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