

## PROJECT STATUS UPDATE: 2018 CROTON HYDRILLA CONTROL PROJECT

**REPORT DATE: 06/18/18-06/29/18**

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**Project Description:** Hydrilla (monoecious) discovered 10/19/13 in Croton River. Surveys were conducted in 2014, 2015 and 2016 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 a successful first year treatment in 2017, the treatment proposed for 2018 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 60-120 days.

### Tasks Completed (2018 Treatment)

- AIS Outreach @ Clearwater Revival 6/16-6/17
- All treatment signage checked 6/21
- Injection Unit tanks filled by SOLitude licensed applicator 6/21 & 6/26
- DW Samples collected 6/19, 6/21, 6/26, 6/28
- Phoenix labs water quality reports posted to DEC webpage 6/20 & 6/27 **All Normal**
- Croton Hydrilla Conference Call 6/27
- Hydrilla eDNA study site visits #2 – (American Museum of Natural History) 6/29
- REON site to go online (Clarkson University) at Black Rock Park (2<sup>nd</sup> week of July)

Upcoming Tasks 07/02/2018-06/13/2018		
Task #	Description	Lead
1	Continue fluridone treatment (2-4 ppb for 90-120 days) of entire Croton River	ISCS/SOLitude/SePRO
2	Monitor & Log injection unit levels at least 3 times per week	ISCS – White
3	Conduct Invasive Species Awareness Week outreach events	ISCS – White
4	Draft 2017 Annual Report	ISCS - White
5	Biweekly ICS reports	ISCS - White
6	Collect DW Samples twice per week and send to Phoenix Labs	SOLitude/Village of Croton
7	Post Phoenix Labs water quality sampling results to webpage	ISCS- White

Internal Group Members: Kathy Moser, Willow Eyres, Catherine McGlynn, Anthony Lamanno, Cathy Ahlers, Bill Rudge, Justin Perry

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

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