



**Monthly Watershed Watch
Baseline Monitoring Survey Report**

Date: March 27th, 2021 at 12:30 pm
Location: Cypress Cove
Observers: Dallas King (Intern)
Weather: Sunny, 76 degrees F
Past 24 hours: 0 inches

I. In -Creek Conditions

- A. Water – Water surface is brownish colored and muddy. No odor present. This creek has a tidal influence and the tide is outgoing. Water flow is slow moving.
- B. Creek Bottom – The creek bed is brown. The water depth gets deep and the water level seems average. Creek bed composition is estimated to be mostly organic debris and silt, with some sand. There is no algae present.
- C. Creek Vegetation – Stable with vegetation cover. Cypress trees and phragmites along the edge.
- D. Pipes – There are no pipes present.

II. Creek Corridor Conditions

- A. Creek Bank – Muddy. The cove is surrounded by Cypress trees and tall grasses. The creek bank is wetland along with some forest. The creek is next to an old house development that is somewhat overgrown.
- B. Runoff – Runoff from the nearby houses could be a source.
- C. Corridor – Land use in this area is mainly private. The area is next to a housing development. There is a forested area straight ahead, to the right and left that is undeveloped. There is public access to this cove with a dock and parking lot. No new construction nearby and wetlands are present.
- D. Wetlands – visible wetlands present, which are degraded by trash and disturbed bank.
- E. Litter and Trash – Present in the mud lining the cove next to the public access dock. Also some trash floating in water.

III. Wildlife

- A. There are birds and insects.
- B. No endangered species were present.

IV. Water Quality Data

- A. DO – 84%
- B. DO ppm – 7.59
- C. pH – 8.47
- D. Temp – 20.3 Celsius

V. Additional Comments

Water quality measurements were taken off the public dock

Downstream



Upstream

