

**NW Natural Pre-Remedial Design Data Gaps Sampling
US Moorings Project Area Second Phase PDI – Spring 2023
Field Change Request Form**

Project Name: US Moorings Project Area **Subconsultant:** Anchor QEA, LLC

Field Activity: Surface and Subsurface Sediment Sampling **Request Number:** 3

To: Hunter Young, U.S. Environmental Protection Agency **Date:** June 29, 2023

Field Change Request (FCR) Title: Elimination of Bulk Density Analysis

Description
While reviewing the <i>Final Revised First Phase Pre-Design Investigation Data Summary Report and Second Phase Pre-Design Investigation Work Plan</i> during finalization of the fieldwork, we identified a minor discrepancy between the Appendix G <i>Second Phase Pre-Design Investigation Field Sampling Plan</i> and Appendix H <i>Second Phase Pre-Design Investigation Quality Assurance Project Plan</i> . For surface grab and depth of contamination (DOC) subsurface sediment samples, bulk density (ASTM D7263) was not included in the geotechnical index parameter testing analyte list in Appendix G (see Section 5.1) but was erroneously included in Appendix H Tables H-2 and H-3.

Recommended Change
Consistent with Appendix G and previously U.S. Environmental Protection Agency-approved pre-design investigations for the Gasco Sediments Site Project Area and US Moorings Project Area, NW Natural proposes to not analyze bulk density in surface grab or DOC samples given there is no remedial design use for this data.

<u>Nik Bacher, Anchor QEA</u>		<u>June 29, 2023</u>
Respondent Field Coordinator (or Designee)	Signature	Date

Approval:

<u>Ryan Barth, Anchor QEA</u>		<u>June 29, 2023</u>
Respondent Project Lead	Signature	Date

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Distribution List:

Hunter Young, EPA
young.hunter@epa.gov; 503-326-5020

Lance Peterson, CDM Smith
PetersonLE@cdmsmith.com; 425-519-8382

Bob Wyatt, NW Natural
rjw@nwnatural.com; 503-226-4211, ext. 5425

Patty Dost, Pearl Legal Group PC
pdost@pearllegalgroup.com; 503-467-4675

Art Leskowich, USACE
Arthur.F.Leskowich@usace.army.mil; 503-808-5407

Ryan Barth, Anchor QEA
rbarth@anchoragea.com; 206-903-3334

Nik Bacher, Anchor QEA
nbacher@anchoragea.com; 206-903-3376

Natalie Lynch, Anchor QEA
nlynch@anchoragea.com; 201-571-0917

Delaney Peterson, Anchor QEA
dpeterson@anchoragea.com; 360-715-2707