

Application Type Renewal
Facility Type Non-Municipal
Major / Minor Minor

NPDES PERMIT FACT SHEET INDIVIDUAL SEWAGE

Application No. PA0032859
APS ID 275901
Authorization ID 1464180

Applicant and Facility Information

Applicant Name <u>PA DOT Bureau Of Project Delivery</u>	Facility Name <u>PA DOT Site 41 Rest Area</u>
Applicant Address <u>Penndot Bureau Of Maintenance And Operations 400 North Street 6th Floor</u>	Facility Address <u>I-80 Eastbound</u>
<u>Harrisburg, PA 17120</u>	<u>Pocono Township, PA 18372</u>
Applicant Contact <u>Nicholaus Sahd</u>	Facility Contact <u>Raymond Boronyak</u>
Applicant Phone <u>(717) 886-5395</u>	Facility Phone <u>(610) 871-4139</u>
Client ID <u>62162</u>	Site ID <u>239839</u>
Ch 94 Load Status <u>Not Overloaded</u>	Municipality <u>Pocono Township</u>
Connection Status <u>No Limitations</u>	County <u>Monroe</u>
Date Application Received <u>November 15, 2023</u>	EPA Waived? <u>Yes</u>
Date Application Accepted <u>November 15, 2023.</u>	If No, Reason <u></u>
Purpose of Application <u>Renewal of NPDES for Minor sewage facility.</u>	

Summary of Review

The applicant is requesting the renewal of an NPDES permit to discharge up to 0.009 MGD of treated sewage to Pocono Creek, a High Quality, Cold-Water Fishery, Migratory Fish (HQ-CWF, MF) designated receiving stream in State Water Plan Basin 1-E (Brodhead Creek). Per the Department's current existing use list, the receiving stream does not have an existing use classification that is more protective than the designated use. This stream segment is designated as a naturally reproducing trout stream as per PA Fish & Boat Commission. This discharge is not expected to affect public water supplies.

WQM 7.1 was run and did not recommend more stringent limits (see attached model results). Limitations for pH, COBD₅, Total Suspended Solids (TSS) and Fecal Coliform are Technology based limit and carried over from previous permit. Limitations for Ammonia Nitrogen and Dissolved Oxygen (DO) are water quality-based limit and are carried over from previous permit.

Annual sampling and reporting for E-coli is added to this current permit.

Annual sampling and reporting for Total Nitrogen (TN), Total Phosphorus (TP), Total Kjeldahl Nitrogen (TKN) and Nitrate- Nitrite-N have been carried over from the previous permit.

TRC spreadsheet calculation model was run and did not recommend stricter limits (see results attached)

Monitoring frequencies for Dissolved Oxygen (DO), pH, and Total Residual Chlorine (TRC) are maintained as 5/week in this current permit. A footnote in part A of Page 3 of this permit document will note that monitoring will continue on Friday, Saturday and Sunday because of weekend highway traffic

Approve	Deny	Signatures	Date
X		Hakim Yesli (signed) Hakim Yesli / Environmental Engineering Specialist	August 4, 2025.
X		Amy M. Bellanca (signed) Amy M. Bellanca, P.E. / Program Manager	8-6-25

Summary of Review

Monitoring frequencies for the remaining parameters with limitations have been updated to the recommended frequencies found in Table 6-3 of DEP's Technical Guidance for the Development and Specification of Effluent Limitations (Document No. 362-0400-001).

The state-wide Low flow yield of 0.1 fcs/mi² is used in the water quality modeling for this permit review since no USGS gage station exist near the outfall 001.

RMI values were obtained using the Department's eMapPA, drainage areas were delineated using USGS's StreamStats interactive map, and elevations were obtained using the elevation profile tool on StreamStats.

Sludge use and disposal description and location:

As stated in this application, sludge continue to be hauled to the Greater Hazelton Joint Sewer Authority in Hazelton, PA by Biros Septic & Drain Cleaning, Inc.

WMS Query by client was run and currently no violations are pending for this client.



watershed Info for
Penndot Site 41.pdf



WQM results
-Penndot site 41.pdf



TRC calculation for
Penndot site 41.pdf

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.

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001	Design Flow (MGD)	.009
Latitude	41° 3' 43.11"	Longitude	-75° 21' 35.18"
Quad Name	Mount Pocono	Quad Code	
Wastewater Description: Sewage Effluent			
Receiving Waters	Pocono Creek (HQ-CWF, MF)	Stream Code	4779
NHD Com ID	26158536	RMI	14.5700
Drainage Area	8.58	Yield (cfs/mi ²)	0.1
Q ₇₋₁₀ Flow (cfs)	0.858	Q ₇₋₁₀ Basis	State -wide default
Elevation (ft)	1318.3	Slope (ft/ft)	
Watershed No.	1-E	Chapter 93 Class.	HQ-CWF, MF
Existing Use	N/A	Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Attaining Use(s)		
Cause(s) of Impairment			
Source(s) of Impairment			
TMDL Status	N/A	Name	
Background/Ambient Data	Data Source		
pH (SU)			
Temperature (°F)			
Hardness (mg/L)			
Other:			
Nearest Downstream Public Water Supply Intake	Easton Area public water		
PWS Waters		Flow at Intake (cfs)	
PWS RMI	110	Distance from Outfall (mi)	47 mi

Treatment Facility Summary**Treatment Facility Name:** Safety Rest Area No. 41

Waste Type	Degree of Treatment	Process Type	Disinfection	Avg Annual Flow (MGD)
Sewage	Secondary	Conventional Activated Sludge Bioreactors	Chlorine Contact Tank	0.0032
Hydraulic Capacity (MGD)	Organic Capacity (lbs/day)	Load Status	Biosolids Treatment	Biosolids Use/Disposal
0.009	19.2	Not Overloaded	Holding Tank	Hauled