

27 April 2005

SUBJECT: DMMP DETERMINATION ON THE POST-CONSTRUCTION SEDIMENT SURFACE QUALITY VERIFICATION COMPLIANCE WITH THE WASHINGTON STATE ANTIDegradation POLICY FOR THE PORT OF SEATTLE TERMINAL 103 BARGE BERTH MAINTENANCE DREDGING PROJECT (2004-01462).

1. The DMMP agencies evaluated the background information pertaining to this project, and have determined that testing of the surface exposed (e.g., Z-sample horizon: top 1 foot of newly exposed surface) after removing the construction material (e.g., riprap, crushed rock, and aggregate) spilled at the barge offloading facility will be required as part of this permitted action.
2. The testing of the new surface (Z-sample) underlying the construction material removed will be evaluated by a core sample of the top 3 feet of new surface relative to Sediment Management Standards compliance with the Washington State antidegradation policy. The DMMP agencies prefer that a Z-sample be obtained before removal of the construction material if at all possible.
3. If the sample 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 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 DMMP COC of concern. 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 the next core section (2-3 ft) will be analyzed.
4. After examining the testing results for compliance with the antidegradation policy, if the results show that the surface sediment quality is still degraded, after examining all three sections, then additional dredging of the contaminated new surface material (0-3 ft) will be required, and then backfilled with 2-3 feet of clean material as a temporary CAP until CERCLA evaluates the site for further attention/action.
5. This post-construction evaluation and possible remediation will be required as a special condition to the Corps Section 404/10 permit. The technical information will be provided to EPA Superfund.
6. This determination was reviewed by the DMMP agency representatives and all concurred with this recommendation.



David R. Kendall, Ph.D.  
Chief, Dredged Material Management Office

Copies Furnished:  
Jessica Winkler, Corps Regulatory Branch Project Manager  
John Malek/Jonathan Freedman, EPA  
Ravi Sanga, EPA Superfund  
Tom Gries, Ecology  
Cinde Donoghue, Ecology  
Peter Leon, DNR  
DMMO File