

**Notes for January 24, 2024**  
**Southern California Dredged Material Management Team (SC-DMMT) Meeting**  
US Army Corps of Engineers - Los Angeles District (11 pages)

**Attendance (WebEx):**

Stephen Estes (Corps Regulatory)  
Theresa Stevens (Corps Regulatory)  
Crystal Huerta (Corps Regulatory)  
Robert Smith (Corps Regulatory)  
Gerardo Salas (Corps Regulatory)  
Max Roseman (Corps Regulatory)  
Larry Smith (Corps Planning)  
Tiffany Armenta (Corps Planning)  
Thomas Sentner (Corps Planning)  
Christopher Chabot (Corps Planning)  
Kirk Brus (Corps Planning)  
Natalie Martinez-Takeshita (Corps Planning)  
Victor Andreas (Corps Planning)  
Brian McDowell (Corps Planning)  
Doland Cheung (Corps Planning)  
Kymberly Howo (Corps Planning)  
Lily Schaffer (Corps Engineering)  
Caleb Lodge (Corps Engineering)  
Christopher Hayward (Corps Engineering)  
Joseph Ryan (Corps Engineering)  
Matt Wesley (Corps Engineering)  
Luis Sepulveda (Corps Engineering)  
Susie Ming (Corps Programs & Project Management)  
Eric Keyes (NAVFAC)  
Melissa Scianni (USEPA)  
Allan Ota (USEPA)  
Matthew Cardona (USEPA)  
Justyn Stahl (USFWS)  
Andrew Yuen (USFWS)  
Jeremy Smith (CCC)  
Jules Kelly (CCC)  
April Woods (Central Coast RWQCB)  
Emily Duncan (Los Angeles RWQCB)  
Hossein Shahrokhnia (Santa Ana RWQCB)  
Kyle Fructuoso (Santa Ana RWQCB)  
Alan Monji (San Diego RWQCB)  
Amanda Canepa (CDFW)  
Leslie Hart (CDFW)  
Beth Anna Cornett (City of Santa Barbara)  
Kaitlin Mamulski (City of Santa Barbara)  
Jayme Timberlake (City of Oceanside)

Todd Mierau (City of Encinitas)  
Brent Mardian (Pi Environmental)  
Derek Lerma (Rincon Consultants)  
Keith Merkel (Merkel & Associates)  
Lydia Pellecer (BAE Systems)  
Kimberly Garvey (Moffatt and Nichol)  
Chris Webb (Moffatt and Nichol)  
Jorine Campopiano (Moffatt and Nichol)  
Ken Kronschnabl (Kinnetic Environmental)  
Dominic Massaro (Anchor QEA)  
David Schug (AECOM)  
Katie Payne (Enthalpy Analytical)  
Joe Lambert (Construction Planning Services)  
Gorden Litzinger (Construction Planning Services)  
Jay Ruby (Urban Resource Corporation)  
Jorge Tomas (Pacific Maritime Group)  
Alex Leonard (Greystar)  
Ben Dolan (Belmont Village Senior Living)  
Brian Leslie (GHD)  
Zachary Urabe (GHD)  
Ricky Luevano (Channelside Desal)  
Dan Weis (Weis Environmental)  
Joe Stock (Prime Design)

Roll Call and Announcements:

1. Larry Smith (Corps)- Solana Beach project commenced last week and sand is being piped to the beach.
2. Melissa Scianni (USEPA)- Allan Ota is planning to retire in May 2024.

**Project #1: 10:10 – 10:40 AM**

- 1) Project name: City of Santa Barbara Sediment Maintenance Plan
- 2) Applicant's name & affiliation: City of Santa Barbara, Beth Anna Cornett
- 3) Project type (Regulatory/Navigation): Regulatory
- 4) Corps project manager who will attend: Crystal L.M. Huerta
- 5) Purpose/topic (draft SAP, revised SAP, SAPR): Final SAP
- 6) Request for suitability determination? (y/n): No
- 7) Documents provided (emailed, or FTP link): Final SAP emailed to the SC-DMMT distribution list on 1/22/2024
- 8) Time needed (15, 30, 45 min?): 30 minutes

Presented a portion of the SAPR. The draft SAP was distributed to the SC-DMMT so they will need to distribute the final SAP that incorporated agency comments. They will distribute both the final SAP and the SAPR.

Melissa Scianni (USEPA)- Will need to look at the data in the reports before making a suitability determination.

Brent Mardian (Pi Environmental)- We will submit an agenda request for the February SC-DMMT to present the second half of the SAPR.

Melissa Scianni (USEPA)- Preference to discuss this project at the next SC-DMMT meeting rather than via email.

**Project #2: 10:40 – 11:10 AM**

- 1) Project name: Channel Islands Harbor and Port Hueneme Maintenance Dredging Project
- 2) Applicant's name & affiliation: Lily Schaffer, USACE and Ken Kronschnabl, Kinnetic Environmental
- 3) Project type (Regulatory/Navigation): Navigation
- 4) Corps project manager who will attend: Victor Andreas/Jim Fields
- 5) Purpose/topic (draft SAP, revised SAP, SAPR): SAPR
- 6) Request for suitability determination? (y/n): Yes
- 7) Documents provided (emailed, or FTP link): SAPR and appendices emailed to the SC-DMMT distribution list on 1/19/2024
- 8) Time needed (15, 30, 45 min?): 30 minutes

Melissa Scianni (USEPA)- Did grab samples get taken from Channel Islands Sand Trap Area D?

Ken Kronschnabl (Kinnetic Environmental)- Yes, three grab samples were taken on the beach and added to composite sample for Area D.

Melissa Scianni (USEPA)- Then Area G was short core samples?

Ken Kronschnabl (Kinnetic Environmental)- Correct.

Melissa Scianni (USEPA)- That is okay since you achieved full project depth for the other cores. For Port Hueneme, you were able to take one core sample in the entrance channel?

Ken Kronschnabl (Kinnetic Environmental)- Correct.

Melissa Scianni (USEPA)- No dredging is planned at the entrance channel?

Ken Kronschnabl (Kinnetic Environmental)- Joe Ryan will need to confirm.

Melissa Scianni (USEPA)- We would require sampling there before dredging if it's needed.

Joe Ryan (Corps)- There is a shoal we want to dredge right at the beginning of the entrance channel.

Melissa Scianni (USEPA)- That seems okay to me. USEPA has determined the compatible areas are suitable. The other areas are not. I agree with the suitability determination in the document.

Jules Kelly (CCC)- I agree with the suitability determination.

Emily Duncan (RWQCB)- I agree with the suitability determination.

Later in the meeting, Natalie Martinez-Takeshita (Corps) and Joe Ryan (Corps) provided an update on the area in the entrance channel of Port Hueneme. Chemically unsuitable areas of material were shown to determine if an area could be dredged. Melissa Scianni (USEPA) wanted to see Core E1 data and later said she was okay with dredging occurring there. Jules Kelly (CCC) said it seems okay based on the core locations.

**Project #3: 11:10 – 11:40 AM**

- 1) Project name: Redondo Beach-King Harbor Breakwater Repair Project
- 2) Applicant's name & affiliation: Thomas Sentner, USACE Planning
- 3) Project type (Regulatory/Navigation): Navigation
- 4) Corps project manager who will attend: Thomas Sentner
- 5) Purpose/topic (draft SAP, revised SAP, SAPR): Tier I Evaluation
- 6) Request for suitability determination? (y/n): Yes
- 7) Documents provided (emailed, or FTP link): Powerpoint presentation emailed to the SC-DMMT distribution list on 1/19/2024
- 8) Time needed: 30 minutes

Jules Kelly (CCC)- We have been coordinating on this. You are requesting a Tier I exclusion from testing since you plan to use the City of Redondo Beach's testing from 2020. Is the area you plan to dredge covered by the 2020 testing?

Thomas Sentner (Corps)- Shared a map of the sampling locations and areas where dredging may occur. The locations had a very high percentage of sand, maybe over 90% but will check. There were some elevated but not notably high levels of DDTs and PCBs.

Larry Smith (Corps)- For past projects, 2,000 cubic yards is considered small for side casting.

Melissa Scianni (USEPA)- We agree the 2020 data can be used. We wouldn't consider it like-on-like because it is being moved to the outer harbor. Please submit a report with the data and plan for consideration.

Thomas Sentner (Corps)- Will put together a write-up for USEPA, CCC, and other agencies.

Jules Kelly (CCC)- When are you anticipating doing the work? The City will need a CDP. The application should be submitted soon.

Chris Chabot (Corps)- We would be following the City's maintenance dredging.

Thomas Sentner (Corps)- We are planning for eight trips to Catalina for rock.

Chris Hayward (Corps)- Do you know what the timeframe is for the CDP?

Jules Kelly (CCC)- That depends, the City was hoping to dredge this week, the March CCC Hearing is March 13-15.

Leslie Hart (CDFW)- Please conduct a Caulerpa survey as well.

**Project #4: 11:40 AM – 12:10 PM**

- 1) Project name: P-224/P-226 Naval Weapons Station Seal Beach, Navigation Channel Additional Dredge Area
- 2) Applicant's name & affiliation: Lt. Liam Arellano, U.S. Navy (Presenter: Ken Kronschnabl, Kinnetic Environmental, Inc.)
- 3) Project type (Regulatory/Navigation): Regulatory
- 4) Corps project manager who will attend: Gerry Salas
- 5) Purpose/topic (draft SAP, revised SAP, SAPR): SAPR
- 6) Request for suitability determination? (y/n): Yes
- 7) Documents provided (emailed, or FTP link): SAPR and appendices emailed to the SC-DMMT distribution list on 1/19/2024
- 8) Time needed (15, 30, 45 min?): 30 minutes

Melissa Scianni (USEPA)- The material is suitable for disposal at LA-2. Based on grain size, it is not suitable for beach placement.

Jules Kelly (CCC)- Agree with suitability determination.

Hossein Shahrokhnia (RWQCB)- I have no comments or questions.

**Project #5: 12:40 – 1:10 PM**

- 1) Surfside-Sunset Beach Nourishment Project Stage 13 Borrow Area Expansion
- 2) Applicant's name & affiliation: Larry Smith, Corps
- 3) Project type (Regulatory/Navigation): Navigation
- 4) Corps project manager who will attend: Larry Smith
- 5) Purpose/topic (draft SAP, revised SAP, SAPR): Suitability determination
- 6) Request for suitability determination? (y/n): Yes
- 7) Documents provided (emailed, or FTP link): Sediment suitability memorandum emailed to the SC-DMMT distribution list on 1/19/2024
- 8) Time needed (15, 30, 45 min?): 30 minutes

Larry Smith (Corps)- Presented an update on the project.

Melissa Scianni (USEPA)- No questions from USEPA.

Jeremy Smith (CCC)- No questions from CCC.

Member agencies on-line concurred with the suitability determination made by the Corps.

**Project #6: 1:10 – 1:40 PM**

- 1) Project name: San Clemente Shoreline Project
- 2) Applicant's name & affiliation: Luis Sepulveda/Chris Hayward/Kym Lyons, Corps
- 3) Project type (Regulatory/Navigation): Civil Works/Navigation
- 4) Corps project manager who will attend: Doland Cheung
- 5) Purpose/topic (draft SAP, revised SAP, SAPR): Sediment Compatibility Analysis
- 6) Request for suitability determination? (y/n): Yes
- 7) Documents provided (emailed, or FTP link): Emailed to the SC-DMMT distribution list on 1/22/2024
- 8) Time needed (15, 30, 45 min?): 30 minutes

Melissa Scianni (USEPA)- For the Surfside/Sunset data, the Corps is looking to add this area, so just checking if sufficient material is there for the Surfside/Sunset project.

Chris Hayward (Corps)- For Surfside/Sunset, the contractor can't achieve the depth they want right now. There should be sufficient volume.

Melissa Scianni (USEPA)- So the San Clemente contractor should be able to obtain the material the Surfside/Sunset contractor cannot?

Chris Hayward (Corps)- Yes.

Melissa Scianni (USEPA)- The profiles look a little finer-grained than usual. If the contractor for San Clemente can obtain the coarser material from the Surfside/Sunset borrow pit, it seems to be the best option. If you did use the Solana site, there would be no need to expand and there is enough material for both projects.

Larry Smith (Corps)- Yes, there should be no problem reaching this material that the Surfside contractor cannot reach due to differing equipment types and the depth of water. San Clemente is using a hopper dredge that can dredge deeper than the hydraulic dredge being used for Surfside.

Melissa Scianni (USEPA)- Surfside/Sunset original borrow area appears to be the best fit.

Jeremy Smith (CCC)- Do we know what depth ranges the ends of the envelope represents?

Luis Sepulveda (Corps)- We took typical transects from +12 feet to -30 feet MLLW.

Jeremy Smith (CCC)- It's possible the grain size characteristics of the beach may have changed since 2005, so you may want to check with the City for more data. What's the implication of placing coarser sediment on the beach?

Luis Sepulveda (Corps)- The limitation we have is not changing the characteristics of the beach.

Lily Schaffer (Corps)- Looks like there is an aesthetic component to it, but some benefit in that the coarser sand would stay on the beach for longer.

Melissa Scianni (USEPA)- How old is the Solana Beach borrow site data? Recommend asking city of Solana Beach for more recent grain size data on SO-5 borrow site.

Lily Schaffer (Corps)- From 2022.

Jeremy Smith (CCC)- Could be beneficial to look into doing some rapid assessments of grain size or ask the City for this data. We're leaning towards more leeway on the course side.

Luis Sepulveda (Corps)- Erosion issues on this beach, so the coarser side makes sense.

Doland Cheung (Corps)- For other reasons other than grain size suitability, we are still evaluating options on locations for the source material.

### **San Diego County Projects**

#### **Project A: 2:00 – 2:30 PM**

- 1) Project name: City of Oceanside Offshore Investigation
- 2) Applicant's name & affiliation: City of Oceanside
- 3) Project type (Regulatory/Navigation): Regulatory
- 4) Corps project manager who will attend: Robert Smith
- 5) Purpose/topic (draft SAP, revised SAP, SAPR): Draft SAP
- 6) Request for suitability determination? (y/n): No
- 7) Documents provided (emailed, or FTP link): Draft SAP emailed to the SC-DMMT distribution list on 1/19/2024
- 8) Time needed (15, 30, 45 min?): 30 minutes

Oceanside is having trouble retaining sand. This is an exploratory SAP to find additional sand resources.

Melissa Scianni (USEPA)- In Section 3.2.1, are you saying you may do two different grain size samples?

Brian Leslie (GHD)- Yes, if we see stratification. We'll characterize top to bottom.

Melissa Scianni (USEPA)- So locations that don't look suitable will not be tested?

David Schug (AECOM)- If there is silt on course sand, we would probably sample each of those separately.

Melissa Scianni (USEPA)- We would want it to be characterized appropriately for placement on the beach, so please make sure you test the sand layer below the top layer too.

David Schug (AECOM)- We think we have a layer of potentially clean sand under the silt layer.

Allan Ota (USEPA)- I noticed the method of dredging is usually specified in the SAP. What method would be used?

Brian Leslie (GHD)- To be determined, but probably cutterhead pipeline dredge that can get sand to the beach quickly.

Allan Ota (USEPA)- With a hydraulic dredge, there is finer control than with a mechanical dredge, so we should be okay there. Also, the methodology doesn't speak to archiving samples, so that should be added to the methodology.

Brian Leslie (GHD)- We will add that.

Jeremy Smith (CCC)- I have no questions about the project.

Alan Monji (RWQCB)- Do you have an alternate site in mind for borrow sites?

Brian Leslie (GHD)- Borrow areas previously identified under RBSP I and RBSP II, such as SO-5 and MB-1 contain high quality sand sources that could be used for beach nourishment in Oceanside. These sources are further away and would require a hopper dredge. The purpose of this investigation is to try to find a nearby source of sand that could potentially be pipeline dredged to the beach.

Robert Smith (Corps)- Where is the 10-foot unsuitable layer?

Brian Leslie (GHD)- There are some areas at the top that would not be great.

David Schug (AECOM)- Hopefully we've targeted some areas in the "yes" category for this project.

**Project B: 2:30 – 3:00 PM**

- 1) Project name: 712-716 Seagaze Drive Housing Project
- 2) Applicant's name & affiliation: John Franklin, Geosoils, Inc
- 3) Project type (Regulatory/Navigation): Regulatory - Oceanside SCOUP Permit Beach Sand Suitability
- 4) Corps project manager who will attend: Robert Smith
- 5) Purpose/topic: Revised SAP
- 6) Request for suitability determination? No
- 7) Documents provided: Revised initial SAP emailed to the SC-DMMT distribution list on 1/19/2024
- 8) Time needed: 30 minutes

Robert Smith (Corps)- Will top five feet be excluded from beach nourishment?

John Franklin (Geosoils)- Yes.

Melissa Scianni (USEPA)- What about the cobble layer?

John Franklin (Geosoils)- It would be excluded if it doesn't decompose.



Melissa Scianni (USEPA)- It would be helpful to clarify this information in the SAP.

John Franklin (Geosoils)- We calculated the quantity to be excluded and added that to the SAP.

Melissa Scianni (USEPA)- Wanted to clarify how it would be composited. From past testing, is the site homogenous enough that one core is representative of the whole area?

John Franklin (Geosoils)- Yes, it is.

Jeremy Smith (CCC)- On the Oceanside SCoup numbers, please be sure you have the most recent numbers from the City.

Jayme Timberlake (City of Oceanside)- Probably what is reflected here is the Corps' side of it.

Robert Smith (Corps)- Has excavation occurred yet?

John Franklin (Geosoils)- No.

Robert Smith (Corps)- Can you provide the parking lot excavation plan and cross section that shows the depth of excavation so we can check that the core depths go to the proper depth?

John Franklin (Geosoils)- Yes.

**Project C: 3:00 – 3:30 PM**

1) Project name: 3111 Manchester Avenue, Encinitas

2) Applicant's name & affiliation: Developer - Proposed Exporter of Upland Sand: Greystar. Recipient of Sand: City of Encinitas

3) Project type (Regulatory/Navigation): Regulatory

4) Corps project manager who will attend: Robert Smith

5) Purpose/topic (draft SAP, revised SAP, SAPR): Revised SAP

6) Request for suitability determination? (y/n): No. At this time, we are seeking final approval of the SAP so that sampling can proceed, after which a SAPR would be prepared

7) Documents provided (emailed, or FTP link): Revised SAP emailed to the SC-DMMT distribution list on 1/19/2024

8) Time needed (15, 30, 45 min?): 30 minutes

Alan Monji (RWQCB)- There's a drainage onsite. Where does that water come from?

Jay Ruby (Urban Resource Corporation)- It picks up stormwater from the cliffs behind the location. It is not a jurisdictional watercourse. It enters a public storm drain.

Robert Smith (Corps)- Did we provide a non-jurisdictional determination letter a few years ago?

Dan Weis (Weis Environmental)- Yes.

Robert Smith (Corps)- Would this be under the City of Encinitas' opportunistic SCOUP programmatic permit?

Dan Weis (Weis Environmental)- Yes.

Robert Smith (Corps)- Will the top one foot be taken off?

Dan Weis (Weis Environmental)- The surface material has some organics, so will be taken to an upland disposal site. The upper one foot or so has organics.

Robert Smith (Corps)- There is approximately 61,000 cubic yards of beach nourishment?

Dan Weis (Weis Environmental)- Yes, that amount is hypothetically available.

Todd Mierau (City of Encinitas)- We'll probably put all ~61,000 cubic yards of sediment at Batiquitos, which is the goal.

Allan Ota (USEPA)- On sampling methodology, we like to see photos of the cores. Can you add that to the methodology?

Dan Weis (Weis Environmental)- Yes, we'll do that.

Allan Ota (USEPA)- On the back end of the project, do you have a way to handle material that might be unsuitable for the beach?

Dan Weis (Weis Environmental)- Yes, there is usually a constant need for sand for construction.

Jeremy Smith (CCC)- No comments, just wanted to ensure you use the most updated SCOUP CDP conditions when submitting to CCC.

An email approving the SAP was requested from Allan Ota (USEPA), Jeremy Smith (CCC), and Alan Monji (RWQCB).

**Project D: 3:30 – 4:00 PM**

- 1) Project name: Otay River Estuary Restoration Project
- 2) Applicant's name & affiliation: Channelside Water Resources (Poseidon Resources, Project Developer)
- 3) Project type (Regulatory/Navigation): Regulatory
- 4) Corps project manager who will attend: Robert Smith
- 5) Purpose/topic (draft SAP, revised SAP, SAPR): Draft SAP
- 6) Request for suitability determination? (y/n): No
- 7) Documents provided (emailed, or FTP link): Draft SAP emailed to the SC-DMMT distribution list on 1/19/2024
- 8) Time needed (15, 30, 45 min?): 30 minutes

Andrew Yuen (USFWS)- A cap has been placed over the DDT contaminated material in the farm area.

Robert Smith (Corps)- Has the area of contaminated sediment in Goat Canyon been eliminated as a source for beach nourishment and then testing given the known contamination sources?

Andrew Yuen (USFWS)- We are trying to track down the sources of the material, including sewage contamination coming from upstream.

Robert Smith (Corps)- Is the other material native for the Vulcan site?

Andrew Yuen (USFWS)- Yes.

Robert Smith (Corps)- It would probably be clean. Does it need to be tested?

Andrew Yuen (USFWS)- The quarried material did come back as clean. The challenge is the material may not be best suited for salt marsh vegetation, but it can be augmented.

Allan Ota (USEPA)- Soils are coming from the Goat Canyon Sediment Basins. I think the RWQCB required fecal coliform testing for sediment that was going to be placed in the nearshore.

Larry Smith (Corps)- RWQCB has also been concerned with some of our beach nourishment projects in the past.

Andrew Yuen (USFWS)- We can reach out to the RWQCB for standard tests for fecal coliform for the SAP. We want to maximize the success of the restoration project, so we plan to evaluate/test all the potential sources.

Ricky Luevano (Channelside Desal)- Another concern was that sometimes these dirt locations run out, so having a backup is important.

Robert Smith (Corps)-Does 30 days work for the agencies for review of the SAP?

Alan Monji (RWQCB)- Will check to see who this is assigned to at the RWQCB.

Andrew Yuen (USFWS)- Let's discuss offline about a timeline that can work.

Robert Smith (Corps)- Agencies can provide emails to me with comments.

Allan Ota (USEPA)- When you do grab samples, please retain some archives.

Ricky Luevano (Channelside Desal)- Yes, will do.

Jeremy Smith (CCC)- Please loop me in on the coordination email so I can provide feedback.