

Southern California Dredged Material Management Team (SC-DMMT)
July 24, 2013
Draft Meeting Notes

I. Participating Agencies /Attendees:

- a. Brianne McGuffie (USACE-Regulatory)
 - b. Cori Farrar (USACE – Regulatory)
 - c. Daniel Swenson (USACE – Regulatory)
 - d. Kenneth Wong (USACE – Planning)
 - e. Joe Ryan (USACE-ED)
 - f. Larry Smith (USACE-Planning)
 - g. Blake Horita (USACE PPMD)
 - h. Jeffrey Devine (USACE Engineering)
 - i. Kirk Brus (USACE – Planning)
 - j. Allan Ota[†] (USEPA Region 9)
 - k. Eric Wilkins[†] (CA-DFW)
 - l. Michael Lyons[†] (RWQCB – Los Angeles)
 - m. Carol Roberts[†](USFWS)
 - n. Alan Monji[†] (RWQCB, San Diego)
 - o. Jack Gregg[†] (CCC)
 - p. David Rocha (OC Dana Point Harbor)
 - q. Kim Garvey (Moffat and Nichol)
 - r. Ken Kronschnabl (Kinnetic Laboratories)
- [†] participating via teleconference.

II. Announcements:

III. Project Review and Determinations

a. Dana Point Harbor Maintenance Dredging Project (Cori Farrar):

i. Corps (Regulatory) comments:

1. Informed the applicant's team the proposed sampling strategy needed refinement to include greater resolution of sampling.
2. Contributed to discussion on sampling strategy –see below in EPA's comments for final strategy.
3. Discussed Tier III testing and indicated it would be okay to wait for Tier II results if want to see if further compositing is possible, or to use compositing scheme of Tier II.
4. Requested applicant will send data with summary statistics of Tier II results with proposed strategy for Tier III to RG and EPA for review.

ii. Corps (Planning) comments:

1. Concurred with RG on needing additional sampling refinement.
2. Contributed to discussion on sampling strategy –see below in EPA’s comments for final strategy.

iii. EPA comments:

1. After much discussion of concerns and different approaches, EPA and Corps with SC-DMMT member agencies approved the following revised sampling strategy.
2. Individual grain size analysis will be performed on each core. Bulk chemistry for composites as revised (below). For Tier III, pending results of Tier II testing, applicant will submit final proposed Tier III testing strategy for approval.
3. Tier II Bulk Chemistry composite scheme:
 - a. For Main Channel @ Breakwater and the West Anchorage (Testing Area CG1), grain analysis on each core and one composite of 4 cores for chemistry is fine based on prior data and expected high sand content;
 - b. For Pilgrim Moorage and Sailing Center Docks (westerly portion of FG1), one composite of 4 cores for bulk chemistry is fine based on prior data despite difference of proposed dredge depths, unless fines and sand content differ among areas. Indicated that if the formation material underlying this area has not been daylighted, contaminants would be unlikely to have permeated; so, it is okay if unable to test hard material.
 - c. For Outfall and East Basin NE Corner, conduct bulk chemistry on each of the three cores.
 - d. For Boat Launch Ramp North and South, one composite with possibility of a composite including East Basin NE Corner for Tier III; dependant on results of Tier II testing. Every core is analyzed for grain size.
 - e. For East Anchorage and Main Channel @ Entrance (CG2), two composites for bulk chemistry, one for each area, because of concern about source material in shoal at northern portion of East Anchorage and lack of prior testing data.
4. Indicated the need to add pyrethroids to the analyte list which was agreed to.

iv. USFWS comments:

1. Suggested a need for additional sampling points or at least break up the composite and test cores for chemistry in area

of 60” Outfall and East Basin NE Corner to increase data to determine extent of contamination. Recommended revisiting data and strategy if want to distinguish the two areas for different disposal methods.

2. Noted 2007 data of the Outfall/East Basin NE Corner areas indicated elevated concentrations of some contaminants (Cu, Total DDT, Chlordane) in both areas and East Basin had greater levels of PAHs than detected in the Outfall core.
3. Asked to include sampling for z-layer.

v. CCC comments

1. Asked if cobbles would be screened out before chemistry performed in Pilgrim Moorage area.
2. Confirmed approval of revised composite strategy to combine cores for West Anchorage and Main Channel @ Breakwater because of predominance of sand.

vi. County of Orange Dana Point Harbor Department comments:

1. Agreed to add pyrethroids to analyte list.
2. Agreed to archive z-layer pending outcome of core sampling results.
3. Indicated expect to encounter formation material rather than cobbles in Pilgrim Moorage area. OC DPH may decide not to dredge to that depth because special equipment would be needed.
4. Agreed to revisit the 2007 data for the Outfall and East Basin NE Corner to review the areas’ respective contaminant levels.
5. Expressed concern for additional cost of increased number of composites but agreed to make changes to SAP and submit to RG for review and distribution to SC-DMMT, for quick review and approval of Tier III testing strategy

b. Morro Bay Harbor Federal maintenance dredging (Navigation – Kirk Brus):

Meeting Minutes on Corps 2013 Morro Bay Harbor Federal maintenance dredging Draft SAP presentation/discussion to the SC-DMMT (July 24, 2013)

i. Corps Regulatory Comments:

1. NONE

ii. Corps Navigation Comments:

1. NONE

iii. EPA Comments:

Allan Ota (USEPA, Region 9). There were no comments on the Draft SAP. Allan requested additional time to submit their comments after review of the appendices that had the previous (2008) SAP sampling and test results.

During the SC-DMMT discussion/presentation, it was discussed that the appendices with the previous 2008 SAP sampling and test results included an appendix on the 2008 Summary Test Results from the 2008 Morro Bay Harbor Dredge material geotechnical and Environmental Investigation in support of the 2008 Final SAP and Final SAP results (SAPR) of suitability, and another appendix on the 2008 Morro Bay Soils Log and Geotechnical Data. The USEPA agreed to submit comments by Wednesday, July 31, 2013, and if there are significant comments, they will submit them to the Corps. Upon incorporation of the USEPA comments, the Corps will finalize the SAP. The Final SAP will be sent to Dan for the SC-DMMT as the SC-DMMT did not request an out-of-cycle meeting to approve the document.

iv. California DFW Comments:

1. NONE

v. RWQB Comments:

1. NONE

vi. California Coastal Commission

1. Jack Gregg (California Coastal Commission). No comments on the Draft SAP.

In summary, there were no comments from the Regulatory Agencies on the Draft SAP from the Corps July 24, 2013 SC-DMMT presentation.

vii. Final comments:

1. Following this meeting, Allan Ota (USEPA) replied August 1, 2013 that he reviewed Appendices, including 2008 sampling, including compositing and grain size, saying it looks okay, and that he has no further comments.
2. The Corps finalized the SAP with the Appendices on August 1, 2013.

IV. Other issues: none.