

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

**NPDES PERMIT FACT SHEET
INDIVIDUAL SEWAGE**

Application No. PA0029653
 APS ID 507712
 Authorization ID 1320153

Applicant and Facility Information

Applicant Name	<u>Jewish Community Center Day Camp</u>	Facility Name	<u>Jewish Community Center Day Camp</u>
Applicant Address	<u>601 Jefferson Avenue</u> <u>Scranton, PA 18510</u>	Facility Address	<u>Route 502</u> <u>Daleville, PA 18444</u>
Applicant Contact	<u>Vince Kalinoski</u>	Facility Contact	<u>Vince Kalinoski</u>
Applicant Phone	<u>(570) 346-6595</u>	Facility Phone	<u>(570) 346-6595</u>
Client ID	<u>7845</u>	Site ID	<u>246103</u>
Ch 94 Load Status	<u>-</u>	Municipality	<u>Covington Township</u>
Connection Status	<u>-</u>	County	<u>Lackawanna</u>
Date Application Received	<u>July 9, 2020</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>July 23, 2020</u>	If No, Reason	<u>-</u>
Purpose of Application	<u>Renewal of an existing permit to discharge 7,800 gpd of treated sewage.</u>		

Summary of Review

The applicant is requesting renewal of NPDES Permit No. PA0029653 to authorize a discharge of 7,800 gpd of treated sewage from a minor sewage treatment plant into Spring Brook (HQ-CWF, MF) in State Water Plan Watershed 05-A. Spring Brook does not have an existing use classification. The 2018 Pennsylvania Integrated Water Quality Monitoring and Assessment Report lists Spring Brook as 'Supporting' for Aquatic Life, Fish Consumption, and Potable Water Supply. The discharge is approximately 4 miles upstream of Watres Reservoir, which is a source of supply for a large water utility. The discharge is not expected to affect public water supplies.

The Jewish Community Center Day Camp operates for approximately 2 months each year. The treatment train consists of the following: influent screen/comminutor, SBR, chlorine contact tank, and a polishing pond. The polishing pond discharges through a valve into Spring Brook. Chlorine tablets are used for disinfection. In 2019, the highest monthly average flow was 5,000 gpd in June.

Minimum measurement frequencies have been adjusted:

- The minimum measurement frequency for pH, Dissolved Oxygen, and Total Residual Chlorine (TRC) has changed from **1/week** to **'Daily When Discharging.'**
- The minimum measurement frequency for Flow has changed from **1/week** to **1/discharge**.
- The minimum measurement frequency for CBOD₅, Total Suspended Solids, Fecal Coliform, and Ammonia-Nitrogen has changed from **1/month** to **1/discharge**.

TRC limitations in the previously issued permit were old technology-based limitations (1.2 mg/L monthly average, 2.8 mg/L IMAX). As per PA Code 92a.47(a)(8), which references 92a.48(b)(2), a monthly average TRC facility-specific BAT effluent limit of 0.5 mg/L and an IMAX limit of 1.6 mg/L is applied to the permit. The new limits will go into effect 3 years after permit issuance.

Approve	Deny	Signatures	Date
X		Joseph Cherinko (signed) Joseph Cherinko, P.E. / Environmental Engineering Specialist	January 14, 2020
X		Amy M. Bellanca (signed) Amy M. Bellanca, P.E. / Environmental Engineer Manager	1-25-21

Summary of Review

Water quality modeling through WQM 7.0 supports retaining the existing CBOD5, Ammonia-Nitrogen, and Dissolved Oxygen limits; the existing limits are carried through into the new permit.

A Total Maximum Daily Load (TMDL) report for the Lackawanna River Watershed was approved by EPA on March 9, 2005 and it identifies abandoned mine drainage (AMD) as the primary cause of stream impairment. The TMDL addresses the following metals associated with AMD: Aluminum, Iron and Manganese; and low pH. This TMDL does not assign point source waste load allocations to any sewage treatment facilities and this discharge is not expected to contribute to the AMD impairment.

The application states that sludge/biosolids were not hauled from the facility in 2019.

The WMS query 'Inspections' was performed. A 'Routine/Partial Inspection' was performed on June 17, 2020; no violations were noted.

The WMS query 'Open Violations by Client Report' was performed; the applicant has 3 open violations, all dated 7/26/2019, in the Safe Drinking Water Program:

1. SDW – Other violations deemed to be significant deficiencies (Violation ID: 857123)
2. SDW – Circumstances exist which adversely affect the quantity or quality of water (Violation ID: 857124)
3. SDW – Failure to meet design and construction standards (Violation ID: 857125)

The existing NPDES permit expired on December 31, 2020. The application was received late on July 9, 2020.

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.	<u>001</u>	Design Flow (MGD)	<u>.0078</u>
Latitude	<u>41° 17' 44.53"</u>	Longitude	<u>-75° 32' 49.57"</u>
Quad Name	<u>Moscow</u>	Quad Code	<u>0841</u>
Wastewater Description: <u>Treated Sewage Effluent</u>			

Receiving Waters	<u>Spring Brook (HQ-CWF, MF)</u>	Stream Code	<u>28387</u>
NHD Com ID	<u>65632023</u>	RMI	<u>16.6</u>
Drainage Area	<u>1.1 mi²</u>	Yield (cfs/mi ²)	<u>0.053</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.058</u>	Q ₇₋₁₀ Basis	<u>USGS StreamStats</u>
Elevation (ft)	<u>1,732</u>	Slope (ft/ft)	<u>-</u>
Watershed No.	<u>5-A</u>	Chapter 93 Class.	<u>HQ-CWF, MF</u>
Existing Use	<u>-</u>	Existing Use Qualifier	<u>-</u>
Exceptions to Use	<u>-</u>	Exceptions to Criteria	<u>-</u>

Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u></u>		
Source(s) of Impairment	<u></u>		
TMDL Status	<u>Final</u>	Name	<u>Lackawanna River Watershed</u>

Background/Ambient Data		Data Source
pH (SU)	<u>-</u>	<u>-</u>
Temperature (°F)	<u>-</u>	<u>-</u>
Hardness (mg/L)	<u>-</u>	<u>-</u>
Other:	<u>-</u>	<u>-</u>

Nearest Downstream Public Water Supply Intake	<u>Watres Reservoir</u>		
PWS Waters	<u>Watres Reservoir</u>	Flow at Intake (cfs)	<u>UNK</u>
PWS RMI	<u>12.3</u>	Distance from Outfall (mi)	<u>4.3</u>

Treatment Facility Summary				
Treatment Facility Name: Jewish Community Center Day Camp				
WQM Permit No.		Issuance Date		
UNK		Application states the facility was permitted in 1965.		
Waste Type	Degree of Treatment	Process Type	Disinfection	Avg Annual Flow (MGD)
Sewage	Secondary	SBR	Hypochlorite Tablets	< 0.001 (2019)
Hydraulic Capacity (MGD)	Organic Capacity (lbs/day)	Load Status	Biosolids Treatment	Biosolids Use/Disposal
0.0078	UNK	-	-	-