

Application Type New
Facility Type Pesticides
Permit Type Individual

**NPDES PERMIT FACT SHEET
PESTICIDES**

Application No. PA0296287
APS ID 1156146
Authorization ID 1558737

Applicant and Facility Information

Applicant Name	<u>Conneaut Lake Aquatic Mgmt. Assoc</u>	Facility Name	<u>Conneaut Lake Pesticides</u>
Applicant Address	<u>PO Box 49</u> <u>Conneaut Lake, PA 16316-0049</u>	Facility Address	<u>Conneaut Lake Road</u> <u>Conneaut Lake, PA 16316-0049</u>
Applicant Contact	<u>Karen Styborski</u>	Facility Contact	<u>Karen Styborski</u>
Applicant Phone	<u>(814) 336-9577</u>	Facility Phone	<u>(814) 336-9577</u>
Client ID	<u>301426</u>	Site ID	<u>768754</u>
SIC Code	<u>0782</u>	Municipality	<u>Conneaut Lake Borough</u>
SIC Description	<u>Agriculture - Lawn And Garden Services</u>	County	<u>Crawford</u>
Date Application Received	<u>February 12, 2026</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>February 12, 2026</u>	EPA Waived	<u>No</u>
Purpose of Application	<u>To control species of invasive plants such as cabomba, eurasian milfoil, hydrilla and other pondweeds; and improve recreational swimming and boating on Conneaut Lake</u>		

Internal Review and Recommendations

Brief Description of Project and Discussion

The Applicant plans to use the following herbicides: Reward to control cambomba and eurasian watermilfoil; Clipper to control cabomba; Aquathol-K to control pondweeds and SonarOne to control hydrilla. Treatments are scheduled to occur from May-September.

Currently, the Conneaut Lake Aquatic Management Association, CLAMA, operates under §91.38 permit number 2018801. The current permit allows for the treatment of 79.5 acres of the 929-acre lake. Clipper, Reward and Aquathol-K are currently permitted herbicides to control emergent plant species in the Lake with their current 91.38 permit. In addition, CLAMA operates a mechanical weed harvester during the summer months to control emergent aquatic plants to improve recreational boating. The submitted application is asking to increase treatments to cover 195 acres of the Lake. The goal of this additional acreage is to further control the invasive species cabomba and eurasian milfoil in addition to a recently discovered infestation of hydrilla and areas of other types of heavy plant growth interfering with recreational uses

Conneaut Lake is a 929-acre natural lake in Sadsbury Township, Crawford County. Popular recreational activities include boating, swimming and fishing. Conneaut Lake is considered a public lake with the bottom of the lake owned by the PA Department of Conservation and Natural Resources (DCNR), but most of the lake frontage is privately owned. No earth disturbance activity will be conducted during applications, so no submerged land license agreement is needed with the DCNR. Applications will be made directly to water. There are two public boat launches: one at the northern end of the lake owned by the PA Fish and Boat Commission and another at the southern end owned by Sadsbury Township.

Approve	Deny	Signatures	Date
X		Joe Brancato / Aquatic Biologist Supervisor JCB	March 19, 2026
X		Eric C. Kicher / Environmental Group Manager ECK	March 19, 2026

Internal Review and Recommendations

Conneaut Lake outlets to Conneaut Outlet, then to French Creek, then the Allegheny River. AquaPA-Emlenton operates the nearest potentially affected water supply intake structure, on the Allegheny River, approximately 70 miles downstream of the Conneaut Lake Outlet. The nearest public water supply will not be impacted from these herbicide applications given the distance from the Lake to the nearest public water supply intake structure.

This is an amendment to the original §91.38 permit to increase the number of acres to be treated with herbicides from 79.5 acres to 195 acres. The increase in acreage and the addition of SonarOne to control Hydrilla and because Conneaut Lake is designated as a Special Protection Watershed meant that CLAMA would need a permit amendment and require an Individual permit to conduct these treatments.

The coordinates for Conneaut Lake at the outlet are 41° 36' 12.02" N -80° 17' 57.48" W.

The chemical applicant listed in the permit application is Aquatic Environmental Consultants (AEC), Inc. P.O Box 307, Scotland, PA 17254, Pennsylvania Department of Agriculture Certification #BU1299.

Conneaut is currently designated and protected by the Department for High-Quality Warm Water Fishes (HQ-WWF) and Conneaut Outlet is designated and protected for Warm Water Fishes (WWF). The Lake is currently meeting this designation. Conneaut Lake's trophic status is borderline mesotrophic/eutrophic. Conneaut Outlet is not attaining its designated WWF aquatic life use. The major sources of impairment are urban runoff / storm sewers and road runoff with the causes of impairment being nutrients and siltation.

Reviews through the Pennsylvania Natural Diversity Inventory (PNDI) were submitted by the Applicator, AEC, for potential conflicts to Federal and State Listed species. Species Impact Reviews were replied to by the following agencies: PA DCNR, PA Game Commission, PA Fish and Boat Commission and US Fish and Wildlife Service. It was determined that the potential impacts for concerned species within or adjacent to Conneaut Lake would have "No Anticipated Impacts" by aquatic herbicide treatments to the Lake.

Changes from the original application were changed based on conversations with AEC. The changes were as follows and did not change the dosage rates, area of treatment or the total amount of product used each year. The change was in the number of annual treatments:

Conneaut Lake Treatments

TREATMENT INFORMATION						
Chemical	Maximum Dose	Treatment Area	Treatment Depth	Amount Each Treatment	# Annual Treatments	Target Organisms(s)
Reward	2.0 gal/SA	195.0	0.0	390 gal	1	cabomba, eurasian milfoil
Reward	2.0 gal/SA	195.0	0.0	390 gal	2	cabomba, eurasian milfoil
Clipper	1.1 lb/AF	195.0	6.0	1287 lbs	1	cabomba
Clipper	1.1 lb/AF	195.0	6.0	1287 lbs	2	cabomba
Aquathol-K	1.0 gal/AF	195.0	6.0	1170 gal	1	pondweeds
Aquathol-K	1.0 gal/AF	97.5	6.0	585 gal	2	pondweeds
SonarOne	19.4 lbs/SA	195.0	0.0	3783 lbs	1	hydrilla
SonarOne	6.4 lbs/SA	195.0	0.0	1248 lbs	2	hydrilla
SonarOne	3.3 lbs/SA	195.0	0.0	643.5 lbs	2	hydrilla

BOLD fields were what was shown in the original application from CLAMA and AEC

For SonarOne treatments for the invasive *hydrilla*, the goal is to treat at 60 ppb according to the product label, but it was decided to split the treatments into 4 and treat at 20 ppb, 20 ppb, 10 ppb and 10 ppb.

Internal Review and Recommendations

Anti-Degradation

Treatment areas maps, Anti-degradation Module with ABACT and Non-discharge alternatives were submitted and reviewed and were adequate.

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.