

2025-12-03_Gasco OU Check-In Meeting

Meeting Title:	Gasco OU Check-In Meeting
Date/Time:	December 3, 2025 / 10:30 - 11:30 am
Attendees:	AQ: Halah Voges, Matt Davis EE: Rob Ede DEQ: Wes Thomas
Location:	MS Teams Meeting

Meeting Notes:

- FS Workshop Scheduling
 - DEQ, AQ, and EE discuss options for a January meeting to discuss site-wide alternatives for the FS. The best options are either January 28th or 29th between 12:30 and 2:30.
 - The meeting will be in-person with an option for remote attendance.
 - AQ/EE will confirm whether Pearl legal will attend.
 - NW Natural will provide tables and figures summarizing the remedial alternatives for each GSA the first week of January, and additional information regarding site-wide alternatives the week before the meeting.
- Field Work Schedule Updates
 - Geotechnical drilling is currently scheduled between December 8th and 19th
 - Monitoring well installation near the US Moorings property boundary is currently scheduled between December 15th and 19th
 - IRAM TS Drilling Sampling is currently scheduled between January 6th and 20th. EE/AQ note that NW Natural plans to submit a revised work plan on December 16th, and the field schedule is contingent on receiving DEQ's approval
 - Segment 3 monitoring well installation is currently scheduled between February 2nd and 6th Seg 3 well install
 - TarGOST drilling is anticipated to begin in February, pending confirmation of Dakota's availability
- Reschedule Check In Meetings
 - December 18th meeting will be pushed to 2pm
 - January 1st meeting will be canceled
 - January 15th meeting will be pushed to 2pm
 - April 9th meeting will be pushed to 2pm
 - DEQ will email to reschedule meetings planned for February 12th and March 12th
- GW Model Report
 - AQ/EE plan to submit the revised Groundwater Model Report on December 18th. NW Natural is requesting an expedited review, since the model will be used to inform the Gasco OU FS and the IRAM BODR.
- ISS Prism Refinement Work Plan Comments:
 - Comment 1 requests an investigation of the continuity of the lower silt unit in the area where DNAPL is deepest. AQ plans to propose CPT drilling for most of the work. Current CPT technology has much higher resolution than what was previously used at the site. AQ also plans to advance a confirmation sonic boring to support interpretation of the CPT results.
 - DEQ can review the details of the proposed approach in the revised work plan. In general, our comment provides flexibility about the approach NW Natural takes for assessing the lower silt unit nature and extent.
 - Comment 2a requests extending TarGOST depths to 5 feet below the deepest DNAPL observation in each 'zone'.
 - AQ plans to justify TarGOST depths for each boring. However, DEQ's request could add significant scope and cost to the investigation, particularly in Zone 1, where most of the DNAPL has been observed to shallower depths, with the exception of the recent observation in PW-06L.

- DEQ will review the justification when we receive the revised work plan
 - Comment 2b requests additional delineation around the TMA-2-2a boring.
 - AQ notes that the deep DNAPL observation at TMA-2-2a exhibited negative tau. AQ plans to confirm the presence of DNAPL in that location before delineating it.
 - AQ notes that DEQ's comment also identified additional delineation needs and asks if DEQ can provide more specific information.
 - DEQ responds that any location that NW Natural plans to propose excluding from the ISS prisms needs to be delineated.
 - Comments 2c and 2d request TarGOST borings near MW-31L and MW-24-130, respectively, based on current conditions groundwater data.
 - AQ notes that the data for those two wells are old (most recent data from MW-31L is from 2015, and most recent data from MW-24-130 is from 2013). These data are incorporated in the current conditions dataset, but only because there are limited data. AQ notes that the initial results had higher benzene and naphthalene results, but the later results were much lower, indicating the potential for drag down during well installation.
 - DEQ asks if the decreases in later samples might also relate to turning on the HC&C system.
 - EE/AQ unsure, but note that additional groundwater sampling could also be conducted to better document current conditions.
 - AQ and DEQ will closer look at these data.
 - DEQ has a comment about the representativeness of DG-CORE-19. NW Natural may opt to just include that location in the ISS work instead of advancing a TarGOST boring.
- IRAM BODR
 - AQ anticipates submitting a revised IRAM BODR by the end of December.
- Segment 3 SCE
 - DEQ's review is ongoing.
- Pneumatic pump updates
 - AQ and EE provide an update regarding the pneumatic pump pilot testing. AQ reports favorable results for the three wells that have been tested to-date.