



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

**PERMIT NO.: 2019816A-1**

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),

**Nancy Armstrong**  
9139 Armstrong Road  
Guy Mills, PA 16327

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**

**March 29, 2021**

<b>Municipality:</b>	<u>Randolph Township</u>	<b>County:</b>	<u>Crawford</u>
<b>Water Body:</b>	<u>Armstrong Pond</u>	<b>Total Area:</b>	<u>1.6</u> acres
<b>Receiving Stream:</b>	<u>Unnamed Tributary 51869 to West Branch Sugar Creek</u>	<b>Avg Depth:</b>	<u>6.2</u> feet

TREATMENT INFORMATION					
Chemical	Maximum Dose	Treatment Area	Treatment Depth	Amount Each Treatment	No. Annual Treatments
Citrine Plus	1.0 gallons/AF	1.6 acres	6.2 feet	9.92 gallons	10
Aquathol K	1.0 gallons/AF	1.6 acres	6.2 feet	9.92 gallons	5
Tribune	3.0 gallons/SA	1.6 acres	6.2 feet	4.80 gallons	7
Clipper SC	0.96 gallons/SA	1.6 acres	6.2 feet	1.54 gallons	5
MuckBiotics	25 lbs./SA	1.6 acres	6.2 feet	40.0 lbs.	5
Cinco	0.5 gallons/SA	0.5 acres	6.2 feet	0.25 gallons	3

**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 Cu<sup>2+</sup> or 1.36 lbs CuSO<sub>4</sub>/acre-foot where the total hardness of the water body is less than 50 mg/L CaCO<sub>3</sub>. Where total hardness exceeds 50 mg/L CaCO<sub>3</sub>, the permittee shall not exceed a dose of 1.0 mg/L Cu<sup>2+</sup> or 2.72 lbs CuSO<sub>4</sub>/acre-foot.
6. The permittee shall not treat water bodies containing stocked or wild trout with copper in excess of 0.1 mg/L Cu<sup>2+</sup>.

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.

<b>APPROVALS</b>		
<b>For the Pennsylvania Fish and Boat Commission:</b>		
<i>Heather Smiles</i>	Division Chief	03/29/2021
Heather Smiles	Title	Date
<b>Additional Requirements:</b> No additional requirements.		
<b>For the Department of Environmental Protection:</b>		
Eric Kicher	Acting Environmental Program Manager	03/29/2021
Eric Kicher	Title	Date
<b>Additional Requirements:</b>		
1.) For the calendar year of 2021, the Permittee must submit monthly treatment records using the form provided in the permit ("Monthly Treatment Reporting Form"). The completed Monthly Treatment Reporting Form shall be received by the Department by the 15 <sup>th</sup> of the month following treatment. For example, the June 2021 Monthly Treatment Reporting Form shall be provided to the Department by July 15, 2021. The Permittee is not required to submit a Monthly Treatment Reporting Form for months where treatment did not occur. These Monthly Treatment Reporting Forms can be emailed to Jay Gerber at <a href="mailto:jaygerber@pa.gov">jaygerber@pa.gov</a> or mailed to DEP – Northwest Regional Office c/o Jay Gerber, 230 Chestnut Street, Meadville, PA 16335. Monthly Treatment Reporting Forms can be sent to the Department by the Permittee or their consultant.		

<b>Monthly Treatment Reporting Form</b>					
<b>Name of Pond</b>	<b>Date</b>	<b>Pesticide</b>	<b>Treatment Organism(s)</b>	<b>Acreage Treated</b>	<b>Gallons/lbs. Used</b>