# Patuxent Reservoirs Conductivity Monitoring

- Pilot study
- Two monitoring stations
  - Upper Patuxent River at Rt. 97
  - Lower Hawlings River at Rt. 650
- Assessing two major water sources for Tridelphia and Rocky Gorge Reservoirs

Upper Patuxent Logger Location

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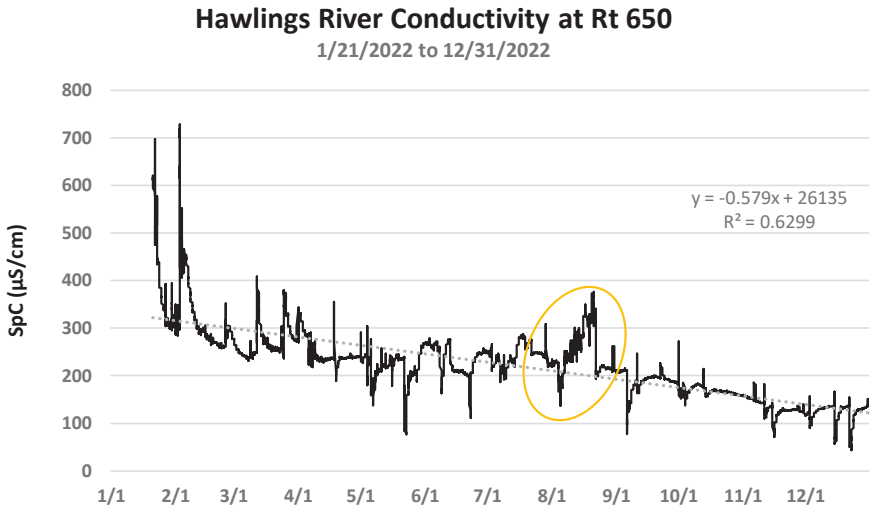


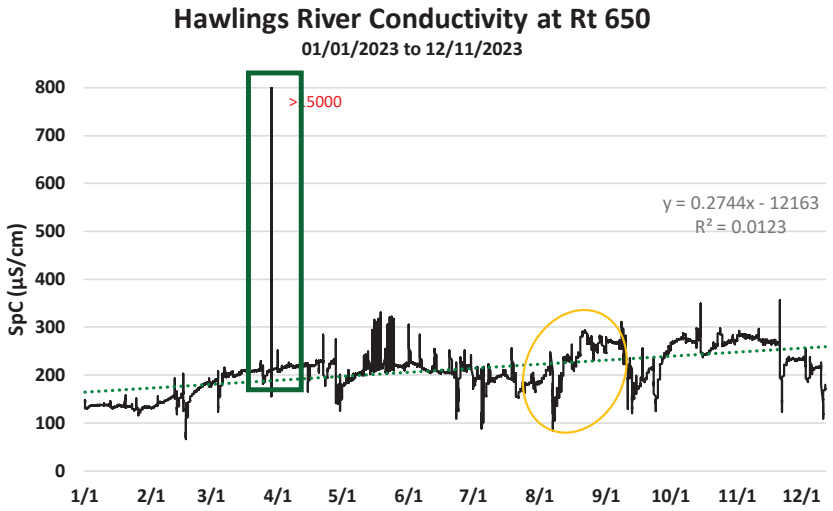


Notes

- Upward spikes are road salting events in winter of 2022.
- Other upward spikes are unknown causes between April 2022 and December 2023
- Orange ovals denote late summer baseflow rise in conductivity
- Green rectangle was a 2-hour spike to >5,000 µS/cm unrelated to any rain or snow events

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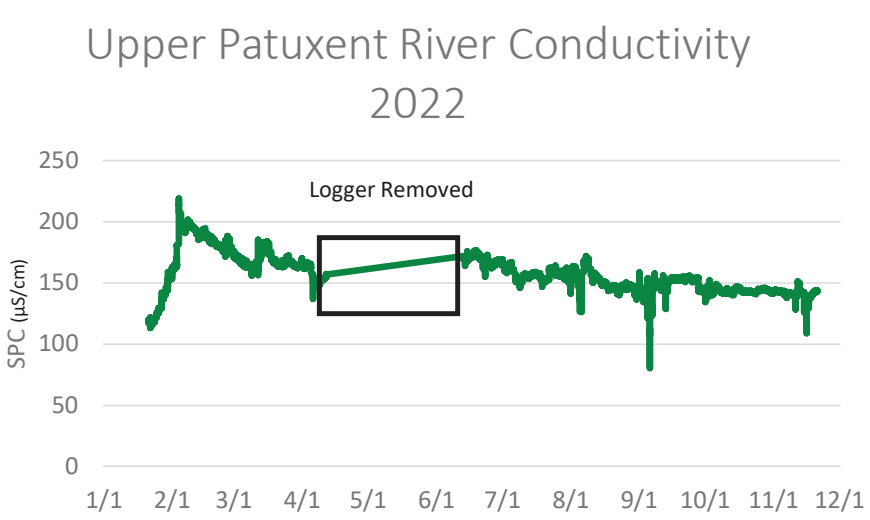


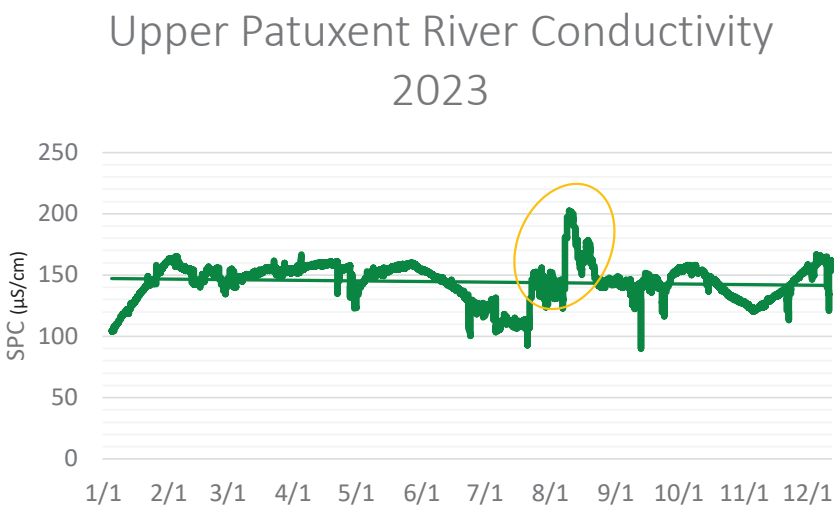


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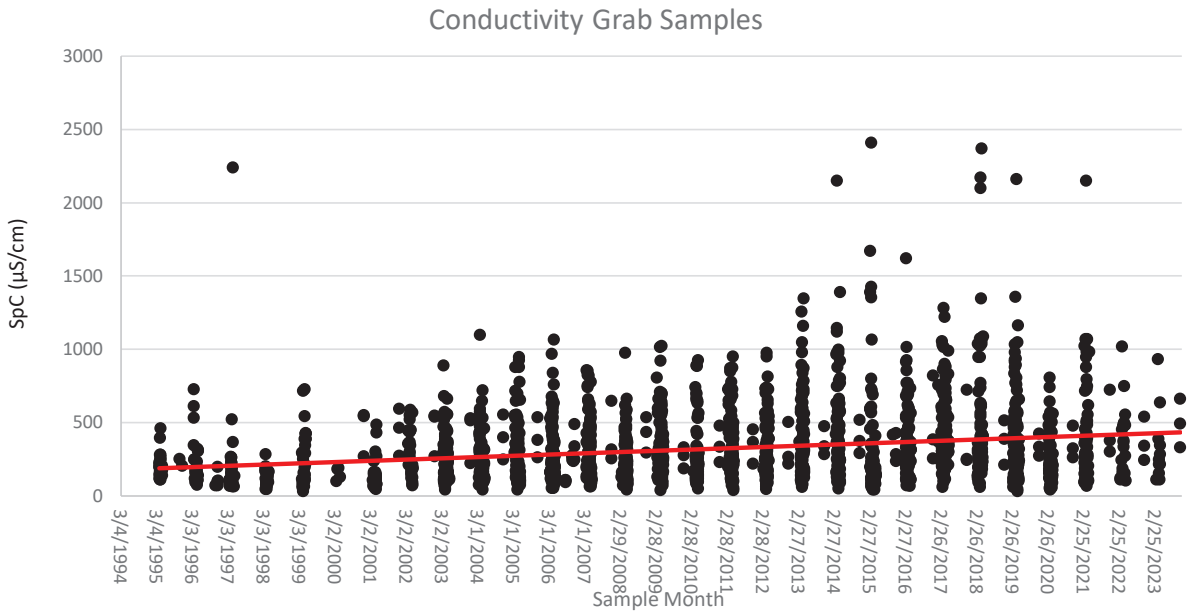
# 28 years of in situ monitoring (1995-2023)

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