DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, SACRAMENTO DISTRICT
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CESPK 09 June, 2021

MEMORANDUM FOR RECORD

SUBJECT: Presence/Absence Determination and Effects Analysis of/on Threatened or Endangered Species at the Military Ocean Terminal Concord Dredged Material Placement Sites 1 and 2

1. Executive Summary: Based on information in the Integrated Natural Resources Management Plan (INRMP) and a wetlands evaluation (06 January 2021) it was determined that threatened or endangered species do not occur within the two areas (Site 1 and Site 2, shown on **Attachment 1**) proposed for dredged material placement at Military Ocean Terminal Concord (MOTCO).

2. The purpose of this memorandum for record (MFR) is to document whether threatened or endangered species occur within two areas (referred to as Site 1 and Site 2 on **Attachment 1**) at MOTCO proposed for placement of dredged material. Sites 1 and 2 are located west and east of Stevens Road, respectively, approximately one-third mile north of the intersection of Stevens Road and Port Chicago Highway. Site 1 is approximately 4.6 acres in size. Site 2 is approximately 7.8 acres in size. The combined acreage of both sites is approximately 12.4 acres. The sites are 0.6 miles from the shoreline, and 0.15 miles from wetland habitat with two intervening railroad lines.

Initial static screening of the dredge material may be implemented by dumping sediment through a grizzly sifter to remove any munitions 3 inches or larger UXOs on the scow. Dredged material would be pumped from the scows onshore and transported on trucks using existing roads to be placed at Sites 1 and 2. Dredge materials shall be deposited, leveled, and inspected for unexploded ordinance (UXO) in 1-foot lifts. Dredge materials shall be drained of excess water with drainage channels toward the north side of the site, contoured with a gradual slope, and planted with grasses to stabilize the site for grazing. The sites shall be managed to retain materials onsite for future beneficial use.

3. Methods: The potential presence/absence determination of threatened or endangered species consisted of a review of land use in the INRMP and the previous wetland determination. MOTCO routinely monitors for the presence / absence of threatened or endangered species for the INRMP. **Attachment 1** shows the general location in relation to Wharf 4 for comparison with land use maps in the INRMP Appendices (**Attachment 2**). Sites 1 and 2 are managed as

grassland and leased for grazing (**Figure A-7 in Attachment 2**). The wetland evaluation did not identify any wetland indicators at the site (**Attachment 3**).

4. Results: Routine monitoring has not identified the presence of threatened or endangered species at the proposed placement site. Information from the INRMP and wetland evaluation did not identify habitat for Threatened or Endangered Species. The placement of dredge materials at Site 1 and Site 2 would have no effect on threatened or endangered species, and no effect on the habitat of threatened or endangered species that occur on or near MOTCO.

5. Additional Considerations: Dredge materials would be pumped from a barge anchored adjacent to Wharf 4 to the materials processing area on the Wharf 4 parking lot for initial screening of UXO and dewatering. BMPs for the DMPS and the processing area will include berms with vehicle ramps and silt fencing installed to retain sediment onsite, with silt curtains and/or silt fencing at plumbing connections to contain sediment leakage and protect habitat. The pumping route shall be surveyed prior to installation, and plumbing inspected prior to dredging. The plumbing shall be routinely monitored for sediment and turbidity leakage during pumping. If leakage is detected, then pumping shall be halted until the leak is repaired and sediment removed from the habitat.

At the completion of each dredging episode, the DMPS shall be contoured with a gradual slope for drainage and hydroseeded with an approved seed mixture to stabilize the site for grazing between dredging episodes (**Attachment 2**). Trucks shall be steam-cleaned immediately prior to entry onto the installation and upon leaving the installation to prevent the transfer of invasive species.

6. Conclusions: The transfer and placement of dredge materials at the MOTCO DMPS is consistent with the Long-Term Management Strategy for sediment disposal. Use of the DMPS will not result in take, effects on listed species, effects on Essential Fish Habitat, or Critical Habitat.

Attachments:
1. Location map
2. MOTCO INRMP SOP Appendices
3. MFR SPN-2018-00119

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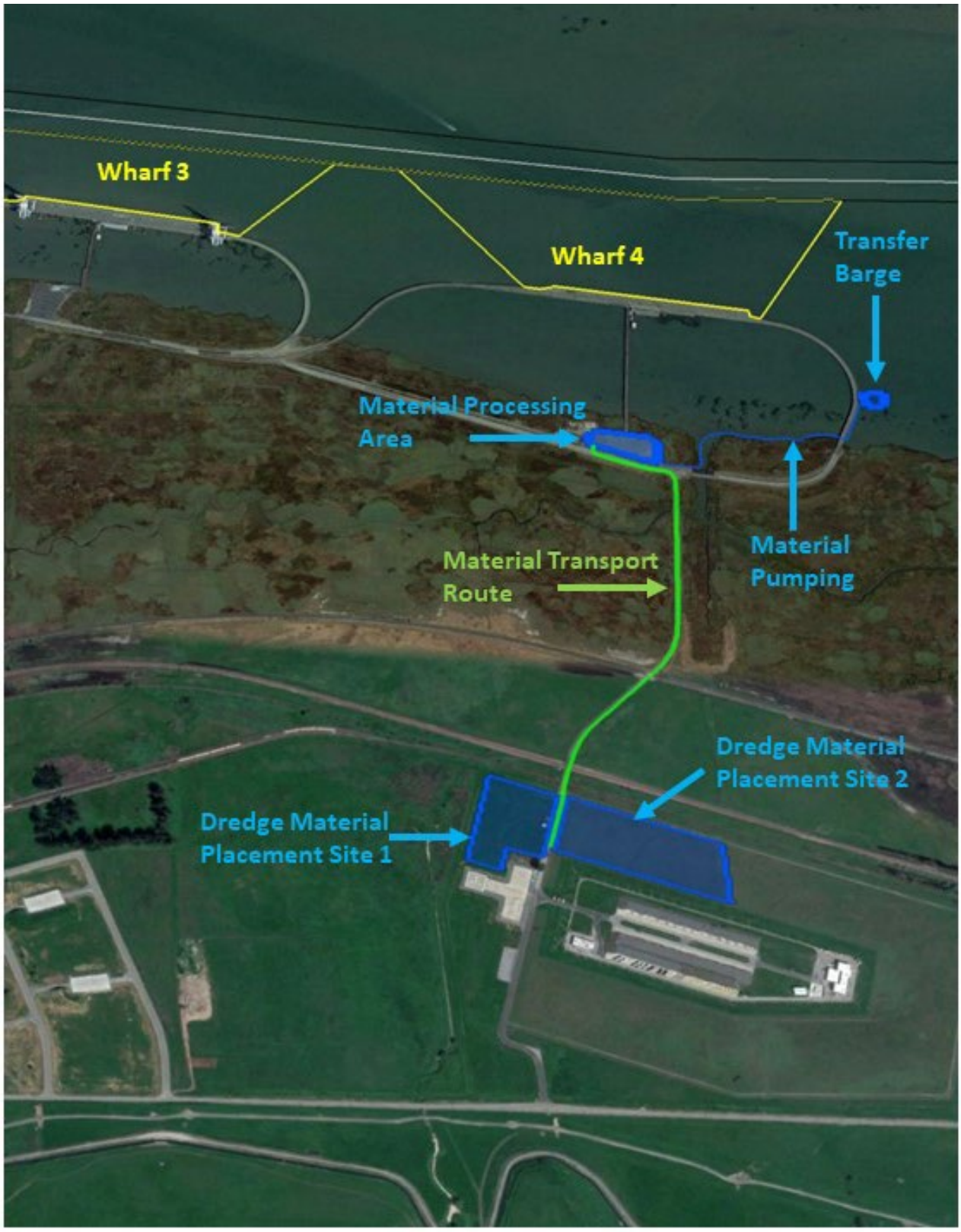

Attachment 1. Location map.

ATTACHMENT 2:

Integrated Natural Resource Management Plan
SOP Appendices

ATTACHMENT 3:

MFR SPN-2018-00119