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Commissioner

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February 29, 2024

VILLAGE OF
CROTON-ON-HUDSON, N.Y.

Dear Neighbors:

We are writing to inform you of the resumption of the project at New Croton Reservoir. In May, the New York City Department of Environmental Protection (DEP) will begin the fourth year of a multi-year project to remove Hydrilla from the reservoir. Hydrilla is an invasive weed that comes from Asia and grows aggressively in water, forming dense mats that crowd out native plants, harm fish habitats, and interfere with boating, fishing, and other recreation.

This disruptive plant can also harm water quality by exacerbating the growth of algae, and by introducing nutrients that change the taste and smell of water. Hydrilla can also grow thick enough to clog water-supply intakes.

In other words, Hydrilla is a pest that needs to be removed before it affects our natural resources and drinking water infrastructure.

Hydrilla was first discovered in New Croton Reservoir in 2014. The Hydrilla infestation started as small patches along the shoreline, but spread quickly to cover approximately 15 percent of the reservoir.

For several years, DEP has collaborated with New York State and local communities on a regional effort to remove Hydrilla from the reservoir and the downstream Croton River. Because you live along the river, you likely received a notification similar to this each year before the state began its work to eradicate Hydrilla from the river. That effort is now complete.

Later this spring, DEP will continue to remove the small amount of remaining Hydrilla from New Croton Reservoir by targeting the weed with an ultra-low dose of fluridone, a chemical that prevents it from growing. DEP used the same treatment for the past several years in the reservoir and it was also used by New York State to safely remove this aquatic plant from the Croton River. Treatment in the reservoir will happen during summer and early fall, under a permit issued by the state Department of Environmental Conservation.

DEP chose this method after consulting with a panel of scientists, engineers and other experts from across the United States. The expert panel studied the problem at New Croton, reviewed a range of methods to eliminate Hydrilla, and recommended fluridone as the most safe and effective option. DEP conducted a pilot study in 2018, 2019, and 2020 by using fluridone in two remote coves in

the reservoir. The study confirmed the treatment would be safe and effective.

The treatment program will be carried out by a licensed applicator. DEP will perform additional water quality sampling at the reservoir during the treatment season, in close coordination with the state Department of Environmental Conservation. The use of fluridone in the reservoir will not affect the Croton River downstream, nor will it affect your ability to use the water for swimming, fishing, or drinking.

The brand name of the treatment products are included below, along with the water-use restrictions from their labels:

Product	Swimming	Fishing	Livestock Watering	Drinking	Irrigation
Sonar One	24 hours	None	None	None	< 1 ppb for greenhouse and nurseries
Sonar H4C	24 hours	None	None	None	< 1 ppb for greenhouse and nurseries
Sonar Genesis	24 hours	None	None	None	< 1ppb for greenhouse and nurseries

If you have any questions, please feel free to call us at (845) 334-7868.

Sincerely,

**Michael
Usai**

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Michael Usai
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Michael L. Usai
Deputy Chief
Natural Resources Division