



**Monthly Watershed Watch  
Baseline Monitoring Survey Report**

Date: March 27, 2021 at 12:00pm  
Location: Rowell Branch of Mill Creek  
Observers: Dallas King (Intern)  
Weather: Sunny, 76 degrees

Rain in Past 24 hours: No

**I. In -Creek Conditions**

- A. Water – Water is brownish colored and muddy. No odor present. This creek has almost no tidal influence.
- B. Creek Bottom – The creek bed is brown. The water depth is more than 1' and the water level seems average. Creek bed composition is estimated to be mostly organic debris and silt, with little sand. There are no areas of the creek that have been filled and there is algae present on the bridge legs that are in the water.
- C. Creek Vegetation – Stable with vegetation cover.
- D. Pipes – There are no pipes present.

**II. Creek Corridor Conditions**

- A. Creek Bank – Creek is shaded by trees and undeveloped wetland land on the right and a bridge to the left. Not a traffic area but constant cars come by.
- B. Runoff – Roadways and bridge could be sources of runoff. There is no visible runoff from roadway.
- C. Corridor – Land use in this area is mainly commercial/Industrial. The area is next to a road and bridge. There is a forested area to the right, downstream of the creek, which is relatively undeveloped. There is not a public access to the creek and there is no evidence of clear cutting. No new construction nearby.
- D. Wetlands – visible wetlands present, which are degraded the bridge, trash, and disturbed bank.
- E. Litter and Trash – Present (better than last month)

**III. Wildlife**

- A. Birds were present as well as water mosquitos and other insects.
- B. No endangered species were present.

**IV. Water Quality**

- A. DO% - 80.2%
- B. DO ppm – 7.10
- C. pH – 9.31
- D. Temp – 21.4 C

**V. Additional Comments**

**Pictures:**

**Up Stream**



**Downstream**

