

CENWS-OD-TS-NR

MEMORANDUM FOR RECORD

November 12, 2015

SUBJECT: DMMP RECENCY EXTENSION FOR MAINTENANCE DREDGING AT THE SKYLINE MARINA, ANACORTES, WA (NWS-2009-00695).

1. Sampling for characterization of dredged material at the Skyline Marina occurred in April 2009. A Dredged Material Management Program suitability determination based on that sampling event was issued August 19, 2009 (DMMP 2009). The Skyline Marina project was ranked moderate. The recency period for moderate-ranked projects is five years. Therefore, the previous characterization for the marina expired in April 2014, five years from the last sampling event in April 2009.
2. The Marina requested an extension to the Suitability Determination recency in a letter to the DMMP agencies dated September 18, 2015, for a small amount of maintenance dredging associated with a dock renovation planned for early 2016 (Figure 1). The Marina proposes to remove up to 750 CY of material from DMMU13 (Figure 2). The dredged material will be placed either in the intertidal zone to the west of the channel entrance to the marina or at an upland location over 1000 feet away from the water on existing marina property.
3. The original suitability determination approved the removal of up to 105,700 CY of material, including 8,200 CY from DMMU13. No chemicals of concern exceeded DMMP screening levels or Sediment Quality Standards (SQS) criteria, and all 105,700 CY of proposed dredged material were found suitable for unconfined open-water disposal at the Rosario Strait dispersive site or for an appropriate Beneficial Use project in Fidalgo Bay. Approximately 50,000 CY of dredged material was subsequently removed from the marina as part of the initial dredge event. The majority of this material (45,865 CY) was disposed at Rosario Strait; the remaining material was disposed upland (76 CY) or at the Fidalgo Bay mitigation site (3,390 CY).
4. Since the original suitability determination, the DMMP screening levels for two chemicals (hexachlorobutadiene and dieldrin) have been revised to levels (11 and 1.9 mg/kg, respectively) that are now below the maximum non-detect concentrations reported in the 2009 sediment data (20 and 2.0 mg/kg, respectively). Given that hexachlorobutadiene and dieldrin were non-detect in all samples, the DMMP agencies concur that the presence of one or both compounds above the screening level is unlikely.
5. There have been no known spill events or other historical events in the project area since the original suitability determination was issued. A review of the Washington State Department Ecology's cleanup database indicates that the nearest cleanup listing (an underground storage tank) is inland and on the far side of the main road that runs along the waterfront. This cleanup is approximately 400 ft from the waterfront and 750 ft north of DMMU13 and is unlikely to have impacted the sediments in the Marina since the last sediment characterization in April 2009. Therefore, there is no reason to believe that the condition of the sediments at the site have changed from what was documented in the August 2009 suitability determination.
6. On the basis of the existing information, the DMMP agencies are in agreement that a recency extension for Skyline Marina is acceptable. This recency extension covers maintenance dredging in Skyline Marina through April 2016. Any proposed dredging work after April 2016 will require a full characterization of the material to be removed.

7. A pre-dredge meeting or conference call with the USACE Seattle District Regulatory Branch project manager and DMMP agencies is still required prior to dredging. A dredging quality control plan must be developed and submitted to the Seattle District Regulatory project manager for dredging at least 7 days prior to the pre-dredge meeting.

8. References:

DMMP, 2009. Determination Regarding the Suitability of Proposed Dredged Material for the City of Anacortes, Skyline Marina, Anacortes, Washington Project (NWS-2009-695) Evaluated Under Section 404 of the Clean Water Act for either Open-Water Disposal at the Rosario Strait Dispersive Disposal Site, or an Appropriate Beneficial Use Site in Fidalgo Bay.

Marine Surveys & Assessments, 2015. Letter *RE: Skyline Marina Renovation Suitability Determination (NWS-2009-695)*. September 18, 2015.

7. Agency Signatures.

signed copy on file in DMMO - Seattle District office

Concur:

Date Heather Fourie – U.S. Army Corps of Engineers, Seattle District

Date Erika Hoffman - Environmental Protection Agency

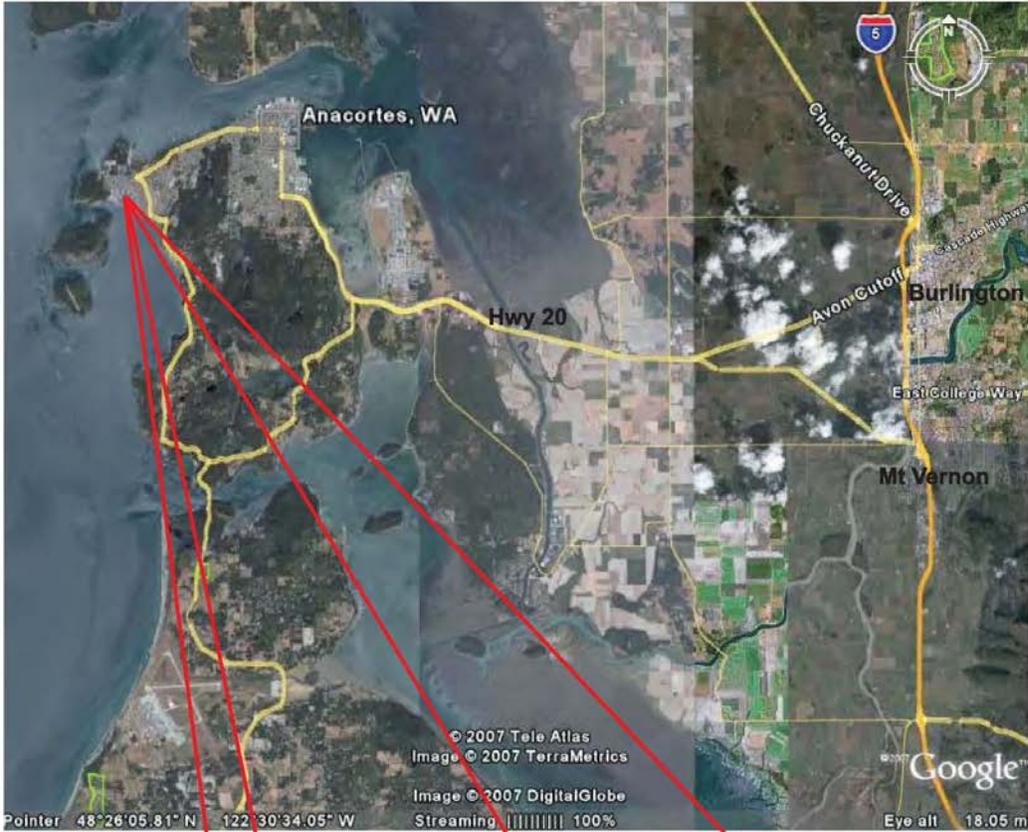
Date Laura Inouye, Ph.D. - Washington Department of Ecology

Date Celia Barton - Washington Department of Natural Resources

Copies furnished:

DMMP signatories
Ron Wilcox, Project Manager, Seattle District Regulatory Branch
Amy Leitman, Marine Surveys & Assessments

Figure 1. Location Map



Seattle
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Figure 1
Vicinity Map



Figure 2. DMMU Layout

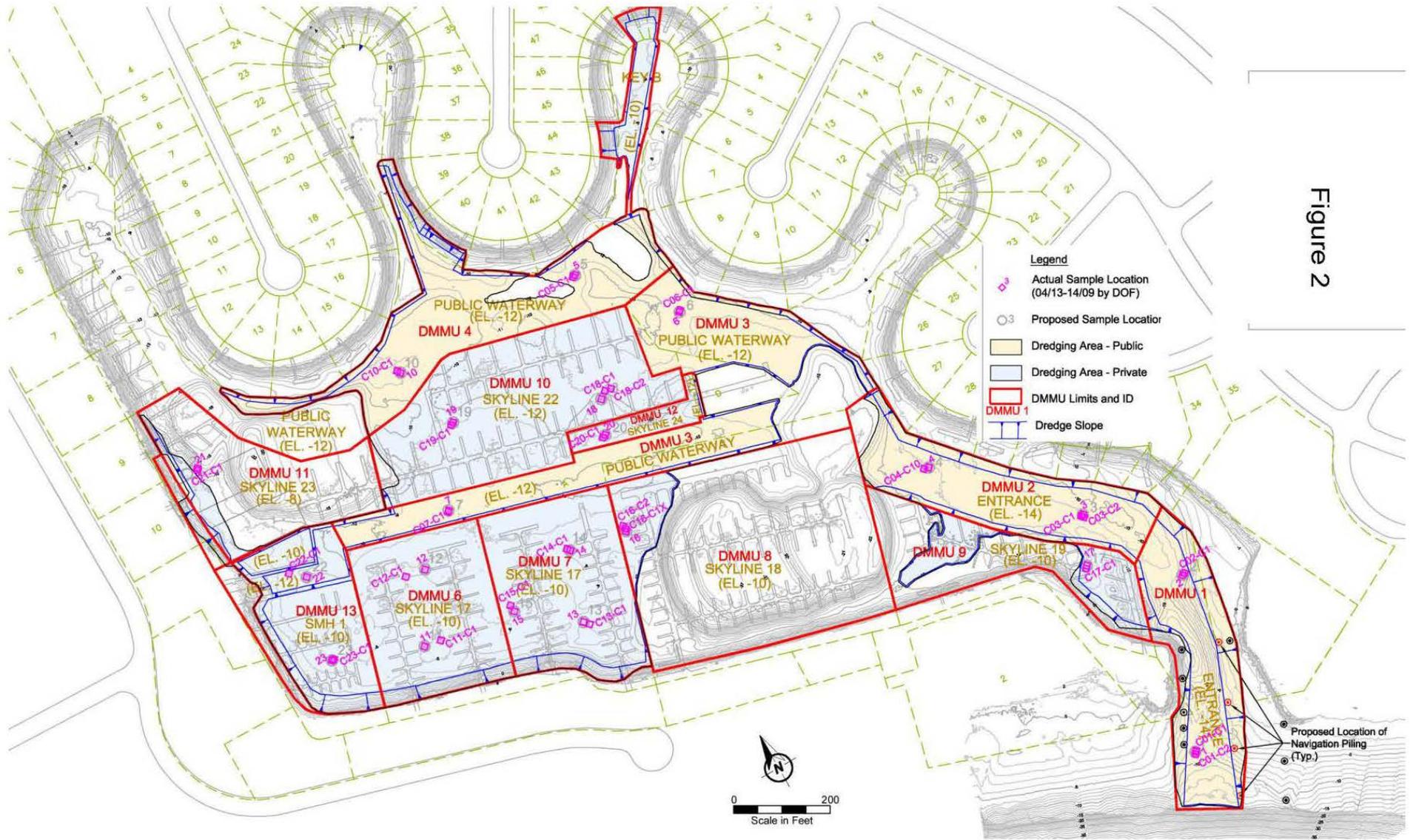
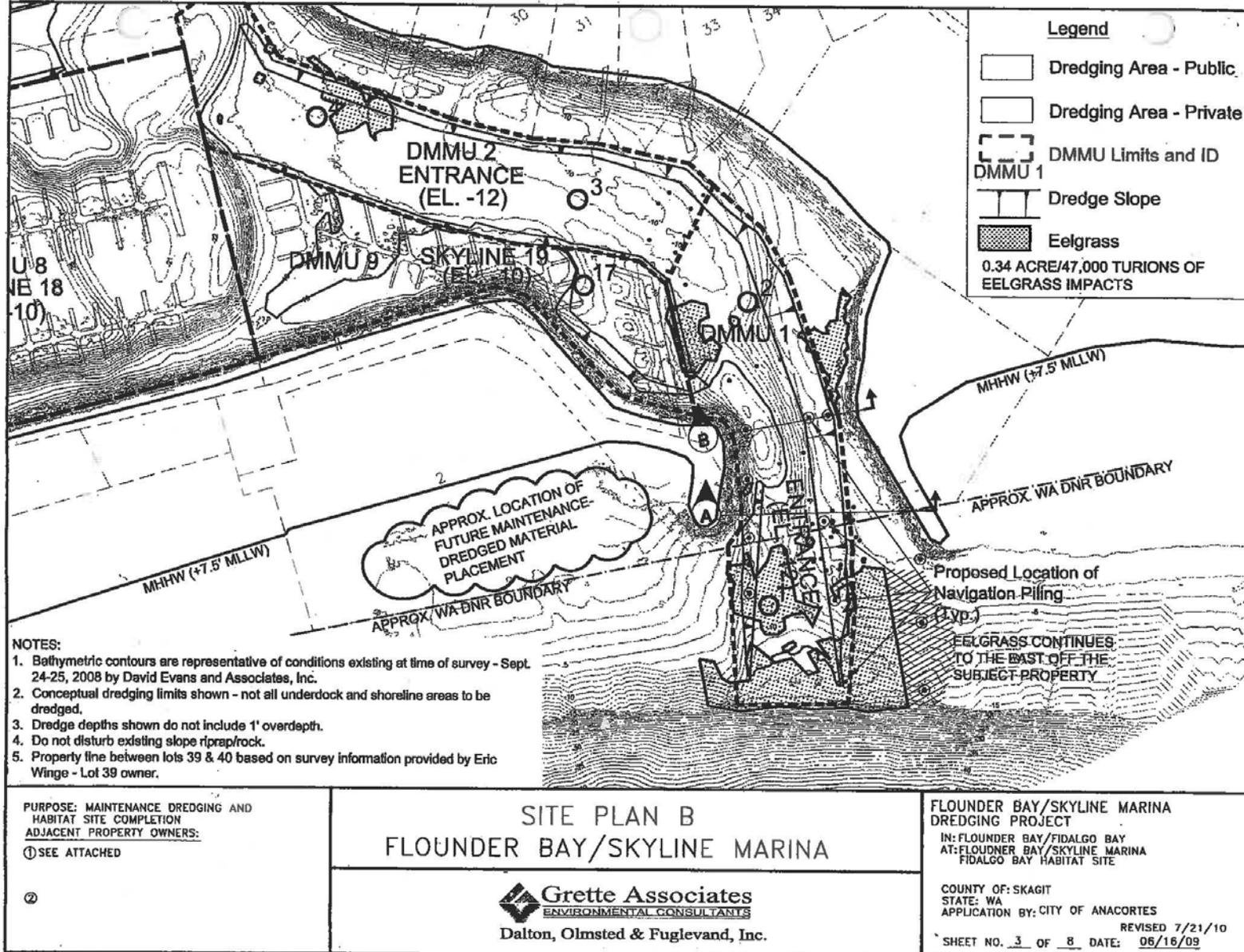


Figure 2

Figure 3. Proposed Disposal Site



Notes: Figure from the 2009 USACE Regulatory permit.