

## PROJECT STATUS UPDATE: 2019 CROTON HYDRILLA CONTROL PROJECT

**REPORT DATE: 10/07/2019-10/18/2019**

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**Project Description:** Hydrilla (monoecious) discovered 10/19/13 in Croton River. Surveys have been conducted annually since 2014 to delineate the hydrilla infestation in the Croton River as well as several high-risk sites within a 10 miles radius including the Hudson River and its tributaries. 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 and 2018, the treatment proposed for 2019 again involves the injection of the aquatic herbicide Sonar Genesis®, also known as fluridone, 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:

- Treatment Season Ended 10/16/19 – 120 days of Sonar Genesis treatment on entire Croton River
- **NO** rooted hydrilla plants or floating hydrilla fragments were found during post-season point intercept plant surveys or snorkel surveys within entire Croton River/Croton Bay.
- Drinking water samples collected 10/7, 10/8, 10/11, 10/15, 10/16, 10/18
- Drinking water RESULTS: 9/30, 10/2, 10/4, 10/7, 10/8, 10/11: Fluridone levels all below 1.0 ppb and listed as “Normal”
- Drinking water samples 10/15, 10/16, 10/18: still at lab
- Injection units inspected 10/7, 10/10, 10/11, 10/14, 10/15, 10/16

Upcoming Tasks 10/21/2019-11/1/2019		
Task #	Description	Lead
1	Collect drinking water samples 2x per week until Non-detects in all wells	SOLitude/Village Water Department
2	Post water quality sampling results to webpage	ISCS- McGlynn
3	Conduct Croton River tuber surveys	SOLitude
4	Demobilize project equipment from Croton Gorge Park/Black Rock Park	ISCS/SOLitude/SePRO

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>