pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Northeast Regional Office
CLEAN WATER PROGRAM

NPDES PERMIT 2nd FACT SHEET

Application Type	**Renewal**	Application No.	**PA0027693**
Facility Type	**Sewage**	APS ID	**626326**
Major / Minor	**Major**	Authorization ID	**1243149**

Applicant and Facility Information

Applicant Name	**Minersville Borough Sewer Authority Schuylkill County**	Facility Name	**Minersville Sewer Authority WWTP**
Applicant Address	2 E Sunbury Street Minersville, PA 17954-1719	Facility Address	State Route 901 Minersville, PA 17954
Applicant Contact	Robert Mahalchick BobMahalchick@minersville.comcastbiz.net	Facility Contact	Raymond Sukeena rsukeena@hotmail.com
Applicant Phone	(570) 544-2149	Facility Phone	(570) 544-6843
Client ID	74952	Site ID	258146
SIC Code	4952	Municipality	Minersville Borough
SIC Description	Trans. & Utilities - Sewerage Systems	County	Schuylkill
Date Application Received	August 27, 2018	EPA Waived?	No
Date Application Accepted	August 27, 2018	If No, Reason	Major Facility
Purpose of Application	RENEWAL OF EXISTING NDPES PERMIT.		

Summary of 2nd Review

This Second Draft Permit is necessary to respond to comments received concerning the April 6, 2021 first draft

The EPA completed its review of the first draft and commented on the following 3 items:

1. Schuylkill River PCB TMDL, Upper Schuylkill River, and West Branch Schuylkill River Watershed TMDLs
2. WET Testing
3. CSO requirements

For this Second Draft the PaDEP's responses are:

1. <u>West Branch Schuylkill River TMDL</u>
The West Branch Schuylkill River is affected by pollution from AMD. This pollution has caused high levels of metals in West Branch Schuylkill River. Major sources of AMD occur at two (2) abandoned deep mine discharges named the Oak Hill/Pine Knot Tunnel, and the Oak Hill Boreholes. Reclaim PA is DEP's initiative designed to maximize reclamation of the state's quarter million acres of abandoned mineral extraction lands. Sewage is not considered a source of AMD. The TMDL states the following acceptable WQC for other dischargers:

Approve	Return	Deny	Signatures	Date
x			Bernard Feist (signed) Bernard Feist, P.E. / Environmental Engineer	May 17, 2021
x			Amy M. Bellanca (signed) Amy M. Bellanca, P.E. / Environmental Engineer Manager	5-19-21

Table 3. Applicable Water Quality Criteria

Parameter	Criterion Value (mg/l)	Total Recoverable/Dissolved
Aluminum (Al)	0.75	Total Recoverable
Iron (Fe)	1.50	30-day average; Total
Manganese (Mn)	1.00	Total Recoverable
pH *	6.0-9.0	N/A

Upper Schuylkill River TMDL

Refer to the West Branch Schuylkill River explanation. Sewage is not considered a source of AMD. The TMDL states the following WQC for other dischargers:

Table 3. Applicable Water Quality Criteria

Parameter	*Criterion Value (mg/l)*	*Total Recoverable/Dissolved*
Aluminum (Al)	0.75	Total Recoverable
Iron (Fe)	1.50	30-day average; Total
Manganese (Mn)	1.00	Total Recoverable
pH *	6.0-9.0	N/A

Schuylkill River PCB TMDL

The Schuylkill River, from Felix Dam in Berks County to Fairmount Dam in Philadelphia was listed in 1996 and 1998 under section 303(d) of the Clean Water Act as impaired because excessive levels of PCB and chlordane were found in fish tissue, resulting in fish consumption advisories.

As Stated in the original Fact sheet -*Since the AMD TMDLs did not consider sewage dischargers, there are no WLAs to apply.*

Industrial Pretreatment standards are monitored by the EPA.

In general, DEP establish limits in the draft permit where the effluent concentration exceeds 50% of the WQBEL. For non-conservative pollutants, in general, establish monitoring requirements where the effluent concentration determined is between 25% - 50% of the WQBEL. For conservative pollutants, in general, establish monitoring requirements where the effluent concentration determined is between 10% - 50% of the WQBEL.

2. WET Testing

Quarterly WET testing was performed during the first year of the last permit with annual sampling thereafter. Results are reviewed by the regional biologist. Limits for *Ceriodaphnia dubia* and *Pimephales promelas* were established in the 2013 permit renewal and are carried forward. The permittee completed 10 sampling events between 2014 and 2020. Annual sampling will continue with this permit renewal.

3. CSO's

The second draft will more conform with agreed upon language for review.

Summary of 2nd Review

Part C Language Changes

II. COMBINED SEWER OVERFLOWS

C. Implementation of Long-Term Control Plan

1. The permittee's Long-Term Control Plan (LTCP) and schedule are incorporated by reference into this NPDES Permit. The permittee shall implement the LTCP as set forth in paragraph C.2, below.

2. CSO Water Quality-Based Effluent Limit

The permittee shall comply with a minimum of one of the following under design conditions:

- A planned control program that has been demonstrated to be adequate to meet the water quality-based requirements of the CWA ("demonstration approach"), or

- A minimum level of treatment that is presumed to meet the water quality-based requirements of the CWA, unless data indicate otherwise ("presumption approach"):

a. Eliminate or capture for treatment, or storage and subsequent treatment, at least 85% of the system-wide combined sewage volume collected in the combined sewer system during precipitation events under design conditions; or

b. Discharge no more than an average of [4, 5, or 6] overflow events per year; or

c. Eliminate or remove no less than the mass of the pollutants identified as causing water quality impairment, for the volumes that would be eliminated or captured for treatment under the 85% capture by volume approach.

- E. coli monitoring must be included in Post-construction compliance monitoring (PCCM) plans to verify compliance with water quality standard and designated uses.

3. LTCP Implementation Schedule

The permittee shall implement the LTCP in accordance with the following schedule:

Milestone	Completion Date
Continue Implementation of the NMCs & LTCP	Permit effective date
Submit new LTCP with the Item C.2 selection	Within 180 days of permit effective date
Submit Annual CSO Status Report to Department with Chapter 94 Report	March 31 of each year
Submit LTCP Progress Report	March 31 of each year
Submit DMR Supplemental Reports for CSOs	Within 28 days of the end of each month
Submit Final LTCP to meet Selected Item C.2 with minimum CSO E-Coli reporting	June 2024
Submit Final Post-construction compliance monitoring (PCCM) Plan	June 2025
LTCP Final Compliance Date	December 31, 2041

Summary of 2nd Review

Referenced First Draft Permit and First Fact Sheet

PA0027693_NPDES_PERMIT_Draft.pdf

PA0027693_FACT_SHEET_2021.pdf