



## SERVICE REPORT

**Site** Village of Lindenhurst **Date** Aug 7, 2020

**Service Task Description** Algae Control Visit 4

**Personnel** EMR, JB

**Wind** 6 mph **Direction** ESE **Air Temps** 82 F **Sky** Sunny

Pond # & Size	Product	Amount	Target Plant	DO (MG/L)	Temp (C)	PH	Secchi (feet)	Level
Waterford Lake 67.4	Clearigate, Pondzilla Pro	10 gallons, 2.5 gallons	Blue green algae	18.6	2478	8	2	Normal
Linden Lake 30.5	Clearigate	2.5 gallons	Fil. Algae	11.6	26.1	8	1	Normal
Springledge 3.6	SeClear, Cygnet Plus	2.5 gallons, 10 ounces	Fil. Algae	15	24.2	8	2	Normal
Lake Potomac 14.8	Clearigate, Pondzilla Pro, Cygnet Plus	5 gallons, 1 gallon, 20 ounces	Fil. Algae	8.3	24.2	8	1	Normal

### COMMENTS

Potomac- The lake had 1-10% algae coverage. Treated what was seen, focusing most heavily on the northern half around the homes. There is a band of Wolffia along the southern end of the pond and it is present throughout the lake. An herbicide application would be needed to treat this small plant.

Springledge- The pond was in great condition, with only trace amounts of algae seen and treated. There is a narrow band of duckweed along the northern edge of the pond, which would need an herbicide application to control. There is some late-season plant growth present, most notably, Vallisneria, which is considered a desirable species.

Waterford- The lake was in good condition, with almost no algae seen in the main part of the lake. Treated some small patches of algae growing along the northwest shore. The bay still has some blue green algae present, which was treated. Some late-season aquatic plants are coming in, but not much too close to shore. The fish will be happy! The dissolved oxygen levels were higher than normal, likely due to oxygen production from the algae. This can be of concern because levels can swing very low at night when algae isn't photosynthesizing and stress fish. Hopefully, the treatment will lower blue green algae density and reduce the degree of oxygen swings.





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Linden- The lake was in good aesthetic condition, with very little algae present. We drove the shore and treated what was seen. There are some late-season pondweeds topping out around the shore in a narrow band (<10 feet). These could be spot treated if the community wants.

Report By Emily Reed

