

REPORT DATE: 05/29/22

Croton Hydrilla Control Webpage: <https://www.dec.ny.gov/animals/106386.html>

Project Description: This is the 6th year of hydrilla treatment proposed in the Croton River based on an adaptive management plan. Control of the invasive aquatic plant *Hydrilla verticillata* has been highly successful since treatment began in 2017. Multiple years of treatment are required for this plant species because a robust tuber bank was established prior to treatment. The treatment proposed for 2022 again involves the injection of the aquatic herbicide fluridone (Sonar Genesis®) into the river just below the New Croton Dam and at Black Rock Park with a target concentration of 2.0-4.0 parts per billion (ppb) for 90-120 days. Drinking water sample reports are posted on this DEC webpage: <https://www.dec.ny.gov/animals/110624.html>

Tasks Completed – 2022 Field Season

- All 2022 Permits have been received & work safety plans updated for 2022 – copies in each injector
- Injection Units installed, comms established, and new injection line run at both sites
- Silver Lake Beach Thermograph installed 5/26 by DEC R3 Fisheries
- Croton Gorge Park & Silver Lake Beach signage posted for 2022
- No herbicide has been brought on site yet

Upcoming Tasks – 2022 Field Season

- Finish posting riparian signage for 2022
- In-water conduit install at both sites (flow permitting)
- Pump calibration & installation of new check valves at both sites
- Water sampling begins 6/2 @ RES-1 and FO-1 (following DEP NC Reservoir treatment on 5/31)
- Install tanks, fill with herbicide, Begin river herbicide treatment 6/6