

PROJECT STATUS UPDATE: 2021 CROTON HYDRILLA CONTROL PROJECT

REPORT DATE: 09/06/21-09/17/21

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

Project Description: This is the 5th year of hydrilla treatment in the Croton River based on a 5-Year management plan. 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. Drinking water sample reports are posted on this DEC webpage: <https://www.dec.ny.gov/animals/110624.html>

Tasks Completed – 2021 Field Season

- Treatment shut down following major flooding on 9/2. Treatment was restored at New Croton Dam unit once flows <500CFS on 9/13.
- Treatment shut down on 9/16 following power issues at Dam unit.
- Troubleshooting & equipment replacements on 9/16 & 9/17 – further troubleshooting needed by SePRO to restore power to dam unit
- Annual Vegetation surveys of the 29 Hudson River “High Priority Sites” have begun. No hydrilla has been detected. Croton River SAV surveys will follow Hudson River sites.

Drinking Water Fluridone Concentration Results (Phoenix Labs)		
Date Collected	Sample Status	Listed As
8/31	Fluridone < 1ppb	Normal
9/2	NO SAMPLING - FLOODING	-
9/8	Fluridone < 1ppb	Normal
9/9	Fluridone < 1ppb	Normal
9/14	Still At Lab	-
9/16	Still At Lab	-

Upcoming Tasks		
Task #	Description	Lead
1	Village Drinking Water Sampling 2x per week	SOLitude/Village Water Dept.
2	Post Village Drinking water sample results to webpage	ISCS - McGlynn
3	Demobilize Injection Units & Remove signage	ISCS/SePRO/ SOLitude
4	SAV Surveys of Croton River	SOLitude/ISCS

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