**RIVANNA RIVER STEWARD REPORT**

**River Stewards:** Dan Triman  **Date:** 07-30-16

**Starting Location and Time:** Beaver Creek Reservoir (6:45 AM)

**Ending Location and Time:** Beaver Creek Reservoir (8:45 AM)

**Weather:** Overcast / Drizzly **Recent Precipitation:** Fairly dry

**USGS Gauges**: Earlysville 1.14 ft (14 ft3 / sec), Palmyra 2.65 ft (102 ft3 / sec),

**Water Color:** Very clear **Water Odor:** None **Air Temp. :** 75 deg F

**DO:** 4 ppm **PH:** 7 **Turbidity:** 10 JTU **Water Temp. :** 31 deg C

**Water Testing Location:** Northwest Corner of Reservoir

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**Land Use:**

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| Mostly open space and wooded areas, with some farms and residential. |

**Wildlife Sightings and Plant Life:**

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| Turtles, Bass and other small minnows, Ducks, Smaller birds such as Blue Jays and Cardinal, Butterflies, Dragonflies, Spiders, and 2 Young Deer drinking at the edge of the water. Found numerous shells which appear to be mussels. Large variety of vegetation along the banks, and under water. Several large downed trees in Reservoir as well. |

**People Interactions:**

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| There were about 20 other people out in boats on the Reservoir this morning. Most were fishing, with a couple rowers, kayakers, and stand up paddle boarders as well. |

**Litter and Pollution:**

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| Only found 3-4 pieces of trash during the paddle, such as cans and bait boxes. 3 tires found in the Northwest corner of the Reservoir – 1 was removed, 2 are buried under water. |

**Overall Summary:**

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| Turned out to be a beautiful morning for a paddle. Overall the Reservoir looked very clean and the water was very clear. There were numerous fish swimming around today. Tires found last Fall are still buried in the Reservoir. Some green algae found in the Northwest corner of the Reservoir as well. |

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

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| 3 – Remove 2 remaining tires from the Reservoir;  3 – Look into algae to determine if needs treatment |

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Figure 1: View of the Reservoir from the road Figure 2: View from the Reservoir facing North

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Figure 3: One of the mussel shells found in the water Figure 4: Grasses growing along the Reservoir edge



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Figure 5: One of the large downed trees found Figure 6: Spider on a leaf



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Figure 7: Tire removed from the River Figure 8: Algae growing in Northwest corner of Reservoir

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Figure 9: Turtle on a log Figure 10: One of many webs found in trees

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Figure 11: Cardinal flower Figure 12: One of the cluster of shells seen under water