

Application Type Renewal  
Facility Type Pesticides  
Permit Type Individual

## NPDES PERMIT FACT SHEET PESTICIDES

Application No. PA0065340A-1  
APS ID 777410  
Authorization ID 1478618

### Applicant and Facility Information

Applicant Name	<u>Stillwater Estates Poa</u>	Facility Name	<u>Stillwater Lake</u>
Applicant Address	<u>382 Stillwater Drive</u> <u>Pocono Summit, PA 18346-7765</u>	Facility Address	<u>382 Stillwater Drive</u> <u>Pocono Summit, PA 18346-7765</u>
Applicant Contact	<u>Kelly Dipaolo</u>	Facility Contact	<u>Dipaolo Kelly</u>
Applicant Phone	<u>(570) 839-7920</u>	Facility Phone	<u>(570) 839-7920</u>
Client ID	<u>84679</u>	Site ID	<u>760186</u>
SIC Code	<u>0782</u>	Municipality	<u>Coolbaugh Township</u>
SIC Description	<u>Agriculture - Lawn And Garden Services</u>	County	<u>Monroe</u>
Date Application Received	<u>March 20, 2024</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>March 20, 2024</u>	EPA Waived	<u>No</u>
Purpose of Application	<u>Renewal of NPDES permit for used of Pesticides.</u>		

### Internal Review and Recommendations

The applicant is requesting renewal of NPDES Permit No. PA0065340 for a discharge from the application of pesticides to control weeds and algae in Stillwater Lake. The lake is located in between Hawley Run and Upper Tunkhannock Creek in the community of Stillwater Lake Estates. The lake is a High Quality-Cold Water Fishes (HQ-CWF) designated receiving water in watershed 2A (Upper Lehigh River). As per the Department's current existing use list, the receiving lake does not have an existing use classification that is more protective than its designated use.

#### Lake Information:

- Stillwater Lake Dam No. 45-040 is a Class B-1 High Hazard Dam.
- Stillwater Lake is an average 5.0 feet deep.
- Stillwater Lake is .47mi<sup>2</sup> in size at sits at an elevation of 1810ft
- Stillwater Lake uses include (non-public) fishing and swimming per Application. Water not used for irrigation purposes per application.
- No PWS surface water intake within five miles of lake discharge per application, as confirmed by E-maps.
- For-Hire Applicator/Agent: Aquatic Environmental Consultants Inc., PA Department of Agriculture Pesticide Certification #831328 BU1299
- Decision-maker: Stillwater POA, with the For-Hire Applicator acting as the agent/consultant for Stillwater POA.

Permittee indicated the use of a new herbicide for this permit cycle: Clipper Herbicide (EPA Reg. No 59639-161). Clipper is a pesticide designed to target bladderwort and pondweed and will be applied at a dose of 200ppb once a year. The use of Clipper has been cleared through PA DEP biologists.

#### Pesticides:

Approve	Deny	Signatures	Date
X		<i>William Hon</i> William Hon / Environmental Engineer Specialist	March 11, 2025
X		<i>Edward Dudick</i> Edward Dudick, P.E. / Environmental Engineer Manager	March 12, 2025

**Internal Review and Recommendations**

Chemical	Planned Dose	Treatment Area	Treatment Method	Target Pest	No. Annual Treatments
Reward (EPA Reg. 100-1091)	1.0 gal/SA	220 acres	Direct via Boat	Bladderwort, Pondweed	1
Aquathol-K (EPA Reg. 70506-176)	1.0 gal/ AF	10 acres	Direct via Boat	Pondweed	1
Glyphosate 5.4 (EPA Reg. 81927-8)	.75 gal/SA	3 acres	Direct via Boat	Water Lily, Watershed	1
Copper Sulfate (EPA Reg. 73385-1)	1.36 lb/AF	60 acres	Direct via Boat	Filamentous Algae	3
Clipper (EPA Reg. 59639-1611)	1.1 lb/AF	10 acres	Direct via Boat	Bladderwort, Pondweed	1

Receiving lake is listed as High Quality and has an active TMDL for metals so Anti-Degradation was performed for all treatment areas. No chemicals listed will impact fish or other wildlife. No chemicals listed will add any additional aluminum, manganese, or iron to lake.

PA Department of Conservation and Natural Resources state there is potential for impact on a threatened species: Myrica Gale (Sweet-gale). Status of species is "Threatened". Response from permittee indicated there was no effect on plant of concern but will continue to monitor.

Anti-Degradation

No degradation is expected. No new, additional, or increased pesticide loadings are proposed in this renewal. Pesticide and application rates are approved. All pesticide dose rates were determined via lowest labeled rate that was proven to be effective for controlling targeted pest.

Upper Tunkhannock Creek is subject to a TMDL (AMD metals including aluminum, manganese, and iron, plus pH) to which the approved pesticides will not contribute any significant loading. No degradation is expected.

Public Participation

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.