

EGLE

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
WATER RESOURCES DIVISION

CHEMICAL TABLE TEMPLATE FOR TREATMENT OF NUISANCE AQUATIC PLANT AND/OR ALGAE GROWTH

Completion of the chemical table template is required by multiple reports in MiWaters. Once complete, upload a copy to the space provided in the associated MiWaters form. Do not alter this template, with the exception of adding additional treatment dates.

ANC Treatment Report:

Upload this chemical table template to the MiWaters treatment report form **no later than November 30**.

ANC Expansion Report:

Upload this chemical table template to the MiWaters expansion report form **within 15 business days after the initial treatment of the expanded area of impact**.

ANC Interim Treatment Report:

Upload this chemical table template to the MiWaters interim treatment report form upon request from EGLE.

Permit Number: ANC9804808 **Permittee Name:** PLM Lake and Land Management

Body of Water Treated: WB-2805-1 Little (Upper) Miramichi **County:** Mecosta County Osceola County

Date of treatment (one per section): 5/19/2022							
Name of person applying chemical: Salvatore Adams							
Name of Company or NA if not applicable: PLM Lake and Land Management							
Effectiveness: <input checked="" type="checkbox"/> Good (70-100%) <input type="checkbox"/> Fair (50-69%) <input type="checkbox"/> Poor (Less than 50%) <input type="checkbox"/> Ineffective (0%)							
Chemical Brand Used	EPA Registration Number	Method of Application	Application Rate (10 lbs./acre, etc.)	Treatment Area Size: (Acres)	Average Depth (Feet)	Total Amount (4 gallons, 10 lbs., etc.)	For Control of: (Plant and/or Algae names)
Copper (Old Bridge)	46923-4	Surface Application/injection	1.94 Lbs/Acre Ft	8.62 Acres	3 Ft	50 Pound	Filamentous Algae
SeClear G	67690-72	Surface Application/injection	.89 Lbs/Acre Ft	8.62 Acres	3 Ft	23 Pound	Filamentous Algae

Date of treatment (one per section): **6/2/2022**

Name of person applying chemical: **Salvatore Adams**

Name of Company or NA if not applicable: **PLM Lake and Land Management**

Effectiveness: ☒ Good (70-100%) ☐ Fair (50-69%) ☐ Poor (Less than 50%) ☐ Ineffective (0%)

Chemical Brand Used	EPA Registration Number	Method of Application	Application Rate (10 lbs./acre, etc.)	Treatment Area Size: (Acres)	Average Depth (Feet)	Total Amount (4 gallons, 10 lbs., etc.)	For Control of: (Plant and/or Algae names)
Copper (Old Bridge)	46923-4	Surface Application/injection	1.94 Lbs/Acre Ft	8.62 Acres	3 Ft	50 Pound	Filamentous Algae
Cygnat Plus	Cygnat Plus	Surface Application/injection	.163 Gals/Acre Ft	6.67 Acres	3 Ft	3.25 Gallon	Adjuvant
Propeller	81927-68	Surface Application/injection	.473 Lbs/Acre Ft	6.67 Acres	3 Ft	9.45 Pound	CLP
SeClear G	67690-72	Surface Application/injection	.89 Lbs/Acre Ft	8.62 Acres	3 Ft	23 Pound	Filamentous Algae
Tribune	100-1390	Surface Application/injection	1.5 Gals/Acre	6.67 Acres	3 Ft	10 Gallon	CLP

Date of treatment (one per section): **6/8/2022**

Name of person applying chemical: **Dustin Grabill**

Name of Company or NA if not applicable: **PLM Lake and Land Management**

Effectiveness: ☒ Good (70-100%) ☐ Fair (50-69%) ☐ Poor (Less than 50%) ☐ Ineffective (0%)

Chemical Brand Used	EPA Registration Number	Method of Application	Application Rate (10 lbs./acre, etc.)	Treatment Area Size: (Acres)	Average Depth (Feet)	Total Amount (4 gallons, 10 lbs., etc.)	For Control of: (Plant and/or Algae names)
Cygnat Plus	Cygnat Plus	Surface Application/injection	.18 Gals/Acre Ft	9.53 Acres	3 Ft	5 Gallon	Adjuvant
Propeller	81927-68	Surface Application/injection	1.05 Lbs/Acre Ft	9.53 Acres	3 Ft	30 Pound	CLP

Date of treatment (one per section): **6/22/2022**

Name of person applying chemical: **BreAnne Grabill**

Name of Company or NA if not applicable: **PLM Lake and Land Management**

Effectiveness: ☒ Good (70-100%) ☐ Fair (50-69%) ☐ Poor (Less than 50%) ☐ Ineffective (0%)

Chemical Brand Used	EPA Registration Number	Method of Application	Application Rate (10 lbs./acre, etc.)	Treatment Area Size: (Acres)	Average Depth (Feet)	Total Amount (4 gallons, 10 lbs., etc.)	For Control of: (Plant and/or Algae names)
Copper (Old Bridge)	46923-4	Surface Application/injection	3.34 Lbs/Acre Ft	1 Acre	3 Ft	10 Pound	Chara

Date of treatment (one per section): 7/28/2022							
Name of person applying chemical: Dustin Grabill							
Name of Company or NA if not applicable: PLM Lake and Land Management							
Effectiveness: <input checked="" type="checkbox"/> Good (70-100%) <input type="checkbox"/> Fair (50-69%) <input type="checkbox"/> Poor (Less than 50%) <input type="checkbox"/> Ineffective (0%)							
Chemical Brand Used	EPA Registration Number	Method of Application	Application Rate (10 lbs./acre, etc.)	Treatment Area Size: (Acres)	Average Depth (Feet)	Total Amount (4 gallons, 10 lbs., etc.)	For Control of: (Plant and/or Algae names)
Copper (Old Bridge)	46923-4	Surface Application/injection	1.94 Lbs/Acre Ft	8.62 Acres	3 Ft	50 Pound	Filamentous Algae
SeClear G	67690-72	Surface Application/injection	.89 Lbs/Acre Ft	8.62 Acres	3 Ft	23 Pound	Filamentous Algae

If you need this information in an alternate format, contact EGLE-Accessibility@Michigan.gov or call 800-662-9278.

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This form and its contents are subject to the Freedom of Information Act and may be released to the public.

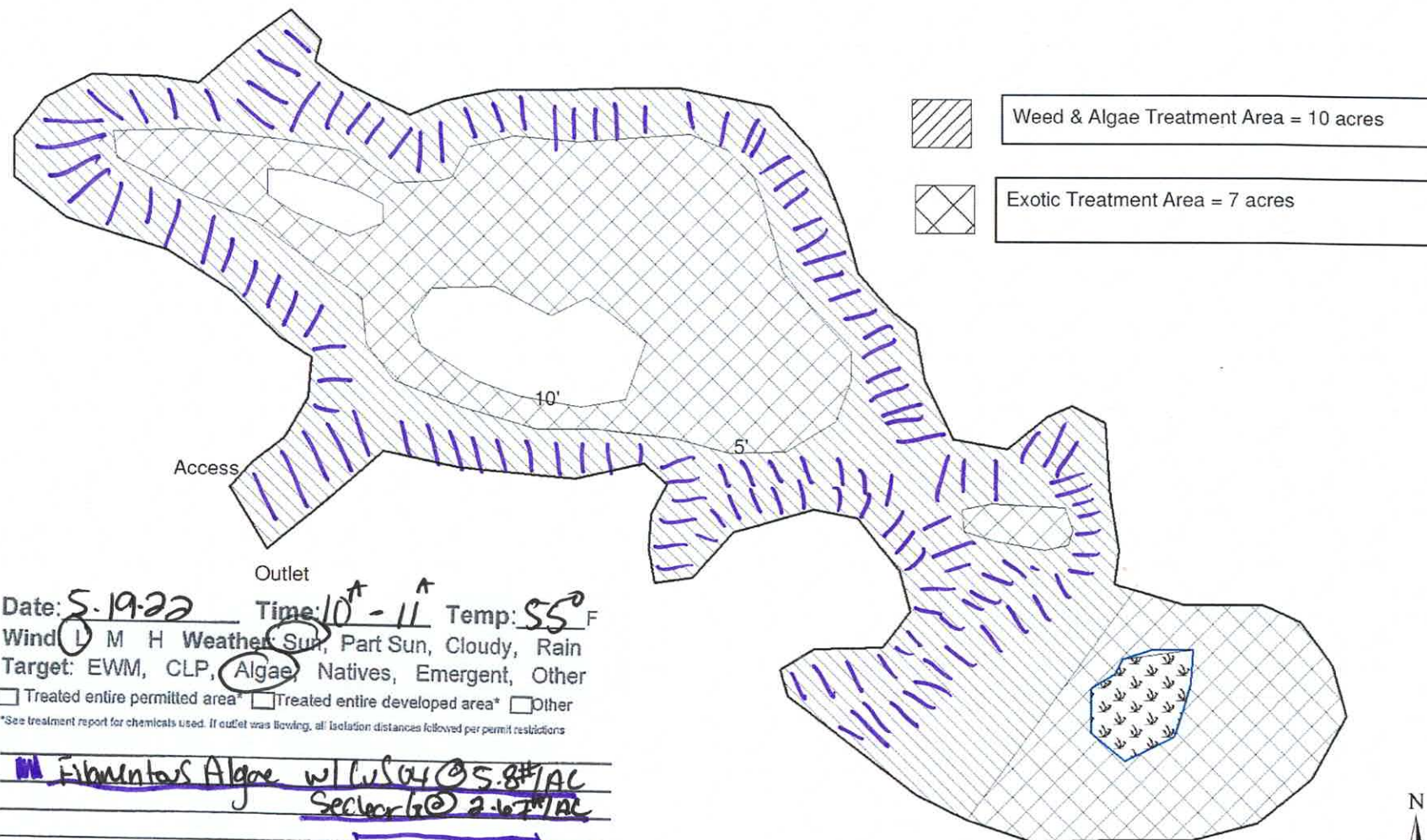
Upper Miramichi Lake

19 Surface Acres

Osceola County

Evart Township

T16N R8W Sec 3,4



Date: 5-19-22 Time: 10^{AM} - 11^{AM} Temp: 55°F

Wind: L M H Weather: Sun, Part Sun, Cloudy, Rain
Target: EWM, CLP, Algae, Natives, Emergent, Other

☐ Treated entire permitted area* ☐ Treated entire developed area* ☐ Other

*See treatment report for chemicals used. If outlet was flowing, all isolation distances followed per permit restrictions

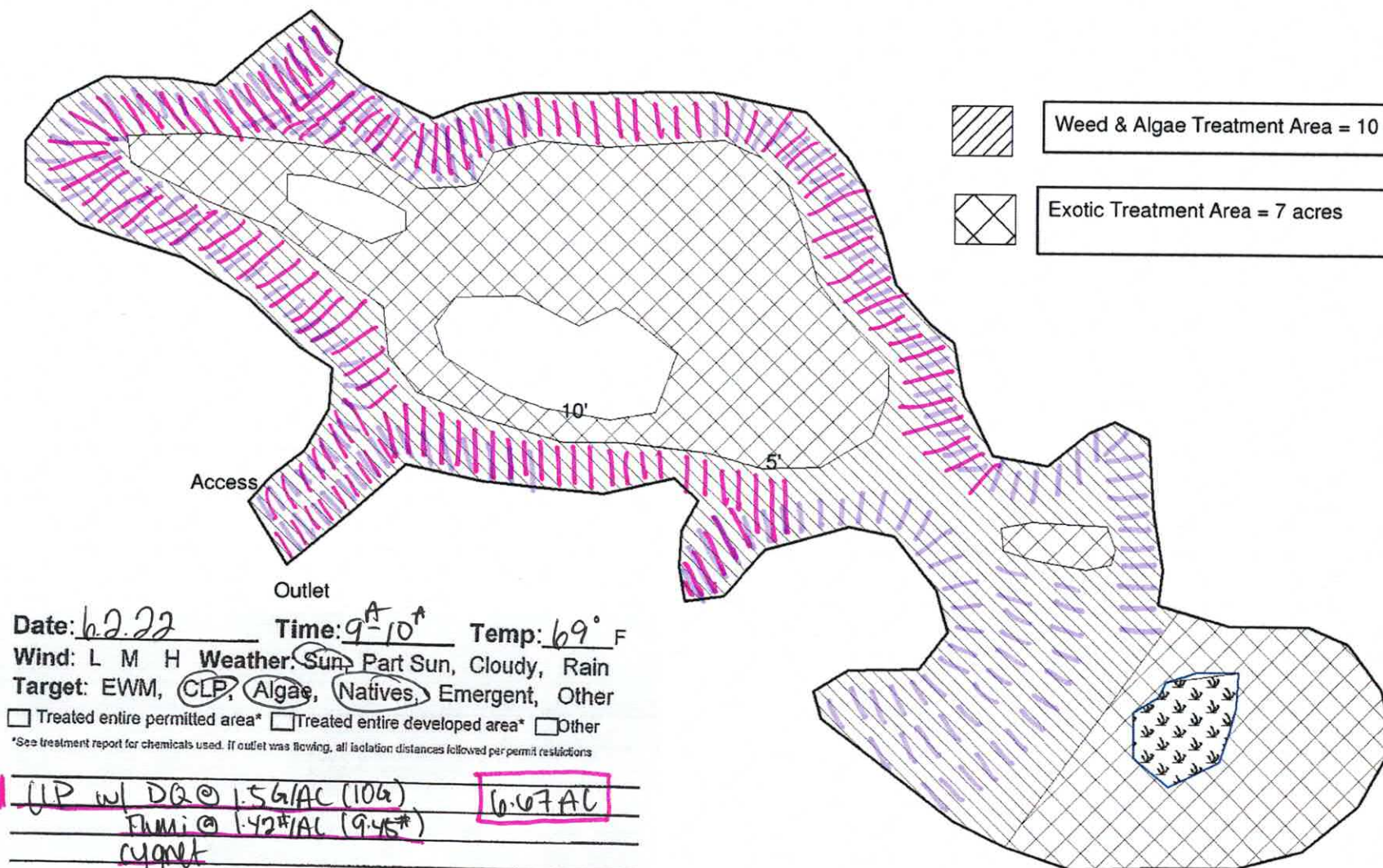
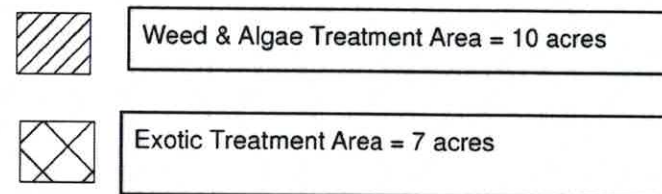
Filamentous Algae w/ CuSO₄ @ 5.8#/AC
Section 6 @ 2.67#/AC

8.62 Acres



0 200 400 Feet

Upper Miramichi Lake
19 Surface Acres
Osceola County
Evert Township
T16N R8W Sec 3,4



Date: 6.2.22 Time: 9^A-10^A Temp: 69° F
Wind: L M H Weather: Sun, Part Sun, Cloudy, Rain
Target: EWM, CLP, Algae, Natives, Emergent, Other
☐ Treated entire permitted area* ☐ Treated entire developed area* ☐ Other

*See treatment report for chemicals used. If outlet was flowing, all isolation distances followed per permit restrictions

1.56/AL (106) 6.67 AL
FLM @ 1.42#/AL (9.45#)
cygnus
PA @ 5.8#/AL (50#) 8.62 AL
Sediment @ 2.6#/AL (23#)

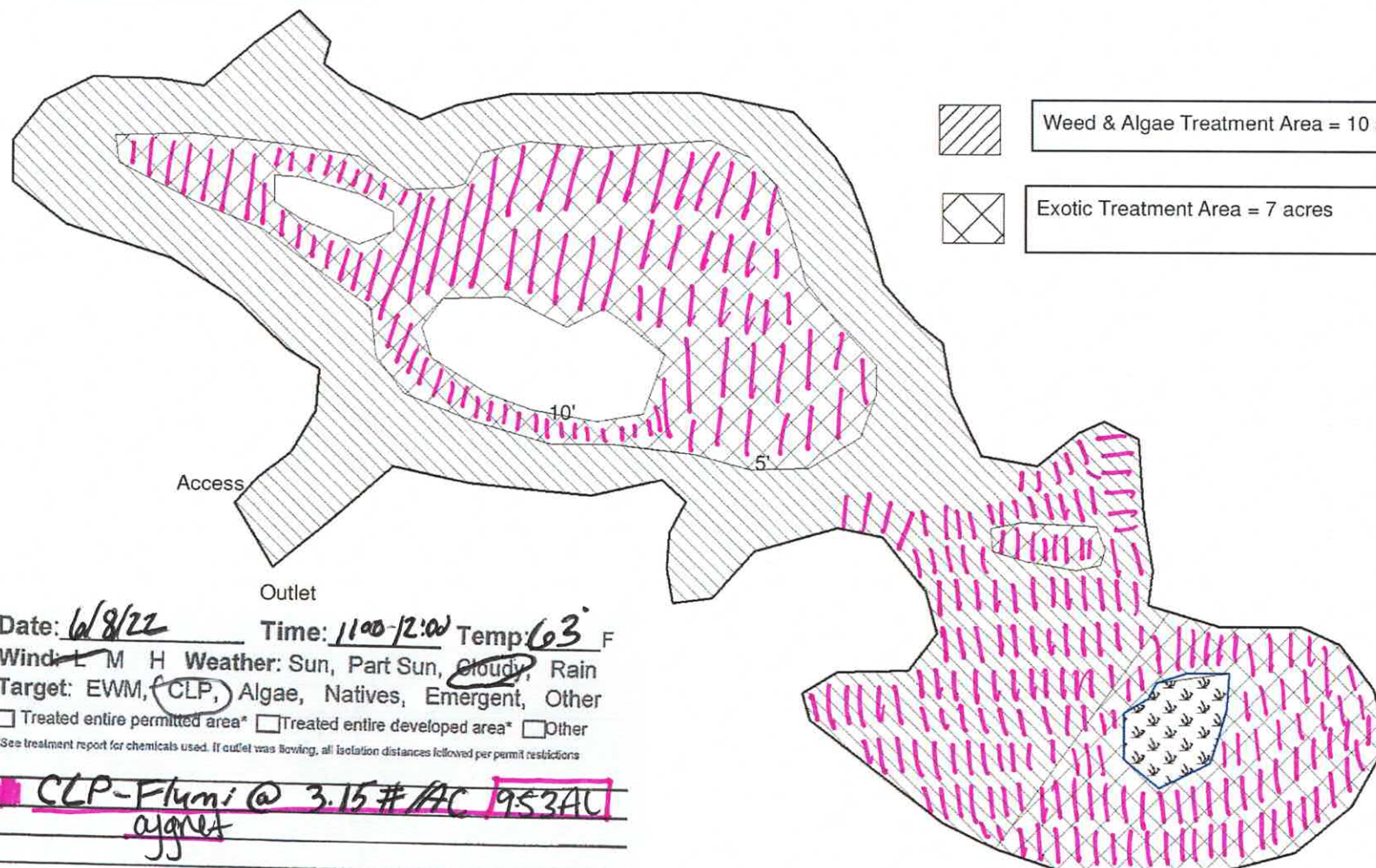
Upper Miramichi Lake

19 Surface Acres

Osceola County

Evart Township

T16N R8W Sec 3,4



Date: 6/8/22 Time: 11:00-12:00 Temp: 63° F

Wind: L M H Weather: Sun, Part Sun, Cloudy, Rain

Target: EWM, CLP, Algae, Natives, Emergent, Other

☐ Treated entire permitted area* ☐ Treated entire developed area* ☐ Other

*See treatment report for chemicals used. If outlet was flowing, all isolation distances followed per permit restrictions

CLP-Flumi @ 3.15 #/AC 953AC
algae

0 200 400 Feet

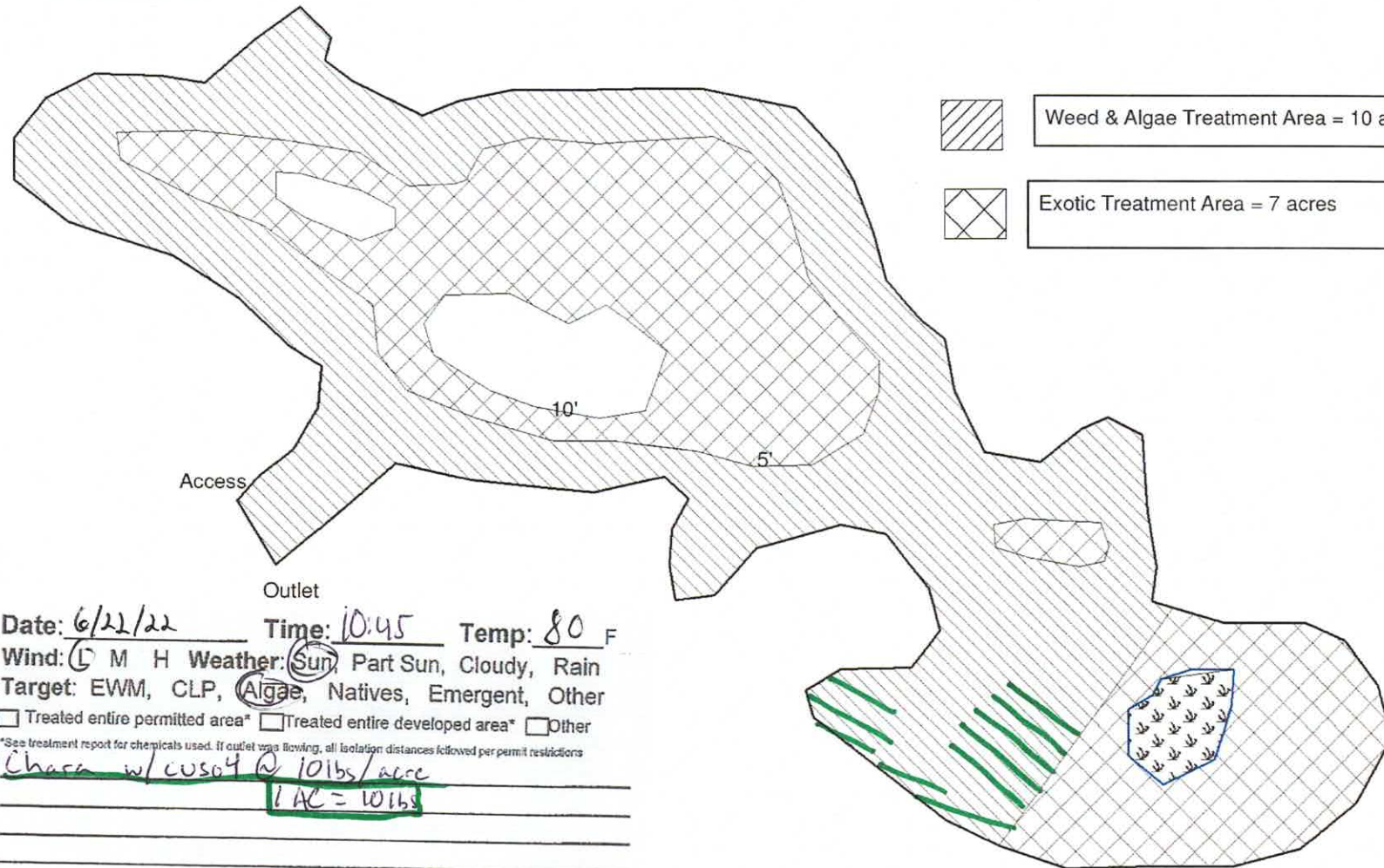
Upper Miramichi Lake

19 Surface Acres

Osceola County

Evart Township

T16N R8W Sec 3,4



Date: 6/22/22 Time: 10:45 Temp: 80 F

Wind: C M H Weather: Sun, Part Sun, Cloudy, Rain

Target: EWM, CLP, Algae, Natives, Emergent, Other

☐ Treated entire permitted area* ☐ Treated entire developed area* ☐ Other

*See treatment report for chemicals used. If outlet was flowing, all isolation distances followed per permit restrictions

1 Chas w/ CUSO4 @ 10lbs/acre
1 AC = 10lbs

0 200 400 Feet

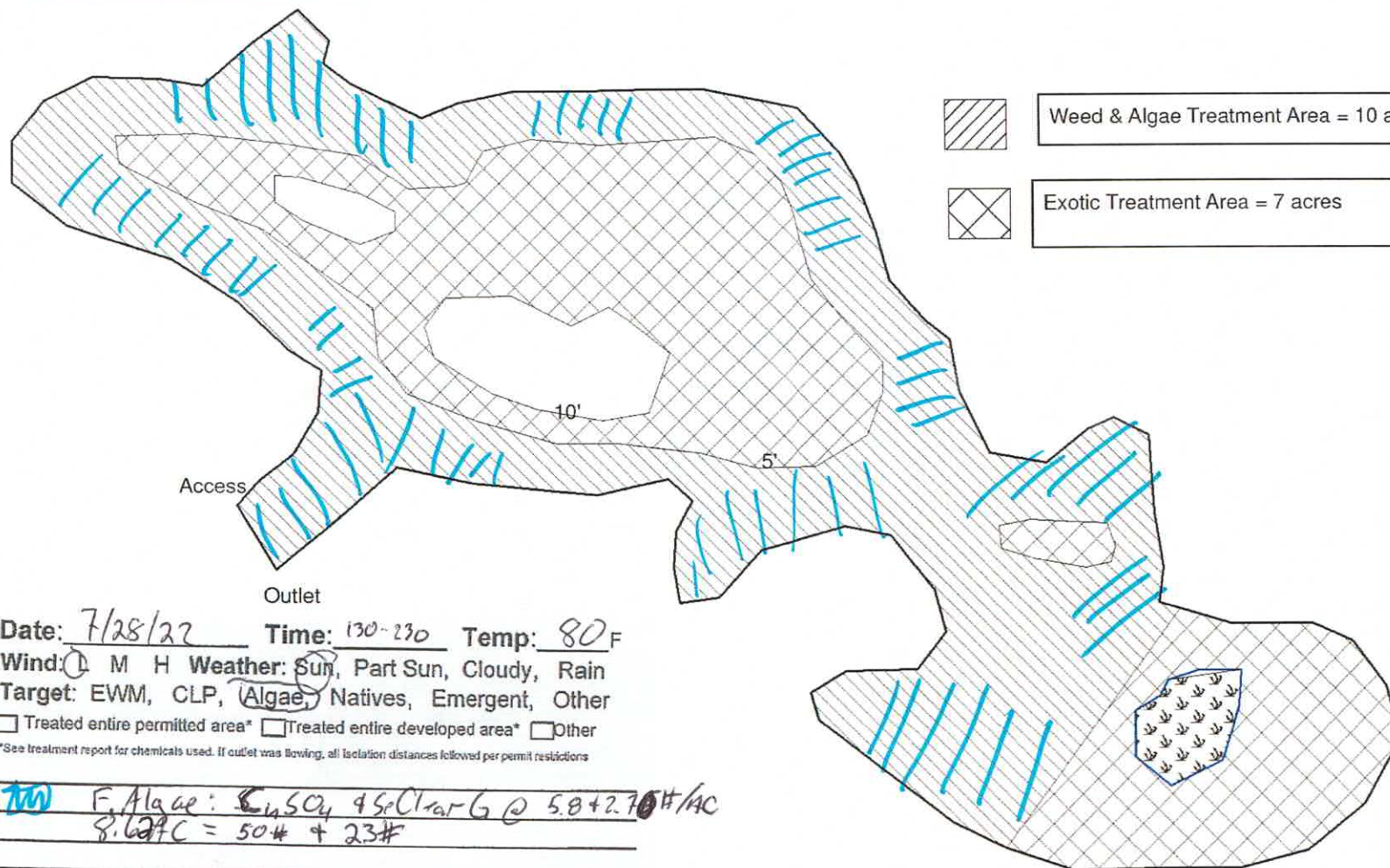
Upper Miramichi Lake

19 Surface Acres

Osceola County

Evart Township

T16N R8W Sec 3,4



Date: 7/28/22 Time: 130-230 Temp: 80°F

Wind: L M H Weather: Sun, Part Sun, Cloudy, Rain

Target: EWM, CLP, Algae, Natives, Emergent, Other

☐ Treated entire permitted area* ☐ Treated entire developed area* ☐ Other

*See treatment report for chemicals used. If outlet was flowing, all isolation distances followed per permit restrictions

7M F. Algae: 50# 45# Clear G @ 5.8+2.7# / AC
8.62# C = 50# + 23#



0 200 400 Feet