



JOINT PERMIT FOR USE OF AN ALGICIDE, HERBICIDE OR FISH CONTROL CHEMICAL IN WATERS OF THE COMMONWEALTH

PERMIT NO.: 0820802

In compliance with the provisions of Pennsylvania's Clean Streams Law, as amended, 35 P.S. §§ 691.1 *et seq.*, the regulations at 25 Pa. Code § 91.38, and the Fish and Boat Code, 30 Pa. C.S. § 2504(a)(1),

**Mountain Lake Association
2321 Aspen Way
Harrisburg, PA 17110-9686**

is authorized to use the algicide(s), herbicide(s) or fish control chemical(s) ("pesticides") specified below, in accordance with the conditions and requirements set forth herein.

**THIS PERMIT SHALL BECOME EFFECTIVE ON AUGUST 5, 2020
THIS PERMIT SHALL EXPIRE ON AUGUST 4, 2023**

Municipality:	<u>Burlington Township</u>	County:	<u>Bradford</u>
Water Body:	<u>Mountain Lake</u>	Total Area:	<u>40.25</u> acres
Receiving Stream:	<u>Unnamed Tributary to Sugar Creek (WWF)</u>	Avg Depth:	<u>6</u> feet

TREATMENT INFORMATION					
Chemical	Maximum Dose	Treatment Area	Treatment Depth	Amount Each Treatment	No. Annual Treatments
Reward	2 Gal/SA	20 Acres	6	40 Gal	1
Aquathol K	1.3 Gal/AF	10 Acres	6	78 Gal	2
Citrine Plus (Contains Copper)	Dosage may not exceed Standard Conditions 5 & 6	Not to exceed ½ waterbody per application	Full depth	Application rate may not exceed Standard Conditions 5 & 6	Delay consecutive treatments per Manufacturer recommendations
Alligare Glyphosate 5.4	1 Gal/SA	5 Acres	6	5 Gal	2
Harpoon Granular (Contains Copper)	Dosage may not exceed Standard Conditions 5 & 6	Not to exceed ½ waterbody per application	Full depth	Application rate may not exceed Standard Conditions 5 & 6	Delay consecutive treatments per Manufacturer recommendations

THIS PERMIT IS ISSUED UNDER THE FOLLOWING CONDITIONS:

1. The permittee shall use pesticides strictly as described by the product label. Chemical applications shall be performed in accordance with the manufacturer's label directions, existing pesticide use laws, and any conditions imposed by local or state agencies.
2. The permittee may treat a standing body of water (i.e., pond, lake, reservoir, etc.) only when there is minimal or no outflow occurring or expected.
3. The permittee shall not treat Fish and Boat Commission approved stocked trout waters between March 1 and June 15.

4. The permittee shall not treat bass waters during the first week of the Commonwealth inland waters harvest season for bass (the first Saturday after June 11 through the following Saturday).
5. If copper sulfate will be used, the permittee shall not apply copper sulfate at a dose exceeding 0.5 mg/L Cu²⁺ or 1.36 lbs CuSO₄/acre-foot where the total hardness of the water body is less than 50 mg/L CaCO₃. Where total hardness exceeds 50 mg/L CaCO₃, the permittee shall not exceed a dose of 1.0 mg/L Cu²⁺ or 2.27 lbs CuSO₄/acre-foot.
6. The permittee shall not treat water bodies containing stocked or wild trout with copper in excess of 0.1 mg/L Cu²⁺.
7. The permittee shall treat water bodies containing very high plant densities separately, in sections, to prevent suffocation of fish. Monitoring of dissolved oxygen is recommended under these conditions.
8. The permittee is responsible for all damages to aquatic life and human health resulting from treatment.
9. Failure of the permittee or agents acting on behalf of the permittee to follow the approved specifications, conditions and requirements immediately renders this permit null and void.
10. If applicable, treatments must also comply with the terms and conditions of NPDES permit coverage.
11. The permittee shall comply with pesticide licensing requirements established by the Pennsylvania Department of Agriculture for the applications approved under this permit.
12. This permit is valid for the treatment information identified above. The permittee shall submit a new application to amend this permit if any of the following changes are proposed:
 - a. Changes to the water bodies being treated.
 - b. Increases in the maximum dose or to the number of annual treatments for any water body.
 - c. Changes in the pesticide(s) used for treatment, unless the new pesticide(s) contain the same active ingredient(s) and the same or lower percent composition of the ingredient in comparison to the pesticide(s) previously approved by DEP/PFBC.

APPROVALS		
For the Pennsylvania Fish and Boat Commission:		
<i>Heather Smiles</i>	Division Chief	08/04/2020
Heather Smiles	Title	Date
Additional Requirements: None		
For the Department of Environmental Protection:		
<i>Thomas M. Randis</i>	Environmental Program Manager	08/04/2020
Thomas M. Randis	Title	Date
Additional Requirements:	<ol style="list-style-type: none"> 1. The Treatment Areas cited herein represent maximum allowable treatment areas per application. Applicators shall reduce maximum treatment areas consistent with manufacturer's literature to prevent oxygen depletion conditions harmful to aquatic organisms. Where appropriate, application shall occur in a lane pattern with buffer strips. 2. Any evidence of a fish kill shall be immediately reported to the DEP Regional Office issuing this authorization. 3. Any proposal to exceed allowable copper sulfate dosages as noted in permit conditions 5 and/or 6 will require written permission from PFBC prior to treatment. 4. Due to the suspected unauthorized use of Mountain Lake for drinking water, public notification is required at least 24 hours in advance of treatment. 5. Use of potable water intakes shall not occur for at least three days following Reward treatment. 	

6. For Aquathol K applications, the drinking water setback distance from functioning potable water intakes in the treated water body must be greater than or equal to 600 feet.
7. For applications of Cutrine Plus or Harpoon Granluar in waters destined for use as drinking water, those waters must receive additional and separate potable water treatment. Do not apply more than 1.0 ppm as metallic copper in these waters.
8. Do not apply Aligare Glyphosate within one half mile of an active potable water intake.