



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER RESOURCES DIVISION

**CHEMICAL TABLE TEMPLATE FOR TREATMENT OF
NUISANCE AQUATIC PLANT AND/OR ALGAE GROWTH, OR SWIMMER'S ITCH**

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 the DEQ.

Permittee Information	
Permit Number: ANC9802192	
Permittee Name: PLM Lake and Land Management	
Body of Water Treated: WB-3739-1 Portage Lake	County: Houghton

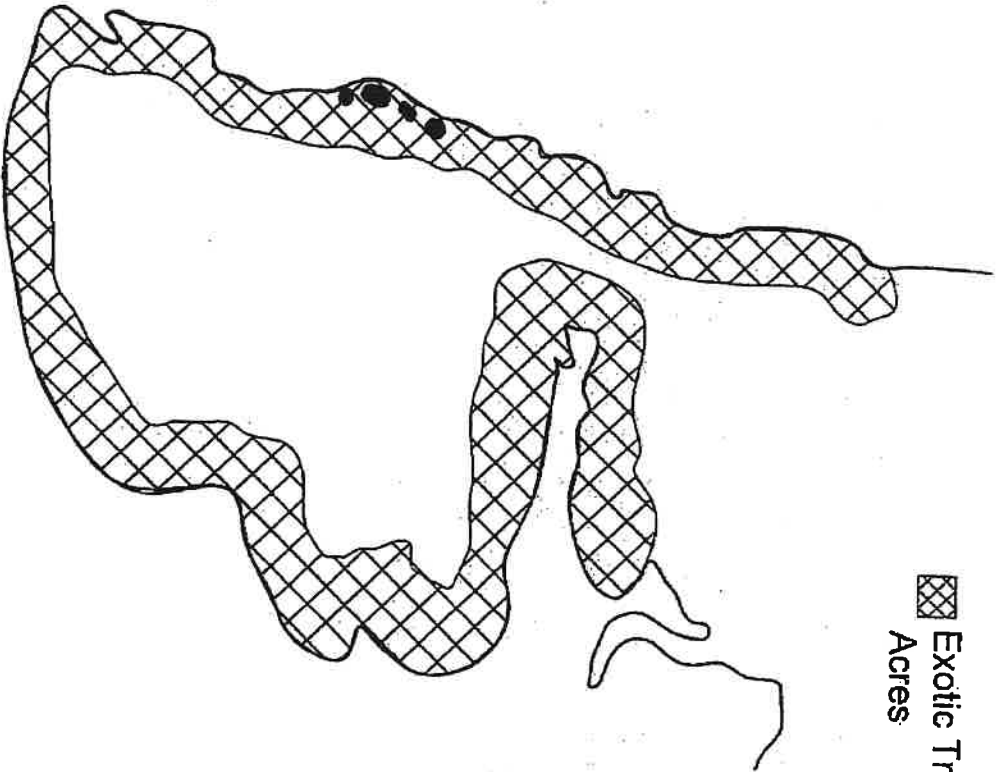
Fill in a separate table for each treatment date.

Please note that the assessment of the effectiveness is only required for the treatment report form.

Date of treatment (one date per table): 6/14/2016		Name of person applying chemical: Jason Broekstra		Name of Company: 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%) <input type="checkbox"/>					
CHEMICAL USED	METHOD OF APPLICATION	RATE OF APPLICATION (ex. 100 lbs/acre, 2.6 lbs/acre - foot)	ACTUAL TREATMENT AREA SIZE (acres)	TOTAL AMOUNT (ex. 4 gallons, 10 lbs.)	FOR CONTROL OF: (Plant and/or Algae names)
Chemical Brand: Renovate OTF EPA Reg #: 67690-42	Surface Application/injection	60 lbs/acre ft 4.5 foot depth	1.19 acre	320 lbs	EWM

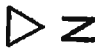
Date of treatment (one date per table): 6/22/2016		Name of person applying chemical: Jason Broekstra		Name of Company: PLM Lake and Land Management	
Effectiveness: <input checked="" type="checkbox"/> Good (70-100%) <input type="checkbox"/> Fair (50-69%) <input type="checkbox"/> Poor (Less than 50%) <input type="checkbox"/> Ineffective (0%) <input type="checkbox"/>					
CHEMICAL USED	METHOD OF APPLICATION	RATE OF APPLICATION (ex. 100 lbs/acre, 2.6 lbs/acre - foot)	ACTUAL TREATMENT AREA SIZE (acres)	TOTAL AMOUNT (ex. 4 gallons, 10 lbs.)	FOR CONTROL OF: (Plant and/or Algae names)
Chemical Brand: Cygnet Plus EPA Reg #: NoEPA3	Surface Application/injection	.125gals/acre ft	40acres	15 gal	Adjuvant
Chemical Brand: Renovate 3 EPA Reg #: 62719-37-67690	Surface Application/injection	1.1 gal/acre foot 5 foot depth	20 acre	110 gals	EWM / HWM
Chemical Brand: Renovate 3 EPA Reg #: 62719-37-67690	Surface Application/injection	1.29 gal/acre foot 5.5 foot depth	17 acre	120gals	EWM / HWM
Chemical Brand: Renovate OTF EPA Reg #: 67690-42	Surface Application/injection	13.34lbs/acre ft	20 acre	800lbs	EWM / HWM
Chemical Brand: Sculpin G EPA Reg #: 67690-49	Surface Application/injection	64 lbs/acre ft 5 foot depth	4.5 acre	1440 lbs	EWM / HWM
Chemical Brand: Tribune EPA Reg #: 100-1390	Surface Application/injection	1gal/acre .667gals/acre	3acres 3acres	5gals	EWM / HWM

☒ Exotic Treatment Area = 307 Acres



Date: 6-14-16 Time: 12:12:50 Temp: 55°F
 Wind: M H Weather: Sun, Part Sun, Cloudy Rain
 Target: EMM CLP, Algae, Natives, Emergent, Other
 Treated entire (unfilled) area Treated entire developed area Other
Treatment is for the duration of the project. Please do not allow the treated area to be used for any other purpose.

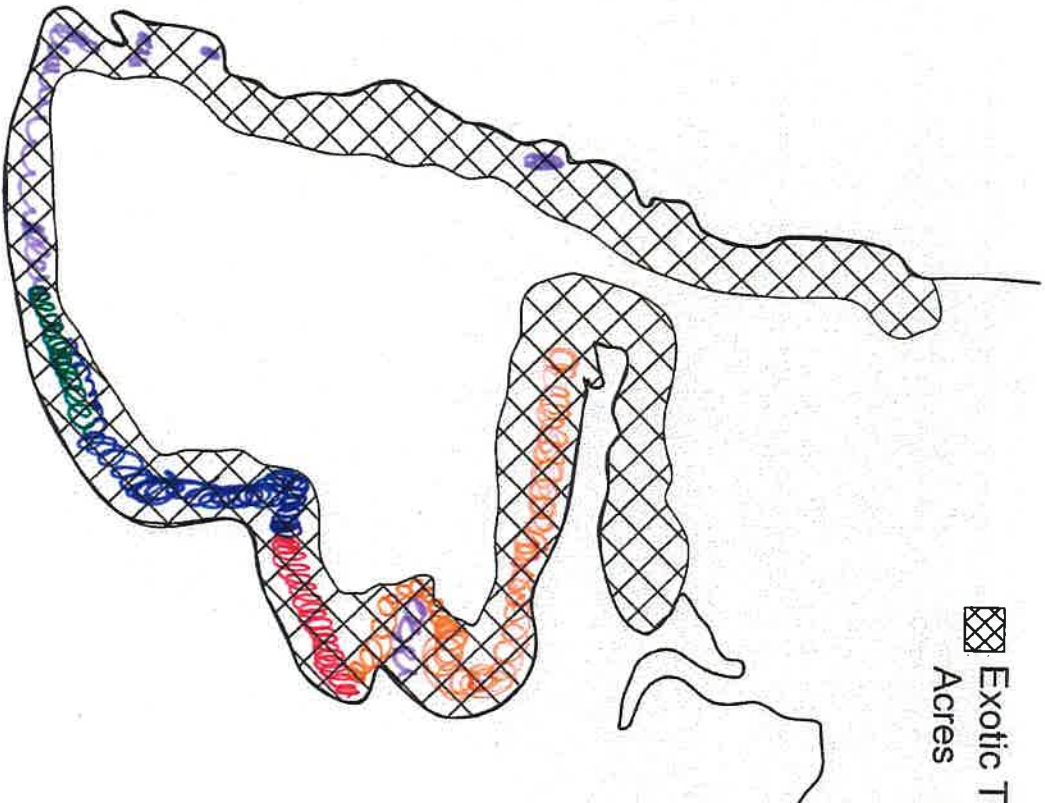
14.1501 - Remnant OTE
 3200H = 1.19 Ac



4 Miles

PIKE BAY
~450 Surface Acres (as shown)
Houghton County
Chassell Township
Profession's Land Management P.O. Box 132 Chassell, MI 49716 Phone: (609) 353-4341

☒ Exotic Treatment Area = 307 Acres *HWM*



Date: *6-22-16* Time: *7-12* Temp: *60°* F
 Wind: *E M* H Weather: *Sun, Part Sun, Cloudy, Rain*
 Target: EWM CLP, Algae, Natives, Emergent, Other
 Treated entire permitted area Treated entire developed area Other

*This treatment report for experience used, if any, was based on site-level observations. Approved per permit restrictions.

Final 1/2 Lake Survey 6/25/16 14445
~300/11/16
 = milfoil w/ oTE / Tribune - 3 Acres
 o 140/1/16 / 19/1/16 = 120/1/39
 = milfoil with Ren 3 / Tribune ~ 3 Acres
 (500/1/16) 5/5/1/16 / 1/10/1/16 = 10/59/29
 = milfoil using Renote / Ren 5 ~ 13 Acres
 (500/1/16) o 40/1/16 / 5/5/1/16 / 6/10/1/16
 = milfoil with Ren 3 & 19 Acres
 o ~ 79/1/16 65 (200/1/16) 1209
 with cyprnet

N
 ▽

4 Miles

PIKE BAY
~450 Surface Acres (as shown)
Houghton County
Chassell Township

Professional Lake Management, P.O. Box 132, Caledonia, MI 49316 phone (600) 382-4434