REDACTED

From: Jen Mott
Sent: Friday, January 13, 2023 1:31 PM
To: Hunter Young (young.hunter@epa.gov) <young.hunter@epa.gov>
Cc: Wyatt, Robert <robert.wyatt@nwnatural.com>; Patty Dost (pdost@pearllegalgroup.com) <pdost@pearllegalgroup.com>; Ryan Barth <rbarth@anchorqea.com>; Joe Smith <jsmith@anchorqea.com>; Lance Peterson (PetersonLE@cdmsmith.com) <petersonle@cdmsmith.com>; Wardah Azhar (azharw@cdmsmith.com) <azharw@cdmsmith.com>
Subject: Gasco Sediments: Additional Depth of Contamination Characterization Addendum

Hunter,

The following email is provided on behalf of Ryan.

Hunter –

Attached for EPA's review and approval please find a memorandum entitled *Additional Depth of Contamination Characterization Addendum within the Gasco Sediments Site Project Area* (Addendum). This addendum presents NW Natural's proposed additional subsurface sediment characterization to complete the remedial design for the Full Dredge and In Situ Stabilization and Solidification (ISS) Design presented in the Preferred Alternative Report (PAR; Anchor QEA 2022) for the Gasco Sediments Site Project Area (Project Area). Over one hundred subsurface sediment cores have been collected previously throughout the Project Area under EPA-approved work plans. The bottom depth of contamination (DOC) based on exceedances of ROD Table 21 remedial action levels (RALs) and the presence of principal threat waste (PTW), and as described in EPA's *Remedial Design Guidelines and Considerations—Portland Harbor Superfund Site, Portland, Oregon*, was not identified in 58 cores and riverbank angled borings collected in the Project Area, so additional deeper vertical characterization is required to achieve the Full Dredge and ISS Design objectives. The Addendum describes the additional pre-design investigation activities to determine the DOC throughout the

Project Area using EPA-approved sampling and analysis methodologies detailed in the *Revised Pre-Remedial Design Data Gaps Work Plan* (Anchor QEA 2019), with some changes to allow for deeper subsurface characterization to identify the remainder of the DOCs throughout the Project Area. A *Pre-Remedial Design Data Gaps Field Sampling Plan Addendum* and *Pre-Remedial Design Data Gaps Quality Assurance Project Plan Addendum* accompany this Addendum as Appendices A and B, respectively.

NW Natural would like to perform this additional characterization as soon as possible to facilitate completion of the forthcoming ISS Field Pilot Study during the 2023 in-water work window. As always, do not hesitate to contact Bob or me during your review. We look forward to your feedback. Regards.

Ryan Barth, P.E.
Principal

Jen Mott
Project Coordinator
Anchor QEA, LLC
jmott@anchorqea.com
6720 S Macadam Ave, Suite 125, Portland, OR 97219
(503) 972-5014