



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

**PERMIT NO.: 1520810 A-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),

**Mumma Kristina  
128 Trinley Street  
Pottstown, PA 19465-7740**

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 JUNE 1, 2023**

**THIS PERMIT SHALL EXPIRE AT MIDNIGHT ON MAY 31, 2027**

**Municipality:** South Coventry Township      **County:** Chester  
**Water Body:** Bucktown Pond      **Total Area:** 0.42 acres  
**Receiving Stream:** UNT French Creek      **Avg Depth:** 3 feet

TREATMENT INFORMATION					
Chemical	Maximum Dose	Treatment Area	Treatment Depth	Amount Each Treatment	No. Annual Treatments
Sonar ONE	19.4 lb/acre	0.42 Acres	3 Feet	8.1 gal	1
Citrine Plus Granular	60 lb/acre	0.21 Acres	3 Feet	12.6 Lbs	8
Weedtrine D	10 gal/acre	0.42 Acres	3 Feet	4.2 gal	3
Clearcast	1 gal/acre	0.42 Acres	3 Feet	0.42 gal	3
Habitat	0.5 gal/ acre	0.21 Acres	3 Feet	0.21 gal	5
Rodeo	0.75 Gal/acre	0.21 Acres	3 Feet	0.236 gal	5
PAK 27	100 lb/acre-ft	0.21 Acres	3 Feet	63 lb	5
Seclear G	18 lb/acre-ft	0.21 Acres	3 Feet	11.34 lbs	5
Fumigard	12 oz/ acre	0.21 Acres	3 Feet	0.02 gal	5

**Water Body:** Hartman Pond      **Total Area:** 0.37 acres  
**Receiving Stream:** UNT French Creek      **Avg Depth:** 3 feet

TREATMENT INFORMATION					
Chemical	Maximum Dose	Treatment Area	Treatment Depth	Amount Each Treatment	No. Annual Treatments

Sonar ONE	19.4 lb/acre	0.37 Acres	3 Feet	7.178 gal	1
Citrine Plus Granular	60 lb/acre	0.19 Acres	3 Feet	11.6 Lbs	8
Weedtrine D	10 gal/acre	0.37 Acres	3 Feet	3.7 gal	3
Clearcast	1 gal/acre	0.37 Acres	3 Feet	0.37 gal	3
Habitat	0.5 gal/ acre	0.19 Acres	3 Feet	0..851 gal	5
Rodeo	0.75 Gal/acre	0.19 Acres	3 Feet	0.2 gal	5
PAK 27	100 lb/acre-ft	0.19 Acres	3 Feet	55.5 lb	5
Seclear G	18 lb/acre-ft	0.19 Acres	3 Feet	9.99 lbs	5
Fumigard	12 oz/ acre	0.19 Acres	3 Feet	0.017 gal	5

**Municipality:** South Coventry Township **County:** Chester  
**Water Body:** Holby & Bucktown Pond **Total Area:** 1.06 acres  
**Receiving Stream:** UNT French Creek **Avg Depth:** 3 feet

TREATMENT INFORMATION					
Chemical	Maximum Dose	Treatment Area	Treatment Depth	Amount Each Treatment	No. Annual Treatments
Sonar ONE	19.4 lb/acre	1.06 Acres	3 Feet	20.5 gal	1
Citrine Plus Granular	60 lb/acre	0.53 Acres	3 Feet	31.8 Lbs	8
Weedtrine D	10 gal/acre	1.06 Acres	3 Feet	10.6 gal	3
Clearcast	1 gal/acre	1.06 Acres	3 Feet	1.06 gal	3
Habitat	0.5 gal/ acre	0.53 Acres	3 Feet	0.53 gal	5
Rodeo	0.75 Gal/acre	0.53 Acres	3 Feet	0.59 gal	5
PAK 27	100 lb/acre-ft	0.53 Acres	3 Feet	159 lb	5
Seclear G	18 lb/acre-ft	0.53 Acres	3 Feet	28.62 lbs	5
Fumigard	12 oz/ acre	0.53 Acres	3 Feet	0.05 gal	5

**Municipality:** South Coventry Township **County:** Chester  
**Water Body:** Lindley Pond **Total Area:** 1.66 acres  
**Receiving Stream:** UNT French Creek **Avg Depth:** 3 feet

TREATMENT INFORMATION					
Chemical	Maximum Dose	Treatment Area	Treatment Depth	Amount Each Treatment	No. Annual Treatments
Sonar ONE	19.4 lb/acre	1.66 Acres	3 Feet	32.2 gal	1
Citrine Plus Granular	60 lb/acre	0.83 Acres	3 Feet	49.8 Lbs	8
Weedtrine D	10 gal/acre	1.66 Acres	3 Feet	16.6 gal	3
Clearcast	1 gal/acre	1.66 Acres	3 Feet	1.66 gal	3

Habitat	0.5 gal/ acre	0.83 Acres	3 Feet	0.83 gal	5
Rodeo	0.75 Gal/acre	0.83 Acres	3 Feet	0.93 gal	5
PAK 27	100 lb/acre-ft	0.83 Acres	3 Feet	249 lb	5
Seclear G	18 lb/acre-ft	0.83 Acres	3 Feet	44.62 lbs	5
Fumigard	12 oz/ acre	0.83 Acres	3 Feet	0.078 gal	5

**Municipality:** South Coventry Township      **County:** Chester  
**Water Body:** Stuaffer Pond      **Total Area:** 0.56 acres  
**Receiving Stream:** UNT French Creek      **Avg Depth:** 4 feet

TREATMENT INFORMATION					
Chemical	Maximum Dose	Treatment Area	Treatment Depth	Amount Each Treatment	No. Annual Treatments
Sonar ONE	19.4 lb/acre	0.56 Acres	4 Feet	10.6 gal	1
Citrine Plus Granular	60 lb/acre	0.28 Acres	4 Feet	16.8 Lbs	8
Weedtrine D	10 gal/acre	0.56 Acres	4 Feet	5.6 gal	3
Clearcast	1 gal/acre	0.56 Acres	4 Feet	0.56 gal	3
Habitat	0.5 gal/ acre	0.28 Acres	4 Feet	0.28 gal	5
Rodeo	0.75 Gal/acre	0.28 Acres	4 Feet	0.42 gal	5
PAK 27	100 lb/acre-ft	0.28 Acres	4 Feet	112 lb	5
Seclear G	18 lb/acre-ft	0.28 Acres	4 Feet	20.16 lbs	5
Fumigard	12 oz/ acre	0.28 Acres	4 Feet	0.026 gal	5

**Municipality:** South Coventry Township      **County:** Chester  
**Water Body:** Trinley & Stuaffer Pond      **Total Area:** 0.61 acres  
**Receiving Stream:** UNT French Creek      **Avg Depth:** 4 feet

TREATMENT INFORMATION					
Chemical	Maximum Dose	Treatment Area	Treatment Depth	Amount Each Treatment	No. Annual Treatments
Sonar ONE	19.4 lb/acre	0.61 Acres	3 Feet	11.6 gal	1
Citrine Plus Granular	60 lb/acre	0.31 Acres	3 Feet	18.3 Lbs	8
Weedtrine D	10 gal/acre	0.61 Acres	3 Feet	6.1 gal	3
Clearcast	1 gal/acre	0.61 Acres	3 Feet	0.61 gal	3
Habitat	0.5 gal/ acre	0.31 Acres	3 Feet	0.305 gal	5
Rodeo	0.75 Gal/acre	0.31 Acres	3 Feet	0.343 gal	5
PAK 27	100 lb/acre-ft	0.31 Acres	3 Feet	91.5 lb	5
Seclear G	18 lb/acre-ft	0.31 Acres	3 Feet	16.47 lbs	5

Fumigard	12 oz/ acre	0.31 Acres	3 Feet	0.029 gal	5
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**Municipality:** South Coventry Township **County:** Chester  
**Water Body:** Trinley Pond **Total Area:** 0.80 acres  
**Receiving Stream:** UNT French Creek **Avg Depth:** 4 feet

TREATMENT INFORMATION					
Chemical	Maximum Dose	Treatment Area	Treatment Depth	Amount Each Treatment	No. Annual Treatments
Sonar ONE	19.4 lb/acre	0.8 Acres	3 Feet	15.52 gal	1
Citrine Plus Granular	60 lb/acre	0.4 Acres	3 Feet	24 Lbs	8
Weedtrine D	10 gal/acre	0.8 Acres	3 Feet	8 gal	3
Clearcast	1 gal/acre	0.4 Acres	3 Feet	0.8 gal	3
Habitat	0.5 gal/ acre	0.4 Acres	3 Feet	0.4 gal	5
Rodeo	0.75 Gal/acre	0.4 Acres	3 Feet	0.45 gal	5
PAK 27	100 lb/acre-ft	0.4 Acres	3 Feet	120 lb	5
Seclear G	18 lb/acre-ft	0.4 Acres	3 Feet	21.6 lbs	5
Fumigard	12 oz/ acre	0.4 Acres	3 Feet	0.038 gal	5

**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 2.27 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.

APPROVALS		
<b>For the Pennsylvania Fish and Boat Commission:</b>		
<i>Heather Smiles</i>	Division Chief	05/25/2023
Heather Smiles	Title	Date
<b>Additional Requirements:</b>		
<b>For the Department of Environmental Protection:</b>		
	Environmental Program Manager	
Thomas L. Magge	Title	Date
<b>Additional Requirements:</b>		