



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

PERMIT NO.: 5813801

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),

**Lewis Lake Association
PO Box 6
Union Dale, PA 18470-0006**

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 15, 2023
THIS PERMIT SHALL EXPIRE AT MIDNIGHT ON MARCH 14, 2028**

Municipality: Herrick Township **County:** Susquehanna
Water Body: Lewis Lake **Total Area:** 46 acres
Receiving Stream: Fiddle Lake Creek **Avg Depth:** 10 feet

TREATMENT INFORMATION					
Chemical	Maximum Dose	Treatment Area	Treatment Depth	Amount Each Treatment	No. Annual Treatments
Reward	2 gallons/acre	20 acres	5 feet	40 gallons	2
Clipper	1.1 lbs./acre-foot	20 acres	5 feet	110 lbs.	2
Copper Sulfate	1.36 lbs./acre-foot	23 acres	5 feet	156 lbs.	5
Aquathol-K	0.8 gallon/acre-foot	20 acres	5 feet	80 gallons	2
Glyphosate 5.4	0.75 gallon/acre	5 acres	5 feet	3.75 gallons	2
Sonar A.S.	0.06 gallon/acre-foot	46 acres	10 feet	27.6 gallons	1
Triclopyr 3A	2 gallons/acre-foot	20 acres	5 feet	200 gallons	1
Weedar 64	2 gallons/acre-foot	20 acres	5 feet	200 gallons	1

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 2.72 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	03/15/2023
Heather Smiles	Title	Date
Additional Requirements: None		
For the Department of Environmental Protection:		
<i>Amy M. Bellanca</i>	Environmental Program Manager	03/28/2023
Amy M. Bellanca, P.E.	Title	Date
Additional Requirements: The permittee or their consultant must directly notify – no voicemails – Pennsylvania American Water the day of the treatment on Lewis Lake. The attached email dated 01/03/2023 contains the contact information for the Pennsylvania American Water employees.		

From: kevin@aeclakes.com <kevin@aeclakes.com>
Sent: Tuesday, January 3, 2023 12:58 PM
To: Kasulaitis, Joseph <jkasulaiti@pa.gov>
Subject: [External] Lewis Lake Permit

Good Morning Kevin,

Upon review Pennsylvania American Water will give the approval with one agreement – When the applications of the product to Lewis Lake occur by your company, Pennsylvania American Water would like to be directly notified – no voicemails – the day of treatment on Lewis Lake.

One of the following individuals must be directly contacted so we can further communicate to our team:

Jeremy Eden – Sr Manager of Production – 570-351-2468
Emery Yurko – Supervisor Water Quality and Environmental Compliance – 570-237-7374
Dave Bertram – Production Supervisor – 570-780-5534
Kristi English – Source Water Protection State Lead- 717-601-8885
Charles Motley – Manager Water Quality and Environmental Compliance – 570-575-2072

Pennsylvania American Water Team:

Kevin will be the contact information for the application of the product.

Kevin Laite
Aquatic Environment Consultants, Inc.
P.O. Box 307
Scotland, PA 17254
Office: 717-264-9778
kevin@aeclakes.com

Thank you,
Kristi

Kristi A. English
Source Water Protection State Lead – East
Pennsylvania American Water
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