

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

NPDES PERMIT FACT SHEET INDIVIDUAL SEWAGE

Application No. PA0051730
APS ID 1110440
Authorization ID 1478633

Applicant and Facility Information

Applicant Name	<u>Philadelphia Country Club</u>	Facility Name	<u>Philadelphia Country Club STP</u>
Applicant Address	<u>1601 Spring Mill Road</u> <u>Gladwyne, PA 19035-1020</u>	Facility Address	<u>1601 Spring Mill Road</u> <u>Gladwyne, PA 19035-1020</u>
Applicant Contact	<u>Grif Reigart</u>	Facility Contact	<u>Grif Reigart</u>
Applicant Phone	<u>(610) 525-6000</u>	Facility Phone	<u>(610) 525-6000</u>
Client ID	<u>44942</u>	Site ID	<u>239643</u>
Ch 94 Load Status	<u>Not Overloaded</u>	Municipality	<u>Lower Merion Township</u>
Connection Status	<u>No Limitations</u>	County	<u>Montgomery</u>
Date Application Received	<u>March 8, 2024</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>Renewal.</u>		

Summary of Review

The applicant has submitted NPDES permit renewal application to discharge of treated sewer into Sawmill Run (WWF, MF) through Outfall 001.

The facility consists of EQ tank, AE Tank, Clarifier, and Chlorine Contact Tank.

DEP has conducted 08/15/2023. No issues noted.

There are no changes in quality and quantity of the discharge, therefore previously established effluent limits and monitoring requirements along with addition of annual monitoring for E.Coli consistent with recent statewide regulations.

Sludge use and disposal description and location(s): William P McGovern.

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.

Approve	Deny	Signatures	Date
X		<i>Begay Omuralieva</i> Begay Omuralieva / Environmental Engineering Specialist	October 8, 2024
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	10/8/2024

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	.03
Latitude	40° 3' 35.90"	Longitude	-75° 17' 30.72"
Quad Name	Norristown	Quad Code	1843
Wastewater Description: Sewage Effluent from Philadelphia Country Club STP			
Receiving Waters	Sawmill Run (WWF, MF)	Stream Code	00923
NHD Com ID	25985374	RMI	1.1200
Drainage Area	0.3 square miles	Yield (cfs/mi²)	
Q7-10 Flow (cfs)	0.0375	Q7-10 Basis	
Elevation (ft)		Slope (ft/ft)	
Watershed No.	3-F	Chapter 93 Class.	WWF, 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	

Changes Since Last Permit Issuance: none

Compliance History

DMR Data for Outfall 001 (from September 1, 2023 to August 31, 2024)

Parameter	AUG-24	JUL-24	JUN-24	MAY-24	APR-24	MAR-24	FEB-24	JAN-24	DEC-23	NOV-23	OCT-23	SEP-23
Flow (MGD) Average Monthly	0.0185	0.0203	0.0199	0.0155	0.0157	0.0149	0.0167	0.0153	0.0153	0.0124	0.0143	0.0142
pH (S.U.) Instantaneous Minimum	6.6	7.0	6.8	6.8	6.7	6.7	6.8	6.9	7.0	7.1	6.5	7.3
pH (S.U.) Instantaneous Maximum	7.9	8.2	7.9	8.6	8.1	8.5	8.2	8.3	8.1	7.8	7.9	7.9
DO (mg/L) Minimum	4.7	5.3	4.2	4.0	5.4	6.5	6.0	5.1	4.1	4.3	4.0	4.6
TRC (mg/L) Average Monthly	0.3	0.3	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.2
TRC (mg/L) Instantaneous Maximum	0.5	0.5	0.48	0.7	0.5	0.8	1.1	1.1	1.0	1.2	1.1	0.4
CBOD5 (mg/L) Average Monthly	3	< 2	< 3	< 2	< 2	< 3	< 2	< 2.0	13	< 2	< 2	< 2
TSS (mg/L) Average Monthly	5	3	< 1	< 1	1	< 10	2	2	< 6	< 2	< 2	< 2
Fecal Coliform (CFU/100 ml) Geometric Mean	138	151	134	< 10	78	337	235	65	302	31	22	< 2
Fecal Coliform (CFU/100 ml) Instantaneous Maximum	351	440	320	48	94	1350	250	66	520	33	48	< 2
Total Nitrogen (mg/L) Average Monthly	< 11.9	< 13.3	< 10.16	< 14.4	< 14.3	< 9.5	5.25	< 4.49	< 4.84	< 9.1	< 8.07	< 7.25
Ammonia (mg/L) Average Monthly	0.1	0.1	0.1	< 0.1	0.1	0.4	< 0.2	< 0.1	1.0	< 0.02	0.1	0.1
Total Phosphorus (mg/L) Average Monthly	1.44	1.85	2.01	2.24	1.85	1.32	0.53	0.5	0.91	0.81	0.77	1.1

Compliance History

Effluent Violations for Outfall 001, from: October 1, 2023 To: August 31, 2024

Parameter	Date	SBC	DMR Value	Units	Limit Value	Units
Fecal Coliform	12/31/23	Geo Mean	302	CFU/100 ml	200	CFU/100 ml
Fecal Coliform	02/29/24	Geo Mean	235	CFU/100 ml	200	CFU/100 ml
Fecal Coliform	03/31/24	Geo Mean	337	CFU/100 ml	200	CFU/100 ml
Fecal Coliform	03/31/24	IMAX	1350	CFU/100 ml	1000	CFU/100 ml

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" (386-0400-001), 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	Continuous	Metered
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/day	Grab
DO	XXX	XXX	4.0 Inst Min	XXX	XXX	XXX	1/day	Grab
TRC	XXX	XXX	XXX	0.5	XXX	1.2	1/day	Grab
CBOD5	XXX	XXX	XXX	25	XXX	50	2/month	8-Hr Composite
TSS	XXX	XXX	XXX	30	XXX	60	2/month	8-Hr Composite
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	1000	2/month	Grab
E. Coli (No./100 ml)	XXX	XXX	XXX	Report Annl Avg	XXX	XXX	1/year	Grab
Total Nitrogen	XXX	XXX	XXX	Report	XXX	XXX	2/month	8-Hr Composite
Ammonia Nov 1 - Apr 30	XXX	XXX	XXX	9.0	XXX	18	2/month	8-Hr Composite
Ammonia May 1 - Oct 31	XXX	XXX	XXX	3.0	XXX	6	2/month	8-Hr Composite
Total Phosphorus	XXX	XXX	XXX	Report	XXX	XXX	2/month	8-Hr Composite

Compliance Sampling Location: Outfall 001



Approve	Deny	Signatures	Date
X		<i>Begay Omuralieva</i> Begay Omuralieva / Environmental Engineering Specialist	October 8, 2024
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	10/8/2024