

PROJECT STATUS UPDATE: 2021 CROTON HYDRILLA CONTROL PROJECT

REPORT DATE: 08/06/21-08/20/21

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

- SHUT DOWN due to high flows: 8/19 – 8/20 (total of 7 rain days so far this season, not expected to impact overall treatment)
- Injection unit tanks filled by SÖLitude certified applicator: 8/10, 8/19
- Units inspected by ISCS 7/9, 7/11
- SCUBA Survey above Silver Lake Beach 8/9 by LH PRISM AIS Strike force/ISCS (Team of 7) revealed no hydrilla plants, and no floating fragments. Poor visibility and high flows due to NYCDEP operations upstream. Further snorkel survey may not be possible for the rest of the season.

Drinking Water Fluridone Concentration Results (Phoenix Labs)		
Date Collected	Sample Status	Listed As
8/04	Fluridone < 1ppb	Normal
8/05	Fluridone < 1ppb	Normal
8/10	Fluridone < 1ppb	Normal
8/12	Fluridone < 1ppb	Normal
8/17	Fluridone < 1ppb	Normal
8/19	Still At Lab	-

Upcoming Tasks		
Task #	Description	Lead
1	Village Drinking Water Sampling 2x per week	SÖLitude/Village Water Dept.
2	Post Village Drinking water sample results to webpage	ISCS - McGlynn

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

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