

PROJECT STATUS UPDATE: 2020 CROTON HYDRILLA CONTROL PROJECT

REPORT DATE: 06/08/20-06/19/20

Prepared by: Nicole White, NYSDEC Invasive Species Coordination Section

Project Description: Hydrilla was discovered on 10/19/13 in the Croton River. Extensive surveys have been conducted to delineate the hydrilla infestation in the Croton River and potential spread to the Hudson River Estuary. To-date, no hydrilla has been found in proximity outside the Croton River and the New Croton Reservoir. A five-year management plan was created to control Hydrilla in the Croton River. After successful treatments in 2017, 2018, and 2019, the treatment proposed for 2020 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 (2020 Field Season Pre-Treatment)

- Injection Units inspected 6/8, 6/11, 6/12, 6/15,
- Injection tanks filled by SOLitude certified applicator: 6/8, 6/10, 6/16
- Water Quality Samples collected 6/8, 6/9, 6/10, 6/11, 6/16, 6/18
- Drinking water RESULTS: 6/2, 6/3, 6/4, 6/5, 6/8, 6/9, 6/10, 6/11: Fluridone levels all Non-Detect and listed as "Normal"
- Drinking water samples: 6/16, 6/18 still at lab

Upcoming Tasks 06/22/2020-07/03/2020		
Task #	Description	Lead
1	Water Quality Sampling 2x per week	SOLitude/Village Water Dept.
2	Post water quality sampling results to webpage	ISCS - McGlynn
3	Inspect Injection Units	ISCS - White
4	Sample for hydrilla in lower river	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>

This page is updated regularly throughout the season: Water Sample Analysis Page: <https://www.dec.ny.gov/animals/110624.html>