

Application Type Amendment,
Major

Facility Type Sewage

Major / Minor Minor

NPDES PERMIT FACT SHEET ADDENDUM

Application No. PA0028193 A-1

APS ID 1124949

Authorization ID 1505075

Applicant and Facility Information

Applicant Name	<u>McCandless Township Sanitary Authority</u>	Facility Name	<u>Longvue #2 STP</u>
Applicant Address	<u>418 Arcadia Drive</u> <u>Pittsburgh, PA 15237-5557</u>	Facility Address	<u>Sunderland Drive</u> <u>Pittsburgh, PA 15237</u>
Applicant Contact	<u>William Youngblood</u>	Facility Contact	<u>Edward Bricker</u>
Applicant Phone	<u>(412) 364-2119</u>	Facility Phone	<u>(724) 935-8050</u>
Client ID	<u>75745</u>	Site ID	<u>250310</u>
SIC Code	<u>4952</u>	Municipality	<u>Ross Township</u>
SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>	County	<u>Allegheny</u>
Date Application Received	<u>October 29, 2024</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>November 1, 2024</u>	If No, Reason	
Purpose of Application	<u>Application for NPDES permit amendment for discharge of treated Sewage</u>		

Internal Review and Recommendations

NPDES Permit No. PA0028193 was issued on November 22, 2022 and became effective on January 1, 2023. That permit established a more restrictive WQBEL for total copper that is to take effect on January 1, 2025 as further discussed in Part A & C of the permit.

WQM Permit No. 8046 authorized the construction of the plant to treat an annual average design flow of 0.1 MGD and later amended, January 27, 2020, to install a UV system to replace the existing chlorine system for disinfection purposes.

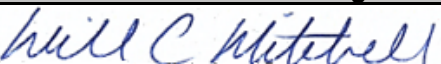

The existing treatment process consists of primary clarification, a trickling filter, secondary clarification, and UV disinfection. The design organic capacity is 680 lbs/day.

The receiving stream, Unnamed Tributary to Girtys Run, is currently classified as a WWF and is located in State Watershed No. 18-A.

The Authority has submitted this amendment application to request an additional year to comply with the final effluent total copper limit. Part A.I.A, Part A.I.B and Part C.III has been revised to state that the final effluent total copper limit will take effect on January 1, 2026 (previously January 1, 2025).

The Authority did not conduct a TRE, Site-Specific Data Collection and did not submit a Final WQBEL Compliance Report, as required by the existing permit. Instead they decided to install end of pipe treatment technology to meet the final effluent total copper limit and submitted a pilot study to the Department.

The initial pilot study was submitted on February 17, 2023, was approved on March 1, 2023, and sampling started on April 1, 2023. In a later progress report, the Authority informed the Department that the StormBasin heavy metal cartridge filter was

Approve	Return	Deny	Signatures	Date
X			 William C. Mitchell, E.I.T. / Project Manager	November 6, 2024
X			 Mahbuba Iasmin, Ph.D., P.E. / Environmental Engineering Manager	November 12, 2024

Internal Review and Recommendations

not performing as expected and that they are now exploring the use of the Ovivo ultraBLOX SiC membrane filters. The Authority has requested an additional year to comply with the final effluent total copper limit and will follow the compliance schedule below:

- New Pilot Study to DEP for review – February 1, 2025
- Pilot Study starts – March 1, 2025
- Pilot Study ends – April 30, 2025
- WQM Permit submission – May 30, 2025
- Operational – Jan 1, 2026

The only changes being made to the existing permit is to Part A.I.A, Part A.I.B & Part C.III to reflect a final compliance date of January 1, 2026.

Please note Part B.D.4 has been added to permit to be consistent with Statewide POTW General Pretreatment Requirements, which states the following:

“Each POTW without an approved Pretreatment Program shall, within six (6) months of the permit effective date, develop a list of Industrial Users (IUs) in industry categories expected or suspected of per- and polyfluoroalkyl substance (PFAS) discharges to the POTW and submit the list to EPA at EPA_R3_Pretreatment@epa.gov and to DEP at RA-EPNPDES_PERMITS@pa.gov. These industry categories shall include airports; centralized waste treatment; electroplating; electric and electronic components; fire training; landfills; leather tanning & finishing; metal finishing; organic chemicals, plastics & synthetic fibers (OCPSF); paint formulating; plastics molding & forming; pulp, paper & paperboard; textile mills; sites known or suspected of PFAS contamination; and any other sources expected or suspected of PFAS discharges. The list must contain the names, addresses, NAICS codes, and industry categories (as listed above) of any IUs identified.”

Draft permit issuance is recommended.