

DOCKET NO. D-1974-091-3

DELAWARE RIVER BASIN COMMISSION

Discharge to a Tributary of Special Protection Waters

**Pocono Lake Utilities LLC
Pocono Lake Wastewater Treatment Plant
Palmyra Township, Pike County, Pennsylvania**

PROCEEDINGS

This docket is issued in response to an application submitted to the Delaware River Basin Commission (DRBC or Commission) on April 27, 2018 (Application), for approval of a newly constructed wastewater treatment plant (WWTP) that replaced the existing WWTP and its discharge. The Pennsylvania Department of Environmental Protection (PADEP) issued National Pollutant Discharge Elimination System (NPDES) Permit No. PA0041912 for this discharge.

The application was reviewed for continuation of the project in the Comprehensive Plan and approval under Section 3.8 of the *Delaware River Basin Compact*. The Pike County Planning Commission has been notified of pending action. A public hearing on this project was held by the DRBC on August 6, 2025.

A. DESCRIPTION

1. **Purpose.** The purpose of this docket is to approve of the docket holder's newly constructed Pocono Lake WWTP and its 0.07 mgd discharge. The Pocono Lake WWTP has replaced the existing Deer Haven WWTP. This docket also approves the name change of the newly constructed WWTP to Pocono Lake WWTP.

2. **Location.** The docket holder's WWTP is located at Route PA-507 in Palmyra Township, Pike County, Pennsylvania. The WWTP will continue to discharge treated effluent to Wallenpaupack Creek, upstream of Lake Wallenpaupack, River Mile 277.7 – 15.6 – 8.7 (Delaware River – Lackawaxen River – Wallenpaupack Creek) and is located in the drainage area to the Upper Delaware Special Protection Waters (SPW).

The location of the WWTP outfall in the Lackawaxen River Watershed is as follows:

OUTFALL NO.	LATITUDE (N)	LONGITUDE (W)
001	41° 22' 52"	75° 15' 5"

3. **Area Served.** The docket holder's WWTP will continue to serve the following developments: White Beauty View Estate Lots, Haven Developments, Pinecrest Lots, and other nearby lots. Additionally, the WWTP will serve the "Phase 1 – Pocono Lakefront" development that will include up to 218 units, located in Palmyra Township, Pike County, Pennsylvania. For the purpose of defining the Area Served, the Type of Discharge and the Service Area sections from the docket holder's Application are incorporated herein by reference, to the extent consistent with all other conditions contained in Section C. DECISION of this docket.

4. **Design Criteria.** The docket holder's 0.07 mgd WWTP utilizes a Waterneer-Biokube submerged aeration filter (SAF) treatment process with ultraviolet disinfection.

5. **Facilities.** The wastewater treatment plant begins with a headworks to remove discrete solids (screening/grinding and settling of grit). After this, the flow goes into an Extended Aeration Tank with 12 hours of hydraulic detention time and fine bubble aeration. In this tank, sludge which is settled out from a downstream tank is blended to maintain an appropriate food to biomass ratio and combined with oxygen biological active compounds, primarily measured as BOD, is broken down. The Mixed Liquor then flows to final clarification which removes the suspended micro-organisms. The clarified effluent goes to polishing filters. These filters ensure that the effluent is further cleaned. This polished effluent is then treated through UV light reactors which use the UV Light Irradiation which disinfects the wastewater prior to discharge to Lake Wallenpaupack.

The docket holder's WWTP discharges to waters classified as SPW and is required to have available standby power. The docket holder is required as part of the continued discharge to install a generator capable of providing standby power (See C. DECISION condition C.2.).

The docket holder's WWTP will not be staffed 24 hours per day and shall have a remote alarm system that continuously monitors plant operations in accordance with the Commission's SPW requirements. The docket holder is required as part of the continued discharge to install remote alarm systems (See Section C. DECISION condition C.2.).

The docket holder has prepared and implemented an emergency management plan (EMP) for the newly constructed WWTP in accordance with Commission SPW requirements.

The project facilities are not located in the 100-year floodplain.

Wasted sludge will continue to be hauled off-site for disposal in accordance with the NPDES Permit No. PA0041912.

6. **Water Withdrawals.** The potable water supply in the project service area is provided by the Deer Haven Water system, which is in the process of being transferred to Aqua Pennsylvania, Inc. The withdrawals are operated at a withdrawal rate below the DRBC groundwater withdrawal review threshold and are not subject to Commission review and approval.

7. **NPDES Permit / DRBC Effluent Requirements.** NPDES Permit No. PA0041912 issued by the PADEP includes final effluent limitations for the project discharge to surface waters classified by the PADEP as supporting high quality water cold water fishes (HQ-CWF) and migratory fishes (MF). EFFLUENT TABLES C-1 & C-2 included in Section C. DECISION condition C.1. of this docket contain effluent requirements for DRBC parameters that must be met as a condition of this approval. Effluent requirements for Outfall No. 001 are based on a discharge rate of 0.07 mgd.

8. **Relationship to the Comprehensive Plan.** The existing WWTP was unnecessarily included in the Comprehensive Plan by Docket No. D-1974-091 CP-2 on December 10, 2014. Issuance of this docket will remove the WWTP and its discharge from the Comprehensive Plan.

B. FINDINGS

The docket holder applied to approve of their newly constructed Pocono Lake WWTP and its 0.07 mgd WWTP and its discharge. The Pocono Lake WWTP will replace the existing Deer Haven WWTP once all PADEP requirements are met.

1. Special Protection Waters

In 1992, the DRBC adopted SPW requirements, as part of the DRBC *Water Quality Regulations (WQR)*, designed to protect existing water quality in applicable areas of the Delaware River Basin. One hundred twenty miles of the Delaware River from Hancock, New York downstream to the Delaware Water Gap has been classified by the DRBC as SPW. This stretch includes the sections of the river federally designated as "Wild and Scenic" in 1978 -- the Upper Delaware Scenic and Recreational River and the Delaware Water Gap National Recreation Area -- as well as an eight-mile reach between Milrift and Milford, Pennsylvania which is not federally designated. The SPW regulations apply to this 120-mile stretch of the river and its drainage area.

On July 16, 2008, the DRBC approved amendments to its *WQR* that provide increased protection for waters that the Commission classifies as SPW. The portion of the Delaware River and its tributaries within the boundary of the Lower Delaware River Management Plan Area was approved for SPW designation and clarity on definitions and terms were updated for the entire program.

The docket holder's WWTP discharges to the drainage area to the Upper Delaware SPW. The docket holder's WWTP discharge is required to comply with the SPW requirements, as outlined in Article 3.10.3A.2. of the *WQR*.

Article 3.10.3A.2.e.1). and 2). of the Commission's *WQR* states that projects subject to review under Section 3.8 of the Compact that are located in the drainage area of SPW must submit for approval a Non-Point Source Pollution Control Plan (NPSPCP) that controls the new or increased non-point source loads generated within the portion of the docket holder's service area which is also located within the drainage area of SPW. The service area of the docket holder is located in the drainage area to the SPW. Since this project is located in the drainage area to Lake Wallenpaupack, a NPSPCP is not required in accordance with WQR Section 3.10.3A.2.e.1)(c).

However, as noted above in A.3. the docket holder's area served is located entirely in Palmyra Borough. This municipality has enacted and is actively implementing non-point source/stormwater control ordinance adopting the Borough of Palmyra Ordinance No. 750. Compliance with the Borough of Palmyra Ordinance No. 750, adopted December 18, 2012, generally meets the requirements of Article 3.10.3A.2.e.1 of the Commission's Water Quality Regulations for the Area Served as described in A.3. above within Palmyra Borough. Prior to allowing connections from any new service areas or any new developments not in compliance with this Ordinance, where a NPSPCP may be required, the docket holder shall submit and have approved by the Executive Director of the DRBC a Non-Point Source Pollution Control Plan (NPSPCP) in accordance with Section 3.10.3.A.2.e. (See Section C. DECISION condition C.6.)

In accordance with Section 3.10.3A.2.f.1) and of the Commission's *WQR*, following consultation between the PADEP and Commission staff, The Commission has determined that the requirements under Section 3.10.3A.2.d.8) for evaluation of natural wastewater treatment system alternatives, demonstrations of No Measurable Change (NMC) to Existing Water Quality (EWQ), NPSPCP described within the Commission's *WQR* is not applicable to the proposed project since the WWTP will continue to discharge to waters that drain to a water storage impoundment (Lake Wallenpaupack) where time of travel and relevant hydraulic and limnological factors such as available assimilative capacity preclude a direct impact on SPW.

2. Other

The nearest surface water intake of record for public water supply is located on the Delaware River approximately 120 River Miles downstream of the docket holder's WWTP and is operated by Easton Area Water System.

The project does not conflict with the Comprehensive Plan and is designed to prevent substantial adverse impact on the water resources related environment, while sustaining the current and future water uses and development of the water resources of the Basin.

The effluent limits in the NPDES Permit conform with Commission effluent quality requirements, where applicable.

The project is designed to produce a discharge that meets the effluent requirements as set forth in the Commission's *Water Quality Regulations (WQR)*.

C. DECISION

Effective on the approval date for Docket No. D-1974-091 CP-3 below, the project described in Docket No. D-1974-091 CP-2 is removed from the Comprehensive Plan to the extent that it is not included in Docket No. D-1974-091 CP-3; Docket No. D-1974-091 CP-2 is terminated and replaced by Docket No. D-1974-091 CP-3; and the project and the appurtenant facilities described in Section A “DESCRIPTION” of this docket shall be included in the Comprehensive Plan. The project and appurtenant facilities as described in Section A of this docket are approved pursuant to Section 3.8 of the *Compact*, subject to the following conditions:

Monitoring and Reporting

1. The docket holder shall comply with the requirements contained in the EFFLUENT TABLES below. The docket holder shall submit the required monitoring results electronically to the DRBC Project Review Section via email aemr@drbc.gov on the **Annual Effluent Monitoring Report Form** located at this web address: <https://www.nj.gov/drbc/programs/project/docket-app-info.html#3>. The monitoring results shall be submitted annually, absent any observed limit violations, by January 31. If a DRBC effluent limit is violated, the docket holder shall submit the result(s) to the DRBC within 30 days of the violation(s) and provide a written explanation that states the action(s) the docket holder has taken to correct the violation(s) and protect against any future violations. The following average monthly effluent limits are among those listed in the NPDES Permit and meet or are more stringent than the effluent requirements of the DRBC.

EFFLUENT TABLE C-1: DRBC Parameters Included in NPDES Permit

OUTFALL 001 (Lake Wallenpaupack)		
PARAMETER	LIMIT	MONITORING
pH (Standard Units)	6 to 9 at all times	As required by NPDES Permit
Total Suspended Solids	30 mg/l	As required by NPDES Permit
Dissolved Oxygen	6.0 mg/l (minimum at all times)	As required by NPDES Permit
CBOD ₅ (at 20° C)	10 mg/l	As required by NPDES Permit
CBOD ₅ (at 20° C) Influent	Monitor & Report	As required by NPDES Permit
Ammonia Nitrogen (5-1 to 10-31) (11-1 to 4-30)	3.0 mg/l 9.0 mg/l	As required by NPDES Permit
Fecal Coliform (5-1 to 9-30) (10-1 to 4-30)	200 colonies per 100 ml as a geo. avg. 2000 colonies per 100 ml as a geo. avg.	As required by NPDES Permit
Phosphorus	0.5 mg/l	As required by NPDES Permit
Nitrate-Nitrite as N	Monitor & Report	As required by NPDES

OUTFALL 001 (Lake Wallenpaupack)		
PARAMETER	LIMIT	MONITORING
		Permit
Total Nitrogen or Total Kjeldahl Nitrogen	Monitor & Report	As required by NPDES Permit

The following monitoring requirements and average monthly effluent limits are for DRBC parameters not listed in the NPDES Permit.

EFFLUENT TABLE C-2: DRBC Parameters Not Included in NPDES Permit

OUTFALL 001 (Lake Wallenpaupack)		
PARAMETER	LIMIT	MONITORING
Total Dissolved Solids*	1,000 mg/l *	One Per Quarter
CBOD ₅ (at 20° C)	85 % Minimum Removal	Monthly

* See DECISION Condition C.10.

2. The docket holder shall provide for standby power and install remote alarm controls and submit confirmation within 6 months of docket approval (or upon completion of the reconstructed WWTP, whichever occurs first.)

3. Within 30 days of completion of construction of the approved project, the docket holder is to submit to the attention of the Project Review Section of DRBC a Construction Completion Statement (“Statement”) signed by the docket holder’s professional engineer for the project. The Statement must (1) either confirm that construction has been completed in a manner consistent with any and all DRBC-approved plans or explain how the as-built project deviates from such plans; and (2) indicate the date on which the project was (or is to be) placed in operation.

Other Conditions

4. Sound practices of excavation, backfill and reseeding shall be followed to minimize erosion and deposition of sediment in streams.

5. Nothing in this docket constitutes a defense to any penalty action for past conduct of the docket holder or ongoing activity not authorized by this approval. In particular, renewal of this docket does not resolve violations – whether in the past or continuing – of provisions of the Delaware River Basin Compact (“Compact”) or any rule, regulation, order or approval duly issued by the Commission or the Executive Director pursuant to the Compact. The Commission reserves its right to take appropriate enforcement action against the docket holder, including but not limited to recovery of financial penalties consistent with Section 14.17 of the Compact, for any and all such prior or continuing violations.

6. Prior to allowing connections from any new service areas or any new developments, the docket holder shall either submit and have approved by the Executive Director of the DRBC a NPSPCP in accordance with Section 3.10.3.A.2.e, or receive written confirmation from the Executive Director of the DRBC that the new service area complies with a DRBC-approved NPSPCP.

7. Prior to the docket holder initiating any substantial alterations or additions to the existing WWTP as defined in Section 3.10.3A2.a.16) of the Commission's *WQR*, an application must be submitted and approved by the Commission. Such an application shall be submitted prior to final design to ensure that the Commission can provide the docket holder with draft effluent limitations for SPW specific parameters as guidance for design as to not require duplication of work or cause a substantial expenditure of public funds without Commission approval. The docket holder is encouraged to contact the Commission staff during the planning stages to identify the potential effluent limitations required to meet the no measurable change parameters under SPW.

8. Except as otherwise authorized by this docket, if the docket holder seeks relief from any limitation based upon a DRBC water quality standard or minimum treatment requirement, the docket holder shall apply for approval from the Executive Director or for a docket revision in accordance with Section 3.8 of the *Compact* and the *Rules of Practice and Procedure*.

9. The docket holder may request permission from the Executive Director to perform specific conductance monitoring in lieu of TDS monitoring. The request shall be made in writing and shall include information that supports the effluent specific correlation between TDS and specific conductance. Upon review, the Executive Director may modify the docket to allow specific conductance monitoring in lieu of TDS monitoring.

10. In accordance with 18 C.F.R. 401.8. of the Commission's *Rules of Practice and Procedure (RPP)*, if at any future time the Project is changed materially from the Project as described in this docket, it will be deemed to constitute a new and different project for the purposes of Article 11 of the Delaware River Basin Compact and will require Commission amendment of the Comprehensive Plan. In accordance with the same section of the RPP, whenever a change to the Project is made, the sponsor must advise the Executive Director, who will determine whether the change is deemed materially for purposes of this provision.

11. This approval shall expire on the expiration date set forth below unless prior thereto the docket holder has applied to the Commission to renew or extend this approval.

12. The docket holder is responsible for timely submittal to the DRBC of a docket renewal application on the appropriate application form including the appropriate docket application filing fee (see 18 C.F.R. 401.43) at least 6 months in advance of the docket expiration date set forth below. The docket holder will be subject to late filed renewal surcharges in the event of untimely submittal of its renewal application, whether DRBC issues a reminder notice in advance of the deadline or the docket holder receives such notice. If a timely and complete application for renewal has been submitted and the DRBC is unable, through no fault of the docket holder, to reissue the docket before the expiration date below, the terms and conditions of the current docket will remain fully effective and enforceable pending the grant or denial of the application for docket approval.

13. The docket holder is permitted to treat and discharge wastewater as set forth in the Area Served Section of this docket, which incorporates by reference the Type of Discharge and Service Area sections of the docket holder's Application to the extent consistent with all other conditions of this section. Any expansion beyond that included in Section A.3. Area Served is subject to DRBC review and approval in accordance with Section 3.8 of the Compact.

14. In accordance with the Commission's regulations at 18 C.F.R. Part 440, the docket holder is prohibited from discharging wastewater from high volume hydraulic fracturing ("HVHF") or HVHF-related activities to waters or land within the Basin. The docket holder is further prohibited from discharging hydraulic fracturing wastewater, whether treated or untreated, from sources within or outside the Basin, without obtaining the Commission's prior review and express approval in the form of a revised docket. Violation of this or any condition of this docket approval may result in enforcement, including the risk of financial penalties, pursuant to Section 14.17 of the Delaware River Basin Compact and Section 2.7.8 (18 CFR 401.98) of the Commission's Rules of Practice and Procedure.

15. The facility and operational records shall be available at all times for inspection by the DRBC.

16. The facility shall be operated at all times to comply with the requirements of the Commission's *WQR*.

17. If at any time the receiving treatment plant proves unable to produce an effluent that is consistent with the requirements of this docket approval, no further connections shall be permitted until the deficiency is remedied.

18. Nothing herein shall be construed to exempt the docket holder from obtaining all necessary permits and/or approvals from other State, Federal or local government agencies having jurisdiction over this project.

19. The docket holder shall discharge wastewater in such a manner as to avoid injury or damage to fish or wildlife and shall avoid any injury to public or private property.

20. No sewer service connections shall be made to newly constructed premises with plumbing fixtures and fittings that do not comply with water conservation performance standards contained in Resolution No. 88-2 (Revision 2).

21. The issuance of this docket approval shall not create any private or proprietary rights in the waters of the Basin, and the Commission reserves the right to amend, suspend or rescind the docket for cause, to ensure proper control, use and management of the water resources of the Basin.

22. The docket holder shall be subject to applicable DRBC regulatory program fees, in accordance with duly adopted DRBC resolutions and/or regulations (see 18 C.F.R. 401.43).

23. This approval is transferable by request to the DRBC Executive Director provided that the project purpose and area served approved by the Commission in this docket will not be materially altered because of the change in project ownership. The request shall be submitted on the appropriate form and be accompanied by the appropriate fee (see 18 C.F.R. 401.43).

24. The docket holder shall request a name change of the entity to which this approval is issued if the name of the entity to which this approval is issued changes its name. The request for name change shall be submitted on the appropriate form and be accompanied by the appropriate fee (see 18 C.F.R. 401.43).

25. The Executive Director may modify or suspend this approval or any condition thereof, or require mitigating measures pending additional review, if in the Executive Director's judgment such modification or suspension is required to protect the water resources of the Basin.

26. Prior to allowing connections from any new service areas or any new developments not in compliance with the Ordinances described in Section B.1. above, the docket holder shall submit and have approved by the Executive Director of the DRBC a Non-Point Source Pollution Control Plan (NPSPCP) in accordance with Section 3.10.3.A.2.e.

27. Any person who objects to a docket decision by the Commission may request a hearing in accordance with Article 6 of the *Rules of Practice and Procedure (RPP)*. In accordance with Section 15.1(p) of the *Delaware River Basin Compact*, cases and controversies arising under the *Compact* are reviewable in the United States district courts.

BY THE COMMISSION

APPROVAL DATE: September 10, 2025

EXPIRATION DATE: September 10, 2030