

2025-11-06_Gasco OU Check-In Meeting

Meeting Title:	Gasco OU Check-In Meeting
Date/Time:	November 6, 2025 / 10:30 - 11:30 am
Attendees:	AQ: Halah Voges EE: Rob Ede DEQ: Wes Thomas
Location:	MS Teams Meeting

Meeting Notes:

- Fieldwork Schedules
 - EE/AQ summarize upcoming fieldwork schedules:
 - US Moorings/Gasco property boundary monitoring well installation will begin December 15-19
 - Treatability Study drilling will begin January 6-20
 - Segment 3 monitoring well installation will begin Feb 2-6
 - Geotechnical drilling will begin February 9-20.
- LNG Foundation Work
 - EE states that the construction work for the LNG update foundations will begin in January 2026. NW Natural is anticipating receiving final permits from the City shortly. NW Natural is seeking DEQ's feedback on the approach as soon as possible.
 - DEQ will review and respond to NW Natural's request shortly.
- November 20th PM Meeting
 - EE/AQ propose canceling the recurring check-in meeting scheduled for November 20th, and scheduling the December 4th meeting to December 3rd.
 - DEQ agrees with the proposed approach.
- FS Remedial Alternative/Hot Spot Meeting
 - AQ is planning to send an information package with meeting materials next Friday for DEQ to review in advance of the meeting.
 - EE notes that the meeting will be 2 hours. NW Natural thinks the best approach will be to focus the discussion on the Tar Ponds GSA alternatives. EE asks if DEQ agrees with that approach.
 - DEQ defers to NW Natural to determine what kind of feedback they are looking for from us. This meeting is for NW Natural's benefit.
 - EE states there will be a lot of information to discuss and that focusing on the Tar Ponds will likely take the full two hours.
- COC/Data Screening
 - AQ provided an email on October 31st identifying the COCs and media that have multiple results via different methods for the same analytes.
 - DEQ does not find the list of COCs very informative. There is no additional information about the number of samples/locations affected, the frequency, etc. Without this information, we are unable to provide the feedback NW Natural is seeking. Without more information, AQ should take the approach outlined in our FS comments.
 - AQ will review the information in more detail and follow up. The level of effort to address DEQ's questions may be equivalent to just addressing DEQ's FS comments.
- DNAPL Dissolution Modeling
 - EE/AQ ask if DEQ has any further input about the COCs used in the DNAPL dissolution modeling.
 - DEQ doesn't have any updates
 - AQ reviewed locations where there are wells downgradient of areas with DNAPL to validate the DNAPL dissolution model with empirical evidence. AQ is compiling that information (concentrations, distances downgradient, GW velocity). AQ plans to request another meeting with DEQ to discuss their findings and discuss how the

information could be applied to the FS. AQ will follow up with potential meeting dates.

- Review ISS Refinement WP
 - DEQ's review of the work plan is ongoing. Preliminary comments are focused around DNAPL delineation data gaps. DEQ has previously commented on the LOE approach, and we do not plan to review that information in much detail. DEQ notes that NW Natural's responses to our comments on the Revised SCA (provided as an attachment to the IRAM BODR) committed to CPT drilling to better delineate the nature and extent of the lower silt unit. That work was not included in the work plan.
 - EE replies that they will review those comment responses. NW Natural has some existing CPT borings in that area and are planning to use that information in the groundwater model.
- GW Model
 - AQ is working on revisions to the groundwater modeling report based on DEQ's FS comments. There will be a lot of figures and documentation provided in that report. NW Natural is planning to submit that report in mid-December. EE states that the revised groundwater model report will be a high priority review because it affects the FS and the BODR schedules.
- Pneumatic pump work
 - AQ has begun testing pneumatic pumping this week.
- IRAM
 - EE/AQ have been reviewing deep DNAPL data near the Fab 1 building and discussing those observations with NW Natural based on DEQ's previous feedback. NW Natural is only open to expanding the IRAM towards Fab 1 (where DNAPL is affecting Lower Alluvium WBZ groundwater) if the bulk ISS design was separated from the barrier wall design. Otherwise, NW Natural thinks that expanding the ISS treatment in this area should be evaluated in the FS.
 - DEQ notes NW Natural's opinion. At this point, DEQ is planning to require further investigation of DNAPL in that area as part of the ISS prism refinement work plan. We can have discussions about next steps once we have the data.