



## RIVANNA RIVER STEWARD REPORT

River Stewards: Dan Triman Date: 05-07-17

Starting Location and Time: North Fork – 29 Bridge (9:30 AM)

Ending Location and Time: North Fork – Proffit Rd (1:30 PM)

Weather: Cloudy / Some Sun Recent Precipitation: Heavy rain the last week

USGS Gauges: Earlysville 3.60 ft (470 ft<sup>3</sup> / sec), Palmyra 6.00 ft (2700 ft<sup>3</sup> / sec),

Water Color: Brown Water Odor: None Air Temp. : 60 deg F

DO: 5 ppm PH: 7 Turbidity: 40 JTU Water Temp. : 19 deg C

Water Testing Location: Under 29 Bridge River Left (38°09.1'N 78°25.3'W)

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### Land Use:

Mostly private land, with some farms and residential. Good vegetation buffer around the River for the whole stretch of the Rivanna.

### Wildlife Sightings and Plant Life:

Ducks, Sandpipers, Kingfisher, 3 River Otters, Geese, Dragonflies, Butterflies, Spiders, and Crow. Many large downed trees in the water, with vegetation along banks very lush and green. Several severely eroded banks were found during the paddle, mostly on outside of curves in River.

### People Interactions:

Didn't see any other people on the paddle today.

### Litter and Pollution:

There was not much trash at all found during the paddle except for a few plastic bottles. It is assumed most of the trash washed down river with the recent heavy storms.

### Overall Summary:

This is an 8 mile portion of the North Fork of the Rivanna. It turned out the water levels were perfect for the paddle today, since the River was up much higher than usual and flowing much faster than usual (this stretch of the North Fork of the Rivanna is hard to paddle typically due to low water levels). There was a lot of sediment in the River from the storms, many large trees down (but none blocking the entire River), and severe erosion along the banks. Overall this part of the Rivanna is in really good shape.

### Actions Needed – level of priority (1 highest/5 lowest):

None



Figure 1: View down river near 29 bridge



Figure 2: Example of severely eroded bank



Figure 3: One of many large trees down in the River



Figure 4: Another large tree down in the River



Figure 5: Another eroded bank along the River



Figure 6: Railroad bridge crossing half way through paddle





Figure 7: Bridge abutment not currently in use



Figure 8: Very large and angry goose at edge of the water



Figure 9: View of Proffit Rd Bridge looking up river