



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
FISH AND BOAT COMMISSION



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

PERMIT NO.: 6525807

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),

**Crawford Richard
1309 S Valley Drive
Export, PA 15632-8975**

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 JULY 22, 2025

Municipality:	Fairfield Township	County:	Westmoreland
Water Body:	Lily Pond	Total Area:	0.03 acres
Receiving Stream:	UNT to Coalpit Run (HQ-CWF)	Avg Depth:	2.4 feet

TREATMENT INFORMATION					
Chemical	Maximum Dose	Treatment Area	Treatment Depth	Amount Each Treatment	No. Annual Treatments
<u>Citrine Plus</u> Manufacturer: <u>App. Biochemists.</u> EPA Reg. # <u>8959-10</u>	1.0 gal/AF	0.03 acres	2.4 feet	0.07 gal	10
<u>Aquathol-K</u> Manufacturer: <u>UPL</u> EPA Reg # <u>70506-176</u>	1.5 gal/AF	0.03 acres	2.4 feet	0.108 gal	5
<u>Tribune</u> Manufacturer: <u>Syngenta</u> EPA Reg # <u>100-1390</u>	1.0 gal/SA	0.03 acres	1.0 feet	0.03 gal	5
<u>Clipper SC</u> Manufacturer: <u>Nufamr</u> EPA Reg # <u>71368-114</u>	12 fl oz/SA	0.03 acres	1.0 feet	0.36 oz	6
<u>SeClear G</u> Manufacturer: <u>SePro</u> EPA Reg # <u>67690-72</u>	15 lb/AF	0.02 acres	2.4 feet	0.72 lb.	10
<u>Cinco</u> Manufacturer: <u>Loveland</u> EPA Reg # 34704-929	0.5 gal/SA	0.03 acres	1.0 feet	0.015 gal	3

<u>GreenCleanPro</u> Manufacturer: <u>BioSAfe Systems</u> EPA Reg # <u>70299-15</u>	50 lb/SA	0.03 acres	1.0 feet	1.5 lb.	10
<u>MuckBiotics</u> Manufacturer: <u>Naturalake</u> EPA Reg # NA	50 lb/SA	0.03 acres	1.0 feet	1.5 lb.	5
<u>Eutro Sorb WC</u> Manufacturer: <u>SePro</u> EPA Reg # NA	10 PDU/AF	0.03 acres	2.4 feet	0.7 PDU	3
<u>Sonar One</u> Manufacturer: <u>SePro</u> EPA Reg # 67690-45	6 lb./SA	0.03 acres	1.0 feet	0.18 lb.	2

Municipality:	<u>Fairfield Township</u>	County:	<u>Westmoreland</u>
Water Body:	<u>Lower Pond</u>	Total Area:	<u>2.69</u> acres
Receiving Stream:	<u>UNT to Coalpit Run (HQ-CWF)</u>	Avg Depth:	<u>9.3</u> feet

TREATMENT INFORMATION					
Chemical	Maximum Dose	Treatment Area	Treatment Depth	Amount Each Treatment	No. Annual Treatments
<u>Citrine Plus</u> Manufacturer: <u>App. Biochemists.</u> EPA Reg. # <u>8959-10</u>	1.0 gal/AF	2.69 acres	9.3 feet	25.0 gal	10
<u>Aquathol-K</u> Manufacturer: <u>UPL</u> EPA Reg # <u>70506-176</u>	1.5 gal/AF	2.69 acres	9.3 feet	37.5 gal	5
<u>Tribune</u> Manufacturer: <u>Syngenta</u> EPA Reg # <u>100-1390</u>	2.0 gal/SA	2.69 acres	1.0 feet	5.38 gal	5
<u>Clipper SC</u> Manufacturer: <u>Nufamr</u> EPA Reg # <u>71368-114</u>	12 fl oz/SA	2.69 acres	1.0 feet	32.28 oz	6
<u>SeClear G</u> Manufacturer: <u>SePro</u> EPA Reg # <u>67690-72</u>	15 lb/AF	1.35 acres	9.3 feet	188.0 lb.	10
<u>Cinco</u> Manufacturer: <u>Loveland</u> EPA Reg # 34704-929	0.5 gal/SA	0.5 acres	1.0 feet	0.25 gal	3
<u>GreenCleanPro</u> Manufacturer: <u>BioSAfe Systems</u> EPA Reg # <u>70299-15</u>	50 lb/SA	2.69 acres	1.0 feet	134.5 lb.	10
<u>MuckBiotics</u> Manufacturer: <u>Naturalake</u> EPA Reg # NA	25 lb/SA	2.69 acres	1.0 feet	67.0 lb.	5
<u>Eutro Sorb WC</u> Manufacturer: <u>SePro</u> EPA Reg # NA	10 PDU/AF	2.69 acres	9.3 feet	250.0 PDU	3
<u>Sonar One</u> Manufacturer: <u>SePro</u> EPA Reg # 67690-45	23.25 lb./SA	2.69 acres	1.0 feet	62.5 lb.	2
<u>Seclear</u> Manufacturer: <u>SePro</u> EPA Reg # 67690-55	3 gal/AF	2.69 acres	9.3 feet	75.0 gal	10

Municipality: Fairfield Township
Water Body: Upper Pond
Receiving Stream: UNT to Coalpit Run (HQ-CWF)

County: Westmoreland
Total Area: 0.76 acres
Avg Depth: 5.34 feet

TREATMENT INFORMATION					
Chemical	Maximum Dose	Treatment Area	Treatment Depth	Amount Each Treatment	No. Annual Treatments
<u>Citrine Plus</u> Manufacturer: <u>App. Biochemists.</u> EPA Reg. # <u>8959-10</u>	1.0 gal/AF	0.76 acres	5.34 feet	4.0 gal	10
<u>Aquathol-K</u> Manufacturer: <u>UPL</u> EPA Reg # <u>70506-176</u>	1.5 gal/AF	0.76 acres	5.34 feet	6.0 gal	5
<u>Tribune</u> Manufacturer: <u>Syngenta</u> EPA Reg # <u>100-1390</u>	1.0 gal/SA	0.76 acres	1.0 feet	0.76 gal	5
<u>Clipper SC</u> Manufacturer: <u>Nufamr</u> EPA Reg # <u>71368-114</u>	12 fl oz/SA	0.76 acres	1.0 feet	9.12 oz	6
<u>SeClear G</u> Manufacturer: <u>SePro</u> EPA Reg # <u>67690-72</u>	15 lb/AF	0.38 acres	5.34 feet	30.4 lb.	10
<u>Cinco</u> Manufacturer: <u>Loveland</u> EPA Reg # 34704-929	0.5 gal/SA	0.2 acres	1.0 feet	0.1 gal	3
<u>GreenCleanPro</u> Manufacturer: <u>BioSafe Systems</u> EPA Reg # <u>70299-15</u>	50 lb/SA	0.76 acres	1.0 feet	38.0 lb.	10
<u>MuckBiotics</u> Manufacturer: <u>Naturalake</u> EPA Reg # NA	25 lb/SA	0.76 acres	1.0 feet	19.0 lb.	5
<u>Eutro Sorb WC</u> Manufacturer: <u>SePro</u> EPA Reg # NA	10 PDU/AF	0.76 acres	5.34 feet	40.0 PDU	3
<u>Sonar One</u> Manufacturer: <u>SePro</u> EPA Reg # 67690-45	13.35 lb./SA	0.76 acres	1.0 feet	10.14 lb.	2

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 February 15 and June 1.
4. The permittee shall not treat bass waters during the first week of the Commonwealth inland waters harvest season for bass (the second Saturday in June 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^{2+} or 1.36 lbs CuSO_4 /acre-foot where the total hardness of the water body is less than 50 mg/L CaCO_3 . Where total hardness exceeds 50 mg/L CaCO_3 , the permittee shall not exceed a dose of 1.0 mg/L Cu^{2+} or 2.72 lbs CuSO_4 /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^{2+} .
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:		
	Division Chief	07/22/2025
Heather A. Gahagan	Title	Date
Additional Requirements:	None	
For the Department of Environmental Protection:		
	Environmental Program Manager	07/22/2025
Christopher Kriley, P.E.	Title	Date
Additional Requirements:	None	