

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

**NPDES PERMIT FACT SHEET
INDIVIDUAL SEWAGE**

Application No. PA0057908
 APS ID 1149666
 Authorization ID 1547787

Applicant and Facility Information

Applicant Name	<u>Jericho National Golf Club, Inc.</u>	Facility Name	<u>Jericho National Golf Club STP</u>
Applicant Address	<u>250 Brownsburg Road East</u> <u>New Hope, PA 18938</u>	Facility Address	<u>250 Brownsburg Road East</u> <u>New Hope, PA 18938</u>
Applicant Contact	<u>Raymond Sowden</u>	Facility Contact	<u>Justin Nevadomski</u>
Applicant Phone	<u>(215) 862-8800</u>	Facility Phone	<u>(215) 766-2626</u>
Client ID	<u>91193</u>	Site ID	<u>455959</u>
Ch 94 Load Status	<u></u>	Municipality	<u>Upper Makefield Township</u>
Connection Status	<u></u>	County	<u>Bucks</u>
Date Application Received	<u>October 30, 2025</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>Permit Renewal.</u>		

Summary of Review

The applicant requests renewal of NPDES permit to discharge 4,220 GPD of treated sewage from the sewage treatment plant serving Jericho National Golf Club into unnamed tributary to Jericho Creek. The treatment plant serves the club house, locker room, restaurant, and banquet facility. The discharge is on the on-site pond, which is used for stormwater retention and irrigation supply for the Golf Club.

The sewage treatment plant consists of an equalization tank, a clarifier, two tertiary filters, chlorine contact tank, de-chlorination and sludge holding tank. The effluent limits are based on protection of human health and groundwater protection as the discharge is into on-site pond to be used for spray irrigation of golf course. Effluent limits for all other parameters will remain the same. The discharge is generally in compliance with permit limits. We have included monitoring requirement for E. Coli for this permit renewal, and it is consistent with SOP.

The discharge is in the "Special Protection Waters" (SPW) of Delaware River. Therefore, any expansion of the treatment plant or increase in the flow will result in recalculation of the limits under SPW requirements.

Approve	Deny	Signatures	Date
X		<i>Ketan Thaker</i> Ketan Thaker / Project Manager	2/13/2026
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	02/13/2026

Summary of Review

The following are effluent limits:

PARAMETERS	EFFLUENT LIMITS (Av. Mo. In mg/l)	BASIS
CBOD5 (05/01 to 10/31)	10	Human Health and GW Protection
CBOD5 (11/01 to 04/30)	20	Human Health and GW Protection
Total Suspended Solids	10	Human Health and GW Protection
Ammonia (05/01 to 10/31)	3.0	Human Health and GW Protection
Ammonia (11/01 to 04/30)	9.0	Human Health and GW Protection
Phosphorus as P	Report	25 Pa Code 92a.61
Fecal Coliform (/100 ml)	200#/100 ml (Geo. Mean)	92a.47
Dissolved Oxygen	4.0 (Minimum)	BPJ
pH (Standard Units – SU)	6.0 to 9.0 STD	92a.47, 95.2
Total Residual Chlorine	0.5	92a.47-48
Total Nitrogen	Report	92a.61
E. Coli	Report	92a.47

Act-14 Notification to Upper Makefield Township on October 28, 2025.
 Act-14 Notification to Bucks County Commissioners on October 28, 2025.

Sludge use and disposal description and location(s): Sludge is hauled off-site for disposal by George Allen Wastewater Management Contractor.

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>.0042</u>
Latitude	<u>40° 18' 23.71"</u>	Longitude	<u>-74° 55' 47.45"</u>
Quad Name	<u></u>	Quad Code	<u></u>
Wastewater Description: <u>Sewage Effluent</u>			

Receiving Waters	<u>Unnamed Tributary to Jericho Creek (WWF, MF)</u>	Stream Code	<u>02981</u>
NHD Com ID	<u>26044006</u>	RMI	<u>0.4</u>
Drainage Area	<u></u>	Yield (cfs/mi ²)	<u></u>
Q ₇₋₁₀ Flow (cfs)	<u></u>	Q ₇₋₁₀ Basis	<u></u>
Elevation (ft)	<u></u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>2-E</u>	Chapter 93 Class.	<u>WWF, MF</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>

Assessment Status Attaining Use(s)

Cause(s) of Impairment

Source(s) of Impairment

TMDL Status Name

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

Nearest Downstream Public Water Supply Intake

PWS Waters	<u></u>	Flow at Intake (cfs)	<u></u>
PWS RMI	<u></u>	Distance from Outfall (mi)	<u></u>

Compliance History

DMR Data for Outfall 001 (from December 1, 2024 to November 30, 2025)

Parameter	NOV-25	OCT-25	SEP-25	AUG-25	JUL-25	JUN-25	MAY-25	APR-25	MAR-25	FEB-25	JAN-25	DEC-24
Flow (GPD) Average Monthly	0.00136 7	0.00247 3	0.00168 6	0.00143 3	0.00147 4	0.00184 1	0.00183 1	0.00157 7	0.00136 7	0.00139 8	0.00134 9	0.00139 9
pH (S.U.) Instantaneous Minimum	6.81	6.86	6.62	6.98	7.17	7.21	7.05	7.28	7.1	7.07	7.24	7.14
pH (S.U.) Instantaneous Maximum	7.18	7.35	7.15	7.35	7.96	7.68	7.56	7.51	7.55	7.69	8.04	7.38
DO (mg/L) Instantaneous Minimum	7.91	7.5	7.17	7.57	6.83	7.32	8.2	8.62	8.29	9.28	9.48	8.69
TRC (mg/L) Average Monthly	< 0.01	< 0.05	< 0.02	< 0.03	< 0.02	< 0.02	< 0.02	< 0.02	< 0.03	< 0.03	0.1	0.01
TRC (mg/L) Instantaneous Maximum	0.01	0.1	0.04	0.09	0.03	0.03	0.06	0.03	0.11	0.06	0.3	0.02
CBOD5 (mg/L) Average Monthly	< 3.2	< 10.6	< 4.6	3.3	4.5	12.7	3.6	3.8	< 6.4	< 5.7	< 2.0	< 2.0
TSS (mg/L) Average Monthly	< 1.0	< 6.0	8.0	11.0	6.0	18.0	< 4.0	4.0	5.0	< 3.0	< 1.0	4.0
Fecal Coliform (No./100 ml) Geometric Mean	81.0	13.0	< 19.0	27.0	9.0	< 70.0	< 9.0	< 31.0	8.0	< 2.0	< 2.0	< 3.0
Fecal Coliform (No./100 ml) Instantaneous Maximum	280.0	54.0	66.0	84.0	23.0	510.0	56.0	250.0	56.0	< 2.0	< 2.0	16.0
Total Nitrogen (mg/L) Average Monthly	< 49.9	< 49.97	< 49.19	< 52.41	< 57.59	< 49.44	< 44.11	< 45.06	< 34.28	< 7.87	< 17.22	< 15.2
Ammonia (mg/L) Average Monthly	0.1	0.5	0.3	0.1	< 0.04	< 0.04	0.7	0.3	0.3	0.8	0.1	0.1
Total Phosphorus (mg/L) Average Monthly	5.73	6.96	7.74	6.99	7.76	7.49	7.01	4.71	4.18	1.53	2.61	1.75

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 (GPD)	Report	XXX	XXX	XXX	XXX	XXX	1/week	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/week	Grab
DO	XXX	XXX	4.0 Inst Min	XXX	XXX	XXX	1/week	Grab
TRC	XXX	XXX	XXX	0.5	XXX	1.2	1/week	Grab
CBOD5 Nov 1 - Apr 30	XXX	XXX	XXX	20.0	XXX	40	2/month	8-Hr Composite
CBOD5 May 1 - Oct 31	XXX	XXX	XXX	10.0	XXX	20	2/month	8-Hr Composite
TSS	XXX	XXX	XXX	10.0	XXX	20	2/month	8-Hr Composite
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	200.0 Geo Mean	XXX	1000.0	1/week	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200.0 Geo Mean	XXX	1000.0	1/week	Grab
E. Coli (No./100 ml)	XXX	XXX	XXX	XXX	XXX	Report	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

Outfall 001 , Continued (from 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		
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