

## PROJECT STATUS UPDATE: 2020 CROTON HYDRILLA CONTROL PROJECT

**REPORT DATE: 05/17/21-05/28/21**

Prepared by: Nicole White, NYSDEC Invasive Species Coordination Section

**Project Description:** Hydrilla was discovered on 10/19/13 in the Croton River DEC ISCS developed a 5-Year Management Plan to control it. Extensive surveys have been conducted to delineate the hydrilla infestation in the Croton River and New Croton Reservoir. To-date, no hydrilla has been found in the Hudson River. After successful treatments in 2017, 2018, 2019, and 2020 the treatment proposed for 2021 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.

### Tasks Completed (2021 Field Season Pre-Treatment)

- Article 15 Permit #AV-3-21-316 approved by NYSDEC Region 3 Pesticides 04/30/21
- 1<sup>st</sup> round of landowner notifications mailed 04/01/21 (with informative brochure), 2<sup>nd</sup> round mailed 05/25/21
- Virtual Village Stakeholder Meeting 5/4/21
- Hydrilla germination confirmed in New Croton Reservoir 05/25/21, no hydrilla germination yet located in Croton River
- Day 1 of Project Installation 05/24/21: Injection Units, Solar panels, Fencing, Antenna, Conduit
- Day 2 of Project Installation 05/25/20: Injection lines, conduit
- Day 3 of Project Installation 05/26/20: Communication wiring, leak tests (with water), cameras, comms test
- Thermograph Installed @ Silver Lake Beach by Region 3 Fisheries 05/27/21

Upcoming Tasks 05/31/2021-06/11/2021		
Task #	Description	Lead
1	Post Shoreline Signage 6/2-6/4	SOLitude/ISCS
2	Calibrate with herbicide & Begin Treatment 6/7/21	SOLitude/ISCS
3	Water Quality Sampling 2x per week	SOLitude/Village Water Dept.
4	Post water quality sampling results to webpage	ISCS - McGlynn
5	Inspect Injection Units	ISCS - White

Internal Group Members: Nicole White, Catherine McGlynn, Anthony Lamanno, Cathy Ahlers, Bill Rudge, Justin Perry, Josh Thiel

Support: Brenan Tarrier/Dan Kendall (DOW), Lloyd Wilson/James Leach/Jim Hyde (DOH), Wendy Rosenbach (R3 CPS)

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