

Notes for Wednesday March 22, 2017

Southern California Dredged Material Management Team (SC-DMMT) Meeting
US Army Corps of Engineers - Los Angeles District

Attendees:

Jessica Vargas (Corps)
Jeff Cole (Corps)
Susan Ming (Corps)
Chris Osuch (Anchor QEA)
Jack Malone (Anchor QEA)
KJ May (Anchor QEA)
Melissa Scianni (EPA)
Joe Ryan (Corps)

Phone:

Antal Szijj (Corps)
Robert Smith (Corps)
Larry Simon (CCC)
Michael Lyons (RWQCB – LA)
Shelley Anghera (Anchor QEA)
Larry Smith (Corps)
Allan Ota (EPA)

Announcements: 10:00 – 10:05

Announcements.

Project #1: 10:05 – 10:30

- 1) Project name: Oxnard Harbor District, Port Hueneme Berth Deepening
- 2) Applicant NAME & Applicant affiliation: **Oxnard Harbor District**
- 3) Project type (Regulatory/Navigation): Regulatory
- 4) Corps Project Manager name: Antal Szijj (Regulatory)
- 5) Meeting type (DMMT/CSTF): DMMT
- 6) Purpose/topic (e.g., SAP, SAPR and/or suitability determination): SAR and suitability determination
- 7) Presentation? (y/n): Yes
- 8) Documents provided (emailed or a link): SAR will be provided by March 15
- 9) Time needed (15, 30, 45 min?): 30 minutes

Notes: slide presentation.

Anchor QEA Notes:

* EPA and RWQCB agreed that the trench material is suitable for beach or nearshore placement.

* EPA noted that they found values in the ERED database for PCBs and organotins that were lower than the values in Tables 20 and 21 of the SAR. EPA will send the ERED database information for the specific values to the Port and USACE.

o PCBs 146 ppb for a seastar (Port's observed tissue concentrations are still below this value)

o Dibutyltin 10 ppb for a whelk

o Tributyltin 80 ppb for a different marine snail

* The column heading on Table 20 called "Tissue Concentration" should say "Reference Mean Tissue Concentration".

* EPA requested that the Port evaluate the bioaccumulation data in light of the ERED values they found and provide additional analysis to address them. EPA suggested that it might be appropriate to look at the "Time 0" tissue concentrations, particularly for dibutyltin to account for pre-exposure tissue concentrations. An additional potential step after evaluating the data and EREDA values would be to review the sediment chemical concentrations for the individual cores and if isolated areas have elevated concentrations, those areas could potentially be managed by dredging them first and placing them in the bottom of the trench.

PM notes:

* EPA and Anchor QEA discussed the value of examining individual cores to examine PCB patterns that may explain the bioaccumulation tissue results.

* EPA will provide the referenced item in the ERED database.

* LARWCB and CCC concurred with EPAs recommendations

* Port affirmed they would like to keep both disposal options available at this time (trench placement or beach/nearshore placement)

* Material excavated to form the trenches would be combined with material from Corps dredging for disposal

CCC – trench material is suitable for beach or near shore.

Waterboard – trench material is suitable for beach or near shore.

EPA – trench material is suitable for beach or near shore.

EPA email sending the ERED values described above, dated 3/22/2017: EPA stated "Attached are the PCB and organotin tables we've pulled from ERED. On the PCB table, please see row 16. On the tin table, please rows 37 (DBT) and 109 (TBT). When selecting appropriate TRVs, we normally looking for values that are LOED, whole body responses, and marine invertebrates."

Project #2: 10:30 – 11:00

- 1) Project name: Port Hueneme Deepening
- 2) Applicant NAME & Applicant affiliation: **Corps**
- 3) Project type (Regulatory/Navigation): Navigation
- 4) Corps Project Manager name: Susie Ming
- 5) Meeting type (DMMT/CSTF): SC-DMMT
- 6) Purpose/topic (e.g., SAP, SAPR and/or suitability determination): Discuss preliminary sediment chemistry and grain size analyses results.
- 7) Presentation? (y/n): N
- 8) Documents provided (emailed or a link): TBP
- 9) Time needed (15, 30, 45 min?): 30 minutes

Notes: Sediment chemistry data were presented and discussed, including similarities and differences with the Port Hueneme Berth Deepening data. Indications are that some of the sediments may not be suitable for beach placement, but could be suitable for placement in the nearshore. USEPA expressed concerns for the PCB levels in the composite samples, but are waiting for the individual core samples to complete their evaluation. Additional sampling is currently being conducted as a result of the failure of the contractor to properly freeze the individual core samples resulting in exceedance of holding times. Those additional samples will include fresh composite samples for toxicity testing, if needed. USEPA expressed the opinion that bioaccumulation testing may be warranted, using those samples.

The results of the additional sampling and testing will be shared with the SC-DMMT, but may require an out-of-cycle review by the USEPA, RWQCB, and CCC via conference call. Initial results are expected end of next week.

USEPA also requested that average sediment grain size be calculated for each core and for each composite area as a means for assessing the mixed sediments that would be created by the dredging process for placement.

- 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. Liz Thomas; Debra Howell.