Pennsylvania Department of Environmental Protection

Northcentral Regional Office
CLEAN WATER PROGRAM

NPDES PERMIT FACT SHEET INDIVIDUAL SEWAGE

Application Type	**Renewal**	Application No.	**PA0209589**
Facility Type	**Municipal**	APS ID	**1112671**
Major / Minor	**Minor**	Authorization ID	**1482558**

Applicant and Facility Information

Applicant Name	**Girard Township Municipal Authority**	Facility Name	**Girard Township STP**
Applicant Address	165 Girard Circle	Facility Address	Bald Hill Station Road
	Lecontes Mills, PA 16850-9730		Le Contes Mills, PA 16850
Applicant Contact	Mike Hoover	Facility Contact	Mike Hoover
Applicant Phone	814-263-4126	Facility Phone	(814) 263-4126
Client ID	26892	Site ID	482890
Ch 94 Load Status	Not Overloaded	Municipality	Girard Township
Connection Status	No Limitations	County	Clearfield
Date Application Received	April 29, 2024	EPA Waived?	Yes
Date Application Accepted	May 13, 2024	If No, Reason	

Purpose of Application: Renewal of Existing NPDES permit.

Summary of Review

Girard Township Municipal Authority has submitted an application for the renewal of the existing NPDES Permit PA0209589 for the Department's 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.

Approve	Deny	Signatures	Date
X		*Chad A. Fabian* Chad A. Fabian / Project Manager	February 18, 2026
X		*Nicholas W. Hartranft, P.E.* Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	February 20, 2026

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001	Design Flow (MGD)	0.030
Latitude	41º 4' 8.39"	Longitude	-78º 18' 14.14"
Quad Name	Lecontes Mills	Quad Code	1019
Wastewater Description:	Sewage Effluent		
Receiving Waters	Bald Hill Run	Stream Code	26028
NHD Com ID	61829759	RMI	0.16
Drainage Area (mi^2)	2.66	Yield (cfs/mi^2)	0.102
Q_{7-10} Flow (cfs)	0.27	Q_{7-10} Basis	Reference Gage:1542500
Elevation (ft)	1040	Slope (ft/ft)	0.08
Watershed No.	8-C	Chapter 93 Class.	CWF
Existing Use	CWF	Existing Use Qualifier	N/A
Exceptions to Use	None	Exceptions to Criteria	None
Assessment Status	Impaired		
Cause(s) of Impairment	Metals, THERMAL MODIFICATIONS		
Source(s) of Impairment	ACID MINE DRAINAGE, INDUSTRIAL POINT SOURCE DISCHARGE		
TMDL Status	Final	Name	West Branch Susquehanna
Nearest Downstream Public Water Supply Intake	PA American Water (White Deer)		
PWS Waters	West Branch Susquehanna River	Flow at Intake (cfs)	682
PWS RMI	10.5	Distance from Outfall (mi)	144

TMDL Impairment

The Department's Geographic Information System (GIS) shows that Bald Hill Run is impaired due to pH and metals as a result of acid mine drainage. The receiving stream is part of the West Branch Susquehanna River Watershed TMDL but no Waste Load Allocations (WLA) currently exist for this discharge or stream segment. It is expected that this discharge will not cause or contribute to an in-stream excursion above water quality standards. Therefore, no further TMDL considerations have been taken into consideration during this review.

Treatment Facility Summary

Treatment Facility Name: Girard Township Collection & Treatment Facility
Tributary Sewer System Information: The Girard Township Municipal Authority Sewage Plant serves the Village of Bald Hill and nearby areas.

WQM Permit No.	Issuance Date	Comments
1798402	**7/1/1998**	Original construction.
1798402-A1	1/20/2000	Change from oxidation ditch to Bio-wheel plant.

Waste Type	Degree of Treatment	Process Type	Disinfection	Avg Annual Flow (MGD)
Sewage	Secondary	Rotating Biological Contactors	Hypochlorite	0.030000
Hydraulic Capacity (MGD)	**Organic Capacity (lbs/day)**	**Load Status**	**Biosolids Treatment**	**Biosolids Use/Disposal**
0.030000	46.3	Not Overloaded	Digester	Other WWTP

Treatment System Components:
- One (1) Influent wet well.
- One (1) Manual bar screen.
- Two (2) Influent grinder pumps.
- One (1) Influent flow meter.
- One (1) Bio-wheel.
- One (1) Clarifier.
- One (1) Sludge return.
- One (1) Erosion chlorinator disinfection system.
- One (1) Chlorine contact tank.
- One (1) Aeration chamber.
- One (1) Outfall 001.

- One (1) Anaerobic digester w/ two (2) blowers.

Sludge is taken to the Clearfield Municipal WWTP.

Changes Since Last Permit Issuance: None.

Compliance History	
Summary of eDMRs:	A review of the previous 12 months of eDMR was reviewed and can be viewed on the table on the next page. Two effluent violations were noted for fecal coliforms. One exceedance in January of 2025 and in December of 2025. No other effluent violations have occurred in the past year.
Summary of Inspections:	The Department's most recent inspection in WMS was performed on 11/18/2025. No violations were found during the inspection.

Other Comments: No open violations exist according to a WMS open violations query.

Compliance History

DMR Data for Outfall 001 (from January 1, 2025 to December 31, 2025)

Parameter	DEC-25	NOV-25	OCT-25	SEP-25	AUG-25	JUL-25	JUN-25	MAY-25	APR-25	MAR-25	FEB-25	JAN-25
Flow (MGD) Average Monthly	0.00470 2	0.00537 6	0.00588 6	0.00657 9	0.00558 4	0.00592 6	0.00639 7	0.00940 6	0.00786 3	0.00491 5	0.00670 33	0.00469 9
pH (S.U.) Instantaneous Minimum	6.8	6.8	6.7	6.9	7.0	6.8	7.0	7.0	6.9	6.8	7.0	7.0
pH (S.U.) Instantaneous Maximum	7.0	7.0	7.1	7.1	7.0	7.3	7.1	7.1	7.1	7.1	7.1	7.2
DO (mg/L) Instantaneous Minimum	5.0	5.0	5.1	5.1	5.1	5.0	5.0	5.0	5.1	5.1	5.1	5.1
TRC (mg/L) Average Monthly	0.4	0.4	0.4	0.4	0.4	0.5	0.3	0.4	0.3	0.3	0.4	0.4
TRC (mg/L) Instantaneous Maximum	0.9	0.8	0.7	0.9	0.8	0.9	0.8	0.7	0.7	0.7	0.8	0.8
CBOD5 (mg/L) Average Monthly	21.1	< 3.4	< 2.48	< 2.06	< 2.78	< 3.54	< 2.3	< 2.0	6.78	< 3.68	5.13	4.94
CBOD5 (mg/L) Weekly Average	31.1	4.4	2.55	2.11	3.16	8.33	2.6	< 2.0	10.0	4.95	7.53	5.61
BOD5 (mg/L) Raw Sewage Influent Average Monthly	210	264	166.0	194.0	236	144	322	101.0	225	126.0	173	164
TSS (lbs/day) Average Monthly	1.0	0.5	0.5	0.6	1.0	0.5	0.7	0.3	0.9	< 0.2	0.9	0.5
TSS (mg/L) Average Monthly	26.6	7.5	11.19	7.67	18.5	7.5	13.3	5.0	13.0	< 4.0	17.8	9.0
TSS (mg/L) Raw Sewage Influent Average Monthly	157	135	70.0	227	217	77.0	312	57.0	186	132.0	214	120
TSS (mg/L) Weekly Average	34.0	8.8	12.7	10.0	21.2	8.33	19.0	7.0	16.0	5.5	18.5	12.0
Fecal Coliform (No./100 ml) Instantaneous Maximum	> 2419.6	< 5	< 1.0	1.0	3.1	10.7	2.0	< 1.0	< 5.0	< 1.0	< 5.0	8664.5
Ammonia (mg/L) Average Monthly	5.345	< 0.4243	0.5749	1.1909	2.068	4.41	1.817	1.1446	0.6676	0.63385	0.5368	1.265

Development of Effluent Limitations			
Outfall No.	001	**Design Flow (MGD)**	.03
Latitude	41º 4' 15.00"	**Longitude**	-78º 18' 16.00"
Wastewater Description:	Sewage 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	Average Monthly	133.102(a)(4)(i)	92a.47(a)(1)
	40	Average Weekly	133.102(a)(4)(ii)	92a.47(a)(2)
Total Suspended Solids	30	Average Monthly	133.102(b)(1)	92a.47(a)(1)
	45	Average Weekly	133.102(b)(2)	92a.47(a)(2)
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)
Fecal Coliform (5/1 – 9/30)	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)
Fecal Coliform (10/1 – 4/30)	10,000 / 100 ml	IMAX	-	92a.47(a)(5)
Total Residual Chlorine	0.5	Average Monthly	-	92a.48(b)(2)

Water Quality-Based Limitations

Since there have been no changes to the watershed or the facility, the previous WQM 7.0 modeling results shall be utilized. The model was previously run using the Q7-10 stream flow, background water quality, average annual design flow, and other discharge characteristics. The existing technology based effluent limits for $CBOD_5$ (25 mg/l) and NH3-N (25 mg/l; BPJ) were used as inputs for the modeling. The DO minimum daily average criterion from §93.7 (6.0 mg/L for CWF) was used for the in-stream objective for the model. The summary of the output is as follows:

Parameter	Effluent Limit		
	30 Day Average	Maximum	Minimum
CBOD5	25	N/A	N/A
Ammonia-N	14.71	29.42	N/A
Dissolved Oxygen	N/A	N/A	3

The previous model did not recommend water-quality based effluent limitations with regards to CBOD5 and dissolved oxygen. However, the model did recommend water quality-based effluent limits for ammonia-nitrogen as shown above. These effluent limits were previously implemented and will remain. The WQM 7.0 model is attached

Due to the size of the facility and no industrial users within the system, the applicant was not required to sample for toxics. Therefore, toxic modeling using the Department's Toxic Management Spreadsheet (TMS) is not required. A previous TRC model showed the above technology standard is protective of water quality standards.

Chesapeake Bay Requirements

Since this facility's annual average design flow is 0.03 MGD, the permittee was previously required to monitor and report TN and TP throughout a permit term at a frequency no less than annually in accordance with the Phase III WIP Chesapeake Bay Strategy for Phase V facilities (0.002 MGD to 0.2 MGD). Sampling was performed from 2014 through 2018 and the results were summarized in the previous fact sheet. Since the permittee conducted this monitoring previously and the data was summarized, the WIP requirements have been met and Chesapeake Bay monitoring is no longer required.

Anti-Backsliding

In accordance with 40 CFR 122.44(l)(1) and (2), this permit does not contain effluent limitations, standards, or conditions that are less stringent than the previous permit.

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	Weekly Average	Minimum	Average Monthly	Weekly Average	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	5.0 Inst Min	XXX	XXX	XXX	1/day	Grab
TRC	XXX	XXX	XXX	1.0	XXX	2.7	1/day	Grab
CBOD5	6.3	10.0	XXX	25.0	40.0	50	2/month	8-Hr Composite
BOD5 Raw Sewage Influent	Report	Report Daily Max	XXX	Report	XXX	XXX	2/month	8-Hr Composite
TSS	7.5	11.0	XXX	30.0	45.0	60	2/month	8-Hr Composite
TSS Raw Sewage Influent	Report	Report Daily Max	XXX	Report	XXX	XXX	2/month	8-Hr Composite
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	10000	2/month	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	1000	2/month	Grab
Ammonia Nov 1 - Apr 30	3.6	5.5	XXX	14.5	22.0	29	2/month	8-Hr Composite
Ammonia May 1 - Oct 31	Report	XXX	XXX	Report	XXX	XXX	2/month	8-Hr Composite

All of the above effluent limitations and monitoring frequencies are the same as the existing permit. It is recommended the permit be drafted as described herein.

Appendices