

---

**REDACTED**

---

**From:** Young, Hunter <Young.Hunter@epa.gov>  
**Sent:** Thursday, July 20, 2023 12:21 PM  
**To:** Ryan Barth <rbarth@anchorqea.com>  
**Cc:** Peterson, Lance <peterstone@cdmsmith.com>; Bob Wyatt <rjw@nwnatural.com>; Patricia Dost <pdost@pearllegalgroup.com>; Jen Mott <jmott@anchorqea.com>; Nik Bacher <nbacher@anchorqea.com>  
**Subject:** RE: Conditional Approval Request - Gasco Sediments Site Riverbank Angled Borings

Bob, Ryan,

EPA approves drilling of the two riverbank angled borings co-located with PDI-137 and PDI-142, both to be advanced at a 45-degree angle.

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

---

**From:** Ryan Barth <[rbarth@anchorqea.com](mailto:rbarth@anchorqea.com)>  
**Sent:** Wednesday, July 19, 2023 5:40 PM  
**To:** Young, Hunter <[Young.Hunter@epa.gov](mailto:Young.Hunter@epa.gov)>  
**Cc:** Peterson, Lance <[peterstone@cdmsmith.com](mailto:peterstone@cdmsmith.com)>; [rjw@nwnatural.com](mailto:rjw@nwnatural.com); [pdost@pearllegalgroup.com](mailto:pdost@pearllegalgroup.com); [jmott@anchorqea.com](mailto:jmott@anchorqea.com); Nik Bacher <[nbacher@anchorqea.com](mailto:nbacher@anchorqea.com)>  
**Subject:** Conditional Approval Request - Gasco Sediments Site Riverbank Angled Borings

Hunter –

NW Natural was notified today that our sonic boring contractor currently completing sediment borings within the Gasco Sediments Site Project Area is available to transfer their sonic boring rig to the Gasco and Siltronic properties next week prior to an extended period of work for other clients. To expedite this data collection, NW Natural would like to use this opportunity to complete the two proposed riverbank angled borings described in the *Additional Revised In Situ Stabilization and Solidification Bench Scale Treatability Study Work Plan* prepared by Anchor QEA and dated May 19, 2023. NW Natural received EPA's conditional approval and associated minor additional comments dated June 29, 2023, regarding the riverbank angled boring scope of work. Specifically, EPA's additional response to To Be Considered Comment 3 recommended that the single proposed riverbank boring sampling location on the Gasco property be repositioned from co-location with PDI-134 to PDI-137 and the borings be advanced at a 45-degree angle. NW Natural agrees to make these revisions to the forthcoming revised *Final Revised In Situ Stabilization and Solidification Bench Scale Treatability Study Work Plan* and associated response to comments that will be submitted in the coming weeks. Based on this agreement, please confirm whether NW Natural is approved to collect and subsample these riverbank angled borings next weeks. Thanks.

**Ryan Barth, P.E.**

Principal

**ANCHOR QEA, LLC**

1201 3rd Avenue, Suite 2600

Seattle, WA 98101

T 206.287.9130

D 206.903.3334

C 206.719.3605

**ANCHOR QEA, LLC**

Please consider the environment before printing this email.

This electronic message transmission contains information that may be confidential and/or privileged work product prepared in anticipation of litigation. The information is intended for the use of the individual or entity named above. If you are not the intended recipient, please be aware that any disclosure, copying, distribution, or use of the contents of this information is prohibited. If you have received this electronic transmission in error, please notify us by telephone at 206.287.9130.