Pennsylvania Department of Environmental Protection

Northeast Regional Office
CLEAN WATER PROGRAM

NPDES PERMIT FACT SHEET INDIVIDUAL SEWAGE

Application Type	**Renewal**	Application No.	**PA0029653**
Facility Type	**Non-Municipal**	APS ID	**1139542**
Major / Minor	**Minor**	Authorization ID	**1530904**

Applicant and Facility Information

Applicant Name	**Jewish Community Center Day Camp**	Facility Name	**Jewish Community Center Day Camp WWTP**
Applicant Address	601 Jefferson Avenue	Facility Address	Route 502
	Scranton, PA 18510-1621		Covington Twp, PA 18444
Applicant Contact	Vince Kalinoski	Facility Contact	Vince Kalinoski
Applicant Phone	(570) 346-6595	Facility Phone	(570) 346-6595
Client ID	7845	Site ID	246103
Ch 94 Load Status	Not Overloaded	Municipality	Covington Township
Connection Status	-	County	Lackawanna
Date Application Received	June 2, 2025	EPA Waived?	Yes
Date Application Accepted	June 2, 2025	If No, Reason	-

Purpose of Application: Renewal of NPDES permit.

Summary of Review

The applicant is requesting renewal of an NPDES Permit to discharge up to 7,800 gpd of treated sewage into Spring Brook, a high-quality cold water and migratory fish (HQ-CWF, MF) receiving stream in State Water Plan basin 05-A (Lackawanna River). As per the Department's current existing use list, Spring Brook does not have an existing use classification that is more protective than its designated use.

The 2026 Pennsylvania Integrated Water Quality Monitoring and Assessment Report lists Spring Brook as 'Supporting' for special protection, fish consumption, and potable water supply. The discharge is approximately 4.5 miles upstream of the Watres Reservoir, a source of water supply for a large utility. The discharge is not expected to affect public water supplies.

A Water Quality Management permit issued by PA DEP or another previous entity was not located in the paper or microfiche files for the treatment system. Information from the most recent inspection report (dated 6/12/2025) was utilized to summarize treatment plant operations. The camp operates between June-August and discharges once each year; no sewage is discharged into the WWTP during the off season.

The inspection report indicates a forced manual discharge is conducted after the 8-week camp has closed for the season, however, eDMR results show discharges during the following months since the previously issued permit effective date: June 2021, June 2022, May 2023, May 2024, and June 2025. The inspection report discusses flows through the influent pipe observed at the time of inspection, which was attributed to I&I from recent heavy rains. Off-season standard procedure includes any I&I that fills the SBR tank to about 1 foot of freeboard triggers the need for facility staff to run the retained water through the chlorine contact tank and to the polishing pond. No chlorine disinfection is implemented in the off-season.

Approve	Deny	Signatures	Date
X		Brian Burden, E.I.T. / Project Manager	March 12, 2026
X		Edward Dudick, P.E. / Environmental Engineer Manager	March 12, 2026

Summary of Review

WWTP headworks is comprised of a comminuter and manual bar screen and the comminuter was inoperable at the time of the June 2025 inspection. Flow was being diverted through the manual bar screen. It was noted during the inspection that the comminuter was installed following original treatment system construction.

The inspection documented a leak allowing most of the supplied air to escape toward the beginning of the aeration tank. At the time, facility staff reported the air leak will be addressed before the camp is open for the season. Flows from the aeration tank are then conveyed to the chlorine contact tank via manually controlled valve. Chlorine tablets are utilized for disinfection and effluent from the contact tank is retained in the unlined polishing pond until the facility operator conducts a manual discharge through Outfall 001.

All limitations and monitoring requirements from the previously issued permit are carried over in this renewal. The $CBOD_5$, TSS, pH, Fecal Coliform, and TRC limitations are technology-based. Technology-based IMAX limitations for Fecal Coliform are added to the permit in accordance with 92a.47(a)(4) & 92a.47(a)(5). The Ammonia-N and DO limitations are water quality-based. The permittee is required to report results for Total Phosphorus, Total Nitrogen, Total Kjeldahl Nitrogen, and Nitrate+Nitrite-N on an annual basis, at a minimum. 1/year monitoring requirements for E. Coli are added to the permit as per current guidance.

Water quality modeling through WQM 7.0 and the TRC calculation spreadsheet didn't recommend more stringent limitations for any parameters. For modeling inputs, drainage areas and elevations were obtained from USGS StreamStats, and RMIs were obtained from the Department's eMapPA. The $Q_{7\text{-}10}$ estimate from StreamStats at a location on Spring Brook directly upstream of the Watres Reservoir was utilized.

All template Part C conditions from the previous permit are carried over in this renewal as well as the condition for discharge reporting. Template conditions for solids management (Part C.II) and the development / implementation of an operations and maintenance program (Part C.I.F) are added to the permit. The O&M program should address the discrepancies regarding the stated timeframes for discharging (after camp season), and the eDMR reported discharges (May – June, before camp season).

The existing NPDES permit expires on May 31, 2026 and the permit renewal application was submitted in a timely manner.

Sludge use and disposal description and location(s): The June 2025 inspection report states: *"Facility staff reported the last time sludge was hauled was in 2020. The small amount of sludge produced annually is retained at the bottom of the aeration tank until hauling is deemed required by the operator. The facility operator reported sludge hauling will be determined by visual observation of sludge blanket."*


WQM Modeling.pdf


TRC Calculation.pdf


Watershed Information.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)	0.0078
Latitude	41º 17' 44"	Longitude	-75º 32' 51"
Quad Name	Moscow	Quad Code	0841
Wastewater Description:	Effluent		

Receiving Waters	Spring Brook (HQ-CWF, MF)	Stream Code	28387
NHD Com ID	65632023	RMI	16.68
Drainage Area	1.16 mi^2	Yield (cfs/mi^2)	0.086
Q_{7-10} Flow (cfs)	0.099	Q_{7-10} Basis	USGS StreamStats
Elevation (ft)	1725	Slope (ft/ft)	0.016
Watershed No.	5-A	Chapter 93 Class.	HQ-CWF, MF
Existing Use	-	Existing Use Qualifier	-
Exceptions to Use	-	Exceptions to Criteria	-
Assessment Status	Attaining Use(s)		
Cause(s) of Impairment	-		
Source(s) of Impairment	-		
TMDL Status	-	Name	-

Background/Ambient Data		Data Source
pH (SU)	7	Default
Temperature (°C)	20	Default
Hardness (mg/L)	-	-
Other:	-	-

Nearest Downstream Public Water Supply Intake	Pennsylvania American Water – Watres Reservoir		
PWS Waters	Watres Reservoir	Flow at Intake (cfs)	-
PWS RMI	12.05	Distance from Outfall (mi)	~4.5

Treatment Facility Summary				
Treatment Facility Name: Jewish Community Center Day Camp				
Waste Type	**Degree of Treatment**	**Process Type**	**Disinfection**	**Avg Annual Flow (MGD)**
Sewage	Secondary	SBR	Chlorine	0.0078
Hydraulic Capacity (MGD)	**Organic Capacity (lbs/day)**	**Load Status**	**Biosolids Treatment**	**Biosolids Use/Disposal**
0.0078	-	Not Overloaded	Settled	Hauled

Development of Effluent Limitations

Outfall No. 001 **Design Flow (MGD)** 0.0078
Latitude 41º 17' 44" **Longitude** -75º 32' 51"
Wastewater Description: Effluent

Technology-Based Limitations

The following technology-based limitations apply, subject to water quality analysis and BPJ where applicable:

Pollutant	Limit (mg/l)	SBC	Federal Regulation	State Regulation
$CBOD_5$	25.0	Average Monthly	133.102(a)(4)(i)	92a.47(a)(1)
	50.0	IMAX	-	-
Total Suspended Solids	30.0	Average Monthly	133.102(b)(1)	92a.47(a)(1)
	60.0	IMAX	-	-
pH	6.0 – 9.0 S.U.	Min – Max	133.102(c)	95.2(1)
Fecal Coliform (5/1 – 9/30)	200 / 100 ml	Geo Mean	-	92a.47(a)(4)
	1,000 / 100 ml	IMAX	-	92a.47(a)(4)
Fecal Coliform (10/1 – 4/30)	2,000 / 100 ml	Geo Mean	-	92a.47(a)(5)
	10,000 / 100 ml	IMAX	-	92a.47(a)(5)
Total Residual Chlorine	0.5	Average Monthly	-	92a.48(b)(2)
	1.6	IMAX	-	-

Water Quality-Based Limitations

The following limitations were determined through water quality modeling:

Parameter	Limit (mg/l)	SBC	Model / Basis
Ammonia-N (5/1 – 10/31)	4.0	Average Monthly	Previous Modeling
	8.0	IMAX	
Ammonia-N (11/1 – 4/30)	12.0	Average Monthly	Previous Modeling
	24.0	IMAX	
Dissolved Oxygen	6.0	Minimum	Previous Modeling

Anti-Backsliding

No limitations were removed from the permit or made less stringent.

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Approve	Deny	Signatures	Date
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