

Environmental Summary Report (June 2015)

Good News Highlights:

- Congratulations and special thanks to artist Kaitlin Conway for illustrating the latest CPA publication, a children's activity book. Kaitlin Badgett, CPA environmental intern, provided puzzle and text support. CPA's Matt Milhoan has published it to the Port Canaveral website and also formatted it for interactive use. Please check it out and send any comments. The hard copies (by Florida Today) will be forthcoming.



- Thanks to Brian Waterhouse, Jason Palmer, and AJ Jendroch for clean-up of north warehouse. Cleaning and paint that may have otherwise been classified as hazardous materials were recycled where possible, and categorized and properly disposed at Brevard landfill, saving CPA over \$12,000.
- Thanks to Terry Hicks, Diane Gray and other organizers for the Employee Appreciation Picnic at CT-3 on June 24th.

Construction/Regulatory Support:

- Canaveral Widening and Deepening Step 1: GLF submitted weekly turbidity and observer monitoring reports. GLF's dredging plan for uplands disposal was submitted and CPA comments provided. No response has been received as on July 21.
- Canaveral Widening and Deepening Step 2: Weekly turbidity and observer monitoring reports are being submitted. CH2MHill continues to coordinate the "as-built" sections with the Corps for the updated O&M plans that are to be bid in July.
- 21st Century Widening/Deepening Project: Prior to running the HarborSym (economics model), the DMA team and CH2MHill team have compiled memo and graphics to document the without and with-project conditions, for concurrence with CPA leaders. This documentation has been initially presented and additional details are being developed. This is also being used as a "harbor map" for upcoming master planning, sampling planning and financial planning.
- Cranes: Emission source test report was submitted to FDEP on June 16. Operation meeting for regulatory documentation has been scheduled.
- Potable Water transfer: CH2MHill draft connection protocol and checklist was submitted and distributed for CPA review.
- Auto Terminal Service Lot: CEG submitted the FDEP Environmental Resource Permit modification for the AT-1 Parking lot on June 16. CEG submitted dewatering plan to FDEP on June 23. CPA Env./Eng. Reps reviewed the Stormwater Pollution Prevention Plan (SWPPP) documentation with the contractor on June 19.
- Joint Coastal Permit for the Canaveral Harbor Sand Bypassing project, File No. 0220629-005-JC was issued by FDEP on June 12.
- Nisbet/King Intersection Improvement Environmental Resource Permit (ERP) application was submitted by Atkins on June 17.
- SR 524 Logistics Center stockpile permit application was submitted by ATKINS to SJRWMD on June 22.

- CPA Storage Tank registrations renewals were received June 23.
- SR 401: Erosion continues to threaten infrastructure along SR 401 curve and related project areas. FDEP issued emergency work permit of May 20. Additional submittal for same work authorization was also made to USACE on May 19 and May 21. In the follow-up call with USACE on May 21, the reviewer indicated that the Corps would not likely authorize any slope stabilization effort that was not a comprehensive plan. (Note a comprehensive plan was previously submitted (at 4:1 slope) over 15 months ago). The Corps review requires minimization of surface water resource impact (to the reviewer this means a slope more gradual than 2:1 (i.e. 3:1 or 4:1) would be denied by the Corps. The Corps reviewer also indicated the stormwater pond revetment should be submitted as a separate permit application and as long as slopes were 2:1 and impacts minimized or eliminated, that design should be able to be permitted without much objection from the commenting agencies. This Corps application was submitted June 19 by ATKINS.
- Anamar Environmental Section 103 sampling: Since USEPA informed Corps and CPA of a reassignment of longtime reviewer on May 22, continuous priority requests have been made by many parties (including Senate and CPA executive offices) to review the WTB Cargo Deepening sampling plan request. Delayed sampling approvals may threaten the grant funding request if the dredging work is not completed by Dec. 2016. USEPA has recently indicated this has been made a priority, and several "initial" comments were received on July 17 and promptly addressed and resubmitted. As on July 21, approval is still pending.
- LS Sims performed PH 1/Ph 2 for sites 520, 530 and 540 Challenger Road and 620 Magellan Road.
- Environmental Intern, Kaitlin Badgett, compiled background and proposal for completion of Cove/Scallop (SR 528/401 "cloverleaf" pond area) mitigation, in response to USACE concern that the success coverage was not yet met.

Incidence Reports/Misc.:

- On June 15, a minor leak at CT 1 west gangway was promptly cleaned with absorbents.
- At SOTP, a verbal report was made of rust floating in at the beach (June 11) from reported barge operations. Follow-up with USCG indicated that it was natural seed source that is seasonally brought in with tide.
- Sargassum seaweed accumulated at JP beach. Field permit for mechanical cleaning was approved by FDEP on June 18. Jetty Park personnel supervised clean-up effort.

Inlet Management Plan:

- Joint Coastal Permit for the Canaveral Harbor Sand Bypassing project, File No. 0220629-005-JC was issued by FDEP on June 12.
- The sea turtle monitoring biologist reports for June are as follows. (This monitoring is being funded by the Corps, vis-à-vis the Brevard North Reach renourishment post-construction monitoring requirements. Note the north reach (NR) encompasses beach from Jetty Park to PAFB (R1-R53) and the Canaveral Sand bypass (CSB) is a subunit (R1-15): North reach (NR) Total loggerhead (Cc) Crawls = 658; Green turtle (Cm) Crawls = 2 (CSB subtotal = 47Cc crawls/0 Cm crawls); NR Cc Nests = 198 (CSB subtotal = 17); NR Cc False Crawls = 455 (CSB subtotal = 30). There has been no further leatherback nesting in the North Reach or CSB sub-unit. The first leatherback nest deposited within the CSB study area hatched and emerged successfully but the clutch has not yet been excavated to determine productivity. The second leatherback nest has likely hatched and emerged but was not observed/recorded so for the time being its fate is undetermined until the clutch is located and excavate/inventory. The two green turtle crawls in June were false crawls and were located well outside the CSB survey area. July numbers so far have slowed considerably overall. Only a few nests have hatched and emerged within the CSB in June and about a third of those showed some level of disorientation.

Litter Removal/National Pollution Discharge Elimination System (NPDES)/Invasives:

- Keep Brevard Beautiful continues to perform harbor clean-up, monofilament collection and Brazilian Pepper maintenance.
- For Dec. 2014 fire follow-up with FDEP Emergency Response Dept., PCST sampled soils outside of fence on May 6, but reported that lab failed to successfully complete analysis. After further delay, additional sampling was performed after FDEP asked for results reported by June 17. PCST transmitted analysis to FDEP on 6-18-15. FDEP requested additional information and reporting forms Interim Source Removal Report (ISRR). CPA consultant is performing sampling to address the FDEP questions.

Water Quality Sampling:

- ERD continues monthly sampling in harbor and barge canal. April reports summarized harbor quality as fair to good with elevated concentrations of chlorophyll-a observed at most sites and TSS lower than normal at all sites. Barge canal water quality was reported as fair to good. No significant evidence of potential bacterial contamination was observed at any sampling site.

Environmental Communications:

- Light Management Plan meeting with FWC and FWS was held on May 21 to address final comments/questions. Matrix of proposed changes for new plan from 2006 plan was prepared for CPA executive team. The U.S. Fish and Wildlife Service indicated...“we greatly appreciate the effort made by the Canaveral Port Authority and its associates past and present in developing a revised plan that in our view has successfully blended specific, non-specific, and sometimes disparate information into a comprehensive, up-to-date, and inclusive document that we hope moving forward into the implementation phase, proves to be a model for light management at other port facilities within the range of nesting sea turtles.”
- Alpha Omega representative (emergency response continuing contractor) met at CPA on June 16 and completing staff badging.
- Brandt Ronat edited CPA environmental website materials, including videotape interviews of the Inlet Management Plan Coastal Engineer, Dr. Kevin Bodge, and sea turtle permit holder, Don George, on May 28. Draft can be viewed at <http://youtu.be/-ng8zclGxnQ>
- 100 CPA water bottles were provided for Archaeologists for Autism event scheduled at Sams House (Merritt Island) in October.

Remediation:

- 116 GKB: June semi-annual sampling was completed. AECOM prepared summary exhibit of the bulkhead detail to provide with the responses to FDEP risk assessment report (RAR) comments. Response is in final team review.
- Semi-annual monitoring report for former Harbor Fuel and Ice (626 Glen Cheek Dr.) was submitted by tenant’s consultant to Brevard County and CPA.
- Port Counsel and environmental reps met with Brevard County manager on the status of the Sea Ray Boats - Merritt Island Dock House site on June 30.