CENWS-OD-ME-DMMO

Memorandum for Record April 15, 2013

SUBJECT: FREQUENCY DETERMINATION FOR THE PROPOSED 2013/2014 DREDGING OF THE DUWAMISH WATERWAY FEDERAL NAVIGATION CHANNEL AND TURNING BASIN (Public Notice CENWS-OD-TS-NS-39), KING COUNTY, WASHINGTON.

1) Introduction. This memorandum reflects the consensus determination of the Dredged Material Management Program agencies (U.S. Army Corps of Engineers, Washington Departments of Ecology and Natural Resources, and the Environmental Protection Agency) regarding the application of the DMMP frequency guidelines to proposed dredging of the Duwamish Waterway federal navigation channel and turning basin with in-water disposal at the DMMP nondispersive disposal site in Elliott Bay.

   The Corps of Engineers plans to dredge 35,000 cubic yards from the Duwamish turning basin and 40,000 cy from Section A of the navigation channel (Figure 1) for a total of 75,000 cy. Dredging will occur from December 2013 to February 2014.

2) Background. The Duwamish turning basin and Section A of the navigation channel require maintenance dredging every two to three years. In-water disposal of maintenance dredged material from these two areas was most recently approved in a DMMP suitability determination on July 22, 2011. In that determination, the rankings of the turning basin and Section A of the navigation channel were documented as low-moderate and moderate respectively and a recency period of 5 to 7 years was provided.

3) Frequency Determination. The frequency guidelines refer to the extent of time a given dredging project can be maintained with repeated dredging without further testing. The recency and frequency periods for a given project are typically the same. Therefore, a frequency period of 5 to 7 years would apply to the turning basin and Section A of the navigation channel, extending to April 2016 at a minimum. Under the frequency guidelines, sediment sampling and testing would not be needed for this cycle of dredging. Coordination was conducted with the other DMMP agencies with regard to this frequency determination and the agencies agreed that sampling and testing are not required.

The signed document is on file in the Dredged Material Management Office.

David Fox
Dredged Material Management Office

Copies furnished:

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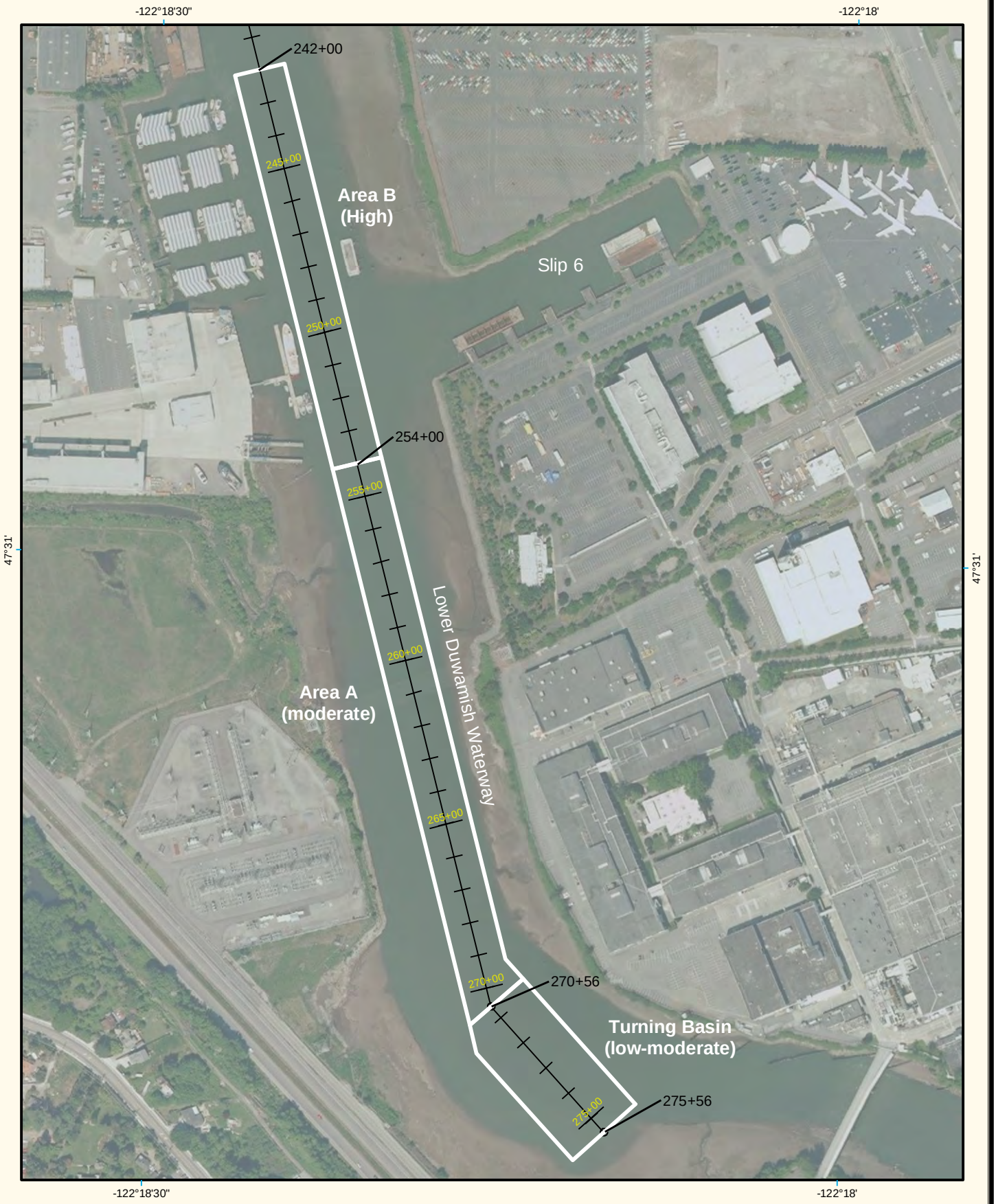

Figure 1 Area Designation

N

0 125 250 500 Feet

NEWFIELDS

L. Delwiche, Mar 2011