

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

**NPDES PERMIT FACT SHEET
INDIVIDUAL SEWAGE
SECOND DRAFT**

Application No. PA0061603
APS ID 617436
Authorization ID 1212476

Applicant and Facility Information

Applicant Name	<u>Eagle Lake Community Association</u>	Facility Name	<u>Eagle Lake Community Association WWTP</u>
Applicant Address	<u>PO Box 305</u> <u>Gouldsboro, PA 18424-0305</u> <u>Paula Perry, Director of Operations and Project Management</u>	Facility Address	<u>Off Route 435, Approx. one mile from entrance gate</u> <u>Gouldsboro, PA 18424-0305</u>
Applicant Contact	<u>Paula Perry, Director of Operations and Project Management</u>	Facility Contact	<u>Tara Roche, ESC Contact</u>
Applicant Phone	<u>(570) 842-7672</u>	Facility Phone	<u>(570) 422-1240</u>
Client ID	<u>43621</u>	Site ID	<u>604909</u>
Ch 94 Load Status	<u>Not Overloaded</u>	Municipality	<u>Covington Township</u>
Connection Status	<u>-</u>	County	<u>Lackawanna</u>
Date Application Received	<u>October 20, 2017</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>January 5, 2018</u>	If No, Reason	<u>-</u>
Purpose of Application	<u>Renewal of NPDES permit for discharge of treated sewage.</u>		

Summary of Review

A first draft of this permit appeared in the PA Bulletin on April 6, 2019.

The final NPDES permit could not be issued due to open violations. The open violations have since been resolved. A second draft of the NPDES Permit is being issued because 6 months (or 180 days) have elapsed since the first draft has been issued.

Sewage discharges now require monitoring and reporting for E. Coli. A monitoring frequency of 1/month for design flows \geq 1 MGD, 1/quarter for design flows \geq 0.05 and $<$ 1 MGD, 1/year for design flows of 0.002 – 0.05 MGD will be utilized and have been added to the permit.

The standard template/wording of the NPDES Permit was revised in August 2021. The updated version has been used for this second draft. Modeling was re-run; the same limitations were recommended. Therefore, all limitations have been carried over from the first draft. The monitoring frequencies for pH, Total Residual Chlorine (TRC), and Dissolved Oxygen (DO) have been updated to "Daily when Discharging".

Updated Client and Site/Facility contact information was obtained from the permittee. The updates were included in this second draft.

Please note that on August 28, 2021, updated NPDES regulations at 25 Pa. Code § 92a.62 related to annual fees became effective. The facility covered by the permit is classified in the Minor Sewage Facility \geq 0.05 and $<$ 1 MGD fee category, which has an annual fee of \$1,000. Invoices for annual fees will be mailed to permittees approximately three months prior to the due date, which is the anniversary of the effective date of your latest new or reissued permit prior to August 28, 2021.

Approve	Deny	Signatures	Date
X		/s/ Allison Seyfried / Project Manager	December 21, 2023
X		/s/ Amy M. Bellanca, P.E. / Program Manager	1-11-24

Summary of Review

Please review Part A of your permit related to annual fees. These annual fees are effective now and may be billed before your draft permit is finalized, unless your facility is exempt from these fees under 25 Pa. Code § 92a.62.

DMR Data from November 1, 2022 to October 31, 2023 and the Compliance History from December 1, 2022 to October 31, 2023 have both been provided in this fact sheet for reference.

Compliance History

DMR Data for Outfall 001 (from November 1, 2022 to October 31, 2023)

Parameter	OCT-23	SEP-23	AUG-23	JUL-23	JUN-23	MAY-23	APR-23	MAR-23	FEB-23	JAN-23	DEC-22	NOV-22
Flow (MGD) Average Monthly	0.069	0.1991	0.11856	0.0912	0.13682 4	0.2064	0.14829	0.1877	0.1579	0.2027	0.23573 3	0.17960 9
Flow (MGD) Daily Maximum	0.27356	0.29331 1	0.31718	0.28669	0.24883 9	8.85	0.23679	0.3273	0.234	0.3119	0.40212	0.23803 0
pH (S.U.) Minimum	6.08	6.18	6.33	6.37	6.34	6.47	7.92	6.55	6.36	6.91	6.1	6.58
pH (S.U.) Maximum	8.87	7.54	9.0	8.86	8.47	8.85	8.97	8.54	8.24	7.58	7.52	9.0
DO (mg/L) Minimum	10.04	9.43	9.24	8.79	9.87	13.24	12.44	14.53	14.03	14.2	13.41	12.69
TRC (mg/L) Average Monthly	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
TRC (mg/L) Instantaneous Maximum	0.01	0.01	0.01	0.01	0.02	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
CBOD5 (lbs/day) Average Monthly	< 5.2	< 293.0	< 19.2	15.1	< 125.8	< 5.5	3.1	< 3.00	< 4.1	< 4.84	< 7.41	< 3.00
CBOD5 (mg/L) Average Monthly	< 3.2	< 6.7	< 15.1	11.1	< 3.00	< 3.1	3.06	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00
TSS (lbs/day) Average Monthly	< 4.7	< 57.3	34.2	21.4	< 132.7	< 11.1	3.1	14.36	9.7	10.85	24.455	4.25
TSS (mg/L) Average Monthly	< 2.8	< 31.8	29.0	15.2	< 3.4	< 5.8	3.13	7.5	7.4	6.71	8.8	4.25
Fecal Coliform (CFU/100 ml) Geometric Mean	< 1.00	< 41	< 4.0	< 1.0	< 1.00	< 1	< 1.00	< 1.00	3.00	< 1.0	< 3.00	< 1.00
Fecal Coliform (CFU/100 ml) Instantaneous Maximum	< 1.00	547.5	69.7	< 1.00	< 1.00	1	< 1.00	< 1.00	12.2	< 1.0	< 3.00	< 1.00
Nitrate-Nitrite (lbs/day) Average Monthly	4.0	< 10.8	0.3	12.1	< 3540.8	12.2	3.4	5.585	< 4.0	2.14	10.65	10.3
Nitrate-Nitrite (mg/L) Average Monthly	2.4	< 6.2	0.3	0.3	< 60.8	0.1	3.41	3.1	< 2.7	1.3	4.9	10.3
Total Nitrogen (lbs/day) Average Monthly	12.00	< 31	61.0	76	< 3646.0	16	12.81	8.478	< 7.0	< 0.04	14.49	11.57
Total Nitrogen (mg/L) Average Monthly	7.49	< 34.282	48.499	55.6	< 63.58	9.842	11.13	5.2395	< 5.2088	< 0.025	6.62	11.57

**NPDES Permit Fact Sheet
Eagle Lake Community Association WWTP**

NPDES Permit No. PA0061603

Ammonia (lbs/day) Average Monthly	3.2	< 9.3	28.6	38.8	42.8	3.4	3.5	1.1025	3.00	4.302	2.615	0.776
Ammonia (mg/L) Average Monthly	2.0	< 14.0	22.9	28.2	1.2	2.4	3.49	0.9	1.7	0.9875	1.2	0.776
TKN (lbs/day) Average Monthly	4.0	11	32.0	37	62	4	4.87	1.68	4.0	5.014	3.87	1.27
TKN (mg/L) Average Monthly	2.4	14.116	25.4	26.7	1.609	2.56	4.23	1.233	1.96	1.364	1.72	1.27
Total Phosphorus (lbs/day) Average Monthly	0.06	1.6	0.8	0.9	< 2.7	0.08	0.03	0.127	0.04	0.0535	0.2085	0.0349
Total Phosphorus (mg/L) Average Monthly	0.04	0.7	0.7	0.7	< 0.1	0.1	0.0307	0.1	0.03	0.03	0.1	0.0349

Compliance History

Effluent Violations for Outfall 001, from: December 1, 2022 To: October 31, 2023

Parameter	Date	SBC	DMR Value	Units	Limit Value	Units
CBOD5	06/30/23	Avg Mo	< 125.8	lbs/day	42.0	lbs/day
CBOD5	09/30/23	Avg Mo	< 293.0	lbs/day	42.0	lbs/day
CBOD5	06/30/23	Avg Mo	< 125.8	lbs/day	42.0	lbs/day
CBOD5	07/31/23	Avg Mo	11.1	mg/L	10	mg/L
CBOD5	07/31/23	Avg Mo	11.1	mg/L	10	mg/L
CBOD5	08/31/23	Avg Mo	< 15.1	mg/L	10	mg/L
CBOD5	07/31/23	Avg Mo	11.1	mg/L	10	mg/L
TSS	09/30/23	Avg Mo	< 57.3	lbs/day	42.0	lbs/day
TSS	06/30/23	Avg Mo	< 132.7	lbs/day	42.0	lbs/day
TSS	06/30/23	Avg Mo	< 132.7	lbs/day	42.0	lbs/day

NPDES Permit Fact Sheet
Eagle Lake Community Association WWTP

NPDES Permit No. PA0061603

TSS	07/31/23	Avg Mo	15.2	mg/L	10	mg/L
TSS	08/31/23	Avg Mo	29.0	mg/L	10	mg/L
TSS	09/30/23	Avg Mo	< 31.8	mg/L	10	mg/L
TSS	07/31/23	Avg Mo	15.2	mg/L	10	mg/L
TSS	07/31/23	Avg Mo	15.2	mg/L	10	mg/L
Nitrate-Nitrite	06/30/23	Avg Mo	< 3540.8	lbs/day	42.0	lbs/day
Nitrate-Nitrite	06/30/23	Avg Mo	< 3540.8	lbs/day	42.0	lbs/day
Nitrate-Nitrite	06/30/23	Avg Mo	< 60.8	mg/L	10.0	mg/L
Nitrate-Nitrite	06/30/23	Avg Mo	< 60.8	mg/L	10.0	mg/L
Ammonia	07/31/23	Avg Mo	38.8	lbs/day	10.5	lbs/day
Ammonia	07/31/23	Avg Mo	38.8	lbs/day	10.5	lbs/day
Ammonia	08/31/23	Avg Mo	28.6	lbs/day	10.5	lbs/day
Ammonia	07/31/23	Avg Mo	38.8	lbs/day	10.5	lbs/day
Ammonia	06/30/23	Avg Mo	42.8	lbs/day	10.5	lbs/day
Ammonia	06/30/23	Avg Mo	42.8	lbs/day	10.5	lbs/day
Ammonia	07/31/23	Avg Mo	28.2	mg/L	2.5	mg/L
Ammonia	08/31/23	Avg Mo	22.9	mg/L	2.5	mg/L
Ammonia	09/30/23	Avg Mo	< 14.0	mg/L	2.5	mg/L
Ammonia	07/31/23	Avg Mo	28.2	mg/L	2.5	mg/L
Ammonia	07/31/23	Avg Mo	28.2	mg/L	2.5	mg/L

SECOND DRAFT

Approve	Deny	Signatures	Date
X		/s/ Allison Seyfried / Project Manager	December 21, 2023
X		/s/ Amy M. Bellanca, P.E. / Program Manager	1-11-24