ SEC.34 T2N R68W 6PM
40.099394, -104.983999
Weld County, Colorado**

Dear Mr. Canfield:

This report summarizes activities conducted in the third quarter of 2020 to address petroleum hydrocarbon impacts at the Billings Tank Battery (site). The Billings Well Pad and Tank Battery site is located within the Northeast Quarter of Section 34, Township 2 North, Range 68 West, of the 6th Prime Meridian (Figure 1). A site map is included (Figure 2) and analytical results (Table 2).

BACKGROUND

On May 31, 2019, a soil sample was collected from immediately northwest of the northern most tank. The soil sample was collected from a depth of 5 feet below ground surface (bgs). The soil sample was in excess of COGCC Table 910-1 allowable limits for Benzene and pH.

On August 12, 2019, twelve additional borings were advanced at the site in the area surrounding the initial sample. All of the soil samples were below the COGCC standards.

On October 15, 2019, a COGAC™ injection event was performed in the vicinity of monitoring well TMW-4. A total of 8 injection points were advanced with injection intervals ranging from 12 to 17 feet below ground surface. A total of 1,000 pounds of COGAC™ was introduced to the subsurface intervals.

Based on dissolved phase petroleum hydrocarbon impacts beneath the site, quarterly groundwater monitoring has been completed at the site since August 2019.

There are currently 4 monitoring wells onsite, TMW-1, TMW-2, TMW-3, and TMW-4.

MONITORING RESULTS

Groundwater monitoring was conducted on 9/28/2020.

Monitoring well TMW-3 was analyzed for BTEX and was reported below the COGCC Table 910-1 allowable limit.



Groundwater was not observed and unable to be sampled in monitoring wells TMW-1, TMW-2, and TMW-4.

Quarterly groundwater monitoring will continue.

Please contact me if you have any questions or require additional information.

Sincerely,

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Attachments:

Table 1 – Groundwater Elevation Data
Table 2 – Groundwater Analytical Results
Figure 1 – Location Map
Figure 2 – Site Map
Figure 3 – Groundwater Monitoring Map (9/28/2020)
Groundwater Laboratory Report