Updates

- Jun: The Water Board will soon be hiring his replacement

**King Harbor Maintenance Dredging Project (Redondo Beach)**
- Maintenance dredging project within the harbor needed to provide safe vessel access
- The Applicant proposed two placement sites (beneficial reuse):
  - one inside the harbor and one offshore
- The last dredging event at this location occurred in 2004
- The city is responsible for maintenance dredging within the harbor
- Dredge Area Sampling: Outer Harbor (OU) site
  - 12 vibracore sampling locations
  - Will group those samples into 4 different composite areas for chemical testing
- Dredge Area Sampling: Basin 3 (located in the back of the harbor)
  - 3 sampling locations
  - Will group samples into 1 composite area for chemical testing
- Placement: In Harbor (IH)
  - Collecting 5 grab samples
  - Samples will be individually tested for geotechnical parameters
  - Will group samples into 1 composite area for chemical testing
- Placement: Outer Harbor (OH)
  - Collecting 5 grab samples
  - Will group samples into 1 composite area for chemical testing
- Chemical analyses will only be performed on the composite samples

**Comments & Questions (paraphrased)**
- Jun: If the previous study showed mercury exceedance, why was that material still used for beach nourishment?
  - Kimbrie: It was a very low level of exceedance; still appropriate for beach placement because of other factors
- Jun: What happened to the 7,000 cy of material that was dredged in 2012?
  - Jon: It went on Redondo Beach
• Joe: Do you plan on using the inner harbor?
  o Jon: The city hasn’t decided if they want to use the inner harbor site
    ▪ This will be determined based on the results of the sediment investigation
    ▪ Based on the history of this harbor, they expect the material will be relatively clean
• Melissa: How did you determine the capacity for those two placement sites?
  o Jon: Through precision multi-beam surveys; they cross-sectioned them
    ▪ The In Harbor placement site has a max fill of ~29,000 cy (this ceiling was determined based on the depth)
      • The depth is about -28 ft. MLLW
    ▪ The Outer Harbor placement site has traditionally been used by the Corps as a near-shore placement site
      • The depth is about -35 ft. MLLW
• Melissa: What is the basis for the Outer Harbor placement site?
  o Jon: the intent for this site was that sediments placed within this area could then be later tapped for beach nourishment
• Melissa: Requesting that more information on the history of the Outer Harbor site be included in the Public Notice
  o Include information about how this site was selected
• Melissa: Has some concerns/questions about why the Outer Harbor placement site is a 404 site and note a dumping site
  o Melissa mentioned that this project is a little different than their typical beach nourishment activities
  o Jon: Another reason why they chose these sites is because Redondo Beach is not always the best site to receive sand because of its proximity to the canyon; whatever you put on that beach, ~half of it goes away immediately
• Melissa: Does the County have plans to go in and mine some of this material (OH) in the future?
  o Jon: Yes, the sand could be sent directly onshore to Redondo Beach; the County is thinking more in the long-term; there are no immediate plans to use this material
  o Larry: So, to date there’s been no removal of the sand placed at this location?
    ▪ Joe: In 2000, this was used as a temporary (~1 month) placement site; then the Corps came in and pumped the material onto the Redondo Beach; that beach nourishment was completed March 30, 2000
• Melissa: What is the current depth of the Outer Harbor placement site?
  o Jon: Generally, at the seaward end (-45 or -44); at the landward end (-42)
    ▪ Averages about -44
• Jun: Can you provide the LAC regional sediment management plan?
  o Jon: Yes
• Jun: What is the project timeline?
  o Jon: ~2 months for characterization; they would then initiate 404, 401 and CDP; if everything works out ideally, they could do the work next fall
• Jon: The Corps has a project to repair the outer breakwater in King Harbor; as part of that effort, the Corps will need to have some of that material removed in order to access the work site
  o The city has been in discussion with the Corps because the city’s work could benefit the Corps’ effort