

Flagler Ditch Restoration Project – Questions from Concerned Citizens Post Workshop 1

1. Water Quality:
 - a. Do you have a physical water quality test from this Project area that determines it 'impaired'?
 - b. Do you have a 'Pre' and 'Post' water quality test from a recent Project in the Volusia or Flagler area?
 - c. How do you guarantee that water quality in this Project will not be adversely affected?
2. What is the scientific evidence of a collapsed or collapsing ecosystem in the Project area?
3. There is a non-dragline area adjoining Sections A & B in this Project which has naturally lost wetlands. It was discussed with Staff that this occurred naturally due to local environment (ICW, sea level rise, currents, weather events, etc.); and will eventually occur with the restored marsh over time as well. Staff agreed.
 - a. If this is a possible action that can occur due to the surrounding environment in this location, is the restoration a wise plan financially and regarding the immediate negative effect on the current fish and wildlife?
4. Is there a test on file that shows that this Project area has less than 50 lbs. of fish per acre?
5. Mangroves -
 - a. How many mangroves are currently present?
 - b. How many will be removed?
 - c. When can a map of mangroves to be removed be available?
 - d. How do mangroves perform to stabilize erosion and mitigate sea level rise vs salt marsh?
 - e. Can the mangroves grow back with severe stress? If so, what is the timeline?
6. Wind & Flood control-
 - a. How will the removal of taller vegetation change the water flow onto adjacent developed properties; in typical and extreme weather events?
 - b. How will the fetch of the wind be changed?
 - c. What will be the impact on bordering property wells with the change in water flow?
7. Mosquito control- This August, Volusia County reported the first human Eastern Equine Encephalitis (EEE) case in 15 years. There are additional reports in animals. EEE is considered more serious than West Nile.
-Salt marsh mosquitoes are considered prime vectors for Eastern Equine Encephalitis, Venezuelan equine encephalitis and dog heartworm.
 - a. What increase in mosquito infestation will approx. 40 acres of salt water marsh produce?
 - b. Will the increase in mosquito breeding ground cause an increase in chemical spraying?
8. How will the Project impede navigable waterways and access?
 - a. Will this project interfere with riparian rights?
 - b. When working with residents to identify important navigable passages, will alternatives based on variable water levels be guaranteed?

9. Have the protected or threatened species of fish or wildlife been identified in each planned piece of the Project?
10. Do you know how deep the ditches were dug during the original dragline ditching in this Project area?
 - a. And how deep are they now?
 - b. The current ditch depths act as a rudimentary radiator providing a means to cool water temperatures in the shallow basins on hot summer days. What effect will the project have on the water temperatures; specifically, will it raise the water temperatures?
11. Do you have a core sample to determine if there is DDT in the soil in this Project area?
12. Have you identified the spoil piles targeted?
 - a. If not, when will that be done?
13. In the last workshop it was stated that there is 10% in the budget for monitoring. Will that be used to engage an outside/third party source (third party not currently associated with the project team)?
14. Do you have a reserve budget if there are damages (oyster beds, etc.) during/after the Project?
 - a. Who should be contacted if that is discovered?
15. Has there been an economic impact study?
16. Is there a property value study; the impact of home values during and after the Project
17. Will fish/wildlife/aquatic life be killed during the process of this Project?