



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

PERMIT NO.: 2624800

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),

**Nemacolin Rod & Range Club
1001 Lafayette Drive
Farmington, PA 15437-9754**

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 APRIL 29, 2024

THIS PERMIT SHALL EXPIRE AT MIDNIGHT ON APRIL 28, 2029

Municipality: Henry Clay Township **County:** Fayette
Water Body: Nemacolin Rod & Range Pond **Total Area:** 0.5 acres
Receiving Stream: Unnamed Tributary to Little Sandy Creek (HQ-CWF) **Avg Depth:** 5.0 feet

TREATMENT INFORMATION					
Chemical	Maximum Dose	Treatment Area	Treatment Depth	Amount Each Treatment	No. Annual Treatments
<u>Clipper</u> Manufacturer: <u>Valent</u> EPA Reg # <u>59639-161</u>	1.1 lb/AF	0.5 acres	5.0 feet	2.75 lb	2
<u>SeClear</u> Manufacturer: <u>SePro</u> EPA Reg # 67690-55	6.0 gal/AF	0.25 acres	5.0 feet	7.5 gal	10
<u>Aquathol-K</u> Manufacturer: <u>UPL</u> EPA Reg # 70506-176	0.8 gal/AF	0.5 acres	5.0 feet	2.0 gal	2
<u>Captain XTR</u> Manufacturer: <u>SePro</u> EPA Reg # 67690-9	3.0 gal/AF	0.25 acres	5.0 feet	3.75 gal	6
<u>Glyphosate 5.4</u> Manufacturer: <u>Alligare</u> EPA Reg # 81927-8	0.75 gal/SA	0.2 acres	1.0 feet	0.15 gal	2
<u>Sonar A.S.</u> Manufacturer: <u>SePro</u> EPA Reg # 67690-4	0.06 gal/AF	0.5 acres	5.0 feet	0.15 gal	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 2.27 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	04/29/2024
Heather Smiles	Title	Date
Additional Requirements: None		
For the Department of Environmental Protection:		
<i>Ch Kriley</i>	Environmental Program Manager	04/29/2024
Christopher Kriley, P.E.	Title	Date
Additional Requirements:		
<ul style="list-style-type: none"> • <u>Heritage Lake of Fayette County</u> has been identified as a public water supply (PWS) within 5 miles downstream of the point of application. You are required to notify the above referenced PWS as well as any other PWS within 5 miles downstream of the point of application at least 24 hours in advance of treatment. 		

- If there is a **shutdown criterion** on the pesticide label then the **PWS intake has to be shut down if the pesticide is applied within the prescribed distance**, and the applicator has to give 24-hour notification to the PWS. The applicator can perform monitoring if the PWS wants to re-open their intake sooner than the label dictates.
- If there is only an MCL criterion, but not a shutdown requirement on the label, then any PWS within 5 miles has to receive 24-hour notification.
- The pesticide Aquathol-K contains chemicals listed by the EPA as a drinking water contaminant with a federally designated maximum contaminant level (MCL). According to the product label, a set back from potable water intakes must be maintained during product application. If the distance is not maintained, the potable water intake must be closed to ensure compliance with the MCL of 0.1 ppm for Endothall Acid (Aquathol-K). Pesticide users are responsible under federal law to use pesticides according to the manufacturer's product label directions.
- The pesticide Glyphosate 5.4 contains chemicals listed by the EPA as a drinking water contaminant with a federally designated maximum contaminant level (MCL). According to the product label, a set back from potable water intakes must be maintained during product application. If the distance is not maintained, the potable water intake must be closed to ensure compliance with the MCL of 0.7 ppm Glyphosate.