2026-02-05_Gasco OU Check-In Meeting

Meeting Title:	Gasco OU Check-In Meeting
Date/Time:	February 5, 2026 / 10:30 - 11:10 am
Attendees:	AQ: Halah Voges, Matt Davis, Ryan Barth EE: Rob Ede DEQ: Wes Thomas
Location:	MS Teams Meeting

Meeting Notes:

- Doane Creek SCE
  - AQ is working towards finalizing the Revised Doane Creek SCE Report with the goal of submitting it to DEQ by the end of February. AQ qualifies that the submittal schedule depends on client review.

- IRAM BODR
  - DEQ's review of the revised BODR is ongoing. DEQ is too early in our review to be able to project a timeline for completing comments. However, at a glance, the BODR appears to be generally responsive to our previous comments. DEQ expects to have some additional comments.
    - AQ hopes that DEQ's comments can be addressed in the forthcoming Preliminary Design Report, instead of another revised BODR.
    - At this time, DEQ is not able to weigh in on the need to revise the BODR further but DEQ understands AQ's desire to address comments in the Preliminary Design Report.

- IRAM Treatability Study
  - AQ is completing sample collection from ISSUTS-005 today. ISSUTS-005 is the last treatability sample location and is located near PW-2L and MW-PW-2L. AQ needed to shift the location of the boring slightly in the upland direct based on drill rig accessibility, but the shift should not affect achieving the treatability study objectives. DNAPL was visually observed between 136 and 148 feet below ground surface, which corresponds with observations at nearby borings. DNAPL was also observed in shallower intervals approximately 110 to 115 feet below the ground surface. DNAPL was not observed below 148 feet. AQ plans to advance the boring to 160 feet to try to document the presence of the lower silt unit. AQ does not anticipate DNAPL observations below 150 feet. After achieving the final depth, the boring will be tremie grouted.
  - Following completion of ISSUST-005, AQ plans to complete well installation at MW-57F, located near the US Moorings property boundary.

- Gasco OU FS
  - AQ plans to transmit a Revised Gasco OU FS extension request letter by the end of the week. AQ qualifies that the transmittal schedule depends on client review.

- IRAM ISS Prism Refinement Work Plan
  - DEQ has prioritized our review of the revised work plan with the goal of completing the review before the TarGOST field program begins on February 23rd. DEQ is on track to provide an approval letter by February 10th. We anticipate our approval will include a small number of recommended adjustments to individual boring locations or depths, but we will not require a revised work plan.
  - AQ notes that a larger CPT rig will be necessary to push the TarGOST probe to deeper depths. There may be some accessibility constraints that will not allow use of the larger CPT rig. AQ will use a smaller rig in limited access areas and there may be a depth limit to what the smaller rig can accomplish.
    - DEQ understands there may be a depth limit based on the equipment used and accessibility constraints. The work plan includes close coordination and interaction between AQ and DEQ during the work, and we can work together to make any necessary adjustments in near-real-time.

    - DEQ is interested in a field visit during the work so that staff with less experience with the TarGOST equipment can see it in action. DEQ can work with EE/AQ on logistics for a site visit during a future check in meeting.
        - AQ/EE can accommodate a future field visit.

- Groundwater Model Calibration Report
    - DEQ is compiling comments from the team. Since the report expresses an intent to use the groundwater model to support in-river evaluations subject to EPA oversight, we have asked EPA to review the model. We have not yet received EPA's comments, but have followed up to better understands if/when EPA's comments may be finalized.
        - AQ notes that recent discussions with CDM Smith have indicated that EPA plans to provide comments and that the comments are likely to be relatively minor.
    - DEQ will have minor comments also. Our biggest comment relates to the way the lower silt unit "anomalies" are represented in the model. We are still discussing internally whether we think the way the lower silt unit anomalies are described in the model will affect the model's ability to inform the IRAM design or assess remedial alternatives in the FS. We understand that NW Natural is ultimately seeking consensus that the model is fit for purpose and can be used, even if some revisions are requested on the report.

- DNAPL Dissolution model
    - DEQ appreciates the discussion during yesterday's meeting.
    - AQ states that they took a closer look at the DNAPL observed in WS-15-140 and the well screens associated with the three WS-24 wells located within the Lower Alluvium WBZ. Based on their review, the well screen elevations are slightly above the DNAPL observed in WS-15-140.
        - DEQ appreciates the follow up. That would suggest very little vertical dispersity in groundwater at the site, which is also good to understand.
        - DEQ notes that there may be other more isolated DNAPL observations in the Lower Alluvium that could be reviewed against available groundwater data. However, we understand that the data are more limited for the Lower Alluvium WBZ.