

**Draft Notes for Wednesday September 28, 2016**  
**Southern California Dredged Material Management Team (SC-DMMT) Meeting**  
US Army Corps of Engineers - Los Angeles District

**Announcements: 10:00 – 10:05**

Announcements. Update the pilot DMMT Tracking Sheet.

**Attendees:**

Melissa Scianni (USEPA)  
Bonnie Rogers (Corps)  
Jessica Vargas (Corps)  
Kevin Yu (Corps)  
Chris Osuch (Anchor QEA)  
KJ May (Port of Hueneme)  
Jack Malone (Anchor QEA)  
Pam Kostka (Corps)  
Jon Moore (Noble Consultants)  
Harry Finney (AET)  
Eric Storey (AET)  
Janna Watanabe (POLB)  
Dylan Porter (POLB)  
James Vernon (POLB)

†Michael Lyons (RWQCB-LA)  
†Allan Ota (EPA)  
†Allan Monji (RWQCB-SD)  
†Lisa Mangione (Corps)  
†Eric Wilkins (CDFW)  
†Larry Simon (CCC)  
†Antal Szijj (Corps)

†Participating by telephone.

**Project #1: 10:05 – 10:30**

- 1) Project name: Port Hueneme Deepening
- 2) Applicant NAME & Applicant affiliation: Corps
- 3) Project type (Regulatory/Navigation): Navigation
- 4) Corps Project Manager name: Larry Smith
- 5) Meeting type (DMMT/CSTF): SC-DMMT
- 6) Purpose/topic (e.g., SAP, SAPR and/or suitability determination): Review SAP

- 7) Presentation? (y/n): no
- 8) Documents provided (emailed or a link): SAP to be provided for dissemination
- 9) Time needed (15, 30, 45 min?): 30 minutes

Notes: USEPA expressed concerns over the maps in the SAP and their inability to read contour lines. They were concerned over the current state of the CAD, what its current elevation is, and possible damage during dredging. They suggested addressing measures in the SAPR on how to avoid damage. The Corps responded that such measures would be addressed in the SEA that will be prepared and distributed for public and agency review and that the SAPR would focus on sediment test results. Corps and Port staff indicated that the top of the CAD was at -50 ft MLLW or deeper and the cap was intact. A new bathymetric survey is being conducted and that survey will be used in the Final SAP with clearer definition of the bottom contour lines, including a highlighted -40 ft MLLW contour to more clearly show dredge areas. Optional bioassay testing was described as limited to solid phase testing to determine toxicity if sediment chemistry was not definitive. Complete bioassay testing is not required as test results generally do not require such testing for beach placement. There are no alternatives to beach or nearshore placement if sediments are not suitable; ocean disposal is not feasible due to distance from the Port to LA-2 (the nearest ocean disposal site). The SAP was not accepted as final pending submittal of a SAP with new maps. Maps should be available within a month and may be distributed for out of cycle review if completed early, or discussed at the next SC-DMMT meeting if not.

**Project #2: 10:30 – 11:15**

- 1) Project name: Port of Hueneme Berth Deepening
- 2) Applicant NAME & Applicant affiliation: Mr. KJ May, Project Engineer, Port of Hueneme
- 3) Project type (Regulatory/Navigation): Regulatory
- 4) Corps Project Manager name: Mr. Antal Szijj
- 5) Meeting type (DMMT/CSTF): DMMT
- 6) Purpose/topic (e.g., SAP, SAPR and/or suitability determination): Draft SAP
- 7) Presentation? (y/n): Yes
- 8) Documents provided (emailed or a link): The Draft SAP and presentation will be provided electronically either by email or an FTP site depending on file size.
- 9) Time needed (15, 30, 45 min?): 45 minutes

Notes: USEPA expressed doubt that full tier III ocean testing was needed for this project because ocean placement was not under consideration and proposed a phased testing approach. An email outlining the phased approach to testing was going to be circulated before the agencies approved the SAP.

A new phased testing approach was circulated to agency staff by Chris Osuch via email on 10/13/2016.

Pursuant to discussion at the September 28, 2016 DMMT meeting, the Oxnard Harbor District is planning to modify the biological testing approach for sediment from Berths 1, 2, and 3 described in Section 5 of the SAP. Because the sediment is not being proposed for disposal at a designated offshore disposal site falling under the requirements of the Marine Protection, Research, and Sanctuaries Act, a phased testing approach will be employed to evaluate sediment for unconfined open water placement within the trenches excavated in the harbor.

Phase I testing will include physical and chemical analyses (as described in Section 4 of the SAP), solid phase testing using an amphipod (*Eohaustorius estuarius*) and a polychaete (*Neanthes arenaceodentata*), and suspended particulate phase testing using bivalve larvae (*Mytilus galloprovincialis*). Results of physical and chemical analyses and the first phase of biological tests will be provided to the DMMT via email to solicit guidance on whether additional biological testing should be performed. If required, Phase II testing will include bioaccumulation potential testing and tissue chemistry. Sufficient sediment will be collected to perform all biological testing proposed in Phases I and II and sediment will be held in compliance with requirements of the OTM and ITM to facilitate this phased approach.

EPA concurred with the proposed phased testing approach. If the phase 1 results will not be available before the bioaccumulation holding times expire, please begin those tests prior to getting DMMT guidance. If DMMT determines they are not needed, they can be terminated at that time.

**Project #3: 11:15 – 11:45**

- 1) Project name: Seaside Lagoon Enhancement Project
- 2) Applicant NAME & Applicant affiliation: Stephen Proud; City of Redondo Beach
- 3) Project type (Regulatory/Navigation): Regulatory
- 4) Corps Project Manager name: Pam Kostka
- 5) Meeting type (DMMT/CSTF): DMMT
- 6) Purpose/topic (e.g., SAP, SAPR and/or suitability determination): SAPR and suitability concurrence
- 7) Presentation? (y/n): N
- 8) Documents provided (emailed or a link): emailed
- 9) Time needed (15, 30, 45 min?): 30 minutes

Notes: SAP results found 100% sand. No issues with chemistry.

USEPA was concerned that no PAH results were found in the chemistry tables. Also, the tables depicting the sediment core testing is confusing. An email was requested to clarify what the numbers in the core depth table mean.

Agencies need clarification through emails on the core sampling and PAH results before they can provide a suitability concurrence.

In Emails dated October 10<sup>th</sup> and October 24<sup>th</sup>, Jon Moore provided the Core Logs and the following clarification: In summary, the existing revetment stone obstructed some of the vibracore drilling as indicated. As a result, two of the proposed drilling locations had to be moved a bit. Vibracore KH16-1A was moved the furthest seaward in order to avoid the surficial stone and obtain representative sediment for testing. The field work also indicated that existing bottom depths near the end of the breakwater are about 2 feet deeper than shown by the 2012 bathymetric data that was used to prepare the preliminary grading plan. The implication of this finding is that less material will need to be excavated and a greater percentage of the material to be removed will be the existing revetment quarry stone. A pre-construction bathymetric survey will be taken within the confines of the proposed excavation area to confirm final quantities.

Please note that all of the vibracores are very closely spaced because the proposed excavation footprint is so small. Not surprisingly, and as indicated by AET, all of the sediment that was collected was similar in appearance and grain size. Consequently, we are confident that we have sampled, tested, and reported on the representative material that will make up the small prism that this project's scope.

EPA Email November 2nd: EPA has reviewed the Seaside Lagoon Enhancement Project September 2016 SAPR, core logs, and October 11 clarification memo. From these documents it appears that material was sampled and tested from below the stated project depth. This makes determining placement site suitability difficult because the results include material that will not be dredged. However, since the core logs did not indicate any visual differences with depth, the material was very sandy, and there were no concerns with the chemistry results, we find the project material suitable for reuse onsite as beach sand. We would like to note that we did not feel resampling was necessary for this project due to the specific facts stated above, and that for other projects with similar sampling issues we may recommend resampling.

**Project #4: 1:00 – 2:00**

- 1) Project name: Middle Harbor Terminal Redevelopment - Project Update and Pier F Cut SAP
- 2) Applicant NAME & Applicant affiliation: Port of Long Beach
- 3) Project type (Regulatory/Navigation): Regulatory
- 4) Corps Project Manager name: Lisa Mangione
- 5) Meeting type (DMMT/CSTF): CSTF
- 6) Purpose/topic (e.g., SAP, SAPR and/or suitability determination): We will be presenting an update on the Port's Middle Harbor Redevelopment Project and presenting the Pier F Cut SAP for approval
- 7) Presentation? (y/n): Yes
- 8) Documents provided (emailed or a link): The Pier F Cut SAP will be provided by 9/21 and the PowerPoint slides for the presentation will be provided prior to the 9/28 meeting.
- 9) Time needed (15, 30, 45 min?): 1 hour

Notes: Pre-SAP presentation for Middle Harbor phase 4.

Melissa Scianni (EPA) – At the end of Middle Harbor Phase 4, how much surcharge may be placed in the Western Anchorage Sediment Storage Site?

POLB – Approximately 300,000 to 400,000 cubic yards

Pier F SAP:

Melissa Scianni (EPA) – Why were sampling locations not placed in the water?

POLB – Sampling locations were not located on the slopes in the water because the slopes are covered with rip rap and are underneath the wharf.

All agencies approved the SAP as presented.

- Agenda POC: Jessica Vargas,
- SC-DMMT materials are available at:  
<http://www.spl.usace.army.mil/Missions/Regulatory/ProjectsPrograms.aspx>.
- Please arrive no more than 10 minutes prior to your scheduled meeting start time.
- Check in with our security office on the 11th floor. Once there, security will call the following person(s) to escort you to the meeting room. Tom Janey; Liz Thomas; Irma Nevarez