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December 28, 2023

Department of Natural Resources  
Attn: Nikie Gagnon  
Colorado Division of Reclamation, Mining & Safety  
1313 Sherman Street Room 215  
Denver, CO 80203-2243

Re: Sandy Acres Pit, DRMS Permit No. M-1980-110  
Hydrologic Balance response

Dear Ms. Gagnon:

This is a follow up to our December 28, 2022 letter regarding water observed at the former Sandy Acres Pit.

In January 2023 we completed modifications to the infiltration system to improve the flow of water to the sump at the north end of the pit. This sump is constructed in native granular material which allows water to infiltrate and flow along the natural groundwater gradient.

In the spring of 2023 as the water levels dropped we periodically constructed ditches so that the ponded water would flow to the sump. In early May the amount of ponded water had been substantially reduced. Unfortunately, by mid-May the water level had increased significantly (see photos).



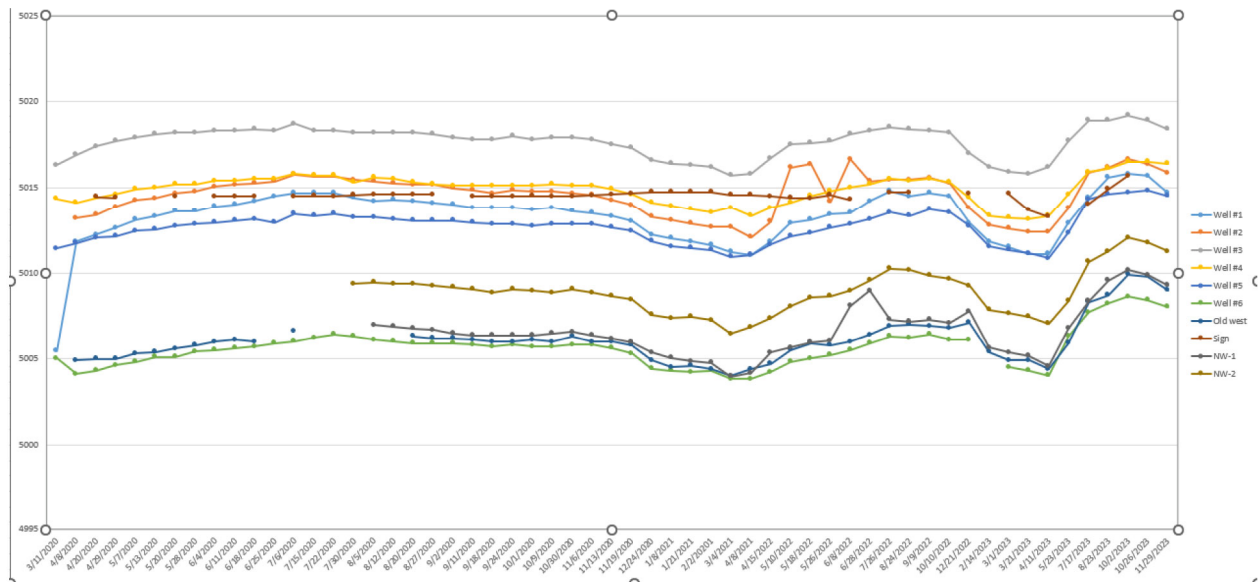
May 2, 2023



May 12, 2023

The water levels in the former pit have remained elevated the rest of 2023. We continue to periodically collect data from our monitoring wells. Some of the readings recorded in 2023 have been higher than any past readings. This leads us to believe that there are things other than our pit and sump that are driving the water levels in the area (see following graphics).





Our consultant has had conversations with DWR and is evaluating the potential that subsurface obstructions (slurry walls) at neighboring properties are causing ground water mounding conditions resulting in exposed ground water at the Sandy Acres site. Once their evaluation is complete a meeting will be held with DWR and DRMS to discuss next steps. It is anticipated that this meeting will occur in the first quarter of 2024.

We propose to continue monitoring water levels during 2024. We will also continue to address noxious weeds and reseed areas as needed. On or before December 31, 2024 we will provide an update of actions taken and the corresponding results.

If you have any other questions, need more information, or if you would like to meet, please email me at [dslack@e-470.com](mailto:dslack@e-470.com) or call me at (303) 537-3710.

Sincerely

*Derek Slack*

Derek Slack, P.E.  
Roadway Maintenance Manager