

Final NOTES for Wednesday October 28, 2015

Southern California Dredged Material Management Team (SC-DMMT) Meeting

US Army Corps of Engineers - Los Angeles District

Initial Attendees:

Larry Smith – Corps NAV
Joe Ryan – Corps NAV
Bonnie Rogers – Corps REG
Kathryn Curtis -POLA
Carol Roberts -USFWS
Allan Ota - EPA
Larry Simone -CCC
Peter Van Langen –Central Waterboard
Michael Lyons – LA Waterboard
Allan Monji - SD Waterboard
Bryant Chesney -NOAA
Melanie Tymes – Corps REG
Robert Smith - Corps REG
Loni Adams - CDFW
Lisa – Corps REG
Theresa Stevens – Corps REG

Opening items:

Next meeting will be December 9th:

Project #1: 10:00 – 11:00

- 1) Project name: Western Anchorage Sediment Storage Site and Middle Harbor
- 2) Applicant name: Port of Long Beach
- 3) Project type (Regulatory/Navigation): Regulatory
- 4) Corps Project Manager name: Aaron Allen/ Lisa Mangione (Western Anchorage)
- 5) Meeting type (DMMT/CSTF): CSTF
- 6) Purpose/topic (e.g., SAP, SAPR and/or suitability determination): Present management plan for the POLB Western Anchorage Sediment Storage Site and provide a brief update on the next phase of the Middle Harbor Redevelopment Project

Notes:

Middle Harbor Redevelopment:

- Phase III time period: begin first quarter of 2016 and take about 2 years to complete.
- When would we expect SAP/R? All SAP/R have been reviewed already in 2014 by DMMT/CSTF and resolved.
- Anything south of the Desmond bridge is fill material so would be suitable for Ocean Disposal.
- All bids have been submitted.

Western Anchorage Sediment Storage Site:

-Larry Smith corrected that it was Main channel dredging material which was used for capping of Palos Verde Shelf contaminants.

- The material from Pier T that went in to the borrow pit was tested at the time. POLB has the original data of the testing.

- Applicant recommends developing a Confined Aquatic Disposal (CAD) site for new material for North Lobe creating 1.3 MCY and 1.4 CY in South Lobe.

- Proposed CAD would result in no further use of B-6 and B-5 anchorages as CAD would be capped.

-Larry Smith: what impermeable material would you use to cap the CAD to prevent scouring?

Answer: Coarse sand and then mixed grade gravel engineered with port pilots. Probably not rocks.

Allan Ota: Mentioned the area could be capped then still utilized to place additional material. It infers the area beyond the lobe is clean, was it tested? Answer: the contamination is at depth whereas the surface material is clean. If there is a 15-ft elevation you could have additional 10 ft of material on top where you place material. It would be like a layer cake of clean/contaminated material that would not be harvested in the future. The top would be an engineered cap.

Summary: South Lobe can continually be used for storage for clean material and North Lobe would be used to place contaminated and/or clean material with a cap.

Larry Simone (CCC): The future proposed projects will need areas for contaminated sediments so use of these sites for contaminated material is best.

Michael Lyons (Waterboard): Consider using the South lobe for future contaminated sediment and also as a CAD.

Summary: POLB has initial feedback for proposals.

Next steps: Applicant will be proceeding with CEQA/NEPA.

Project #2: 11:00-11:30

1) Project name: Santa Barbara Harbor maintenance dredging

2) Applicant name: Army Corps

3) Project type (Regulatory/Navigation): Navigation

4) Corps Project Manager name: Scott John

5) Meeting type (DMMT/CSTF): DMMT

6) Purpose/topic (e.g., SAP, SAPR and/or suitability determination): SAP

Attendees: Ken Kroshnable – Kinetic Lab; Larry Simone - CCC, Allan Ota -EPA, Michael Lyons - Waterboard, Peter Van Langen -Central Coast Waterboard, Allan Monji -SD Waterboard, Loni Adam -CDFW, Bryant Chesney - NMFS, Kirk Brus – Corps, Larry Smith - Corps, Joe Ryan - Corps, Bonnie Rogers - Corps, Jeff Devine - Corps, Michael McCarthy - Corps, Jeff Devine - Corps, Mo Chang - Corps.

Notes:

- Testing would be conducted on each composite.
- There will be 3 beach transects instead of 1 as previous.

Allan Ota (EPA): The maps needs to have more legible bathymetry. Need location of storm drains and fuel docks. Would be good to have one more core in Area 3 since the levels are highest there but is unsure how to place it because bathymetry is unclear. Sand looks to be good quality.

Peter V (Central Coast Waterboard): FYI, SB City (Joshua Haggmark) is conducting a desalination revamp near East Beach disposal site between Stearns Wharf and Beach Profile 1 where they will install pumps and new fish screens. See Figure 2 page 3.

Summary:

Provide legible images of bathymetry.

Map storm drains.

Add a 4th core to Area 4 adjacent to deep portion at approximately Station 32+00.

Move Core Station 2 to location. 24+00 so it's closer to the launch ramp.

Will send revised copy out to agencies for final review before proceeding.

Move core 4 from Area 3R into Area 3.

Post-project discussion at 2:15 PM: Take core from area 2 and move it to area 4 so Corps does not have to revise the project contract. It essentially relocates a core from within the project. Allan Ota (EPA) is okay with it, but Kirk Brus will followup with Peter Von Langen.

Post-meeting revisions from Kirk Brus:

- The maps with bathymetry have been updated to show more legible bathymetry. Storm locations and fuel docks have been identified (as a new Figure) in the SAP. The Corps will add a core in Area 3 by moving Core #4 from sampling area 3R to sampling Area 3, as agreed to at the SC-DMMT meeting.

- The Corps has coordinated with the local sponsor Santa Barbara Harbor District (Karl Treiberg) and with Santa Barbara City (Joshua Haggmark) Water Resources Manager, by e-mail, regarding the desalination's submerged wastewater outfall line location and the submerged waste water intake line location on East Beach in relation to the Corps beach placement activity and dredging activity. From a map/figure of Santa Barbara Harbor and East Beach provided by the local sponsor

and an aerial kmz.file of East Beach generated by the Corps, these map/figure and kmz file were provided by e-mail from the Corps to Joshua Haggmark with a Corps a determination that the Corps beach placement and dredging project shouldn't impact the City of Santa Barbara's submerged intake and outfall lines tied into the desalination operation, and the desalination intake and outfall lines would not be affected by the beach placement, dredging activity.

Post-project discussion, via November 2, 2015 e-mail from Larry Smith/Corps to Allan Ota (US EPA); Larry Simon (California Coastal Commission); Peter Von Langen/Central Coast Regional Water Quality Control Board), discussion summarized below on the proposed changes to the draft SAP:

During the recent October meeting of the SC-DMMT, the Corps proposed adding a core to sampling area 4 in the Draft Sampling and Analysis Plan (SAP) for Santa Barbara Harbor in response to concerns expressed by SC-DMMT members. The proposed location of the core was to have been near Station 32+00 to ensure that a core was taken as close as possible to the USCG station and a fueling dock located nearby. A follow-up discussion was held at the end of the SC-DMMT meeting to address relocating a core (Core # 13) from sampling area 2 to this location to keep the total number of cores at 20. The current contract was for 20 cores and there is insufficient time to modify the contract to require 21 cores. This latter discussion included the Corps, USEPA, and the Coastal Commission and agreed to the Corps' recommendation to move Core # 13 from sampling area 2 to sampling area 4.

Subsequent to the SC-DMMT meeting, the Corps has re-evaluated sampling area 4. The portion of sampling area 4 southwest from the location of Core #1 is at or below project depth. This section will not be dredged during the 6-year period of maintenance dredging covered by the SAP and the Environmental Assessment in preparation. Therefore, the Corps proposes to redraw sampling area 4 to stop just beyond the location of Core #1. Thus, there is no further need to add a core to this sampling area as Core #1 will now be located closest to the fueling dock while remaining within the potential dredging prism. The number and locations of cores within sampling areas 2 & 4 will thus not be changed from the draft SAP and will stay at 5 in sampling area 2 and 3 in sampling area 4.

The contractor is in the process of mobilizing to the site and we would like sampling to move forward this week. Unless we hear otherwise from you by COB today, we will move ahead as per the above. A final SAP will be prepared and submitted as soon as possible. The contractor is working to locate all storm drains in the area to be added to the SAP core location maps. Core locations will be adjusted, if needed, to sample in the vicinity of any large storm drains.

The Corps will still move Core #4 from sampling area 3R to sampling area 3, as agreed to at the SC-DMMT meeting.

Allan Ota, Larry Simon, and Peter Von Langen concurred via e-mails on November 2, 2015 with the proposed changes to the draft SAP. Larry Smith also spoke with Allan Ota, and Kirk Brus also spoke with Peter Von Langen on November 2, 2015, on the proposed changes to the draft SAP.

The revised SAP will be provided to the SC-DMMT. Revised SAP was sent from Corps Regulatory to the SC-DMMT distribution list on Friday, November 6, 2015.

Post-project discussion from Kirk Brus: On November 9, 2015 Kirk Brus emailed Allan Ota (US EPA); and phone discussion between Kirk Brus, Jeffrey Devine (Corps Geotechnical Branch) and Allan Ota on revised SAP incorporating proposed changes from DMMT review comments on the draft SAP. Identified changes/updates in the revised SAP from the DMMT review comments on the draft SAP. (i.e., adding Figure 4 identifying storm drains and fuel docks in the harbor; bathymetry made legible on Figures; relocated sampling core #4 from Composite Dredge Area 3R, reducing the total number of sample cores from 4 to 3 in Area 3R, and adding sampling core #4 to Composite Dredge Area 3, increasing the total number of sample cores from 3 to 4 in Area 3; make changes to sampling cores locations in Composite Dredge Area 3R and 3 on Figure 7 (titled March 2015 Bathymetric Data and Sampling Locations for Composite Areas 3 and 3R), and; updated Table 5 (Target Sampling Locations, Core Depths, 2015 Mudline Elevations, and Sampling Elevation, Santa Barbara Harbor) to show Composite Dredge Area 3R has 3 sampling cores and Composite Dredge Area 3 has 4 sampling cores. Discussed desalination outtake and intake lines comment (not in SAP) yet discussed in the DMMT notes, and also discussed November 2, 2015 post project discussion that included the Corps reasoning for not adding a new sampling core to Composite Dredge Area 4. During the November 9, 2015 discussion, Allan Ota commented that in the revised SAP Figure 7, had incorrectly identified Composite Dredge Area 3 and Composite Dredge Area 3R. The Corps acknowledged that in the revised SAP, on Figure 7, it incorrectly identified Composite Dredge Area 3 and Composite Dredge Area 3R and would make the change to correctly identify Composite Dredge 3 and 3R on Figure 7 and would update the SAP. The updated SAP (final revised SAP) was sent by e-mail to Allan Ota on November 10, 2015, and upon this review, acknowledged that all of the revisions and corrections appeared to be incorporated into this final SAP and that the EPA Region 9 hereby concurred on the sampling and analysis approach described in this final SAP.

LUNCH BREAK 11:30-12:30

Project #3: 12:30-1:00

- 1) Project name: Ventura Harbor Dredging
- 2) Applicant name: Ventura Harbor
- 3) Project type (Regulatory/Navigation): regulatory
- 4) Corps Project Manager name: Antal Szijj
- 5) Meeting type (DMMT/CSTF): DMMT
- 6) Purpose/topic (e.g., SAP, SAPR and/or suitability determination): SAP

Attendees: Bonnie Rogers (Corps RG), Larry Smith (Corps Nav), Richard Parsons (Ventura harbor Master), Harry Finney (Applied Environ. Technologies), Antal S. (Corps RG), Michael Lyons (LA Waterboard), Larry Simone (CCC), Bryant Chesney (NMFS), Allan Ota (EPA), Joe Ryan (Corps Nav), Kirk Brus (Corps).

Notes:

- SAP includes results from last 20 years.
- Allan Ota: Figures do not show up and it's difficult to tell where samples are located. Difficult to see storm drains and fuel docks (which influence where the cores are placed). Updated color plates were emailed around for the meeting and the discussion was resumed at 1:30 PM.

-Detection limits need to be adjusted because they are incorrect.

Summary:

Revise document to move and/or add sample locations as discussed and update detection limits to current guidelines. Email revised SAP to agencies for review and comment. Color maps do not need to be updated, however future submittals by the Port District should depict bathymetry more clearly and highlight features that may be potential sources of contaminants (e.g. outfalls, fuel docks, boat yards, etc). Bonnie will send updated template guidelines to Richard, Antal, Larry Smith, Kirk Brus.

Project #4: 1:00-1:30

- 1) Project name: Marina del Rey Maintenance Dredging Project
- 2) Applicant name: NA
- 3) Project type (Regulatory/Navigation): Navigation
- 4) Corps Project Manager name: Larry Smith
- 5) Meeting type (DMMT/CSTF): SC-DMMT & CSTF
- 6) Purpose/topic (e.g., SAP, SAPR and/or suitability determination): Scoping for future SAP

Attendees: Bryant Chesney - NMFS, Carol Roberts -USFWS, Larry Simone -CCC, Michael Lyons -LA Regional Board, Bonnie Rogers -Corps, Larry Smith - Corps, Joe Ryan - Corps, Allan Ota - Corps, Kirk Brus - Corps, Mo Chang - Corps.

Notes:

Applicant wants to know whether or not beach transect data needs to take place (last was 2011 and last dredging in 2007).

Allan Ota: Is there previous beach transect data?

Bryant Chesney: Recall the previous dredging trash issue at one of the disposal sites. Is the Corps planning to do additional sampling to avoid problems. Answer, Larry Smith: He does not know how sampling could be modified to avoid trash problems. Bryant: Recalls he shared documents previously with methods that detect trash in sediment.

Larry Smith: Will take a look at any documents that can be implemented for the project to avoid trash.

Allan Ota: No other questions.

Allan Ota: Requested beach transects be included in the draft and decide later on if they're needed.

Bonnie: The DMMT meeting date regarding the Marina del Rey trash incident was November 28, 2012.

Corps-NAV, Corps-REG EPA, Waterboard: None recall there being a proposal to modify sampling for trash.

Bryant: Re-sent his previous email regarding Marina del Rey trash and was incorrect about there being methods for trash sampling, but rather methods on how to remove it from dredging material.

During the meeting Bryant resent his previous email related to trash removal techniques in dredging material in relation to the November 28, 2012 DMMT meeting. Bonnie forwarded this email and the attachments to the DMMT attendees with a link to the ERDC documents online.

- SC-DMMT final agenda and minutes are available at:
<http://www.spl.usace.army.mil/Missions/Regulatory/ProjectsPrograms.aspx>.