

Northeast Regional Office

PA0061034, Sewage, SIC Code 4952, **Waverly Township**, Lake Henry Drive, Waverly, PA 18471. Facility Name: Waverly Township WWTP. This existing facility is located in Waverly Township, **Lackawanna County**.

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

The receiving stream, Tributary 28835 to Ackerly Creek (CWF, MF), is located in State Water Plan watershed 4-F and is classified for Cold Water 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 0.5 MGD.
(From Permit Effective Date to 4 Years After Permit Effective Date)

<i>Parameters</i>	<i>Mass Units (lbs/day)</i>		<i>Concentrations (mg/L)</i>			
	<i>Average Monthly</i>	<i>Average Weekly</i>	<i>Minimum</i>	<i>Average Monthly</i>	<i>Maximum</i>	<i>IMAX</i>
Ammonia-Nitrogen Nov 1 - Apr 30	50.0	XXX	XXX	12.0	XXX	24.0
Ammonia-Nitrogen May 1 - Oct 31	16.7	XXX	XXX	4.0	XXX	8.0

The proposed effluent limits for Outfall 001 are based on a design flow of 0.5 MGD.
(From Permit Effective Date to 1 Year After Permit Effective Date)

<i>Parameters</i>	<i>Mass Units (lbs/day)</i>		<i>Concentrations (mg/L)</i>			
	<i>Average Monthly</i>	<i>Average Weekly</i>	<i>Minimum</i>	<i>Average Monthly</i>	<i>Maximum</i>	<i>IMAX</i>
Total Residual Chlorine (TRC)	XXX	XXX	XXX	1.0	XXX	2.0

The proposed effluent limits for Outfall 001 are based on a design flow of 0.5 MGD.
(From 1 Year After Permit Effective Date to 4 Years After Permit Effective Date)

<i>Parameters</i>	<i>Mass Units (lbs/day)</i>		<i>Concentrations (mg/L)</i>			
	<i>Average Monthly</i>	<i>Average Weekly</i>	<i>Minimum</i>	<i>Average Monthly</i>	<i>Maximum</i>	<i>IMAX</i>
Total Residual Chlorine (TRC)	XXX	XXX	XXX	0.5	XXX	1.6

The proposed effluent limits for Outfall 001 are based on a design flow of 0.5 MGD.
 (From 4 Years After Permit Effective Date to Permit Expiration Date)

<i>Parameters</i>	<i>Mass Units (lbs/day)</i>		<i>Concentrations (mg/L)</i>			
	<i>Average Monthly</i>	<i>Average Weekly</i>	<i>Minimum</i>	<i>Average Monthly</i>	<i>Maximum</i>	<i>IMAX</i>
Total Residual Chlorine (TRC)	XXX	XXX	XXX	0.02	XXX	0.06
Ammonia-Nitrogen Nov 1 - Apr 30	18.7	XXX	XXX	4.5	XXX	9.0
Ammonia-Nitrogen May 1 - Oct 31	6.2	XXX	XXX	1.5	XXX	3.0

The proposed effluent limits for Outfall 001 are based on a design flow of 0.5 MGD.
 (From Permit Effective Date to Permit Expiration Date)

<i>Parameters</i>	<i>Mass Units (lbs/day)</i>		<i>Concentrations (mg/L)</i>			
	<i>Average Monthly</i>	<i>Daily Maximum</i>	<i>Instant. Minimum</i>	<i>Average Monthly</i>	<i>Maximum</i>	<i>IMAX</i>
Flow (MGD)	Report	Report	XXX	XXX	XXX	XXX
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0
Dissolved Oxygen	XXX	XXX	6.0	XXX	XXX	XXX
Carbonaceous Biochemical Oxygen Demand (CBOD5)	104	167	XXX	25.0	40.0	50.0
Total Suspended Solids	125	188	XXX	30.0	45.0	60.0
Fecal Coliform (No./100 mL) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	1000
Fecal Coliform (No./100 mL) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	10000
Influent Biochemical Oxygen Demand (BOD5)	Report	Report	XXX	Report	XXX	XXX
Influent Total Suspended Solids	Report	Report	XXX	Report	XXX	XXX
Total Nitrogen	XXX	XXX	XXX	Report	XXX	XXX
Total Nitrogen (lbs)	Report Total Monthly	Report Total Annual	XXX	XXX	XXX	XXX
Total Nitrogen (lbs) Effluent Net	Report Total Monthly	9,132 Total Annual	XXX	XXX	XXX	XXX
Nitrate-Nitrite as N	XXX	XXX	XXX	Report	XXX	XXX

<i>Parameters</i>	<i>Mass Units (lbs/day)</i>		<i>Concentrations (mg/L)</i>			
	<i>Average Monthly</i>	<i>Daily Maximum</i>	<i>Instant. Minimum</i>	<i>Average Monthly</i>	<i>Maximum</i>	<i>IMAX</i>
Nitrate-Nitrite as N (lbs)	Report Total Monthly	XXX	XXX	XXX	XXX	XXX
Total Kjeldahl Nitrogen	XXX	XXX	XXX	Report	XXX	XXX
Total Kjeldahl Nitrogen (lbs)	Report Total Monthly	XXX	XXX	XXX	XXX	XXX
Ammonia-Nitrogen (lbs)	Report Total Monthly	Report Total Annual	XXX	XXX	XXX	XXX
Total Phosphorus	XXX	XXX	XXX	Report	XXX	XXX
Total Phosphorus (lbs)	Report Total Monthly	Report Total Annual	XXX	XXX	XXX	XXX
Total Phosphorus (lbs) Effluent Net	Report Total Monthly	1,218 Total Annual	XXX	XXX	XXX	XXX
E. Coli (No./100mL)	XXX	XXX	XXX	XXX	XXX	Report

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

- Effluent Limitations Schedule
- Chesapeake Bay Nutrient Requirements
- Solids Management
- Requirements for Total Residual Chlorine (TRC)
- TRC Effluent Limitation at Quantitation Limit
- Requirements for Ammonia-Nitrogen

You may make an appointment to review the DEP files on this case by calling the File Review Coordinator at 570-826-5472.

The EPA Waiver is not in effect.