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**REDACTED**

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**From:** Young, Hunter <Young.Hunter@epa.gov>

**Sent:** Friday, September 8, 2023 2:14 PM

**To:** Jen Mott <jmott@anchorqea.com>; Bob Wyatt <rjw@nwnatural.com>; Ryan Barth <rbarth@anchorqea.com>

**Cc:** Patricia Dost <pdost@pearllegalgroup.com>; Peterson, Lance <petersonle@cdmsmith.com>; Azhar, Wardah <azharw@cdmsmith.com>; Joe Smith <jsmith@anchorqea.com>; Billie-Jo Gauley <bgauley@anchorqea.com>; Crystal, Mike <mdcrystal@sevenson.com>; Rob Ede <robe@hahnenv.com>

**Subject:** RE: Gasco Sediments: In Situ Stabilization and Solidification Field Pilot Study Work Plan

Bob, Ryan, Jen,

See attached for EPA's Conditional Approval and Responsiveness Comments on the *Revised In Situ Stabilization and Solidification Field Pilot Study Work Plan* for the Gasco Sediments Project Area within the Portland Harbor Superfund Site. Note that Approval is conditioned on NW Natural adequately addressing EPA's responses and providing a final version of the document.

Let me know if you have any questions.

Thank you,

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:** Jen Mott <jmott@anchorqea.com>

**Sent:** Monday, August 21, 2023 3:48 PM

**To:** Young, Hunter <Young.Hunter@epa.gov>

**Cc:** [pdost@pearllegalgroup.com](mailto:pdost@pearllegalgroup.com); Peterson, Lance <petersonle@cdmsmith.com>; Azhar, Wardah

**GASCO0052476**

<[azharw@cdmsmith.com](mailto:azharw@cdmsmith.com)>; [rbarth@anchoragea.com](mailto:rbarth@anchoragea.com); Joe Smith <[jsmith@anchoragea.com](mailto:jsmith@anchoragea.com)>; Billie-Jo Gauley <[bgauley@anchoragea.com](mailto:bgauley@anchoragea.com)>; [rjw@nwnatural.com](mailto:rjw@nwnatural.com); Crystal, Mike <[mcdcrystal@sevenson.com](mailto:mcdcrystal@sevenson.com)>; [robe@hahnenv.com](mailto:robe@hahnenv.com)

**Subject:** RE: Gasco Sediments: In Situ Stabilization and Solidification Field Pilot Study Work Plan

Hunter,

The following email is provided on behalf of Ryan Barth.

Below please find the link to download the *Revised In Situ Stabilization and Solidification Field Pilot Study Work Plan* (Work Plan) prepared on behalf of NW Natural. The Work Plan was revised to address EPA's comments dated July 27, 2023, on the *In Situ Stabilization and Solidification Field Pilot Study Work Plan* dated June 9, 2023, for the Gasco Sediments Site Project Area.

 [2023-08-21 Gasco Sediments Revised ISS FPSWP](#)

NW Natural appreciates the U.S. Environmental Protection Agency's (EPA's) willingness to expedite review of the revised Work Plan. To achieve completion of the Work Plan in-water scope of work by the end of the in-water construction window on October 31, NW Natural requests EPA approval of the Work Plan by Friday September 8. NW Natural's Design-build Team is available to discuss any questions or comments during EPA's review period to facilitate EPA's approval by that deadline.

Please let us know if you have any questions during your review or if you would like to hold a call to discuss anything.

Regards,  
Ryan

Jen Mott  
Project Coordinator  
Anchor QEA, LLC  
[jmott@anchoragea.com](mailto:jmott@anchoragea.com)  
6720 S Macadam Ave, Suite 300, Portland, OR 97219  
(503) 972-5014

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**From:** Young, Hunter <[Young.Hunter@epa.gov](mailto:Young.Hunter@epa.gov)>

**Sent:** Thursday, July 27, 2023 10:22 AM

**To:** Jen Mott <[jmott@anchoragea.com](mailto:jmott@anchoragea.com)>; Bob Wyatt <[rjw@nwnatural.com](mailto:rjw@nwnatural.com)>

**Cc:** Patricia Dost <[pdost@pearllegalgroup.com](mailto:pdost@pearllegalgroup.com)>; Peterson, Lance <[petersonle@cdmsmith.com](mailto:petersonle@cdmsmith.com)>; Azhar, Wardah <[azharw@cdmsmith.com](mailto:azharw@cdmsmith.com)>; Ryan Barth <[rbarth@anchoragea.com](mailto:rbarth@anchoragea.com)>; Joe Smith <[jsmith@anchoragea.com](mailto:jsmith@anchoragea.com)>; Billie-Jo Gauley <[bgauley@anchoragea.com](mailto:bgauley@anchoragea.com)>; Crystal, Mike <[mcdcrystal@sevenson.com](mailto:mcdcrystal@sevenson.com)>; Rob Ede <[robe@hahnenv.com](mailto:robe@hahnenv.com)>; THOMAS Wesley \* DEQ <[wesley.thomas@deq.oregon.gov](mailto:wesley.thomas@deq.oregon.gov)>

**Subject:** RE: Gasco Sediments: In Situ Stabilization and Solidification Field Pilot Study Work Plan

**GASCO0052477**

Bob,

See attached for EPA's comments on the *In Situ Stabilization and Solidification Field Pilot Study Work Plan*.

Let me know if you have any questions.

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:** Jen Mott <[jmott@anchoragea.com](mailto:jmott@anchoragea.com)>  
**Sent:** Friday, June 9, 2023 3:37 PM  
**To:** Young, Hunter <[Young.Hunter@epa.gov](mailto:Young.Hunter@epa.gov)>  
**Cc:** [rjw@nwnatural.com](mailto:rjw@nwnatural.com); [pdost@pearllegalgroup.com](mailto:pdost@pearllegalgroup.com); Peterson, Lance <[peterstone@cdmsmith.com](mailto:peterstone@cdmsmith.com)>; Wardah Azhar <[azharw@cdmsmith.com](mailto:azharw@cdmsmith.com)>; [rbarth@anchoragea.com](mailto:rbarth@anchoragea.com); Joe Smith <[jsmith@anchoragea.com](mailto:jsmith@anchoragea.com)>; Billie-Jo Gauley <[bgauley@anchoragea.com](mailto:bgauley@anchoragea.com)>; Crystal, Mike <[mcrystal@sevenson.com](mailto:mcrystal@sevenson.com)>; [robe@hahnenv.com](mailto:robe@hahnenv.com)  
**Subject:** Gasco Sediments: In Situ Stabilization and Solidification Field Pilot Study Work Plan

Hunter,

The following email is provided on behalf of Ryan Barth.

NW Natural appreciates the U.S. Environmental Protection Agency's (EPA's) willingness to expedite a field pilot study for detailed evaluation of in situ stabilization and solidification (ISS) treatment technology at the Gasco Sediments Site Project Area (Project Area). Below please find the link to download the *In Situ Stabilization and Solidification Field Pilot Study Work Plan* (Work Plan) prepared on behalf of NW Natural for EPA review. This Work Plan has been prepared by NW Natural's Design Team, which includes Anchor QEA, Sevenson Environmental Services, and Hahn and Associates. This Work Plan summarizes the proposed in situ stabilization and solidification field pilot study within a representative portion of the Project Area. The pilot study data and lessons learned will be used to allow the treatment technology, ISS, to be fully developed during remedial design. NW Natural would like to implement this field pilot study as soon as possible to 1) incorporate more detailed design information earlier in the design process (i.e., in the Interim Design) to support EPA's review and minimize the potential for substantive design changes during development of the Final Design; and 2) inform the means and methods elements of design and ensure Interim and Final Design documents can be produced without delay. To achieve implementation during the forthcoming 2023 in-water work window, we request EPA's feedback by the middle of July.

As always, please let us know if you have any questions during your review and/or would like to have

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a call/meeting to discuss anything.

Regards

Ryan

 [2023-06-09 Gasco Sediments ISS Field Pilot Study Work Plan](#)

Jen Mott

Project Coordinator

**Anchor QEA, LLC**

[jmott@anchorqea.com](mailto:jmott@anchorqea.com)

6720 S Macadam Ave, Suite 125, Portland, OR 97219

(503) 972-5014

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