

**From:** [Young, Hunter](#)  
**To:** [THOMAS Wesley \\* DEQ](#); [Wyatt, Robert](#); [Patty Dost](#); [Zevenbergen, Michael \(ENRD\)](#); [McKenna, Elizabeth](#); [Vrooman Gary L](#); [PARRETT Kevin \\* DEQ](#); [SEIDEL Paul \\* DEQ](#); [Ebright, Stephanie](#)  
**Subject:** RE: [External]NWN Gasco  
**Date:** Friday, July 21, 2023 9:57:45 AM

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All,

EPA supports the path forward proposed in NWN's revised framework. We acknowledge the importance of an integrated remedy to NWN and will continue to coordinate with DEQ to ensure we have a protective remedy. I appreciate everyone's time in coming to a common understanding and look forward to progressing further in Remedial Design.

Cheers,

Hunter Young  
U.S. Environmental Protection Agency  
Region 10 - Oregon Operations Office  
[Young.Hunter@epa.gov](mailto:Young.Hunter@epa.gov)  
(503)-326-5020

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**From:** THOMAS Wesley \* DEQ <[Wesley.THOMAS@deq.oregon.gov](mailto:Wesley.THOMAS@deq.oregon.gov)>  
**Sent:** Friday, July 21, 2023 7:56 AM  
**To:** Wyatt, Robert <[Robert.Wyatt@nwnatural.com](mailto:Robert.Wyatt@nwnatural.com)>; [pdost@pearllegalgroup.com](mailto:pdost@pearllegalgroup.com); Zevenbergen, Michael (ENRD) <[michael.zevenbergen@usdoj.gov](mailto:michael.zevenbergen@usdoj.gov)>; McKenna, Elizabeth <[McKenna.Elizabeth@epa.gov](mailto:McKenna.Elizabeth@epa.gov)>; Vrooman Gary L <[gary.l.vrooman@doj.state.or.us](mailto:gary.l.vrooman@doj.state.or.us)>; Young, Hunter <[Young.Hunter@epa.gov](mailto:Young.Hunter@epa.gov)>; PARRETT Kevin \* DEQ <[Kevin.PARRETT@deq.oregon.gov](mailto:Kevin.PARRETT@deq.oregon.gov)>; SEIDEL Paul \* DEQ <[Paul.SEIDEL@deq.oregon.gov](mailto:Paul.SEIDEL@deq.oregon.gov)>; Ebright, Stephanie <[EBRIGHT.STEPHANIE@EPA.GOV](mailto:EBRIGHT.STEPHANIE@EPA.GOV)>  
**Subject:** RE: [External]NWN Gasco

Bob,

Thank you for providing the revised version of NW Natural's framework for working with EPA and DEQ based on your notes from the June 14th meeting. We acknowledge that the revised framework includes/considers the feedback we provided on the previous version. DEQ doesn't have any additional feedback on NW Natural's understanding of the June 14th discussion and the path forward for working with DEQ.

DEQ believes we share a common understanding about: 1) how DEQ's upland groundwater PRGs and EPA's ROD Table 17 groundwater CULs will be applied to the project, and 2) the path forward for the ISS barrier wall design. We support the next steps for these items and acknowledge that NW Natural's technical team has already set up a meeting at the end of next week to discuss groundwater PRGs and their use in the Gasco OU FS.

A clean copy of NW Natural's framework is not necessary for DEQ. DEQ looks forward to working with NW Natural on the next steps for the FS and source control. We also look forward to future coordination and communication between DEQ, EPA, and NW Natural regarding the upland and in-water remedies.

**GASCO0051554**

Thanks,

Wes

**Wesley Thomas, P.E.**

Project Manager/Environmental Engineer

O: 503-229-6932

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[Wesley.Thomas@deq.oregon.gov](mailto:Wesley.Thomas@deq.oregon.gov)

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**From:** Wyatt, Robert <[Robert.Wyatt@nwnatural.com](mailto:Robert.Wyatt@nwnatural.com)>

**Sent:** Wednesday, July 12, 2023 3:49 PM

**To:** THOMAS Wesley \* DEQ <[Wesley.THOMAS@deq.oregon.gov](mailto:Wesley.THOMAS@deq.oregon.gov)>; Patty Dost <[pdost@pearllegalgroup.com](mailto:pdost@pearllegalgroup.com)>; Zevenbergen, Michael (ENRD) <[Michael.Zevenbergen@usdoj.gov](mailto:Michael.Zevenbergen@usdoj.gov)>; [mckenna.elizabeth@epa.gov](mailto:mckenna.elizabeth@epa.gov); Vrooman Gary L <[gary.l.vrooman@doj.state.or.us](mailto:gary.l.vrooman@doj.state.or.us)>; Young, Hunter <[Young.Hunter@epa.gov](mailto:Young.Hunter@epa.gov)>; PARRETT Kevin \* DEQ <[Kevin.PARRETT@deq.oregon.gov](mailto:Kevin.PARRETT@deq.oregon.gov)>; SEIDEL Paul \* DEQ <[Paul.SEIDEL@deq.oregon.gov](mailto:Paul.SEIDEL@deq.oregon.gov)>; Ebright, Stephanie <[EBRIGHT.STEPHANIE@EPA.GOV](mailto:EBRIGHT.STEPHANIE@EPA.GOV)>

**Subject:** RE: [External]NWN Gasco

Thanks very much for your feedback and suggested revisions to the framework, Wes. We agree that coordination will be important to assure source control measures are integrated with the sediment design and remedy. I've attached a version with a few additional redlines and responses to some of your comments.

Please let me know if DEQ or EPA have any additional comments or issues to discuss. If not, I can produce a clean copy for the agencies to approve.

Thank you,

Bob

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**From:** THOMAS Wesley \* DEQ <[Wesley.THOMAS@deq.oregon.gov](mailto:Wesley.THOMAS@deq.oregon.gov)>

**Sent:** Thursday, July 6, 2023 12:00 PM

**To:** Wyatt, Robert <[Robert.Wyatt@nwnatural.com](mailto:Robert.Wyatt@nwnatural.com)>; Patty Dost <[pdost@pearllegalgroup.com](mailto:pdost@pearllegalgroup.com)>; Zevenbergen, Michael (ENRD) <[Michael.Zevenbergen@usdoj.gov](mailto:Michael.Zevenbergen@usdoj.gov)>; [mckenna.elizabeth@epa.gov](mailto:mckenna.elizabeth@epa.gov); Vrooman Gary L <[gary.l.vrooman@doj.state.or.us](mailto:gary.l.vrooman@doj.state.or.us)>; Young, Hunter <[Young.Hunter@epa.gov](mailto:Young.Hunter@epa.gov)>; PARRETT Kevin \* DEQ <[Kevin.PARRETT@deq.oregon.gov](mailto:Kevin.PARRETT@deq.oregon.gov)>; SEIDEL Paul \* DEQ <[Paul.SEIDEL@deq.oregon.gov](mailto:Paul.SEIDEL@deq.oregon.gov)>; Ebright, Stephanie <[EBRIGHT.STEPHANIE@EPA.GOV](mailto:EBRIGHT.STEPHANIE@EPA.GOV)>

**Subject:** RE: [External]NWN Gasco

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Bob,

**GASCO0051555**

Thank you for preparing the summary of our discussion on June 14<sup>th</sup>. DEQ has reviewed the notes/framework that you circulated and have made some edits in redline strikeout that are intended to provide additional clarity or context from our perspective. We have also left margin comments to provide additional clarification or to note items that would benefit from additional clarification or discussion. It may not be necessary for everyone that attended the June 14<sup>th</sup> meeting to participate in follow up discussions, if they are deemed appropriate, but we are open to continued discussions with that group.

As you will see in our margin comments, we believe that there are benefits to engaging in regular/ongoing communication between EPA, DEQ, and NW Natural as the in-water and upland elements proceed through design and construction.

Thanks,

Wes

**Wesley Thomas, P.E.**

Project Manager/Environmental Engineer

O: 503-229-6932

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[Wesley.Thomas@deq.oregon.gov](mailto:Wesley.Thomas@deq.oregon.gov)

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**From:** Wyatt, Robert <[Robert.Wyatt@nwnatural.com](mailto:Robert.Wyatt@nwnatural.com)>

**Sent:** Thursday, June 29, 2023 5:08 PM

**To:** Patty Dost <[pdost@pearllegalgroup.com](mailto:pdost@pearllegalgroup.com)>; Zevenbergen, Michael (ENRD) <[Michael.Zevenbergen@usdoj.gov](mailto:Michael.Zevenbergen@usdoj.gov)>; [mckenna.elizabeth@epa.gov](mailto:mckenna.elizabeth@epa.gov); Vrooman Gary L <[gary.l.vrooman@doj.state.or.us](mailto:gary.l.vrooman@doj.state.or.us)>; Young, Hunter <[Young.Hunter@epa.gov](mailto:Young.Hunter@epa.gov)>; THOMAS Wesley \* DEQ <[Wesley.THOMAS@deq.oregon.gov](mailto:Wesley.THOMAS@deq.oregon.gov)>; PARRETT Kevin \* DEQ <[Parrett.Kevin@deq.state.or.us](mailto:Parrett.Kevin@deq.state.or.us)>; SEIDEL Paul \* DEQ <[Paul.SEIDEL@deq.oregon.gov](mailto:Paul.SEIDEL@deq.oregon.gov)>; Ebright, Stephanie <[EBRIGHT.STEPHANIE@EPA.GOV](mailto:EBRIGHT.STEPHANIE@EPA.GOV)>

**Subject:** RE: [External]NWN Gasco

Hello everyone,

Patty and I appreciate your time to discuss the path forward for the Gasco Sediments Design and DEQ Source Control Design for Gasco. As requested, we've attempted to summarize the outcome of our discussion in the attached framework. Please let us know if we missed anything, if something should be phrased differently, or if you would like to have another call to discuss the details. If this provides an acceptable path forward, please confirm by reply to this email, and we will direct our design-build team to prepare the deliverables consistent with this approach.

Thank you,

Bob

-----Original Appointment-----

**From:** Patty Dost <[pdost@pearllegalgroup.com](mailto:pdost@pearllegalgroup.com)>

**Sent:** Tuesday, May 23, 2023 9:35 AM

**To:** Patty Dost; Zevenbergen, Michael (ENRD); [mckenna.elizabeth@epa.gov](mailto:mckenna.elizabeth@epa.gov); Gary Vrooman ([gary.l.vrooman@doj.state.or.us](mailto:gary.l.vrooman@doj.state.or.us)); Wyatt, Robert; Young, Hunter; THOMAS Wesley \* DEQ

**GASCO0051556**

**Subject:** [External]NWN Gasco

**When:** Wednesday, June 14, 2023 3:00 PM-4:00 PM (UTC-08:00) Pacific Time (US & Canada).

**Where:** <https://us02web.zoom.us/j/89905564262?pwd=MERvbjRMTVM0TTMrMzI5L1hYWwHg0Zz09&from=addon>

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Patty Dost is inviting you to a scheduled Zoom meeting.

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**GASCO0051557**