

Application Type Renewal
Wastewater Type Sewage
Facility Type SFTF

**NPDES PERMIT FACT SHEET
INDIVIDUAL SFTF/SRSTP**

Application No. PA0055263
APS ID 1100734
Authorization ID 1461488

Applicant, Facility and Project Information

Applicant Name	<u>Executive Center Condo Association</u>	Facility Name	<u>Executive Center Condo Association STP</u>
Applicant Address	<u>350 S Main Street Suite 211 Doylestown, PA 18901-4873</u>	Facility Address	<u>5045 Swamp Road Fountainville, PA 18923-9649</u>
Applicant Contact	<u>Raymond Carr</u>	Facility Contact	<u>Daniel Wurst</u>
Applicant Phone	<u>(215) 345-9903</u>	Facility Phone	<u>(267) 718-4378</u>
Client ID	<u>44006</u>	Site ID	<u>459046</u>
SIC Code	<u>4952</u>	Municipality	<u>Plumstead Township</u>
SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>	County	<u>Bucks</u>
Date Application Received	<u>November 2, 2023</u>	WQM Required	<u></u>
Date Application Accepted	<u></u>	WQM App. No.	<u></u>
Project Description	<u>.Permit Renewal</u>		

Summary of Review

The permittee has submitted a renewal application for treated sewage discharge to unnamed tributary North Branch Neshaminy Creek through Outfall 001.

The facility consists of a small two manhole gravity collection system leading to a pump station that discharges to a Norweco ST-15 package extended aeration plant, followed by tertiary sand filter, and finally a 1000 – gallon chlorine contact tank prior to discharge to Outfall 001.

There are no changes to quality and quantity of the discharge, therefore previously established effluent limits and monitoring requirements are proposed in draft permit and listed on page 4 of this fact sheet.

A compliance evaluation was performed by Operations on 7/25/2023 with no violations noted.

Public Participation

Approve	Deny	Signatures	Date
X		<i>Christian French</i> Christian French / Environmental Engineering Specialist	February 26, 2024
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineering Manager	02/26/2024

Summary of Review

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 and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.001</u>
Latitude	<u>40° 20' 34.75"</u>	Longitude	<u>-75° 9' 2.61"</u>
Quad Name	_____	Quad Code	_____
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary of North Branch Neshaminy Creek (WWF, MF)</u>	Stream Code	_____
NHD Com ID	<u>25478716</u>	RMI	<u>0.2500</u>
Drainage Area	_____	Yield (cfs/mi ²)	_____
Q ₇₋₁₀ Flow (cfs)	_____	Q ₇₋₁₀ Basis	_____
Elevation (ft)	_____	Slope (ft/ft)	_____
Watershed No.	<u>2-F</u>	Chapter 93 Class.	<u>WWF, MF</u>
Existing Use	_____	Existing Use Qualifier	_____
Exceptions to Use	_____	Exceptions to Criteria	_____
Assessment Status	<u>Not Assessed</u>		
Cause(s) of Impairment	_____		
Source(s) of Impairment	_____		
TMDL Status	_____	Name	_____
Background/Ambient Data	Data Source		
pH (SU)	_____	_____	
Temperature (°F)	_____	_____	
Hardness (mg/L)	_____	_____	
Other:	_____	_____	
Nearest Downstream Public Water Supply Intake _____			
PWS Waters	_____	Flow at Intake (cfs)	_____
PWS RMI	_____	Distance from Outfall (mi)	_____

Changes Since Last Permit Issuance: None.

Other Comments:

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001), SOPs and/or BPJ.

Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/month	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
DO	XXX	XXX	2.0 Inst Min	XXX	XXX	XXX	1/month	Grab
TRC	XXX	XXX	XXX	1.2	XXX	2.5	1/month	Grab
CBOD5 Nov 1 - Apr 30	XXX	XXX	XXX	20	XXX	40	1/month	Grab
CBOD5 May 1 - Oct 31	XXX	XXX	XXX	10	XXX	20	1/month	Grab
TSS	XXX	XXX	XXX	10	XXX	20	1/month	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	1000	1/month	Grab
Ammonia Nov 1 - Apr 30	XXX	XXX	XXX	9.0	XXX	18	1/month	Grab
Ammonia May 1 - Oct 31	XXX	XXX	XXX	3.0	XXX	6	1/month	Grab
Total Phosphorus	XXX	XXX	XXX	Report	XXX	XXX	1/month	Grab

Compliance Sampling Location:

Other Comments: