

PA0021806, Sewage, SIC Code 4952, **Annville Township Authority**, PO Box 178, Annville, PA 17003-0178.
 Facility Name: Annville Township STP. This existing facility is located in Annville Township, **Lebanon County**.

DEP Office: **Southcentral Regional Office**

Description of Existing Activity: The application is for a renewal of an NPDES permit for an existing discharge of treated Sewage.

The receiving stream(s), Quittapahilla Creek (TSF, MF) and Quittapahilla Creek (TSF), is located in State Water Plan watershed 7-D and is classified for Trout Stocking and Migratory Fishes, aquatic life, water supply and recreation. The discharge is not expected to affect public water supplies.

The proposed effluent limits for Outfall 001 are based on a design flow of .8 MGD. - Limits.

Parameters	Mass Units (lbs/day)		Concentrations (mg/L)			
	Average Monthly	Weekly Average	Minimum	Average Monthly	Weekly Average	Instant. Maximum
Flow (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0
Dissolved Oxygen	XXX	XXX	5.0 Daily Min	XXX	XXX	XXX
Total Residual Chlorine (TRC)	XXX	XXX	XXX	0.5	XXX	1.63
CBOD5	167	267	XXX	25.0	40.0	50
BOD5 Raw Sewage Influent	Report	Report Daily Max	XXX	Report	XXX	XXX
Total Suspended Solids	200	300	XXX	30.0	45.0	60
Total Suspended Solids Raw Sewage Influent	Report	Report Daily Max	XXX	Report	XXX	XXX
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	10000
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	1000
Nitrate-Nitrite as N	XXX	XXX	XXX	Report	XXX	XXX
Nitrate-Nitrite as N (Total Load, lbs)	Report Total Mo	XXX	XXX	XXX	XXX	XXX
Total Nitrogen	XXX	XXX	XXX	Report	XXX	XXX
Total Nitrogen (Total Load, lbs)	Report Total Mo	XXX	XXX	XXX	XXX	XXX
Ammonia-Nitrogen Nov 1 - Apr 30	Report	XXX	XXX	Report	XXX	XXX
Ammonia-Nitrogen May 1 - Oct 31	57	XXX	XXX	8.5	XXX	17
Ammonia-Nitrogen (Total Load, lbs)	Report Total Mo	XXX	XXX	XXX	XXX	XXX
Total Kjeldahl Nitrogen	XXX	XXX	XXX	Report	XXX	XXX
Total Kjeldahl Nitrogen (Total Load, lbs)	Report Total Mo	XXX	XXX	XXX	XXX	XXX
Total Phosphorus	13	XXX	XXX	2.0	XXX	4

Parameters	Mass Units (lbs/day)		Concentrations (mg/L)			
	Average Monthly	Weekly Average	Minimum	Average Monthly	Weekly Average	Instant. Maximum
Total Phosphorus (Total Load, lbs)	Report Total Mo	XXX	XXX	XXX	XXX	XXX
Copper, Total	Report	XXX	XXX	Report	Report Daily Max	XXX
Lead, Total	Report	XXX	XXX	Report	Report Daily Max	XXX
E. Coli (No./100 ml)	XXX	XXX	XXX	XXX	XXX	Report

The proposed monitoring requirements and effluent limits for implementation of Pennsylvania's Chesapeake Bay Watershed Implementation Plan are as follows for Outfall 001. - Limits.

Parameters	Mass Units (lbs/day)		Concentrations (mg/L)			
	Monthly	Annual	Monthly	Monthly Average	Maximum	Instant. Maximum
Total Nitrogen (Total Load, lbs) Effluent Net	XXX	13698 Total Annual	XXX	XXX	XXX	XXX
Total Nitrogen (Total Load, lbs)	XXX	Report Total Annual	XXX	XXX	XXX	XXX
Ammonia-Nitrogen (Total Load, lbs)	XXX	Report Total Annual	XXX	XXX	XXX	XXX
Total Phosphorus (Total Load, lbs) Effluent Net	XXX	1826 Total Annual	XXX	XXX	XXX	XXX
Total Phosphorus (Total Load, lbs)	XXX	Report Total Annual	XXX	XXX	XXX	XXX

* This permit contains conditions which authorize the permittee to apply nutrient reduction credits to meet the Net Total Nitrogen and the Net Total Phosphorus effluent mass limits, under the Department's Chapter 96 regulations. The condition includes the requirement to report the application of these credits in Supplemental Discharge Monitoring Reports (DMRs) submitted to the Department.

- The permittee is authorized to use 625 lbs/year as Total Nitrogen (TN) offsets toward compliance with the Annual Net TN mass load limitations (Cap Loads)

In addition, the permit contains the following major special conditions:

- Stormwater Prohibition, Approval Contingencies, Solids Management, Restriction on receipt of hauled in waste under certain conditions and Chlorine minimization.

You may make an appointment to review the DEP files on this case by calling the File Review Coordinator at 717-705-4732.

The EPA Waiver is not in effect