

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
WATER RESOURCES DIVISION
CHEMICAL TABLE TEMPLATE FOR TREATMENT OF NUISANCE AQUATIC PLANTS AND/OR ALGAE

TREATMENT DATE	APPLICATOR NAME	APPLICATOR COMPANY	EFFECTIVENESS OF TREATMENT	CHEMICAL BRAND USED	EPA REGISTRATION NUMBER	METHOD OF APPLICATION	APPLICATION RATE	APPLICATION RATE UNIT	ACRES TREATED	AVERAGE DEPTH IN FEET	TOTAL AMOUNT USED	TOTAL AMOUNT USED UNIT	CHEMICAL PURPOSE	TARGET SPECIES 1
4/20/2025	Blake Cuthbert	Aqua-Weed Control Inc.	Good (70-100%)	Copper Sulfate	46923-4	Surface Spray	1.7	Pound(s)/Acre-Foot	9.8	3	50	Pound(s)	Algaecide and/or Herbicide	Filamentous or colonial algae (non-harmful)
4/30/2025	Blake Cuthbert	Aqua-Weed Control Inc.	Good (70-100%)	Cutrine-Plus Algaecide/Herbicide	67690-93	Surface Spray	0.09	Gallon(s)/Acre-Foot	9.8	3	2.5	Gallon(s)	Algaecide and/or Herbicide	Filamentous or colonial algae (non-harmful)
4/30/2025	Blake Cuthbert	Aqua-Weed Control Inc.	Good (70-100%)	Tribune Herbicide	100-1390	Surface Spray	0.714285714	Gallon(s)/Acre	3.5	3	2.5	Gallon(s)	Algaecide and/or Herbicide	Curly-leaf pondweed (Potamogeton crispus)
5/30/2025	Blake Cuthbert	Aqua-Weed Control Inc.	Good (70-100%)	Cutrine-Plus Algaecide/Herbicide	67690-93	Surface Spray	0.57	Gallon(s)/Acre-Foot	3.5	3	6	Gallon(s)	Algaecide and/or Herbicide	Filamentous or colonial algae (non-harmful)
5/30/2025	Blake Cuthbert	Aqua-Weed Control Inc.	Good (70-100%)	Aquathol K Aquatic Herbicide	70506-176	Surface Spray	0.31	Gallon(s)/Acre-Foot	5.3	3	5	Gallon(s)	Algaecide and/or Herbicide	Curly-leaf pondweed (Potamogeton crispus)
6/11/2025	Blake Cuthbert	Aqua-Weed Control Inc.	Good (70-100%)	Hydrothol 191 Aquatic Algaecide & Herbicide	70506-175	Surface Spray	0.68	Pint(s)/Acre-Foot	9.8	3	20	Pint(s)	Algaecide and/or Herbicide	Filamentous or colonial algae (non-harmful)
6/20/2025	Blake Cuthbert	Aqua-Weed Control Inc.	Good (70-100%)	Cutrine-Plus Algaecide/Herbicide	67690-93	Surface Spray	0.03	Gallon(s)/Acre-Foot	9.8	3	1	Gallon(s)	Algaecide and/or Herbicide	Filamentous or colonial algae (non-harmful)
6/20/2025	Blake Cuthbert	Aqua-Weed Control Inc.	Good (70-100%)	Copper Sulfate	46923-4	Surface Spray	1.7	Pound(s)/Acre-Foot	9.8	3	50	Pound(s)	Algaecide and/or Herbicide	Filamentous or colonial algae (non-harmful)
7/11/2025	Blake Cuthbert	Aqua-Weed Control Inc.	Good (70-100%)	Copper Sulfate	46923-4	Surface Spray	3.4	Pound(s)/Acre-Foot	9.8	3	100	Pound(s)	Algaecide and/or Herbicide	Starry stonewort (Nitellopsis)
7/11/2025	Blake Cuthbert	Aqua-Weed Control Inc.	Good (70-100%)	Cutrine-Plus Algaecide/Herbicide	67690-93	Surface Spray	0.09	Gallon(s)/Acre-Foot	9.8	3	2.5	Gallon(s)	Algaecide and/or Herbicide	Starry stonewort (Nitellopsis)
8/8/2025	Blake Cuthbert	Aqua-Weed Control Inc.	Good (70-100%)	Copper Sulfate	46923-4	Surface Spray	3.4	Pound(s)/Acre-Foot	9.8	3	100	Pound(s)	Algaecide and/or Herbicide	Starry stonewort (Nitellopsis)
8/8/2025	Blake Cuthbert	Aqua-Weed Control Inc.	Good (70-100%)	Cutrine-Plus Algaecide/Herbicide	67690-93	Surface Spray	0.09	Gallon(s)/Acre-Foot	9.8	3	2.5	Gallon(s)	Algaecide and/or Herbicide	Starry stonewort (Nitellopsis)
9/12/2025	Blake Cuthbert	Aqua-Weed Control Inc.	Good (70-100%)	Copper Sulfate	46923-4	Surface Spray	3.4	Pound(s)/Acre-Foot	9.8	3	100	Pound(s)	Algaecide and/or Herbicide	Starry stonewort (Nitellopsis)
9/12/2025	Blake Cuthbert	Aqua-Weed Control Inc.	Good (70-100%)	Cutrine-Plus Algaecide/Herbicide	67690-93	Surface Spray	0.09	Gallon(s)/Acre-Foot	9.8	3	2.5	Gallon(s)	Algaecide and/or Herbicide	Starry stonewort (Nitellopsis)
9/19/2025	Blake Cuthbert	Aqua-Weed Control Inc.	Good (70-100%)	Hydrothol 191 Aquatic Algaecide & Herbicide	70506-175	Surface Spray	0.27	Pint(s)/Acre-Foot	9.8	3	8	Pint(s)	Algaecide and/or Herbicide	Filamentous or colonial algae

Meadow Lake
 Oakland County
 T2N, R10E, Sec. 31
 Bloomfield Twp.
 18.5 s/a

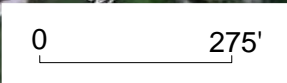
Total Waterbody Under 10' = 16 s/a
 25% s/a = (4 s/a)

Treatment of native vegetation/algae is limited to 100 feet of frontage out to the 5-foot depth contour or 100 feet, whichever is closer to shore per residential property.

Treatment of native emergent and floating leaf vegetation is restricted to a 40 feet x 40 feet area for swimming and boat launching, and a 20 foot wide boat lane to reach open water per residential parcel.

Date: 4/30/2025
 Weather: Sunny Temperature: 40s
 Time: Morning
 Products:

- 5.3 acres Copper Sulfate at 3 ft avg depth for Filamentous or colonial algae (non-harmful)
 5.3 acres Cutrine Plus at 3 ft avg depth for Filamentous or colonial algae (non-harmful)
- 3.5 acres Copper Sulfate at 3 ft avg depth for Filamentous or colonial algae (non-harmful)
 3.5 acres Cutrine Plus at 3 ft avg depth for Filamentous or colonial algae (non-harmful)
 3.5 acres Tribune at 3 ft avg depth for Curly-leaf pondweed (*Potamogeton crispus*)



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100' Setback
 When Flowing
 Flumioxazin for
 Exotics



= One Square Acre



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 Bus (248) 634-8388
 www.aquaweed.com



Meadow Lake
Oakland County
T2N, R10E, Sec. 31
Bloomfield Twp.
18.5 s/a

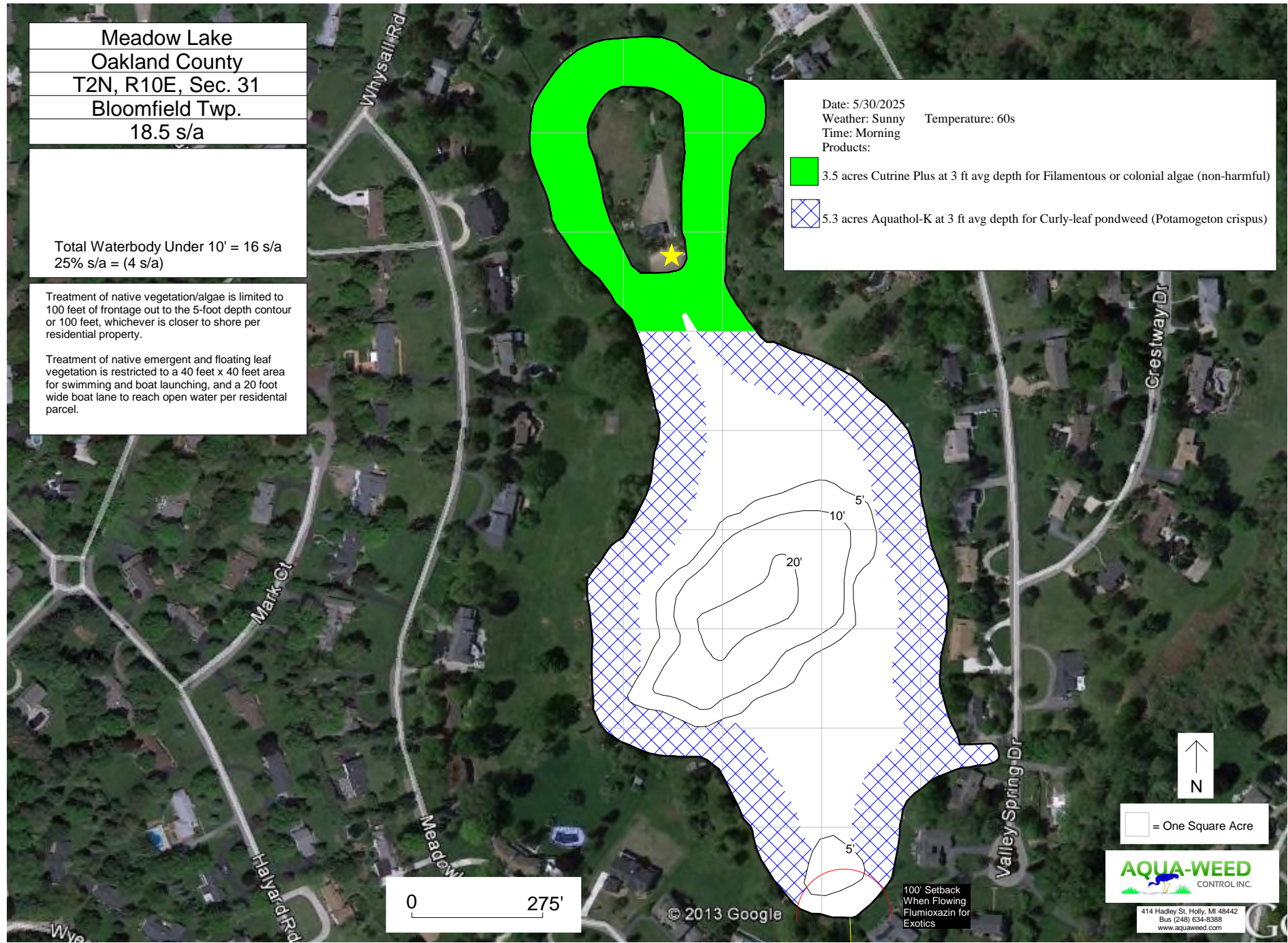
Total Waterbody Under 10' = 16 s/a
25% s/a = (4 s/a)

Treatment of native vegetation/algae is limited to 100 feet of frontage out to the 5-foot depth contour or 100 feet, whichever is closer to shore per residential property.

Treatment of native emergent and floating leaf vegetation is restricted to a 40 feet x 40 feet area for swimming and boat launching, and a 20 foot wide boat lane to reach open water per residential parcel.

Date: 5/30/2025
Weather: Sunny Temperature: 60s
Time: Morning
Products:


-  3.5 acres Cutrine Plus at 3 ft avg depth for Filamentous or colonial algae (non-harmful)
-  5.3 acres Aquathol-K at 3 ft avg depth for Curly-leaf pondweed (*Potamogeton crispus*)



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18.5 s/a

 = Treatment Area
 = 9.8 s/a

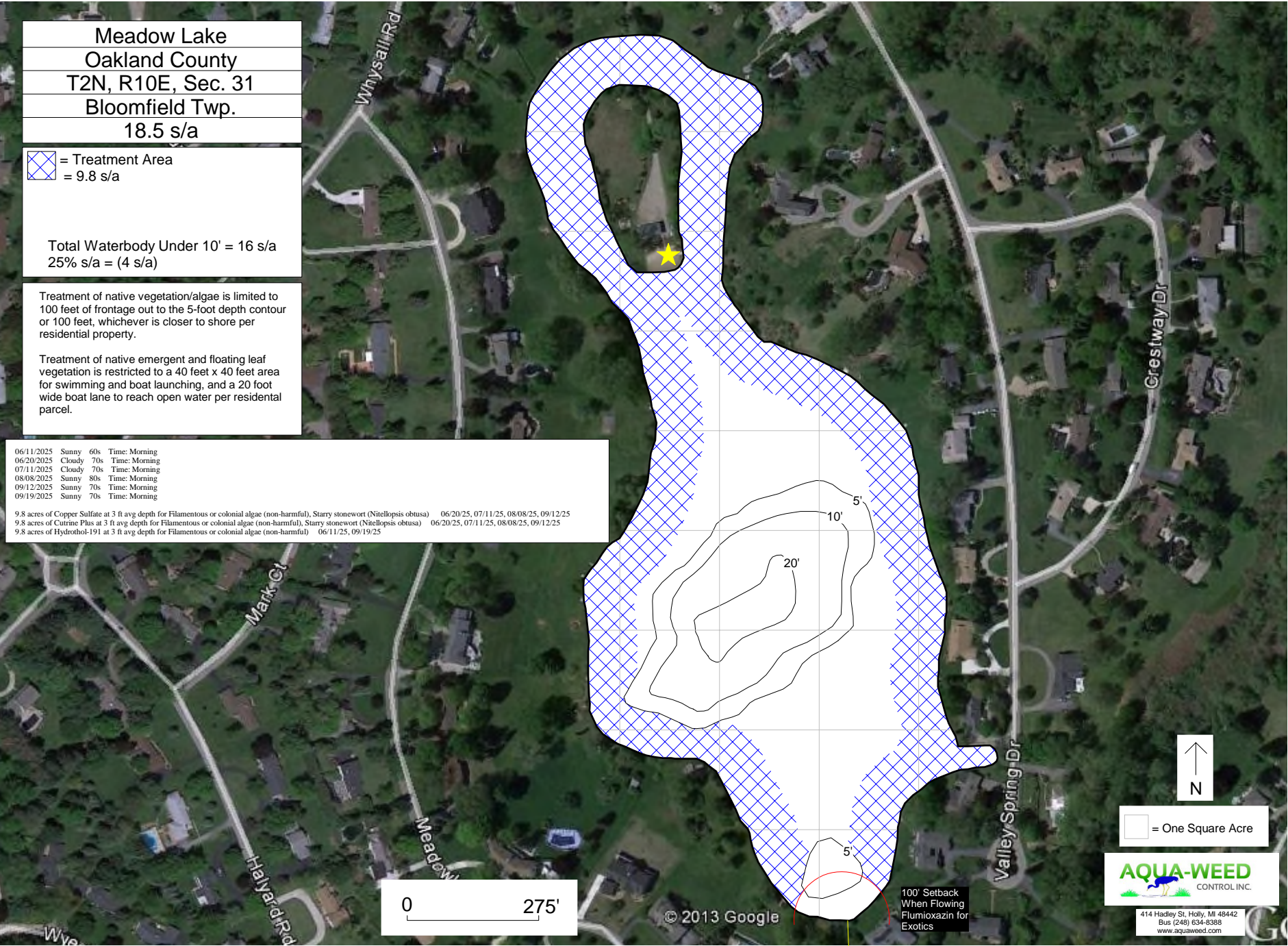
Total Waterbody Under 10' = 16 s/a
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Treatment of native vegetation/algae is limited to 100 feet of frontage out to the 5-foot depth contour or 100 feet, whichever is closer to shore per residential property.

Treatment of native emergent and floating leaf vegetation is restricted to a 40 feet x 40 feet area for swimming and boat launching, and a 20 foot wide boat lane to reach open water per residential parcel.

06/11/2025 Sunny 60s Time: Morning
 06/20/2025 Cloudy 70s Time: Morning
 07/11/2025 Cloudy 70s Time: Morning
 08/08/2025 Sunny 80s Time: Morning
 09/12/2025 Sunny 70s Time: Morning
 09/19/2025 Sunny 70s Time: Morning


9.8 acres of Copper Sulfate at 3 ft avg depth for Filamentous or colonial algae (non-harmful), Starry stonewort (*Nitellopsis obtusa*) 06/20/25, 07/11/25, 08/08/25, 09/12/25
 9.8 acres of Cutrine Plus at 3 ft avg depth for Filamentous or colonial algae (non-harmful), Starry stonewort (*Nitellopsis obtusa*) 06/20/25, 07/11/25, 08/08/25, 09/12/25
 9.8 acres of Hydrothol-191 at 3 ft avg depth for Filamentous or colonial algae (non-harmful) 06/11/25, 09/19/25



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