

PROJECT STATUS UPDATE: 2019 CROTON HYDRILLA CONTROL PROJECT

REPORT DATE: 06/17/19-06/28/19

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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:

- Drinking water samples collected 6/17, 6/18, 6/24, 6/27
- RESULTS: 6/15, 6/17, 6/18, 6/24 samples: Fluridone levels all Non Detect and listed as “Normal” – (6/27 still at lab)
- Treatment was shut down 6/18-6/23 due to high flows, treatment restored once flows fell below 500cfs on 6/23
- Tanks refilled 6/24, 6/28 by Licensed applicator (Units also inspected 6/26, 6/27)
- Thermographs installed @ Croton Gorge Park & Silver Lake Beach 06/28 by DEC Reg 3 Fisheries

Upcoming Tasks 07/01/2019-07/12/2019		
Task #	Description	Lead
1	Continue fluridone treatment (2-4 ppb for 90-120 days) of entire Croton River	ISCS/SOLitude/SePRO
2	Post water quality sampling results to webpage	ISCS- White
3	Continue hydrilla surveys in surrounding water bodies	ISCS- White

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

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