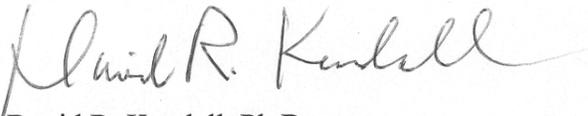


SUBJECT: DMMP DETERMINATION ON THE POST-CONSTRUCTION SEDIMENT SURFACE QUALITY VERIFICATION COMPLIANCE WITH THE WASHINGTON STATE ANTIDegradation POLICY FOR THE SEATTLE PARKS DEPARTMENT FOR THE SOUTH LAKE UNION PROJECT (2005-00492).

1. The DMMP agencies evaluated the background information pertaining to this project and determine that testing of the newly exposed surface (e.g., Z-sample horizon: top 1 foot of newly exposed surface) will be required as part of this permitted action. Testing shall occur after the excavation and removal of approximately 5,340 cy of debris from the shoreline and adjacent waters from the City of Seattle Park located at the South end of Lake Union has been completed and before placing slope stabilizing material, pea gravel/fish mix, etc.
2. The testing of the shoreline and adjacent new sediment surface (Z-sample) underlying the debris and material to be removed will be evaluated using a core sample of the top 3 feet of new surface sediment for compliance with the Washington State antidegradation policy (Sediment Management Standards, 173-204 WAC). The DMMP agencies prefer that a Z-sample be obtained before removal of the debris material if at all possible.
3. If the sample or samples cannot be obtained prior to removal of the material under the permit, the sample will be obtained as soon as possible (within a few days) after completing the construction material removal, and before placing slope stabilizing material, pea gravel/fish mix, as follows: A 3-foot core sample of the new surface will be obtained and sectioned into 0-1 ft, 1-2 ft, and 2-3 ft samples. The 0-1 ft section sample will be analyzed for COC of concern, and the COC list must be developed in coordination with the DMMP/Ecology Toxics Cleanup Program. If the analysis results show the new surface (0-1 ft) meets the antidegradation policy for Washington State, no additional testing is required. However, if the results come back demonstrating degraded sediment quality, the next section will be analyzed (e.g., 1-2 ft), and examined accordingly. If the results show a degraded sediment relative to SMS criteria the next core section (2-3 ft) will be analyzed.
4. Testing results will be reviewed for compliance with the antidegradation policy. Additional dredging/excavation of the contaminated new surface material (0-3 ft) may be required if the results show that the surface sediment quality is still degraded, after examining all three sections. These actions are required before placing slope stabilizing material, pea gravel/fish mix, etc to ensure compliance with the antidegradation policy.
5. This post-construction evaluation and potential additional dredging/excavation will be required as a special condition to the Corps Section 404/10 permit.
6. DMMP staff strongly urges the applicant to prepare a Sampling and Analysis Plan that meets the DMMP objectives highlighted above, but to also coordinate with Ecology's Toxics Cleanup Program (Mr. Grant Yang) to ensure the SAP will provide data for evaluating risk associated with in-place surface sediments in this area. All technical information collected and evaluated by DMMP staff will be shared with Ecology's sediment cleanup staff.

7. This determination was reviewed by the DMMP agency representatives and all concurred with this recommendation.



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Copies Furnished:

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DMMO File