



**U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION III WATER BRANCH, ENFORCEMENT
AND COMPLIANCE ASSURANCE DIVISION
CLEAN WATER ACT
COMPLIANCE INSPECTION REPORT**

for

Name of Facility: Central Columbia School District WWTP
Facility Address: 4777 Old Berwick Road, Bloomsburg, PA 17815-3515
Mailing Address: 4777 Old Berwick Road, Bloomsburg, PA 17815-3515

Report Prepared on: 5/30/2023 By: _____,
Date *Signature*
Environmental Scientist (PG Environmental)

Report Final as of: 5/30/2023 By: _____, EPA
Date *Signature*

General Information

Type of Inspection:	Wastewater Treatment Facility CEI
Owner:	Central Columbia School District
Operator:	M&B Environmental
Permittee:	Central Columbia School District
NPDES Permit No:	PA0031852
NPDES Permit Effective Date:	April 1, 2021
NPDES Permit Expiration Date:	March 31, 2026
Receiving Water and/or MS4:	Unnamed Tributary to Susquehanna River (CWF)
Latitude and Longitude:	41.022391, -76.369146

On-Site Facility Inspection Overview

On April 3, 2023, U.S. Environmental Protection Agency (EPA) Region III's contract inspectors from PG Environmental, (hereinafter referred to as Inspectors) inspected the Central Columbia School District Treatment Plant (hereinafter, WWTP or Plant) in Bloomsburg, Pennsylvania. Central Columbia School District is identified as the Permittee and owns the WWTP. M&B Environmental is the contracted company who operates the Plant. The Inspectors were not accompanied on the inspection by EPA or state representatives.

Approximate Entry Time: 8:30 AM (EDT) **Approximate Exit Time:** 1:30 PM (EDT)

Unique Project Identifier (UPI): 3E23WN039A

TABLE OF CONTENTS

	Page
I. INTRODUCTION	3
II. INSPECTION PROCESS.....	4
Inspection Opening Conference.....	4
Facility Site Walk.....	4
Records Review	5
Summary of Observations	6
Permit Status and Effluent Exceedances.....	6
Representative Sampling.....	7
Proper Operation and Maintenance	7
Closing Conference	8

Appendix A: Photograph Log

Appendix B: Exhibit Log

- Exhibit 1 – EPA Effluent Limit Exceedances Report (March 1, 2018 through March 31, 2023)
- Exhibit 2 – EPA ECHO Detailed Facility Report
- Exhibit 3 – WWTP SOP Manual
- Exhibit 4 – Handwritten Operational Data Sheets (July 2020 through December 2020)

Appendix C: NPDES Permit No. PA0031852

I. INTRODUCTION

On April 3, 2023, U.S. Environmental Protection Agency (EPA) Region III's contract inspectors from PG Environmental, (hereinafter referred to as Inspectors) inspected the Central Columbia School District Wastewater Treatment Plant (hereinafter, WWTP or Plant) in Bloomsburg, Pennsylvania. Central Columbia School District is the Permittee and owns the WWTP. M&B Environmental is the contracted company that operates the Plant. The Inspectors were joined on the inspection by the Plant's Grounds Manager and the primary operator from M&B Environmental.

The primary purpose of the inspection was to review the onsite Plant operations, to review the accuracy and reliability of the Permittee's self-monitoring and reporting program, and to obtain information that will assist EPA in assessing the Permittee's compliance with the requirements under National Pollutant Discharge Elimination System (NPDES) Permit No. PA0031852 (hereinafter, Permit), which became effective on April 1, 2021 and expires March 31, 2026 (refer to [Appendix C](#)). The weather at the time of the inspection was partly cloudy with cool morning temperatures.

The WWTP is an activated sludge plant. The Plant technology was supplied by Chromaglass Corp. and consisted of four process chambers in series (refer to [Appendix A, Photograph 1](#)). Wastewater is routed to the Plant through a series of sanitary sewer lines coming from the school complex; one pumped (a force main) and two gravity. Wastewater from the separate lines are combined in a manhole upstream of the wet well located close to the main gate of the WWTP. Wastewater flows into the wet well and through a newly installed comminutor (installed the day before the date of the inspection). The old comminutor was laying on the ground outside the influent station at the time of the inspection (refer to [Appendix A, Photographs 2 through 4](#)). There is a manually raked bar screen present at the Plant's headworks, but the flow channel for the screen was gated off at the time of inspection.

Flow is routed from the headworks to an EQ basin and then pumped to a splitter box. The splitter box transfers flow to three active treatment trains via gravity (refer to [Appendix A, Photograph 8](#)). A fourth train was present (Treatment Train #3), but the Plant Operator stated that it was not operational at the time of the inspection. The splitter box weir servicing Treatment Train #3 was gated off to prevent flow. All three operational treatment trains were set up similarly, with rectangular activated sludge chambers connected to small rectangular clarifiers at the north end of each (refer to [Appendix A, Photograph 1](#)). Sludge is collected from the bottom of the clarifier chambers and returned to the south end of the treatment train or wasted into a separate digester tank, located to the west of the treatment trains. Decanted water from the digester is routed back to the headworks structure (refer to [Appendix A, Photographs 13 and 14](#)). Sludge from the digester tank is hauled off-site twice per year by "Chip Adams Sewer & Drain Cleaning." Flow from all three trains' clarifiers is sent to the chlorine contact chamber at the end of Treatment Train #2 and disinfected via chlorine tablets before being discharged from Outfall 001, through an underground line into an unnamed tributary of the Susquehanna River (refer to [Appendix A, Photographs 11, 12, and 16](#)).

The Plant operates 24 hours per day, Monday through Friday. The Plant Operator starts the Plant on Monday mornings and is at the plant twice per day between 7:00 A.M. and 4:00 P.M., Monday through Friday. The Plant Operator stated that the Plant is shut down for the weekend on Fridays but can be turned on for a few hours on the weekends if needed (i.e., events at the high school). The Plant has a permitted hydraulic capacity of 28,000 gallons per day (GPD).

II. INSPECTION PROCESS

Inspection Opening Conference

The Inspectors arrived at the Plant at 8:30 AM (EDT) for the inspection. Danny O'Connell of PG Environmental displayed his Clean Water Act inspector credential to the Plant Supervisor at the outset of the inspection and explained the purpose of the inspection was to observe compliance with the wastewater discharge Permit (refer to [Appendix C](#)). Table 1 describes the individuals that participated in the inspection.

Table 1: Inspection Attendee List

Name	Affiliation	Telephone	Email
EPA Region III Contract Inspector			
Danny O'Connell, Inspector	PG Environmental	(720) 789-8032	danny.oconnell@pgenv.com
Spencer Gibson, Inspector	PG Environmental	(515) 865-2778	spencer.gibson@pgenv.com
Site/Facility Representative			
Dwayne Prosceno, Plant Supervisor	Central Columbia School District	(570) 204-6706	dproscen@ccsd.cc
Les Harvey, Plant Operator	M&B Environmental	(610) 389-2515	lharveyembe@gmail.com

Facility Site Walk

As part of the inspection process, the Inspectors visually observed the treatment trains and site conditions in the presence of the Plant Operator. The Inspectors also visually inspected the sanitary sewer manholes, located outside the WWTP fence line, as well as the outfall to the north of the WWTP. The wastewater treatment train consists of:

- Influent bar screen
- Mechanical comminutor
- EQ basin
- Flow splitter
- Four treatment trains, each with aeration chamber and clarifier (Treatment Train was #3 offline)
- Digester
- Chlorine contact chamber with chlorine tablets
- Outfall

Wastewater flows from the collection system via gravity to the headworks structure which is equipped with a mechanical comminutor. A manual bar screen is also present in the headworks structure but was gated off at the time of the inspection, directing all flow through the comminutor. At the time of inspection, there was engineered (i.e., bricks, cinder blocks) and general debris present in the headworks structure (refer to [Appendix A, Photograph 2](#)). Additionally, buckets filled with solids collected from the headworks structure were stored in the building (refer to [Appendix A, Photograph 5](#)).

Following the comminutor, wastewater flows into an EQ basin where it is then pumped to a splitter box. The splitter box has four channels leading to each treatment train via gravity through a V-notch weir. The third channel, controlling flow to the third treatment train was gated closed. Water was observed in the third channel despite being closed.

Wastewater flows from the splitter box into Treatment Trains #1, #2, and #4. Each treatment train consists of an influent mixing chambers, two aeration chambers, a clarification chamber, and two chlorine contact chambers (refer to [Appendix A, Photograph 1](#)). The supervisory control and data acquisition (SCADA)

system for the individual treatment trains did not contain identical process run times for treatment units in all trains (refer to [Appendix A, Photographs 19 through 21](#)). The Plant Operator stated that Treatment Train #1 produced the highest quality effluent. He continued to state that he was not able to change the treatment unit run times for Treatment Trains #2 and #4.

The first step in the treatment process is the influent/mixing chamber where influent is mixed with existing mixed liquor. Wastewater is then pumped to the aeration chambers which are fitted with air pumps to provide dissolved oxygen and mixing to the aeration basins. Air is drawn from above ground pipes immediately next to the basin. One air line servicing Aeration Chamber #1 was not providing any suction at the time of the inspection despite the corresponding air pump being functional (refer to [Appendix A, Photograph 9](#)). The Plant Operator stated that they had run diagnostic evaluations and testing to determine the issue but were unable to determine the issue. The Inspectors observed solids build-up in the aeration chambers (refer to [Appendix A, Photograph 10](#)). Following aeration, wastewater flows to the clarifiers.

Return activated sludge (RAS) is returned from the bottom of the clarifiers to the aeration chambers automatically. Waste activated sludge (WAS) is transferred to the digester manually by closing the RAS valve and engaging the corresponding toggle switch in the control cabinet. Each treatment train operates its five different process cycles in a staggered two-hour period consisting of a transfer phase, a primary settle phase, a sludge return phase, a secondary settle phase, and a discharge phase. The Inspectors confirmed the status of each train's process cycle via the SCADA's programmable logic controller (PLC) (refer to [Appendix A, Photographs 19 through 21](#)). The transfer phase for each treatment train is 30 minutes. The primary settle phases are 25 minutes, 31 minutes, and 33 minutes for Treatment Trains #1, #2, and #4, respectively. The return sludge phases are 15 minutes for Treatment Train #1 and 7 minutes for Treatment Trains #2 and #4. The secondary settle phases are 30 minutes for Treatment Trains #1 and #4 and 32 minutes for Treatment Train #2. The discharge phase is set to 20 minutes for all treatment trains.

Following clarification, effluent is transferred to the chlorine contact chamber (CCC) for disinfection. Flow from all three active treatment trains is directed to the chlorine contact chamber on Treatment Train #2 (refer to [Appendix A, Photographs 11 through 12](#)). The Plant Operator stated that all flow is directed to CCC #2 because it is the easiest to sample from, and multiple samples from the different CCCs would not be representative. Effluent enters the CCC via overflow from the clarifiers and enters treatment through the bottom of a T-pipe which sits approximately 6 inches from the surface of the water on the northern side of the CCC. Chlorine tablets are added in the mainline to the CCC, and six tablets were observed at the time of inspection. Effluent flows through the baffled CCC and exits via the bottom of a T-pipe on the southern side of the CCC. The Inspectors observed short-circuiting in the CCC as the orientation of the baffles allowed for the plug flow to pass over the top of the baffles. During a discharge event, the Inspectors were able to observe water flowing through the effluent mainline and coming into contact with the chlorine tablets. The water level in the chamber began to rise above the baffles and flow over top was observed. Effluent then passes through a Parshall flume fitted with an ultrasonic flow meter and discharges to an unnamed tributary of the Susquehanna River through a barred outfall (Outfall 001).

Wasted sludge is collected in a covered digester located to the west of the treatment trains. A sump-pump and decant line runs above ground from the digester to the headworks and sludge is hauled off-site two times per year by Chip Adams Sewer & Drain Cleaning (refer to [Appendix A, Photographs 13 and 14](#)).

Records Review

The Inspectors conducted a records review to evaluate the Permittee's compliance with the Permit. Most of the records and reports required by the Permit were available for review prior to and after the inspection. Plant equipment operation and maintenance (O&M) manuals were reviewed onsite. The Plant's electronic discharge monitoring reports (eDMRs) were obtained electronically and reviewed offsite after the onsite inspection. The following were reviewed:

- eDMR data during the period from July 1, 2022 through March 31, 2023;
- Onsite laboratory calibration records (pH, chlorine, dissolved oxygen (DO); March 1, 2021 through April 31, 2023);
- Daily handwritten operational datasheets;
- Operations logbook (March 2023);
- Composite sample standard operating procedure (SOP);
- Monthly Operations Report (September 2022 through November 2022);
- Various Plant equipment O&M manuals;
- Wall mounted treatment plant diagrams; and
- WWTP SOP Manual.

Summary of Observations

The following section summarizes the Inspectors' observations relative to the Permit requirements, including the status of certain treatment units, operation and maintenance practices, and the Permittee's monitoring and reporting documentation.

Permit Status and Effluent Exceedances

Part A.I.A of the Permit defines effluent limitations and monitoring requirements for Outfall 001 discharges.

As part of the data review, the Inspector reviewed the Effluent Exceedances Report in EPA's Enforcement and Compliance History Online (ECHO) Database to compare reported values against effluent limitations defined in the Permit (refer to [Appendix B, Exhibit 1](#)) in order to evaluate compliance.

Observation 1. According to EPA's ECHO database, the Plant experienced 36 effluent limit exceedances from Outfall 001 between March 1, 2018 and March 31, 2023 (refer to [Appendix B, Exhibit 1](#) and Table 2 below). The highest percentage of exceedances occurred for total suspended solids, followed by fecal coliform and total nitrogen.

EPA's ECHO Database indicates the Plant was in a state of significant noncompliance (SNC) between April 1, 2022 through June 30, 2022 and July 1, 2022 through September 30, 2022 (refer to [Appendix B, Exhibit 2](#)).

Table 2. Outfall 001 Final Effluent Exceedances (March 1, 2018 through March 31, 2023)

Permit #	Monitoring Period End Date	Parameter Name	DMR Value	Permit Limit	Units	Limit Type
PA0031852	2/28/2023	Total Suspended Solids	42	30	mg/L	Monthly Average
PA0031852	1/31/2023	Total Suspended Solids	37	30	mg/L	Monthly Average
PA0031852	12/31/2022	Total Suspended Solids	36	30	mg/L	Monthly Average
PA0031852	12/31/2022	CBOD5	31	25	mg/L	Monthly Average
PA0031852	10/31/2022	Total Ammonia Nitrogen (as N)	6	5.5	mg/L	Monthly Average
PA0031852	9/30/2022	Total Suspended Solids	52	30	mg/L	Monthly Average
PA0031852	9/30/2022	Total Ammonia Nitrogen (as N)	29	5.5	mg/L	Monthly Average
PA0031852	9/30/2022	Fecal Coliform	20000	1000	CFU/100mL	Instantaneous Maximum
PA0031852	9/30/2022	CBOD5	44	25	mg/L	Monthly Average
PA0031852	7/31/2022	Total Suspended Solids	35	30	mg/L	Monthly Average
PA0031852	5/31/2022	Total Suspended Solids	61	30	mg/L	Monthly Average
PA0031852	5/31/2022	Total Ammonia Nitrogen (as N)	26	5.5	mg/L	Monthly Average

Permit #	Monitoring Period End Date	Parameter Name	DMR Value	Permit Limit	Units	Limit Type
PA0031852	5/31/2022	Fecal Coliform	20000	1000	CFU/100mL	Instantaneous Maximum
PA0031852	5/31/2022	Fecal Coliform	9899	200	CFU/100mL	Geometric Mean
PA0031852	5/31/2022	CBOD5	31	25	mg/L	Monthly Average
PA0031852	4/30/2022	Total Suspended Solids	33	30	mg/L	Monthly Average
PA0031852	3/31/2022	Total Suspended Solids	53	30	mg/L	Monthly Average
PA0031852	2/28/2022	Total Ammonia Nitrogen (as N)	17	16	mg/L	Monthly Average
PA0031852	9/30/2021	Fecal Coliform	20000	1000	CFU/100mL	Instantaneous Maximum
PA0031852	9/30/2021	Fecal Coliform	493	200	CFU/100mL	Geometric Mean
PA0031852	8/31/2021	Total Suspended Solids	50	30	mg/L	Monthly Average
PA0031852	3/31/2021	Total Suspended Solids	43	30	mg/L	Monthly Average
PA0031852	12/31/2020	Total Residual Chlorine	0.6	0.5	mg/L	Monthly Average
PA0031852	12/31/2020	Total Residual Chlorine	2.2	1.6	mg/L	Instantaneous Maximum
PA0031852	3/31/2020	Total Suspended Solids	34	30	mg/L	Monthly Average
PA0031852	9/30/2019	Total Ammonia Nitrogen (as N)	8.2	5.5	mg/L	Monthly Average
PA0031852	8/31/2019	Total Suspended Solids	43	30	mg/L	Monthly Average
PA0031852	7/31/2019	Total Suspended Solids	57	30	mg/L	Monthly Average
PA0031852	5/31/2019	Fecal Coliform	7400	1000	CFU/100mL	Instantaneous Maximum
PA0031852	5/31/2019	Fecal Coliform	5233	200	CFU/100mL	Geometric Mean
PA0031852	4/30/2019	Total Suspended Solids	46	30	mg/L	Monthly Average
PA0031852	4/30/2019	Total Ammonia Nitrogen (as N)	28	16	mg/L	Monthly Average
PA0031852	4/30/2019	Total Residual Chlorine	0.8	0.5	mg/L	Monthly Average
PA0031852	3/31/2019	Total Suspended Solids	44	30	mg/L	Monthly Average
PA0031852	3/31/2019	Total Residual Chlorine	0.6	0.5	mg/L	Monthly Average
PA0031852	5/31/2018	Fecal Coliform	2100	1000	CFU/100mL	Instantaneous Maximum

Representative Sampling

Part A.III.A.1 of the Permit states, “Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity (40 CFR 122.41(j)(1)). Representative sampling includes the collection of samples, where possible, during periods of adverse weather, changes in treatment plant performance and changes in treatment plant loading. If possible, effluent samples must be collected where the effluent is well mixed near the center of the discharge conveyance and at the approximate mid-depth point, where the turbulence is at a maximum and the settlement of solids is minimized. (40 CFR 122.48, 25 Pa. Code § 92a.61).”

Observation 2. The automatic effluent sampler used by the Plant had a strainer with a screened end which could prevent some material from being included in a sample (i.e., it would not be fully representative; refer to Appendix A, Photograph 15).

Proper Operation and Maintenance

Part B.I.E.2 of the Permit states, “The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance includes, but is not limited to, adequate laboratory controls including appropriate quality assurance procedures. This provision also includes the operation of backup or auxiliary facilities or similar systems that are installed by the permittee, only when necessary to achieve compliance with the terms and conditions of this permit. (40 CFR 122.41(e)).”

Observation 3. The Inspectors made several observations related to operations and maintenance at the Plant:

- The Plant was temporarily repaired in multiple locations with make-shift riggings using readily available materials (nylon rope, cinder blocks, plastic tubing, etc.; refer to [Appendix A, Photographs 6, 10, 13, and 14](#)). Additionally, the support structure and coverings on the EQ basin were made of plywood.
- The control box on the newly installed comminutor was oriented facing the wall, in a direction making it inaccessible to operators (refer to [Appendix A, Photograph 4](#)).
- Sewer solids and debris were being stored in buckets in the headworks/influent station (refer to [Appendix A, Photograph 5](#)).
- The Inspectors observed uneven flow distribution in the splitter box due to the location of the pipe coming from the EQ basin. The pipe was located directly in front of the first weir concentrating flow to the first weir, with lower flow going to the other weirs (refer to [Appendix A, Photograph 8](#)).
- The Inspectors observed short circuiting of the CCC and disinfection process. This appeared to be caused by the way the baffles are arranged in the CCC. The baffles extend to the bottom of the chamber, and during discharge, the tops of the baffles sit below the surface by approximately one inch allowing water to flow directly over top (refer to [Appendix A, Photograph 12](#)).
- The pen used on the analog flow recorder was not positioned properly at the time of the inspection. The markings began below the “0” line which altered the readings lower by approximately 5% (refer to [Appendix A, Photograph 17](#)).
- The Plant’s SOP Manual states that wasting should be done to the extent that each aeration train holds a 200-250 SV-30 (refer to [Appendix B, Exhibit 3](#)). Review of the Plant’s handwritten operational logs shows that SV-30 values are double or triple the threshold prescribed in the SOP (refer to [Appendix B, Exhibit 4](#)).
- The Inspectors observed damage to the manhole crown structure on the manhole used for flow monitoring located right outside the Plant fence line. The damaged crown structure may allow stormwater to enter manhole and impact flow measurement (refer to [Appendix A, Photograph 18](#)).
- The Plant Operator was unable to modify individual treatment train process unit run times in the control software; he did not have access to those settings. The run times were different for each treatment train. The Plant Operator stated that they could not modify the run times in Treatment Trains #2 and #4 to match the most efficient setting. Treatment Train #1 was reported to have the best effluent quality (refer to [Appendix A, Photographs 19 through 21](#)).

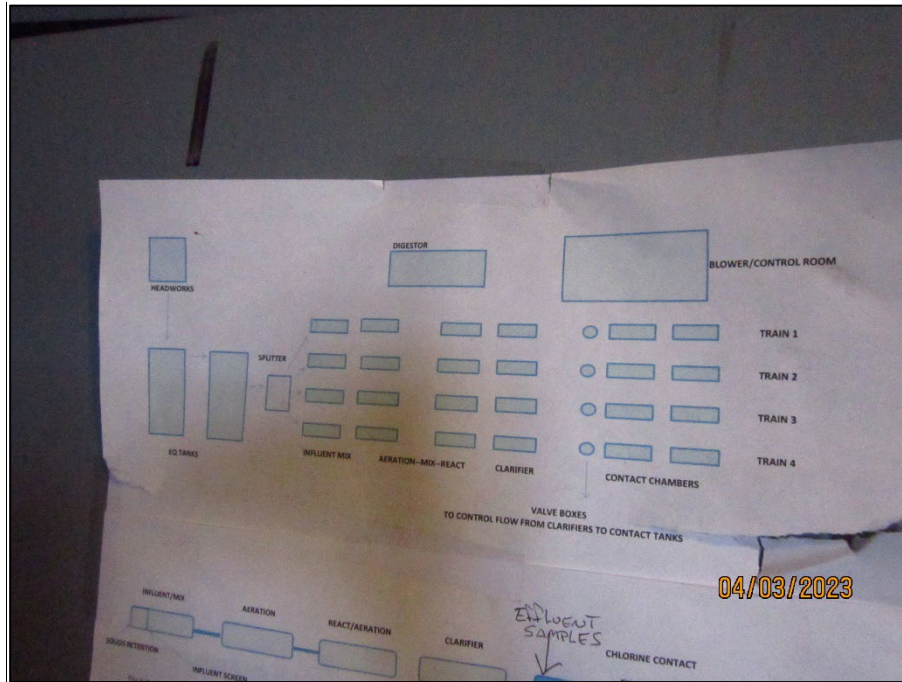
Closing Conference

After the facility site walk, the Inspectors met with the Plant Supervisor for a closing conference and shared their preliminary observations. The Inspectors reiterated to the Plant Supervisor that all preliminary observations discussed were not compliance determinations. Any and all preliminary observations shared were subject to further investigation by the Inspectors and EPA upon the additional review of records and documentation. Additional observations may be contained in this inspection report that were not identified at the time of the closing conference after the additional review of materials following the inspection.

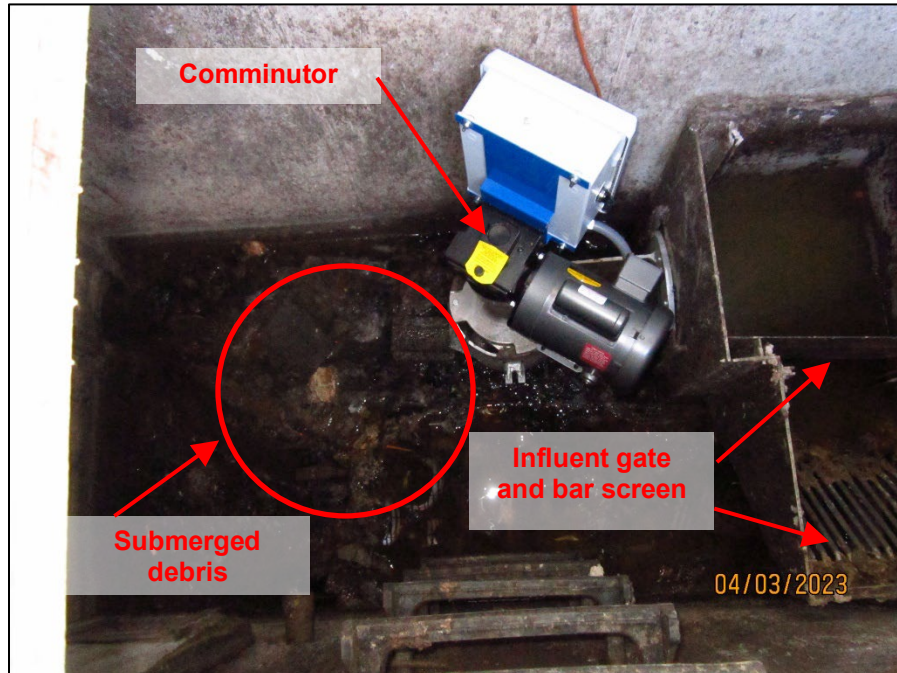
The inspection concluded at approximately 1:30 PM (EDT).

Appendix A

Photograph Log



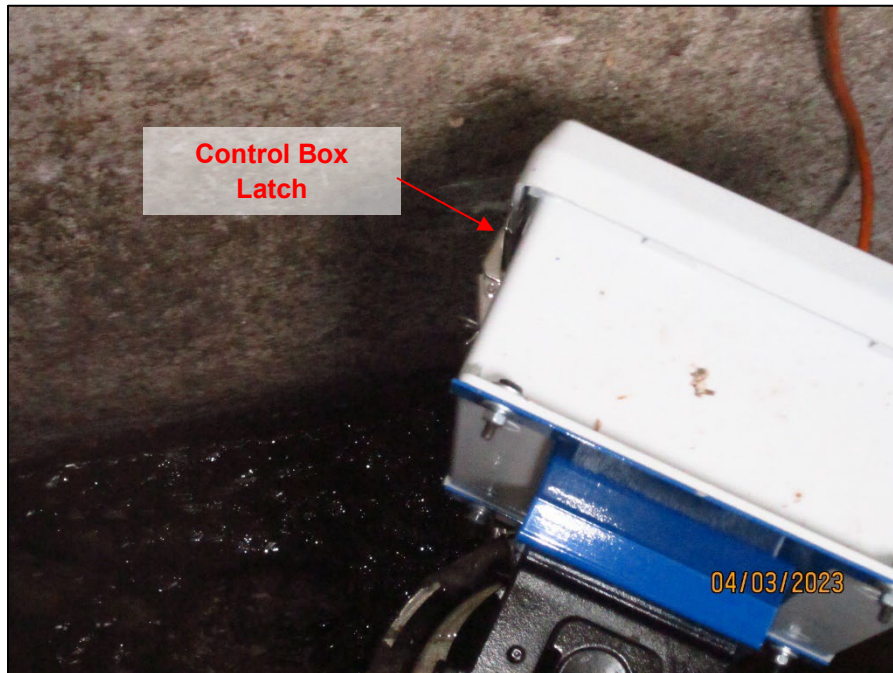
Photograph 1. (IMG_0113) Diagram of Chromaglass Corp. WWTP with treatment trains and treatment chambers.



Photograph 2. (IMG_0021) View of the influent channel and manual bar screen. Note the bar screen was gated off at the time of the inspection and submerged debris was observed.



Photograph 3. (IMG_0021) View of the old comminutor laying outside of the influent station. Note there was evidence of submergence.



Photograph 4. (IMG_0026) Close-up view of the comminutor control box orientation. Note the orientation renders the control box inaccessible to operators.



Photograph 5. (IMG_0033) View of solids stored in buckets in the headworks/influent station.



Photograph 6. (IMG_0037) View of the EQ basin. Note the external tubing and plywood coverings.



Photograph 7. (IMG_0041) View inside the EQ basin. Note the accumulation of debris.



Photograph 8. (IMG_0046) View of flow to the splitter box from the EQ basin. Note the concentration of flow to the first weir leading to Treatment Train #1.



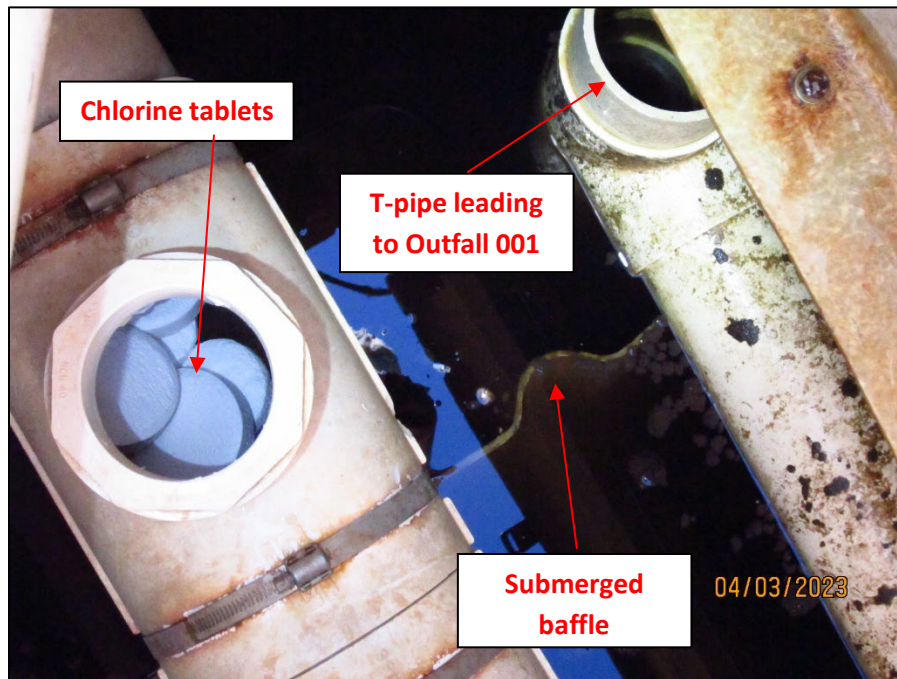
Photograph 9. (IMG_0052) View of the aeration chamber in Treatment Train #1. The external air intake piping did not provide suction at the time of inspection.



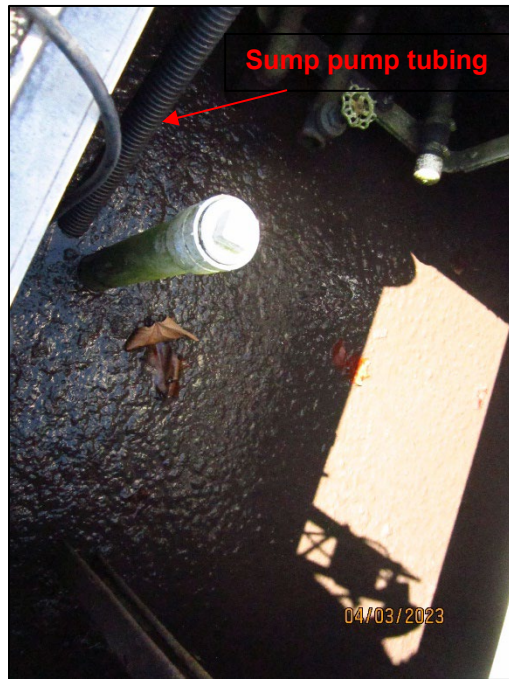
Photograph 10. (IMG_0059) View of aeration chamber in Treatment Train #1. Note the miscellaneous ropes and make-shift rigging.



Photograph 11. (IMG_0065) View inside CCC #2



Photograph 12. (IMG_0067) Close-up view of the chlorine contact chamber in Treatment Train #2. Note the chlorine tablets and the T-pipe sending effluent to Outfall 001. Also note flow was observed short circuiting over the baffle at this location.



Photograph 13. (IMG_0074) View of inside the digester. Note the sump pump tubing used for decanting back to the headworks.



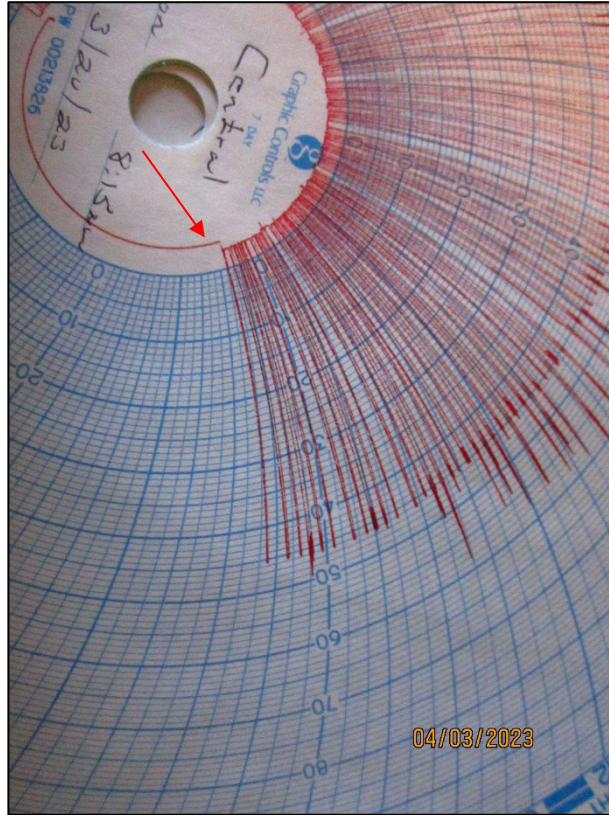
Photograph 14. (IMG_0076) Exterior view, facing South, of sump pump tubing from the digester back to the headworks.



Photograph 15. (IMG_0081) View of effluent sampler strainer with screened end.



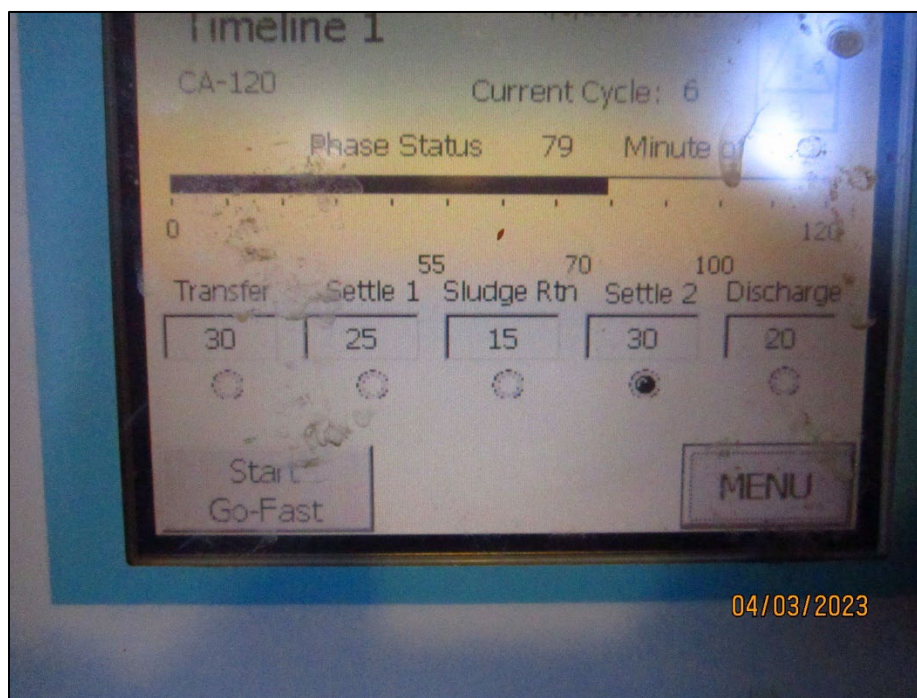
Photograph 16. (IMG_0103) View of Outfall 001 at the receiving water.



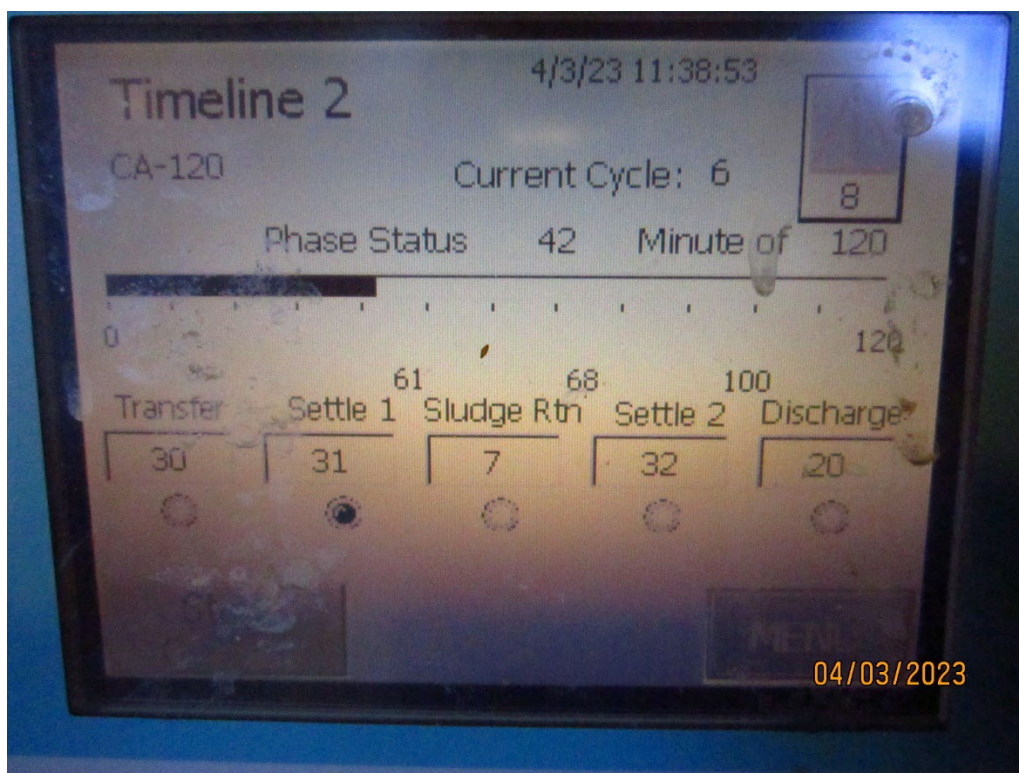
Photograph 17. (IMG_0139) View of analog flow recorder showing how red pen starting below the “0” line.



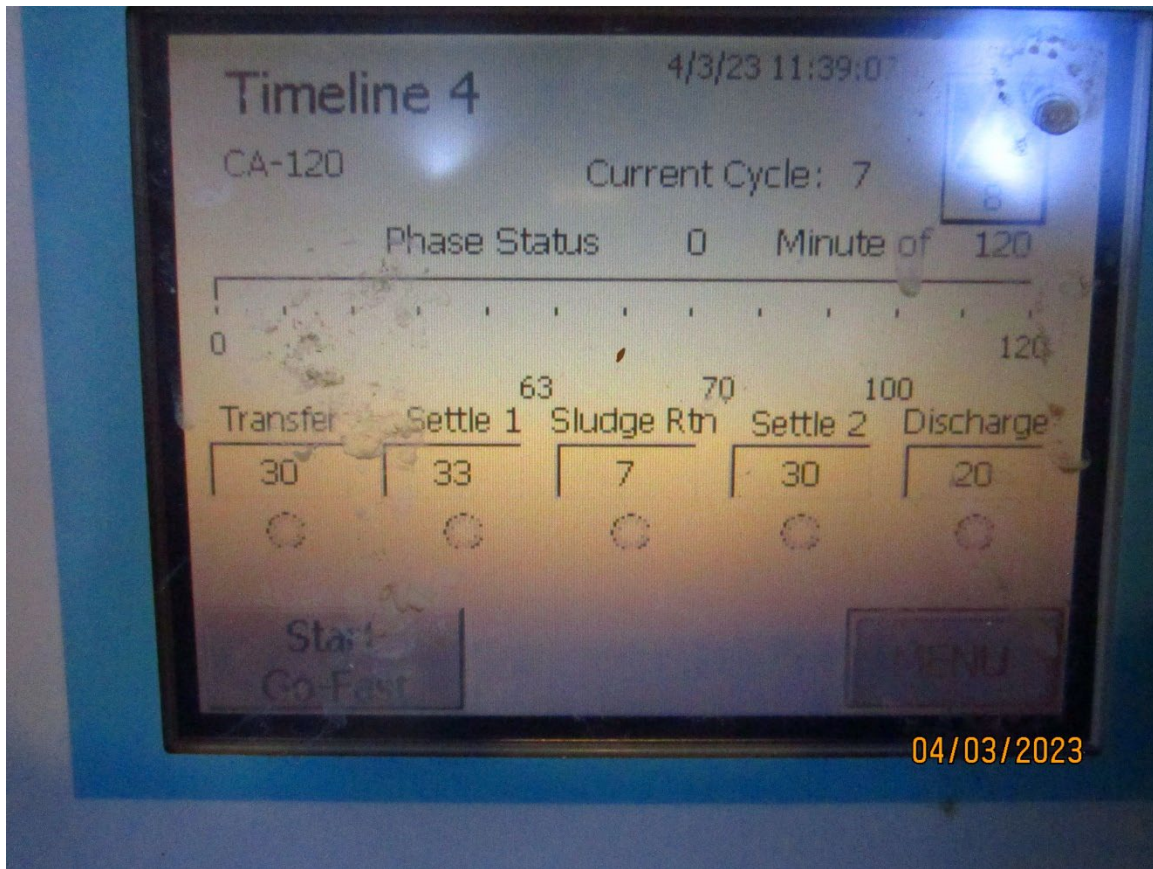
Photograph 18. (IMG_0106) View of the broken manhole located just outside the Plant's southern fence.



Photograph 19. (IMG_0167) View of SCADA control operation time in each process unit in Treatment Train #1.



Photograph 20. (IMG_0168) View of SCADA control operation time in each process unit in Treatment Train #2.



Photograph 21. (IMG_0169) View of SCADA control operation time in each process unit in Treatment Train #4.

Appendix B

Exhibit Log

Exhibit 1

EPA Effluent Limit Exceedances Report (March 1, 2018 through March 31, 2023)

Effluent Limit Exceedances Report

PA0031852: CENTRAL COLUMBIA SCHOOL DISTRICT, BLOOMSBURG, PA 178153515

Monitoring Period Date Range: 03/01/2018 to 04/30/2023

Exceedance Details

Monitoring Period Date	Outfall	Parameter Description	Average Daily Flow (MGD)	Limit Type	DMR Value	dmr_value	DMR Value	Limit Value	Limit Value	Qualifi	Limit Value	Unit
5/31/2018		1 Coliform, fecal general		INST MAX	2100 =		CFU/100m	1000 <=			CFU/100mL	
3/31/2019		1 Solids, total suspended	0.0067	MO AVG	44 =		mg/L	30 <=			mg/L	
3/31/2019		1 Chlorine, total residual	0.0067	MO AVG	0.6 =		mg/L	0.5 <=			mg/L	
4/30/2019		1 Solids, total suspended	0.0075	MO AVG	46 =		mg/L	30 <=			mg/L	
4/30/2019		1 Nitrogen, ammonia total (a:	0.0075	MO AVG	28 =		mg/L	16 <=			mg/L	
4/30/2019		1 Chlorine, total residual	0.0075	MO AVG	0.8 =		mg/L	0.5 <=			mg/L	
5/31/2019		1 Coliform, fecal general		INST MAX	7400 =		CFU/100m	1000 <=			CFU/100mL	
5/31/2019		1 Coliform, fecal general	0.0114	GEO MEAN	5233 =		CFU/100m	200 <=			CFU/100mL	
7/31/2019		1 Solids, total suspended	0.0021	MO AVG	57 =		mg/L	30 <=			mg/L	
8/31/2019		1 Solids, total suspended	0.0026	MO AVG	43 =		mg/L	30 <=			mg/L	
9/30/2019		1 Nitrogen, ammonia total (a:	0.0047	MO AVG	8.2 =		mg/L	5.5 <=			mg/L	
3/31/2020		1 Solids, total suspended	0.0049	MO AVG	34 =		mg/L	30 <=			mg/L	
12/31/2020		1 Chlorine, total residual	0.0022	MO AVG	0.6 =		mg/L	0.5 <=			mg/L	
12/31/2020		1 Chlorine, total residual		INST MAX	2.2 =		mg/L	1.6 <=			mg/L	
3/31/2021		1 Solids, total suspended	0.0039	MO AVG	43 =		mg/L	30 <=			mg/L	
8/31/2021		1 Solids, total suspended	0.0027	MO AVG	50 =		mg/L	30 <=			mg/L	
9/30/2021		1 Coliform, fecal general		INST MAX	20000 =		CFU/100m	1000 <=			CFU/100mL	
9/30/2021		1 Coliform, fecal general	0.008084	GEO MEAN	493 <		CFU/100m	200 <=			CFU/100mL	
2/28/2022		1 Nitrogen, ammonia total (a:	0.0081	MO AVG	17 =		mg/L	16 <=			mg/L	
3/31/2022		1 Solids, total suspended	0.0081	MO AVG	53 =		mg/L	30 <=			mg/L	
4/30/2022		1 Solids, total suspended	0.0075	MO AVG	33 =		mg/L	30 <=			mg/L	
5/31/2022		1 Solids, total suspended	0.013	MO AVG	61 =		mg/L	30 <=			mg/L	
5/31/2022		1 Nitrogen, ammonia total (a:	0.013	MO AVG	26 =		mg/L	5.5 <=			mg/L	
5/31/2022		1 Coliform, fecal general		INST MAX	20000 >		CFU/100m	1000 <=			CFU/100mL	
5/31/2022		1 Coliform, fecal general	0.013	GEO MEAN	9899 =		CFU/100m	200 <=			CFU/100mL	
5/31/2022		1 BOD, carbonaceous, 05 day	0.013	MO AVG	31 =		mg/L	25 <=			mg/L	
7/31/2022		1 Solids, total suspended	0.0009	MO AVG	35 =		mg/L	30 <=			mg/L	
9/30/2022		1 Solids, total suspended	0.0055	MO AVG	52 =		mg/L	30 <=			mg/L	
9/30/2022		1 Nitrogen, ammonia total (a:	0.0055	MO AVG	29 =		mg/L	5.5 <=			mg/L	
9/30/2022		1 Coliform, fecal general		INST MAX	20000 =		CFU/100m	1000 <=			CFU/100mL	
9/30/2022		1 BOD, carbonaceous, 05 day	0.0055	MO AVG	44 =		mg/L	25 <=			mg/L	
10/31/2022		1 Nitrogen, ammonia total (a:	0.0064	MO AVG	6 =		mg/L	5.5 <=			mg/L	
12/31/2022		1 Solids, total suspended	0.0049	MO AVG	36 =		mg/L	30 <=			mg/L	
12/31/2022		1 BOD, carbonaceous, 05 day	0.0049	MO AVG	31 =		mg/L	25 <=			mg/L	
1/31/2023		1 Solids, total suspended	0.0137	MO AVG	37 =		mg/L	30 <=			mg/L	
2/28/2023		1 Solids, total suspended	0.0073	MO AVG	42 =		mg/L	30 <=			mg/L	

Exhibit 2

EPA ECHO Detailed Facility Report

Detailed Facility Report

Facility Summary
CENTRAL COLUMBIA SCHOOL DISTRICT
4777 OLD BERWICK RD, BLOOMSBURG, PA 17815
FRS (Facility Registry Service) ID: 110006694719
EPA Region: 03
Latitude: 41.01976
Longitude: -76.36474
Locational Data Source: FRS
Industries: --
Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
Compliance Monitoring Activities (5 years)	7
Date of Last Compliance Monitoring Activity	01/18/2023
Compliance Status	Violation Identified
Qtrs in Noncompliance (of 12)	6
Qtrs with Significant Violation	2
Informal Enforcement Actions (5 years)	1
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information
Clean Air Act (CAA): No Information
Clean Water Act (CWA): Minor, Permit Effective (PA0031852)
Resource Conservation and Recovery Act (RCRA): No Information
Safe Drinking Water Act (SDWA): No Information
[Go To Enforcement/Compliance Details](#)
[Known Data Problems](#)

Other Regulatory Reports
Air Emissions Inventory (EIS): No Information
Greenhouse Gas Emissions (eGGRT): No Information
Toxic Releases (TRI): No Information
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110006694719					N	41.01976	-76.36474
ICIS-NPDES	CWA	PA0031852	Minor: NPDES Individual Permit	Effective		03/31/2026	N	41.022222	-76.369183

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110006694719	CENTRAL COLUMBIA SCHOOL DISTRICT	4777 OLD BERWICK RD, BLOOMSBURG, PA 17815	Columbia County
ICIS-NPDES	CWA	PA0031852	CENTRAL COLUMBIA SCHOOL DISTRICT	4777 OLD BERWICK RD, BLOOMSBURG, PA 17815-3515	Columbia County

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	PA0031852	8211	Elementary And Secondary Schools

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
--------	------------	------------	-------------------

No data records returned

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
------------	----------------------------------	--------------------------------

No data records returned

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
------------------	------------	---------------	---------------------------

No data records returned

Enforcement and Compliance

Compliance Monitoring History Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
CWA	PA0031852	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	01/18/2023	
CWA	PA0031852	ICIS-NPDES	Inspection/Evaluation	Base Program - Audit	State	11/01/2022	
CWA	PA0031852	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	08/09/2022	
CWA	PA0031852	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	04/01/2021	
CWA	PA0031852	ICIS-NPDES	Inspection/Evaluation	Base Program - Audit	State	04/03/2020	
CWA	PA0031852	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	10/29/2019	
CWA	PA0031852	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	03/25/2019	

Entries in italics are not counted as EPA official inspections.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	PA0031852	No	12/31/2022	6	04/21/2023

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
CWA (Source ID: PA0031852)					01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-04/21/23
	Facility-Level Status				No Violation Identified	Violation Identified	No Violation Identified	No Violation Identified	Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	Violation Identified	Significant/Category I Noncompliance	Significant/Category I Noncompliance	No Violation Identified	Violation Identified
Quarterly Noncompliance Report History					Resolved	Other Violation			Other Violation		Resolved		Other Violation	Effluent - Monthly Average Limit	Effluent - Monthly Average Limit	Resolved	
	Pollutant	Disch Point	Mon Loc	Freq													
► CWA	BOD, carbonaceous (5 day, 20 C)	001 - A	Effluent Gross	Mthly										24%	76%	24%	
► CWA	Chlorine, total residual	001 - A	Effluent Gross	Mthly				20%									
► CWA	Chlorine, total residual	001 - A	Effluent Gross	NMth				38%									
► CWA	Coliform, fecal general	001 - A	Effluent Gross	NMth							1900%			LIMIT VIOLATION	1900%		
► CWA	Nitrogen, ammonia total (as N)	001 - A	Effluent Gross	Mthly									6%	373%	427%	9%	
► CWA	Solids, total suspended	001 - A	Effluent Gross	Mthly	13%				43%		67%		77%	103%	73%	20%	40%
Single Event Violations				Agency													
CWA	Effluent Violations - Numeric effluent violation			State						04/01/2021							
CWA	Effluent Violations - Numeric effluent violation			State											08/09/2022		
CWA	Effluent Violations - Numeric effluent violation			State												11/01/2022-11/02/2022	
CWA	Effluent Violations - Numeric effluent violation			State													01/18/2023

Informal Enforcement Actions Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
CWA	ICIS-NPDES	PA0031852	Base Program - Notice of Violation	State	11/02/2022

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
---------	--------	-------------	-----------	----------------	----------	-------------	-----------	-------------------	---------------------	------------------------	--------------------------	------------------------------	--------------------------	-----------	------------------

No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
020501071002	Tenmile Creek-Susquehanna River	UNNAMED TRIB TO SUSQUEHANNA RIVER, UNT TO SUSQUEHANNA RIVER	No	No	--	Yes

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
PA	2022	PA-SCR-65639969	Unnamed Tributary to Susquehanna River-65639969	Good	--	--	Fully Supporting	--	--	--
PA	2022	PA-SCR-65639971	Unnamed Tributary to Susquehanna River-65639971	Good	--	--	Fully Supporting	--	--	--
PA	2022	PA-SCR-65640063	Unnamed Tributary to Susquehanna River-65640063	Good	--	--	Fully Supporting	--	--	--
PA	2022	PA-SCR-65640077	Unnamed Tributary to Susquehanna River-65640077	Good	--	--	Fully Supporting	--	--	--
PA	2022	PA-SCR-65640089	Unnamed Tributary to Susquehanna River-65640089	Good	--	--	Fully Supporting	--	--	--
PA	2022	PA-SCR-65640095	Unnamed Tributary to Susquehanna River-65640095	Good	--	--	Fully Supporting	--	--	--
PA	2022	PA-SCR-65640103	Unnamed Tributary to Susquehanna River-65640103	Good	--	--	Fully Supporting	--	--	--

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	Yes	1-Hour Ozone (1979)	No	--
Lead	No	--	No	--
Particulate Matter	No	--	No	--
Carbon Monoxide	No	--	No	--
Sulfur Dioxide	No	--	No	--

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-Site Releases	Total Off-Site Transfers
-----------------	------	---------------------	--------------------------	--	------------------------	------------------	------------------------	--------------------------

No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

No data records returned

Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJScreen home page](#).

EJScreen Indexes Shown

Compare to

☒

US

☐

State

Index Type

☐

Environmental Justice

☒

Supplemental

Related Reports

[EJScreen Report](#)

Download Data

Census Block Group ID: 420370508002	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
Count of Indexes At or Above 80th Percentile	3	3
Particulate Matter 2.5	43	43
Ozone	48	48
Diesel Particulate Matter	64	64
Air Toxics Cancer Risk	33	33
Air Toxics Respiratory Hazard Index	52	52
Traffic Proximity	67	67
Lead Paint	71	71
Risk Management Plan (RMP) Facility Proximity	81	81
Hazardous Waste Proximity	40	42
Superfund Proximity	88	88
Underground Storage Tanks (UST)	52	52



☐ Facility 1-mile Radius ☐ Facility Census Block Group



Census Block Group ID: 420370508002	US (Percentile)	
Wastewater Discharge	82	82



Demographic Profile of Surrounding Area (1 mile)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2016 - 2020 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics (U.S. Census)	
Total Persons	1,004
Population Density	355/sq.mi.
Housing Units in Area	440

General Statistics (ACS (American Community Survey))	
Total Persons	1,438
Percent People of Color	10%
Households in Area	671
Households on Public Assistance	17
Persons With Low Income	562
Percent With Low Income	39%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	41.01976
Center Longitude	-76.36474
Land Area	86%
Water Area	14%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	103 (15.37%)
\$15,000 - \$25,000	76 (11.34%)
\$25,000 - \$50,000	187 (27.91%)
\$50,000 - \$75,000	128 (19.1%)
Greater than \$75,000	176 (26.27%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	38 (4%)
Minors 17 years and younger	197 (20%)
Adults 18 years and older	807 (80%)
Seniors 65 years and older	154 (15%)

Race Breakdown (U.S. Census) - Persons (%)	
White	970 (97%)
African-American	9 (1%)
Hispanic-Origin	23 (2%)
Asian/Pacific Islander	8 (1%)
American Indian	0 (0%)
Other/Multiracial	17 (2%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	49 (4.76%)
9th through 12th Grade	78 (7.58%)
High School Diploma	423 (41.11%)
Some College/2-year	152 (14.77%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	230 (22.35%)

Exhibit 3
WWTP SOP Manual

Moyer Instruments, Inc. 45 Plaza Dr. Suite 500, Tamaqua, PA 18252 570-668-2607



M&B ENVIRONMENTAL, INC.

744 Harleysville Pike
Harleysville, PA 19438

Phone: 215-256-0042
Fax: 215-256-0049

Standard Operating Procedure
CENTRAL COLUMBIA SD W.W.T.P.

Daily:

- Perform plant walk through from headworks through each step of treatment process and inspect equipment. Note anything that is not functioning properly
- Check headworks/comminutor, clean bar screen, rake debris from screen, hose screen
- Check splitter box and ensure weirs are clear (some weirs may be gated off depending which trains are online)
- Calibrate all test equipment per user manuals and record in calibration log
- Record Effluent flow meter reading and calculate flow in gallons
- Test and record Effluent pH, DO, TRC, and Ammonia
- Collect 1000ml. of mixed liquor from each Aeration train, allow to settle for 30 minutes and record. (A mixed liquor is grabbed from 3rd lid of train)
- Check the PH level in the Aeration tanks and record. Add soda ash as needed to the aeration tanks to keep PH in the 7.0 to 7.5 range in the aeration tanks at all times. 1 scoop is equal to 5 pounds of soda ash. Scoop is kept in bulk soda ash tub
- Waste as needed each Aeration train to hold a 200-250 SV-30, however this will change due to the system being an SBR
- Check chlorine tablets in contact tank and add tablets as needed. The tablets should be visible in the first compartment of contact tank in the effluent pipe (2 tablets in the effluent pipe at a time is ideal). No more than 2 should be added.

Weekly:

- Effluent samples are to be collected Bi-weekly in accordance with the NPDES permit
- Change Chart recorder paper
- Sludge judge clarifiers of online trains when they are in discharge cycle, record. 1.0' - 1.5' target
- Decant SHT as needed
- Contact tank should be cleaned weekly. Turn off discharge pumps, pump and hose tank
- Blower oil is to be checked weekly. The level is checked by removing the oil level plug
- Blower belts are to be checked weekly and changed if cracked or stretched and adjusted if loose. Make sure blower and blower motor pulleys are aligned when changing belts
- Blowers are to be greased weekly until grease comes out bleed holes under fitting (4 or 5 shots). Blower motors once a year 1/2 a shot each
- Clean up inside control building, dispose of trash, and spent containers

Monthly:

- Check blower air filters
- Blower oils are to be changed every three months

NON-CERTIFIED OPERATORS MUST GET APPROVAL FROM RESPONSIBLE OPERATOR BEFORE MAKING ANY PROCESS CONTROL CHANGES

04/03/2023

Exhibit 4
Handwritten Operational Data Sheets (December 2022 – February 2023)



WES ENVIRONMENTAL, INC.

CENTRAL COLUMBIA WWTP

OPERATOR SIGNATURE Lin HuangMONTH December 2022

OPER.	TIME	DATE	METER READING	TOTAL FLOW (gpd)	PRECIP	Total Chlorine Residual	FE D.O.	FE NH3	PH					SLUDGE WASTED	SV-30				SODA ASH	SLUDGE HAULED
									F.E.	Train #1	Train #2	Train #3	Train #4		Train #1	Train #2	Train #3	Train #4		
PREVIOUS READING: 70960987				DATE OF READING: 11/30/22																
LH	8:10	1	70967956	10753		0.17	1.12	9.0+	7.59	7.43	7.61	—	7.39	—	—	—	—	—	20/20/20	—
LH	2:50	2	70978709			0.13	2.06	9.0+	7.19	6.70	6.97	—	7.06	2-1000	280	750	—	860	15/15/15	—
		3																		
		4		0																
LH	9:40	5	70978709	17429		0.07	0.23	9.0+	7.31	8.15	8.08	—	8.07	—	—	—	—	—	10/10/10	—
LH	1:55	6	70996138	13286		0.09	1.17	9.0+	6.67	6.03	5.81	—	6.87	Decant	—	—	—	—	40/40/20	—
LH	2:25	7	71009424	10488		0.28	1.85	7.5	6.93	6.75	6.61	—	6.14	Decant	690	770	—	920	30/30/30	—
LH	3:30	8	71019912	9149		0.31	2.15	3.3	7.09	7.44	6.74	—	6.77	—	—	—	—	—	20/30/30	—
LH	3:15	9	71029061			0.48	2.15	3.0	7.32	8.90	6.85	—	7.01	—	340	820	—	920	—	—
		10																		
		11		0																
LH	8:10	12	71029061	16299		0.06	0.23	3.9	7.46	7.64	7.53	—	7.98	2-700	—	—	—	—	0/20/15	—
LH	3:05	13	71043360	8127		0.03	2.13	9.0	6.57	5.25	5.69	—	6.79	4-1000	—	—	—	—	10/40/20	5,000
LH	3:05	14	71053487	5752		0.37	2.44	2.5	7.14	6.84	6.78	—	6.89	4-1000	640	760	—	900	25/25/25	—
SW	0900	15	71059289			0.39	1.77	7.5	7.60	7.64	7.53	—	7.24	4-1000	—	—	—	—	20/10/20	—
SW	1515	16	71067635			0.44	1.96	0.2	7.52	7.52	7.43	—	7.43	4-1000	520	790	—	700	20/20/20	—
		17																		
		18		0																
SW	1115	19	71067635	12281		0.03	1.01	2.2	7.61	8.29	8.31	—	8.99	4-1000	—	—	—	—	15/15/10	—
SW	0830	20	71079916	12169		0.69	1.11	6.6	7.46	7.64	7.55	—	7.20	4-1000	300	390	—	900	6/10/15	—
SW	1345	21	71092085	9135		0.39	1.61	6.3	7.22	6.84	6.83	—	6.98	Decant	300	550	—	740	15/15/15	—
SW	1200	22	71101220			0.22	1.77	6.6	7.35	7.41	7.20	—	7.05	—	—	—	—	—	15/15/15	—
		23																		
		24																		
		25		0																
LH	11:00	26	71101220	15546		0.07	0.96	6.3	7.19	8.12	8.97	—	8.80	—	—	—	—	—	10/10/10	—
LH	1:20	27	71116766	3446		0.23	4.21	0.2	7.25	7.53	7.28	—	7.17	—	—	—	—	—	15/15/15	—
LH	1:30	28	71120212			0.13	3.38	0.1	8.00	—	—	—	—	—	—	—	—	—	—	—
		29		0																
LH	4:00	30	71120212			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		31																		
NEXT READING: 71120212				DATE OF READING: 1/2/23																



CENTRAL COLUMBIA WWTP

OPERATOR SIGNATURE Lin Han

MONTH January 2023

OPER.	TIME	DATE	METER READING	TOTAL FLOW (gpd)	PRECIP	Total Chlorine Residual	FE D.O.	FE NH3	PH					SLUDGE WASTED	SV-30				SODA ASH	SLUDGE HAULED
									F.E.	Train #1	Train #2	Train #3	Train #4		Train #1	Train #2	Train #3	Train #4		
PREVIOUS READING: 71120212				DATE OF READING: 12/30/22																
		1		0				1.34												
L.H.	4:25	2	71120212	15543		0.05	0.12	1.3	7.14											
L.H.	3:55	3	71139755	12857		0.18	1.24	0.2	6.65	7.35	6.34		6.31	2-1000					20/30/30	
L.H.	3:10	4	71148612	10507		0.46	3.38	5.1	7.00	6.48	6.70		6.89		360	280		860	30/30/30	
L.H.	2:55	5	71159119	8559		0.39	2.78	9.0	7.21	7.01	6.80		6.96	4-1000					30/30/30	
L.H.	3:05	6	71167678			0.25	2.88	7.2	7.34	7.39	7.05		7.01		300	710		800	15/15/15	
		7																		
		8		0																
L.H.	9:30	9	71167678	18173		0.09	0.36	7.8	7.31	8.08	8.08		8.35						10/10/10	
L.H.	3:10	10	71185851	10719		0.40	1.55	9.0+	6.71	6.98	6.55		6.76	1-1000					30/30/30	
L.H.	3:05	11	71196570	9253		0.32	2.01	9.0+	7.10	7.23	6.58		7.02	4-1000	420	860		820	30/30/30	
L.H.	3:00	12	71205423	11595		0.14	2.27	9.0+	7.25	6.83	6.85		7.11	Decant					30/30/30	
L.H.	3:05	13	71217418			0.16	1.91	6.9	7.08	7.37	6.87		6.98	4-1000	300	820		890	15/15/15	
		14																		
		15		0																
L.H.	8:20	16	71217418	14539		0.03	0.31	6.6	7.12	7.91	7.60		8.60	2-1000					15/15/15	
L.H.	2:55	17	71231957	10447		0.17	2.12	8.7	6.93	7.37	6.69		6.68	Decant					20/30/30	
L.H.	2:35	18	71242404	6128		0.31	3.29	6.6	7.19	6.92	6.90		7.06	4-1000					30/30/30	
L.H.	2:45	19	71248535	21679		0.26	1.19	9.0+	8.17	8.46	7.52		7.45						0/20/30	
L.H.	3:40	20	71265014			0.17	2.06	7.8	6.82	6.98	6.58		6.92						15/15/15	
		21																		
		22		0																
L.H.	8:30	23	71265014	19649		0.02	1.07	9.0+	6.87	7.49	7.49		7.90	Decant					25/25/20	
L.H.	3:10	24	71284663	12199		0.12	1.79	6.9	6.77	7.70	6.85		7.02	4-1000					15/30/30	
L.H.	2:10	25	71296862	2934		0.17	1.53	9.0+	6.93	6.94	6.81		7.22	2-8000	590	830		250	30/30/15	
L.H.	7:40	26	71299796	9665		0.21	2.19	9.0+	7.62	8.58	7.71		7.41	1-3000					0/15/15	
L.H.	3:10	27	71309761			0.09	2.03	4.8	7.10	6.91	6.93		7.05	Decant	430	780		510	10/10/10	
		28																		
		29		0																
L.H.	9:25	30	71309461	20549		0.03	0.81	3.9	6.92	7.72	7.17		7.46						20/20/10	
L.H.	3:25	31	71330010	13353		0.24	1.35	9.0+	6.70	5.85	6.57		7.00						30/20/30	
NEXT READING: 71343363				DATE OF READING: 2/1/23																



MONTH February 2023

CENTRAL COLUMBIA WWTP

OPERATOR SIGNATURE _____

OPER.	TIME	DATE	METER READING	TOTAL FLOW (gpd)	PRECIP	Total Chlorine Residual	FE D.O.	FE NH3	PH					SLUDGE WASTED	SV-30				SODA ASH	SLUDGE HAULED			
									F.E.	Train #1	Train #2	Train #3	Train #4		Train #1	Train #2	Train #3	Train #4					
PREVIOUS READING: 71330010				DATE OF READING: 1/31/23																			
L.H.	3:20	1	71343363	8271		0.22	1.27	9.0+	7.29	7.02	7.41	7.27	7.27	1-1000	880	870	—	780	20/1/23	—			
L.H.	5:15	2	71351634	12867		0.08	0.74	9.0+	7.31	7.58	6.47	—	7.29	2-1000	—	—	—	—	15/2/23	—			
L.H.	2:35	3	71364501			0.11	1.57	9.0+	7.21	6.92	6.66	—	7.26	—	780	710	—	780	15/3/23	—			
		4																					
		5		0																			
L.H.	8:30	6	71364501	18041		0.04	0.30	9.0+	7.18	9.02	7.37	—	7.28	3-Decent	—	—	—	—	0/23/20	—			
L.H.	2:45	7	71382542	12710		0.08	1.26	9.0+	6.73	6.60	6.40	—	6.94	4-1000	—	—	—	—	30/2/20	—			
L.H.	2:15	8	71395252	10844		0.49	1.56	9.0+	6.93	6.89	6.38	—	7.22	—	720	910	—	810	30/2/20	—			
L.H.	2:55	9	71406096	10171		0.17	1.20	9.0+	7.21	8.27	6.68	—	7.24	4-1000	—	—	—	—	0/20/20	—			
L.H.	3:00	10	71416267			0.20	2.12	9.0+	7.11	7.51	6.65	—	7.22	Decent	550	900	—	780	0/2/15	—			
		11																					
		12		0																			
L.H.	8:30	13	71416267	18431		0.06	0.57	9.0+	7.08	8.14	7.52	—	8.16	—	—	—	—	—	5/30/20	—			
L.H.	3:15	14	71434698	15289		0.11	0.43	9.0+	6.62	5.70	6.37	—	6.97	—	—	—	—	—	30/30/20	—			
L.H.	2:15	15	71449947	10587		0.49	1.95	9.0+	6.88	6.45	6.97	—	6.53	—	550	250	—	870	30/30/20	—			
L.H.	8:15	16	71460574	15365		0.53	1.39	9.0+	7.11	7.03	6.77	—	7.18	—	—	—	—	—	30/30/20	—			
L.H.	4:00	17	71475939			0.25	1.29	9.0+	7.21	7.72	6.92	—	7.16	—	—	—	—	—	0/10/15	—			
		18																					
		19		0																			
L.H.	3:00	20	71475939	9328		0.04	0.46	9.0+	7.16	7.44	7.22	—	8.15	—	—	—	—	—	30/20/20	10000			
L.H.	3:10	21	71485267	9379		0.17	1.48	4.2	7.28	7.67	7.08	—	6.82	4-1000	—	—	—	—	20/30/20	—			
L.H.	2:35	22	71494646	10210		0.13	1.29	6.6	7.49	7.28	7.11	—	7.15	2-1000	900	850	—	650	30/30/20	—			
L.H.	2:30	23	71504856	10425		0.17	1.94	9.0+	7.47	7.28	6.93	—	7.19	2-1000	—	—	—	—	30/30/20	—			
L.H.	2:55	24	71515331			0.63	1.99	9.0+	7.32	7.39	6.93	—	7.23	3-1000	860	740	—	690	5/10/20	—			
		25																					
		26		0																			
L.H.	04:45	27	71515331	17996		0.05	1.00	9.0+	7.51	8.31	7.93	—	8.56	4-1000	—	—	—	—	5/10/15	0			
L.H.	12:15	28	71533301			0.32	1.69	9.0	7.01	6.85	6.93	—	7.08	Decent	740	800	—	690	5/15/15	0			
		29		15,514																			
		30																					
		31																					
NEXT READING: 71548821				DATE OF READING: 3-1-23																			

April 3, 2023

Unique Proj

Appendix C
NPDES Permit No. PA0031852



**AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE REQUIREMENTS FOR NON-MUNICIPAL
SEWAGE TREATMENT WORKS**

NPDES PERMIT NO: PA0031852

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Section 1251 *et seq.* ("the Act") and Pennsylvania's Clean Streams Law, as amended, 35 P.S. Section 691.1 *et seq.*,

**Central Columbia School District
4777 Old Berwick Road
Bloomsburg, PA 17815-3515**

is authorized to discharge from a facility known as **Central Columbia School District STP**, located in **South Centre Township, Columbia County**, to **Unnamed Tributary to Susquehanna River (CWF)** in Watershed(s) **5-D** in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts A, B and C hereof.

THIS PERMIT SHALL BECOME EFFECTIVE ON APRIL 1, 2021

THIS PERMIT SHALL EXPIRE AT MIDNIGHT ON MARCH 31, 2026

The authority granted by this permit is subject to the following further qualifications:

1. If there is a conflict between the application, its supporting documents and/or amendments and the terms and conditions of this permit, the terms and conditions shall apply.
2. Failure to comply with the terms, conditions or effluent limitations of this permit is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. (40 CFR 122.41(a))
3. A complete application for renewal of this permit, or notice of intent to cease discharging by the expiration date, must be submitted to DEP at least 180 days prior to the above expiration date (unless permission has been granted by DEP for submission at a later date), using the appropriate NPDES permit application form. (40 CFR 122.41(b), 122.21(d)(2))

In the event that a timely and complete application for renewal has been submitted and DEP is unable, through no fault of the permittee, to reissue the permit before the above expiration date, the terms and conditions of this permit, including submission of the Discharge Monitoring Reports (DMRs), will be automatically continued and will remain fully effective and enforceable against the discharger until DEP takes final action on the pending permit application. (25 Pa. Code §§ 92a.7(b), (c))

4. This NPDES permit does not constitute authorization to construct or make modifications to wastewater treatment facilities necessary to meet the terms and conditions of this permit.

DATE PERMIT ISSUED March 2, 2021

ISSUED BY Thomas M. Randis
Thomas M. Randis
Environmental Program Manager
Northcentral Regional Office

PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING AND REPORTING REQUIREMENTS

I. A. For Outfall 001, Latitude 41° 1' 26.50", Longitude 76° 22' 15.10", River Mile Index 0.59, Stream Code 28075

Receiving Waters: Unnamed Tributary to Susquehanna River (CWF)

Type of Effluent: Sewage Effluent

1. The permittee is authorized to discharge during the period from **Permit Effective Date** through **Permit Expiration Date**.
2. Based on the anticipated wastewater characteristics and flows described in the permit application and its supporting documents and/or amendments, the following effluent limitations and monitoring requirements apply (see also Additional Requirements and Footnotes).

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 (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX	Continuous	Metered
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	Daily, when discharging	Grab
Dissolved Oxygen	XXX	XXX	Report Daily Min	XXX	XXX	XXX	Daily, when discharging	Grab
Total Residual Chlorine (TRC)	XXX	XXX	XXX	0.5	XXX	1.6	Daily, when discharging	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5)	XXX	XXX	XXX	25	XXX	50	2/month	8-Hr Composite
Total Suspended Solids	XXX	XXX	XXX	30	XXX	60	2/month	8-Hr Composite
Fecal Coliform (CFU/100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	10000	2/month	Grab
Fecal Coliform (CFU/100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	1000	2/month	Grab
Ammonia-Nitrogen Nov 1 - Apr 30	XXX	XXX	XXX	16	XXX	32	2/month	8-Hr Composite
Ammonia-Nitrogen May 1 - Oct 31	XXX	XXX	XXX	5.5	XXX	11	2/month	8-Hr Composite

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outfall 001

**PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING AND REPORTING REQUIREMENTS
(Continued)**

Additional Requirements

1. The permittee may not discharge:
 - a. Floating solids, scum, sheen or substances that result in observed deposits in the receiving water. (25 Pa Code § 92a.41(c))
 - b. Oil and grease in amounts that cause a film or sheen upon or discoloration of the waters of this Commonwealth or adjoining shoreline, or that exceed 15 mg/l as a daily average or 30 mg/l at any time (or lesser amounts if specified in this permit). (25 Pa. Code § 92a.47(a)(7), § 95.2(2))
 - c. Substances in concentration or amounts sufficient to be inimical or harmful to the water uses to be protected or to human, animal, plant or aquatic life. (25 Pa Code § 93.6(a))
 - d. Foam or substances that produce an observed change in the color, taste, odor or turbidity of the receiving water, unless those conditions are otherwise controlled through effluent limitations or other requirements in this permit. For the purpose of determining compliance with this condition, DEP will compare conditions in the receiving water upstream of the discharge to conditions in the receiving water approximately 100 feet downstream of the discharge to determine if there is an observable change in the receiving water. (25 Pa Code § 92a.41(c))
2. If the permit requires the reporting of average weekly statistical results, the maximum weekly average concentration and maximum weekly average mass loading shall be reported, regardless of whether the results are obtained for the same or different weeks.
3. The permittee shall monitor the sewage effluent discharge(s) for the effluent parameters identified in the Part A limitations table(s) during all bypass events at the facility, using the sample types that are specified in the limitations table(s). Where the required sample type is "composite", the permittee must commence sample collection within one hour of the start of the bypass, wherever possible. The results shall be reported on the Daily Effluent Monitoring supplemental form (3800-FM-BCW0435) and be incorporated into the calculations used to report self-monitoring data on Discharge Monitoring Reports (DMRs).

Footnotes

- (1) When sampling to determine compliance with mass effluent limitations, the discharge flow at the time of sampling must be measured and recorded.
- (2) This is the minimum number of sampling events required. Permittees are encouraged, and it may be advantageous in demonstrating compliance, to perform more than the minimum number of sampling events.

Supplemental Information

- (1) The effluent limitations for Outfall 001 were determined using an effluent discharge rate of 0.028 MGD.
- (2) Total Nitrogen is the sum of Total Kjeldahl-N (TKN) plus Nitrite-Nitrate as N ($\text{NO}_2 + \text{NO}_3\text{-N}$), where TKN and $\text{NO}_2 + \text{NO}_3\text{-N}$ are measured in the same sample.

II. DEFINITIONS

At Outfall (XXX) means a sampling location in outfall line XXX below the last point at which wastes are added to outfall line (XXX), or where otherwise specified.

Average refers to the use of an arithmetic mean, unless otherwise specified in this permit. (40 CFR 122.41(l)(4)(iii))

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures and other management practices to prevent or reduce the pollutant loading to surface waters of the Commonwealth. The term also includes treatment requirements, operating procedures and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage. The term includes activities, facilities, measures, planning or procedures used to minimize accelerated erosion and sedimentation and manage stormwater to protect, maintain, reclaim, and restore the quality of waters and the existing and designated uses of waters within this Commonwealth before, during and after earth disturbance activities. (25 Pa. Code § 92a.2)

Bypass means the intentional diversion of waste streams from any portion of a treatment facility. (40 CFR 122.41(m)(1)(i))

Calendar Week is defined as the seven consecutive days from Sunday through Saturday, unless the permittee has been given permission by DEP to provide weekly data as Monday through Friday based on showing excellent performance of the facility and a history of compliance. In cases when the week falls in two separate months, the month with the most days in that week shall be the month for reporting.

Clean Water Act means the Federal Water Pollution Control Act, as amended. (33 U.S.C.A. §§ 1251 to 1387).

Composite Sample (for all except GC/MS volatile organic analysis) means a combination of individual samples (at least eight for a 24-hour period or four for an 8-hour period) of at least 100 milliliters (mL) each obtained at spaced time intervals during the compositing period. The composite must be flow-proportional; either the volume of each individual sample is proportional to discharge flow rates, or the sampling interval is proportional to the flow rates over the time period used to produce the composite. (EPA Form 2C)

Composite Sample (for GC/MS volatile organic analysis) consists of at least four aliquots or grab samples collected during the sampling event (not necessarily flow proportioned). The samples must be combined in the laboratory immediately before analysis and then one analysis is performed. (EPA Form 2C)

Daily Average Temperature means the average of all temperature measurements made, or the mean value plot of the record of a continuous automated temperature recording instrument, either during a calendar day or during the operating day if flows are of a shorter duration.

Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" is calculated as the average measurement of the pollutant over the day. (25 Pa. Code § 92a.2, 40 CFR 122.2)

Daily Maximum Discharge Limitation means the highest allowable "daily discharge."

Discharge Monitoring Report (DMR) means the DEP or EPA supplied form(s) for the reporting of self-monitoring results by the permittee. (25 Pa. Code § 92a.2, 40 CFR 122.2)

Estimated Flow means any method of liquid volume measurement based on a technical evaluation of the sources contributing to the discharge including, but not limited to, pump capabilities, water meters and batch discharge volumes.

Geometric Mean means the average of a set of n sample results given by the nth root of their product.

Grab Sample means an individual sample of at least 100 mL collected at a randomly selected time over a period not to exceed 15 minutes. (EPA Form 2C)

Hazardous Substance means any substance designated under 40 CFR Part 116 pursuant to Section 311 of the Clean Water Act. (40 CFR 122.2)

Hauled-In Wastes means any waste that is introduced into a treatment facility through any method other than a direct connection to the sewage collection system. The term includes wastes transported to and disposed of within the treatment facility or other entry points within the collection system.

Immersion Stabilization (i-s) means a calibrated device is immersed in the wastewater until the reading is stabilized.

Instantaneous Maximum Effluent Limitation means the highest allowable discharge of a concentration or mass of a substance at any one time as measured by a grab sample. (25 Pa. Code § 92a.2)

Measured Flow means any method of liquid volume measurement, the accuracy of which has been previously demonstrated in engineering practice, or for which a relationship to absolute volume has been obtained.

Monthly Average Discharge Limitation means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month. (25 Pa. Code § 92a.2)

Municipal Waste means garbage, refuse, industrial lunchroom or office waste and other material, including solid, liquid, semisolid or contained gaseous material resulting from operation of residential, municipal, commercial or institutional establishments and from community activities; and sludge not meeting the definition of residual or hazardous waste under this section from a municipal, commercial or institutional water supply treatment plant, waste water treatment plant or air pollution control facility. (25 Pa. Code § 271.1)

Residual Waste means garbage, refuse, other discarded material or other waste, including solid, liquid, semisolid or contained gaseous materials resulting from industrial, mining and agricultural operations and sludge from an industrial, mining or agricultural water supply treatment facility, wastewater treatment facility or air pollution control facility, if it is not hazardous. The term does not include coal refuse as defined in the Coal Refuse Disposal Control Act. The term does not include treatment sludges from coal mine drainage treatment plants, disposal of which is being carried on under and in compliance with a valid permit issued under the Clean Streams Law. (25 Pa Code § 287.1)

Severe Property Damage means substantial physical damage to property, damage to the treatment facilities that causes them to become inoperable, or substantial and permanent loss of natural resources that can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production. (40 CFR 122.41(m)(1)(ii))

Stormwater means the runoff from precipitation, snow melt runoff, and surface runoff and drainage. (25 Pa. Code § 92a.2)

Stormwater Associated With Industrial Activity means the discharge from any conveyance that is used for collecting and conveying stormwater and that is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant, and as defined at 40 CFR §122.26(b)(14)(i) - (ix) and (xi) and 25 Pa. Code § 92a.2.

Total Dissolved Solids means the total dissolved (filterable) solids as determined by use of the method specified in 40 CFR Part 136.

Toxic Pollutant means those pollutants, or combinations of pollutants, including disease-causing agents, which after discharge and upon exposure, ingestion, inhalation or assimilation into any organism, either directly from the environment or indirectly by ingestion through food chains may, on the basis of information available to DEP cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunctions, including malfunctions in reproduction, or physical deformations in these organisms or their offspring. (25 Pa. Code § 92a.2)

III. SELF-MONITORING, REPORTING AND RECORDKEEPING

A. Representative Sampling

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity (40 CFR 122.41(j)(1)). Representative sampling includes the collection of samples, where possible, during periods of adverse weather, changes in treatment plant performance and changes in treatment plant loading. If possible, effluent samples must be collected where the effluent is well mixed near the center of the discharge conveyance and at the approximate mid-depth point, where the turbulence is at a maximum and the settlement of solids is minimized. (40 CFR 122.48, 25 Pa. Code § 92a.61)

2. Records Retention (40 CFR 122.41(j)(2))

Except for records of monitoring information required by this permit related to the permittee's sludge use and disposal activities which shall be retained for a period of at least 5 years, all records of monitoring activities and results (including all original strip chart recordings for continuous monitoring instrumentation and calibration and maintenance records), copies of all reports required by this permit, and records of all data used to complete the application for this permit shall be retained by the permittee for 3 years from the date of the sample measurement, report or application. The 3-year period shall be extended as requested by DEP or the EPA Regional Administrator.

3. Recording of Results (40 CFR 122.41(j)(3))

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- a. The exact place, date and time of sampling or measurements.
- b. The person(s) who performed the sampling or measurements.
- c. The date(s) the analyses were performed.
- d. The person(s) who performed the analyses.
- e. The analytical techniques or methods used; and the associated detection level.
- f. The results of such analyses.

4. Test Procedures

- a. Facilities that test or analyze environmental samples used to demonstrate compliance with this permit shall be in compliance with laboratory accreditation requirements of Act 90 of 2002 (27 Pa. C.S. §§ 4101-4113) and 25 Pa. Code Chapter 252, relating to environmental laboratory accreditation.
- b. Test procedures (methods) for the analysis of pollutants or pollutant parameters shall be those approved under 40 CFR Part 136 or required under 40 CFR Chapter I, Subchapters N or O, unless the method is specified in this permit or has been otherwise approved in writing by DEP. (40 CFR 122.41(j)(4), 122.44(i)(1)(iv))
- c. Test procedures (methods) for the analysis of pollutants or pollutant parameters shall be sufficiently sensitive. A method is sufficiently sensitive when 1) the method minimum level is at or below the level of the effluent limit established in the permit for the measured pollutant or pollutant parameter; or 2) the method has the lowest minimum level of the analytical methods approved under 40 CFR Part 136 or required under 40 CFR Chapter I, Subchapters N or O, for the measured pollutant or pollutant parameter; or 3) the method is specified in this permit or has been otherwise approved in writing by DEP for the measured pollutant or pollutant parameter. Permittees have the option of providing matrix or sample-specific minimum levels rather than the published levels. (40 CFR 122.44(i)(1)(iv))

5. Quality/Assurance/Control

In an effort to assure accurate self-monitoring analyses results:

- a. The permittee, or its designated laboratory, shall participate in the periodic scheduled quality assurance inspections conducted by DEP and EPA. (40 CFR 122.41(e), 122.41(i)(3))
- b. The permittee, or its designated laboratory, shall develop and implement a program to assure the quality and accurateness of the analyses performed to satisfy the requirements of this permit, in accordance with 40 CFR Part 136. (40 CFR 122.41(j)(4))

B. Reporting of Monitoring Results

1. The permittee shall effectively monitor the operation and efficiency of all wastewater treatment and control facilities, and the quantity and quality of the discharge(s) as specified in this permit. (25 Pa. Code §§ 92a.3(c), 92a.41(a), 92a.44, 92a.61(i) and 40 CFR §§ 122.41(e), 122.44(i)(1))
2. The permittee shall use DEP's electronic Discharge Monitoring Report (eDMR) system to report the results of compliance monitoring under this permit (see www.dep.pa.gov/edmr). Permittees that are not using the eDMR system as of the effective date of this permit shall submit the necessary registration and trading partner agreement forms to DEP's Bureau of Clean Water (BCW) within 30 days of the effective date of this permit and begin using the eDMR system when notified by DEP BCW to do so. (25 Pa. Code §§ 92a.3(c), 92a.41(a), 92a.61(g) and 40 CFR § 122.41(l)(4))
3. Submission of a physical (paper) copy of a Discharge Monitoring Report (DMR) is acceptable under the following circumstances:
 - a. For a permittee that is not yet using the eDMR system, the permittee shall submit a physical copy of a DMR to the DEP regional office that issued the permit during the interim period between the submission of registration and trading partner agreement forms to DEP and DEP's notification to begin using the eDMR system.
 - b. For any permittee, as a contingency a physical DMR may be mailed to the DEP regional office that issued the permit if there are technological malfunction(s) that prevent the successful submission of a DMR through the eDMR system. In such situations, the permittee shall submit the DMR through the eDMR system within 5 days following remedy of the malfunction(s).
4. DMRs must be completed in accordance with DEP's published DMR instructions (3800-FM-BCW0463). DMRs must be received by DEP no later than 28 days following the end of the monitoring period. DMRs are based on calendar reporting periods and must be received by DEP in accordance with the following schedule:
 - Monthly DMRs must be received within 28 days following the end of each calendar month.
 - Quarterly DMRs must be received within 28 days following the end of each calendar quarter, i.e., January 28, April 28, July 28, and October 28.
 - Semiannual DMRs must be received within 28 days following the end of each calendar semiannual period, i.e., January 28 and July 28.
 - Annual DMRs must be received by January 28, unless Part C of this permit requires otherwise.
5. The permittee shall complete all Supplemental Reporting forms (Supplemental DMRs) attached to this permit, or an approved equivalent, and submit the signed, completed forms as attachments to the DMR, through DEP's eDMR system. DEP's Supplemental Laboratory Accreditation Form (3800-FM-BCW0189) must be completed and submitted to DEP with the first DMR following issuance of this permit, and anytime thereafter when changes to laboratories or methods occur. (25 Pa. Code §§ 92a.3(c), 92a.41(a), 92a.61(g) and 40 CFR § 122.41(l)(4))
6. The completed DMR Form shall be signed and certified by either of the following applicable persons, as defined in 25 Pa. Code § 92a.22:

- For a corporation - by a principal executive officer of at least the level of vice president, or an authorized representative, if the representative is responsible for the overall operation of the facility from which the discharge described in the NPDES form originates.
- For a partnership or sole proprietorship - by a general partner or the proprietor, respectively.
- For a municipality, state, federal or other public agency - by a principal executive officer or ranking elected official.

If signed by a person other than the above and for co-permittees, written notification of delegation of DMR signatory authority must be submitted to DEP in advance of or along with the relevant DMR form. (40 CFR § 122.22(b))

7. If the permittee monitors any pollutant at monitoring points as designated by this permit, using analytical methods described in Part A III.A.4. herein, more frequently than the permit requires, the results of this monitoring shall be incorporated, as appropriate, into the calculations used to report self-monitoring data on the DMR. (40 CFR 122.41(l)(4)(ii))

C. Reporting Requirements

1. Planned Changes to Physical Facilities – The permittee shall give notice to DEP as soon as possible but no later than 30 days prior to planned physical alterations or additions to the permitted facility. A permit under 25 Pa. Code Chapter 91 may be required for these situations prior to implementing the planned changes. A permit application, or other written submission to DEP, can be used to satisfy the notification requirements of this section.

Notice is required when:

- a. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in 40 CFR 122.29(b). (40 CFR 122.41(l)(1)(i))
 - b. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are not subject to effluent limitations in this permit. (40 CFR 122.41(l)(1)(ii))
 - c. The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan. (40 CFR 122.41(l)(1)(iii))
 - d. The planned change may result in noncompliance with permit requirements. (40 CFR 122.41(l)(2))
2. Planned Changes to Waste Stream – Under the authority of 25 Pa. Code § 92a.24(a), the permittee shall provide notice to DEP as soon as possible but no later than 45 days prior to any planned changes in the volume or pollutant concentration of its influent waste stream as a result of indirect discharges or hauled-in wastes, as specified in paragraphs 2.a. and 2.b., below. Notice shall be provided on the "Planned Changes to Waste Stream" Supplemental Report (3800-FM-BCW0482), available on DEP's website. The permittee shall provide information on the quality and quantity of waste introduced into the facility, and any anticipated impact of the change on the quantity or quality of effluent to be discharged from the facility. The Report shall be sent via Certified Mail or other means to confirm DEP's receipt of the notification. DEP will determine if the submission of a new application and receipt of a new or amended permit is required.
 - a. Introduction of New Pollutants (25 Pa. Code § 92a.24(a))

New pollutants are defined as parameters that meet all of the following criteria:

- (i) Were not detected in the facilities' influent waste stream as reported in the permit application; and
- (ii) Have not been approved to be included in the permittee's influent waste stream by DEP in writing.

The permittee shall provide notification of the introduction of new pollutants in accordance with paragraph 2 above. The permittee may not authorize the introduction of new pollutants until the permittee receives DEP's written approval.

b. Increased Loading of Approved Pollutants (25 Pa. Code § 92a.24(a))

Approved pollutants are defined as parameters that meet one or more of the following criteria:

- (i) Were detected in the facilities' influent waste stream as reported in the permittee's permit application; or
- (ii) Have been approved to be included in the permittee's influent waste stream by DEP in writing; or
- (iii) Have an effluent limitation or monitoring requirement in this permit.

The permittee shall provide notification of the introduction of increased influent loading (lbs/day) of approved pollutants in accordance with paragraph 2 above when (1) the cumulative increase in influent loading (lbs/day) exceeds 20% of the maximum loading reported in the permit application, or a loading previously approved by DEP, or (2) may cause an exceedance in the effluent of Effluent Limitation Guidelines (ELGs) or limitations in Part A of this permit, or (3) may cause interference or pass through at the facility (as defined at 40 CFR 403.3), or (4) may cause exceedances of the applicable water quality standards in the receiving stream. Unless specified otherwise in this permit, if DEP does not respond to the notification within 30 days of its receipt, the permittee may proceed with the increase in loading. The acceptance of increased loading of approved pollutants may not result in an exceedance of ELGs or effluent limitations and may not cause exceedances of the applicable water quality standards in the receiving stream.

3. Reporting Requirements for Hauled-In Wastes

a. Receipt of Residual Waste

- (i) The permittee shall document the receipt of all hauled-in residual wastes (including but not limited to wastewater from oil and gas wells, food processing waste, and landfill leachate), as defined at 25 Pa. Code § 287.1, that are received for processing at the treatment facility. The permittee shall report hauled-in residual wastes on a monthly basis to DEP on the "Hauled In Residual Wastes" Supplemental Report (3800-FM-BCW0450) as an attachment to the DMR. If no residual wastes were received during a month, submission of the Supplemental Report is not required.

The following information is required by the Supplemental Report. The information used to develop the Report shall be retained by the permittee for five years from the date of receipt and must be made available to DEP or EPA upon request.

- (1) The dates that residual wastes were received.
- (2) The volume (gallons) of wastes received.
- (3) The license plate number of the vehicle transporting the waste to the treatment facility.
- (4) The permit number(s) of the well(s) where residual wastes were generated, if applicable.

- (5) The name and address of the generator of the residual wastes.
- (6) The type of wastewater.

The transporter of residual waste must maintain these and other records as part of the daily operational record (25 Pa. Code § 299.219). If the transporter is unable to provide this information or the permittee has not otherwise received the information from the generator, the residual wastes shall not be accepted by the permittee until such time as the permittee receives such information from the transporter or generator.

- (ii) The following conditions apply to the characterization of residual wastes received by the permittee:
 - (1) If the generator is required to complete a chemical analysis of residual wastes in accordance with 25 Pa. Code § 287.51, the permittee must receive and maintain on file a chemical analysis of the residual wastes it receives. The chemical analysis must conform to the Bureau of Waste Management's Form 26R except as noted in paragraph (2), below. Each load of residual waste received must be covered by a chemical analysis if the generator is required to complete it.
 - (2) For wastewater generated from hydraulic fracturing operations ("frac wastewater") within the first 30 production days of a well site, the chemical analysis may be a general frac wastewater characterization approved by DEP. Thereafter, the chemical analysis must be waste-specific and be reported on the Form 26R.

b. Receipt of Municipal Waste

- (i) The permittee shall document the receipt of all hauled-in municipal wastes (including but not limited to septage and liquid sewage sludge), as defined at 25 Pa. Code § 271.1, that are received for processing at the treatment facility. The permittee shall report hauled-in municipal wastes on a monthly basis to DEP on the "Hauled In Municipal Wastes" Supplemental Report (3800-FM-BCW0437) as an attachment to the DMR. If no municipal wastes were received during a month, submission of the Supplemental Report is not required.

The following information is required by the Supplemental Report:

- (1) The dates that municipal wastes were received.
- (2) The volume (gallons) of wastes received.
- (3) The BOD₅ concentration (mg/l) and load (lbs) for the wastes received.
- (4) The location(s) where wastes were disposed of within the treatment facility.
- (ii) Sampling and analysis of hauled-in municipal wastes must be completed to characterize the organic strength of the wastes, unless composite sampling of influent wastewater is performed at a location downstream of the point of entry for the wastes.

4. Unanticipated Noncompliance or Potential Pollution Reporting

- a. Immediate Reporting - The permittee shall immediately report any incident causing or threatening pollution in accordance with the requirements of 25 Pa. Code §§ 91.33 and 92a.41(b).
- (i) If, because of an accident, other activity or incident a toxic substance or another substance which would endanger users downstream from the discharge, or would otherwise result in pollution or create a danger of pollution or would damage property, the permittee shall immediately notify DEP by telephone of the location and nature of the danger. Oral notification to the Department is required

as soon as possible, but no later than 4 hours after the permittee becomes aware of the incident causing or threatening pollution.

- (ii) If reasonably possible to do so, the permittee shall immediately notify downstream users of the waters of the Commonwealth to which the substance was discharged. Such notice shall include the location and nature of the danger.
 - (iii) The permittee shall immediately take or cause to be taken steps necessary to prevent injury to property and downstream users of the waters from pollution or a danger of pollution and, in addition, within 15 days from the incident, shall remove the residual substances contained thereon or therein from the ground and from the affected waters of this Commonwealth to the extent required by applicable law.
- b. The permittee shall report any noncompliance which may endanger health or the environment in accordance with the requirements of 40 CFR 122.41(l)(6). These requirements include the following obligations:
- (i) 24 Hour Reporting - The permittee shall orally report any noncompliance with this permit which may endanger health or the environment within 24 hours from the time the permittee becomes aware of the circumstances. The following shall be included as information which must be reported within 24 hours under this paragraph:
 - (1) Any unanticipated bypass which exceeds any effluent limitation in the permit;
 - (2) Any upset which exceeds any effluent limitation in the permit; and
 - (3) Violation of the maximum daily discharge limitation for any of the pollutants listed in the permit as being subject to the 24-hour reporting requirement. (40 CFR 122.44(g))
 - (ii) Written Report - A written submission shall also be provided within 5 days of the time the permittee becomes aware of any noncompliance which may endanger health or the environment. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.
 - (iii) Waiver of Written Report - DEP may waive the written report on a case-by-case basis if the associated oral report has been received within 24 hours from the time the permittee becomes aware of the circumstances which may endanger health or the environment. Unless such a waiver is expressly granted by DEP, the permittee shall submit a written report in accordance with this paragraph. (40 CFR 122.41(l)(6)(iii))

5. Other Noncompliance

The permittee shall report all instances of noncompliance not reported under paragraph C.4 of this section or specific requirements of compliance schedules, at the time DMRs are submitted, on the Non-Compliance Reporting Form (3800-FM-BCW0440). The reports shall contain the information listed in paragraph C.4.b.(ii) of this section. (40 CFR 122.41(l)(7))

PART B

I. MANAGEMENT REQUIREMENTS

A. Compliance

1. The permittee shall comply with all conditions of this permit. If a compliance schedule has been established in this permit, the permittee shall achieve compliance with the terms and conditions of this permit within the time frames specified in this permit. (40 CFR 122.41(a)(1))
2. The permittee shall submit reports of compliance or noncompliance, or progress reports as applicable, for any interim and final requirements contained in this permit. Such reports shall be submitted no later than 14 days following the applicable schedule date or compliance deadline. (25 Pa. Code § 92a.51(c), 40 CFR 122.47(a)(4))

B. Permit Modification, Termination, or Revocation and Reissuance

1. This permit may be modified, terminated, or revoked and reissued during its term in accordance with Title 25 Pa. Code § 92a.72 and 40 CFR 122.41(f).
2. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition. (40 CFR 122.41(f))
3. In the absence of DEP action to modify or revoke and reissue this permit, the permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time specified in the regulations that establish those standards or prohibitions. (40 CFR 122.41(a)(1))

C. Duty to Provide Information

1. The permittee shall furnish to DEP, within a reasonable time, any information which DEP may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. (40 CFR 122.41(h))
2. The permittee shall furnish to DEP, upon request, copies of records required to be kept by this permit. (40 CFR 122.41(h))
3. Other Information - Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to DEP, it shall promptly submit the correct and complete facts or information. (40 CFR 122.41(l)(8))
4. If the sewage treatment facility provides service in part or whole to a municipality, through a contract or agreement between the operator and municipality, an annual report shall be submitted to DEP by March 31 containing the following information, at a minimum:
 - a. The information identified in 25 Pa. Code § 94.12.
 - b. A "Solids Management Inventory" if specified in Part C of this permit.
 - c. The total volume of hauled-in residual and municipal wastes received during the year, by source.

D. General Pretreatment Requirements

Where pollutants contributed by indirect dischargers result in interference or pass through, and a violation is likely to recur, the permittee shall develop and enforce specific limits for indirect dischargers and other users, as appropriate, that together with appropriate facility or operational changes, are necessary to ensure

renewed or continued compliance with this permit or sludge use or disposal practices. The permittee shall submit a copy of such limits to DEP when developed. (25 Pa. Code § 92a.47(d))

E. Proper Operation and Maintenance

1. The permittee shall employ operators certified in compliance with the Water and Wastewater Systems Operators Certification Act (63 P.S. §§ 1001-1015.1).
2. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance includes, but is not limited to, adequate laboratory controls including appropriate quality assurance procedures. This provision also includes the operation of backup or auxiliary facilities or similar systems that are installed by the permittee, only when necessary to achieve compliance with the terms and conditions of this permit. (40 CFR 122.41(e))

F. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge, sludge use or disposal in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment. (40 CFR 122.41(d))

G. Bypassing

1. Bypassing Not Exceeding Permit Limitations - The permittee may allow a bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions in paragraphs two, three and four of this section. (40 CFR 122.41(m)(2))
2. Other Bypassing - In all other situations, bypassing is prohibited and DEP may take enforcement action against the permittee for bypass unless:
 - a. A bypass is unavoidable to prevent loss of life, personal injury or "severe property damage." (40 CFR 122.41(m)(4)(i)(A))
 - b. There are no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance. (40 CFR 122.41(m)(4)(i)(B))
 - c. The permittee submitted the necessary notice required in G.4.a. and b. below. (40 CFR 122.41(m)(4)(i)(C))
3. DEP may approve an anticipated bypass, after considering its adverse effects, if DEP determines that it will meet the conditions listed in G.2. above. (40 CFR 122.41(m)(4)(ii))
4. Notice
 - a. Anticipated Bypass – If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible, at least 10 days before the bypass. (40 CFR 122.41(m)(3)(i))
 - b. Unanticipated Bypass – The permittee shall submit oral notice of any other unanticipated bypass within 24 hours, regardless of whether the bypass may endanger health or the environment or whether the bypass exceeds effluent limitations. The notice shall be in accordance with Part A III.C.4.b.

H. Sanitary Sewer Overflows (SSOs)

An SSO is an overflow of wastewater, or other untreated discharge from a separate sanitary sewer system (which is not a combined sewer system), which results from a flow in excess of the carrying capacity of the system or from some other cause prior to reaching the headworks of the sewage treatment facility. SSOs are not authorized under this permit. The permittee shall immediately report any SSO to DEP in accordance with Part A III.C.4 of this permit.

I. Termination of Permit Coverage (25 Pa. Code § 92a.74 and 40 CFR 122.64)

1. Notice of Termination (NOT) – If the permittee plans to cease operations or will otherwise no longer require coverage under this permit, the permittee shall submit DEP's NPDES Notice of Termination (NOT) for Permits Issued Under Chapter 92a (3800-BCW-0410), signed in accordance with Part A III.B.6 of this permit, at least 30 days prior to cessation of operations or the date by which coverage is no longer required.
2. Where the permittee plans to cease operations, NOTs must be accompanied with an operation closure plan that identifies how tankage and equipment will be decommissioned and how pollutants will be managed, as applicable.
3. The permittee shall submit the NOT to the DEP regional office with jurisdiction over the county in which the facility is located.

II. **PENALTIES AND LIABILITY**

A. Violations of Permit Conditions

Any person violating Sections 301, 302, 306, 307, 308, 318 or 405 of the Clean Water Act or any permit condition or limitation implementing such sections in a permit issued under Section 402 of the Act is subject to civil, administrative and/or criminal penalties as set forth in 40 CFR §122.41(a)(2).

Any person or municipality, who violates any provision of this permit; any rule, regulation or order of DEP; or any condition or limitation of any permit issued pursuant to the Clean Streams Law, is subject to criminal and/or civil penalties as set forth in Sections 602, 603 and 605 of the Clean Streams Law.

B. Falsifying Information

Any person who does any of the following:

- Falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit, or
- Knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit (including monitoring reports or reports of compliance or noncompliance)

Shall, upon conviction, be punished by a fine and/or imprisonment as set forth in 18 Pa.C.S.A § 4904 and 40 CFR 122.41(j)(5) and (k)(2).

C. Liability

Nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance pursuant to Section 309 of the Clean Water Act or Sections 602, 603 or 605 of the Clean Streams Law.

Nothing in this permit shall be construed to preclude the institution of any legal action or to relieve the permittee from any responsibilities, liabilities or penalties to which the permittee is or may be subject to under the Clean Water Act and the Clean Streams Law.

D. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. (40 CFR 122.41(c))

III. OTHER RESPONSIBILITIES

A. Right of Entry

Pursuant to Sections 5(b) and 305 of Pennsylvania's Clean Streams Law, and Title 25 Pa. Code Chapter 92a and 40 CFR 122.41(i), the permittee shall allow authorized representatives of DEP and EPA, upon the presentation of credentials and other documents as may be required by law:

1. To enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit; (40 CFR 122.41(i)(1))
2. To have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit; (40 CFR 122.41(i)(2))
3. To inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices or operations regulated or required under this permit; and (40 CFR 122.41(i)(3))
4. To sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act or the Clean Streams Law, any substances or parameters at any location. (40 CFR 122.41(i)(4))

B. Transfer of Permits

1. Transfers by modification. Except as provided in paragraph 2 of this section, a permit may be transferred by the permittee to a new owner or operator only if this permit has been modified or revoked and reissued, or a minor modification made to identify the new permittee and incorporate such other requirements as may be necessary under the Clean Water Act. (40 CFR 122.61(a))
2. Automatic transfers. As an alternative to transfers under paragraph 1 of this section, any NPDES permit may be automatically transferred to a new permittee if:
 - a. The current permittee notifies DEP at least 30 days in advance of the proposed transfer date in paragraph 2.b. of this section; (40 CFR 122.61(b)(1))
 - b. The notice includes the appropriate DEP transfer form signed by the existing and new permittees containing a specific date for transfer of permit responsibility, coverage and liability between them; and (40 CFR 122.61(b)(2))
 - c. DEP does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue this permit, the transfer is effective on the date specified in the agreement mentioned in paragraph 2.b. of this section. (40 CFR 122.61(b)(3))
 - d. The new permittee is in compliance with existing DEP issued permits, regulations, orders and schedules of compliance, or has demonstrated that any noncompliance with the existing permits has been resolved by an appropriate compliance action or by the terms and conditions of the permit (including compliance schedules set forth in the permit), consistent with 25 Pa. Code § 92a.51 (relating to schedules of compliance) and other appropriate DEP regulations. (25 Pa. Code § 92a.71)
3. In the event DEP does not approve transfer of this permit, the new owner or operator must submit a new permit application.

C. Property Rights

The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege. (40 CFR 122.41(g))

D. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for a new permit. (40 CFR 122.41(b))

E. Other Laws

The issuance of this permit does not authorize any injury to persons or property or invasion of other private rights, or any infringement of state or local law or regulations.

IV. ANNUAL FEE

Permittees shall pay an annual fee in accordance with 25 Pa. Code § 92a.62. Annual fee amounts are specified in the following schedule and are due on each anniversary of the effective date of the most recent new or reissued permit. All flows identified in the schedule are annual average design flows. (25 Pa. Code § 92a.62)

Small Flow Treatment Facility (SRSTP or SFTF)	\$0
Minor Sewage Facility < 0.05 MGD (million gallons per day)	\$250
Minor Sewage Facility ≥ 0.05 and < 1 MGD	\$500
Minor Sewage Facility with CSO (Combined Sewer Overflow)	\$750
Major Sewage Facility ≥ 1 and < 5 MGD	\$1,250
Major Sewage Facility ≥ 5 MGD	\$2,500
Major Sewage Facility with CSO	\$5,000

As of the effective date of this permit, the facility covered by the permit is classified in the following fee category:
Minor Sewage Facility <0.05 MGD.

Invoices for annual fees will be mailed to permittees approximately three months prior to the due date. In the event that an invoice is not received, the permittee is nonetheless responsible for payment. Throughout a five year permit term, permittees will pay four annual fees followed by a permit renewal application fee in the last year of permit coverage. Permittees may contact the DEP at 717-787-6744 with questions related to annual fees. The fees identified above are subject to change in accordance with 25 Pa. Code § 92a.62(e).

Payment for annual fees shall be remitted to DEP at the address below by the anniversary date. Checks should be made payable to the Commonwealth of Pennsylvania.

PA Department of Environmental Protection
Bureau of Clean Water
Re: Chapter 92a Annual Fee
P.O. Box 8466
Harrisburg, PA 17105-8466

PART C

I. OTHER REQUIREMENTS

- A. No storm water from pavements, area ways, roofs, foundation drains or other sources shall be directly admitted to the sanitary sewers associated with the herein approved discharge.
- B. The approval herein given is specifically made contingent upon the permittee acquiring all necessary property rights by easement or otherwise, providing for the satisfactory construction, operation, maintenance or replacement of all sewers or sewerage structures associated with the herein approved discharge in, along, or across private property, with full rights of ingress, egress and regress.
- C. Collected screenings, slurries, sludges, and other solids shall be handled and disposed of in compliance with 25 Pa. Code, Chapters 75, and in a manner equivalent to the requirements indicated in Chapters 271, 273, 275, 283, and 285 (related to permits and requirements for landfilling, land application, incineration, and storage of sewage sludge), Federal Regulation 40 CFR 257, Pennsylvania Clean Streams Law, Pennsylvania Solid Waste Management Act of 1980, and the Federal Clean Water Act and its amendments. The permittee is responsible to obtain or assure that contracted agents have all necessary permits and approvals for the handling, storage, transport, and disposal of solid waste materials generated as a result of wastewater treatment.
- D. If, after the issuance of this permit, DEP approves a municipal sewage facilities official plan or an amendment to an official plan under Act 537 (Pennsylvania Sewage Facilities Act, the Act of January 24, 1966, P.L. 1535 as amended) in which sewage from the herein approved facilities will be treated and disposed of at other planned facilities, the permittee shall, upon notification from the municipality or DEP, provide for the conveyance of its sewage to the planned facilities, abandon use and decommission the herein approved facilities including the proper disposal of solids, and notify DEP accordingly. The permittee shall adhere to schedules in the approved official plan, amendments to the plan, or other agreements between the permittee and municipality. This permit shall then, upon notice from DEP, terminate and become null and void and shall be relinquished to DEP.