



# RIVANNA RIVER STEWARD REPORT

River Stewards: Dan Triman and Justin Altice Date: 06-13-18

Starting Location and Time: Milton (1:00 PM)

Ending Location and Time: Crofton (4:45 PM)

Weather: Cloudy Recent Precipitation: Some rain the past week

USGS Gauges: Earlysville 2.35 ft (175 cfs), Palmyra 4.00 ft (1000 cfs)

Water Color: Brown Water Odor: None Air Temp: 80° F

DO: 7 ppm PH: 8 Turbidity: 80 JTU Water Temp: 24° C

Water Testing Location: Crofton Boat Ramp River Left (37°55.1'N 78°17.9'W)

## Land Use:

Mostly farms and wooded land; residential in Keswick and Lake Monticello.

## Wildlife Sightings and Plant Life:

Turtles, Small Birds, Ducks, Butterflies, Dragonflies, Damselflies, Fish, Osprey, Crow, Deer, Turkey, Bald Eagle, Hawk, Blue Heron, Green Heron, River Otter. Downed trees and sediment covered vegetation from flood.

## People Interactions:

Car parked at Crofton and Milton, but didn't see anyone on the River.

## Litter and Pollution:

Good amount of smaller trash (mostly plastic bags stuck in the trees and plastic bottles). Lots of larger objects found as well such as a broom, couch cushion, 2 tables, playground slide, farm equipment, broken wooden wall, golf course sand, rubber tube, and lots of tires. There was also a downed cable in the River (see photo and location below).

## Overall Summary:

Water level and flow was still up today after recent rains. Water is still a brownish color with lots of sediment everywhere. Significant debris and downed trees from the flood. Great wildlife diversity seen during the paddle. Several items of note requiring follow up action as listed below.

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

1 – remove cable from the River; 2 – clear debris (trees) from Croton bridge abutments; 3 – cut back tree in River (strainer); 3 – remove tires and large trash objects; 3 – repair Milton boat landing steps; 3 – remove parts of tree at Milton access road; 4 – repair Milton RCA kiosk



Figure 1: Crofton RCA Kiosk Historic Panel still in good shape



Figure 2: Back side of Crofton RCA Kiosk



Figure 3: Caution tape blocking boat ramp at Crofton



Figure 4: Tree debris blocking River at Crofton Bridge



Figure 5: Tree at Milton Access Road leaning heavily



Figure 6: Debris @ Milton fence showing flood water levels





Figure 7: RCA Kiosk at Milton needing minor repairs – wooden piece at the bottom is bowing out (as is the Plexiglas), and the historic panel needs debris removal



Figure 8: Table at Milton survived the flood



Figure 9: Sediment at Milton steps



Figure 10: Hole in lower steps at Milton



Figure 11: Examples of trees down



Figure 12: Example of tires found in the River





Figure 13: Large tree blocking most of the River (strainer) that should be cut back (located near Milton and beginning of Glenmore property)



Figure 14: Severely eroded bank near Glenmore



Figure 15: Glenmore golf course sand washed out



Figure 16: Wooden wall washed out at Glenmore trail



Figure 17: Couch cushion floating in the River



Figure 18: Cable down in the River near Carroll Creek (N 37.97508° W078.37825°)





Figure 19: Pole the downed cable is coming from



Figure 20: Another view of downed cable near Carroll Creek  
(N 37.97508° W078.37825°)



Figure 21: Playground slide (N 37.96036° W078.36467°)



Figure 22: Tarps wrapped in trees



Figure 23: Farm equipment (N 37.95277° W078.36977°)



Figure 24: Damselfly that landed on kayak





Figure 25: Osprey flying overhead



Figure 26: Green Heron at edge of River



Figure 27: Turtles sitting on a log



Figure 28: Another example of debris from the flood



Figure 29: Tires and trash piled at Mechunk Creek



Figure 30: Justin retrieving a table from a tree



Figure 31: Successful removal of the table



Figure 32: View of debris at Crofton Bridge from the River



Figure 33: Trash removed from the River today