



**US Army Corps
of Engineers®**

**Port Everglade Navigation Improvement Plan
IWG Meeting: Project Update
April 20, 2018**

Teleconference/Webinar Information

1-877-336-1831
Access code: 3709243
Security Code: 1234

Webinar: <https://usace.webex.com/meet/lacy.s.pfaff>

Attendees (Responses or known attendees as of April 19, 2018)

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Meeting Purpose: To formally propose a regulatory approach with the goal of providing reasonable assurances on minimizing project impacts and mitigating direct and indirect impacts.

Meeting Goals:

- Complete a formal introduction of this approach to IWG members.
- Provide opportunity for preliminary questions and clarification.
- Decision on follow-up for more in-depth discussion.

Introduction: Lacy

Modeling Approach: Lacy/Drew

- Drew lead on the modeling.
- Drew gave an update on the model...when to see results etc from Taylor Engineering. See slide modeling update.
- There will be a final report and webinar for the IWG. Working to get plots made and out to team.
- Goal end of May report and mid- May for results. Additional analysis with additional data sources.
- Goals of the modeling now still has value. Qualitative measure not quantitative...mining information. Model not to be used for quantitative information.
- Lew – computer programs could provide much more information but there have been limitations on how the model is configured to run. Limiting current model set up/configuration.
- Jenny: What is the path forward to improve the model?
- Not a full blown enhanced model that takes a year. Production runs in video format on line.
- Goal...Curtis: Perhaps use to help inform where monitoring would be located.

Minimization Measures considered: Jason

The following are being considered as minimization measures by the Corps. No final decision made yet; still being discussed internally.

- Formally propose minimization items on screen...See slides
- No overflow: water, allowed to settle.
- Evaluating...period of time where water and sediment would settle out with some decanting.

- Performed once scow already loaded with no further loading..remove water from the scow and resuspension of sediment from sloshing .
- Water quality standards still in effect. Part of overall monitoring of water quality requirements based on WQC.
- Std. practice is over flow. When does it occur normally – settle for ½ hour, load for an hour, part of the monitoring every 4 hours. **Water sampled before release? Turbidity monitoring at PE?**
- No Rock Chopping
- Seasonal Windows: Which months have the biggest impact on the corals and can restrict dredging off shore. Still working inside the jetties and main access channels. Would monitor for impacts outside. Spawning info from NMFS letter. Lew. Stressed by heat and light...look at October for potential inclusion. Can look at time series of photos with Miami project.
- Anchoring outside the channel: Projections on anchoring and what it would do in operation of a cutter suction dredge. Miami lesson...anchor inside the channel to reduce impacts. Direct and indirect
- Spider barge loading beyond the third reef. Constraints and conditions on slide.

Potential Mitigation of Indirect Impacts: Terri

See slides on factors that were considered in coming up with this approach.

Follow-up - How and When: Gina

- Packet with information next week.
- Follow-up with presentation and additional information plus rationale...27th April.
- Convene in a face-to-face forum to go over questions in 3 weeks.

Meeting Close