



RIVANNA RIVER STEWARD REPORT

River Stewards: Dan Triman

Date: 08-19-17

Starting Location and Time: Woodlands Rd Rivanna Reservoir (7:45 AM)

Ending Location and Time: Woodlands Rd Rivanna Reservoir (9:45 AM)

Weather: Clear Skies Recent Precipitation: Finally some rain this week

USGS Gauges: Earlysville 1.90 ft (70 cfs), Palmyra 3.15 ft (300 cfs)

Water Color: Greenish Water Odor: Musty Smell Air Temp: 75° F

DO: 5 ppm PH: 8 Turbidity: 20 JTU Water Temp: 30° C

Water Testing Location: Woodlands Rd Boat Ramp (38°05.7'N 78°29.3'W)

Land Use:

Residential mainly along the banks of the Reservoir, with some private commercial properties as well, such as Cornerstone Community Church.

Wildlife Sightings and Plant Life:

Turtles, Fish, Ducks, Geese, Osprey or Hawk, Butterflies, Dragonflies.
Vegetation was still very green and lush along the banks.

People Interactions:

There were a lot of people out on the Reservoir this morning. There were several rowing teams practicing, and some recreational boaters (kayaks, rowers, and fishing boats). There were also several people fishing at the Woodlands Rd bridge. Overall I probably saw about 40 people out there.

Litter and Pollution:

There was only 1 or 2 pieces of small trash found today in the Reservoir, but there ½ a large trash bag worth of litter picked up from the Woodlands Rd Boat Ramp area from people who had left their fishing trash behind. There was also a significant green tint to the water from algae growth.

Overall Summary:

The most noticeable thing from today's paddle was the green color and murky film on the surface of the Reservoir (mostly in the UVA Boathouse and Woodlands Rd / Earlysville Rd areas, it got better as you paddle towards the Dam. Glad to see so many people out on a nice morning.

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

3 - Woodlands Rd Ramp area needs attention, road is in terrible shape, and typically a lot of trash found there (even with a trash can present).



Figure 1: Some of the trash found at Woodlands Rd ramp



Figure 2: Group of ducks that greeted me



Figure 3: Algae growth near Woodlands Rd bridge



Figure 4: RWSA buoy floating near Woodlands Rd bridge



Figure 5: View of Earlysville Rd bridge looking downstream



Figure 6: View near UVA Boathouse looking upstream



Figure 7: People fishing under Earlysville Rd Bridge



Figure 8: Another shot of the green algae growth



Figure 9: Up close view of the green algae



Figure 10: One of the many rowers seen today



Figure 11: Osprey or Hawk sitting in a tree after having just caught a fish (fish is being held by the birds feet)



Figure 12: Another shot of the bird holding the fish



Figure 13: Saw lots of these moth webs in the trees today



Figure 14: Cardinal flower growing along the bank



Figure 15: Pink flower growing near Cornerstone Church



Figure 16: Butterfly sitting on the Woodlands Rd ramp