

Application Type Renewal
Facility Type Sewage
Major / Minor Major

**NPDES PERMIT FACT SHEET
ADDENDUM #2**

Application No. PA0026557
APS ID 787577
Authorization ID 937228

Applicant and Facility Information

Applicant Name	<u>Sunbury City Municipal Authority</u>	Facility Name	<u>Sunbury Municipal Authority</u>
Applicant Address	<u>462 S. 4th Street</u> <u>Sunbury, PA 17801-3134</u>	Facility Address	<u>462 S. 4th Street</u> <u>Sunbury, PA 17801-3134</u>
Applicant Contact	<u>Michael Kerstetter</u>	Facility Contact	<u>Michael Kerstetter</u>
Applicant Phone	<u>(570) 988-1930</u>	Facility Phone	<u>(570) 988-1930</u>
Client ID	<u>41774</u>	Site ID	<u>249013</u>
SIC Code	<u>4952</u>	Municipality	<u>Sunbury City</u>
SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>	County	<u>Northumberland</u>
Date Published in PA Bulletin	<u>June 12, 2021</u>	EPA Waived?	<u>No</u>
Comment Period End Date	<u>July 12, 2021</u>	If No, Reason	<u>Major Facility, Significant CB Discharge</u>
Purpose of Application	<u>Application for a renewal of an NPDES permit for discharge of treated Sewage.</u>		

Internal Review and Recommendations

US EPA provided comments in an email, dated June 21, 2021. EPA's first comment questioned if Outfall 005-A would be considered a CSO related bypass given that the combined sewage is received at the headworks but the waste streams are intentionally diverted from any portion of a treatment facility of the treatment plant before it discharges at this outfall. This Outfall 005-A would be considered a CSO related bypass as it only receives solids and floatables removal before being diverted from the rest of the treatment system prior to discharge. EPA has also noted that these bypasses must receive primary clarification, solids and floatables removal, and disinfection and requested that the Department add the standard CSO Related Bypass Part C condition. In lieu of the standard bypass condition, a compliance schedule will be added that will require the permittee to update the existing LTCP and achieve compliance with CSO related bypass requirements. The permittee will be required to ensure that bypass flows receive primary clarification, solids and floatables removal, and disinfection prior to discharge from outfall 005-A. It is to be noted that the facility may be able to immediately institute operational changes to prevent bypass events (i.e. increase discharges through the other CSO's to reduce the flow to the plant and discontinue the need for a "bypass"). The proposed Part C condition, provided below, will require the permittee to update the LTCP with 1 year of permit issuance. The update to the plan will address how they will remove or properly treat the CSO related bypasses. The Part C condition will also require them to implement the changes to the LTCP by year 4 of the permit.

Additionally, during the comment period, the permittee will be required to provide an updated schematic of the facility as requested by EPA. The updated document will include outfall 005-A and will be attached to the final fact sheet addendum.

EPA also provided multiple comments relating to the Post-construction compliance monitoring (PCCM) plans. The Department has determined that the permittee's PCCM is not adequate and must be revised. Specific elements of the PCCM may be incorporated into the permit once this update has been completed. The Department will specifically note the following

Approve	Return	Deny	Signatures	Date
X			<i>Jonathan P. Peterman</i> Jonathan P. Peterman / Project Manager	September 30, 2021
X			<i>Nicholas W. Hartranft</i> Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	October 22, 2021
X			<i>Thomas M. Randis</i> Thomas M. Randis / Program Manager	October 26, 2021

Internal Review and Recommendations

requirement to ensure it is included in this update “E. coli monitoring must be included in Post-construction compliance monitoring (PCCM) plans to verify compliance with water quality standard and designated uses.”

It was requested that “Design Conditions” in Part C.II.C.2 of the permit be defined in the permit. This terminology is adequate and will remain. EPA also noted that “Presumptive Approach” does not need to be listed as a milestone in Part C.II.C.3. This milestone will be removed.

New Part C Condition:

IV. SCHEDULE OF COMPLIANCE

A. The permittee shall achieve compliance with CSO bypass requirements by adding primary clarification and disinfection prior to discharge from Outfall 005-A or terminate this discharge in accordance with the following schedule:

- | | |
|---|-----------------|
| 1. Submit CSO Long-Term Control Plan (LTCP) | January 1, 2023 |
| 2. Complete CSO LTCP Implementation | January 1, 2026 |

B. No later than 14 calendar days following a date identified in the above schedule of compliance, the permittee shall submit to DEP a written notice of compliance or non-compliance with the specific schedule requirement. Each notice of non-compliance shall include the following information:

1. A short description of the non-compliance.
2. A description of any actions taken or proposed by the permittee to comply with the elapsed schedule requirement.
3. A description of any factors which tend to explain or mitigate the non-compliance.
4. An estimate of the date that compliance with the elapsed schedule requirement will be achieved and an assessment of the probability that the next scheduled requirement will be met on time.

No comments were received from the public. The abovementioned changes have been incorporated and the permit will be re-drafted for an additional 30-day comment period.

Peterman, Jonathan

From: Fulton, Jennifer <Fulton.Jennifer@epa.gov>
Sent: Monday, June 21, 2021 5:27 PM
To: Peterman, Jonathan
Cc: Furjanic, Sean; Schumack, Maria; Hartranft, Nicholas; Martinsen, Jessica; Hales, Dana; Crane, Rebecca
Subject: [External] PA0026557 Sunbury City Municipal Authority
Attachments: 4 15 POLICY WP Memo to Begin Rulemaking Chapter 92a - final approved.pdf; CSO_LETTER_TO_EPA_09June2020_.pdf

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Hello Jonathan,

According to our Memorandum of Agreement, the Environmental Protection Agency (EPA) Region III has received the draft National Pollutant Discharge Elimination System (NPDES) permit for:

Sunbury City Municipal Authority
Permit Number: PA0026557
EPA Received: January 22, 2021
30-day response due date: February 21, 2021

This is a major permit that discharges to Shamokin Creek, and is a significant Chesapeake Bay discharger. The Municipal Authority of the City of Sunbury currently maintains and operates an EPA-approved pretreatment program. EPA has chosen to perform a limited review of the draft permit based on the wasteload allocation requirements of the approved Chesapeake Bay Watershed TMDL, and CSO requirements. EPA has completed its review and offers the following comments:

1. We would like to note that EPA's review of the CSO portion of this permit reflects the recent understanding between the EPA Region III Water Director and PADEP Deputy Secretary for Water Programs regarding how to proceed with reissuance of permits with CSOs and LTCPs consistent with Section 402(q) of the CWA and EPA's 1994 CSO Policy. As you know, consistent with that understanding, PADEP has committed to making changes to its CSO program as noted in the its June 9, 2020 letter to EPA and its April 15, 2020 memo (see attached). PADEP's memo documents its commitment to initiate the regulatory revisions process for modifying its compliance schedule regulations at 25 Pa. Code § 92a.51(a), so that schedules for LTCP implementation can be placed in an NPDES permit. PADEP will draft CSO permits using the template language agreed upon by PADEP and EPA. EPA notes that once PADEP's compliance schedule regulations are revised and final, the template language will need to be modified to incorporate a CSO compliance schedule that meets the requirements of 40 CFR 122.47 and includes the final compliance date for LTCP implementation. EPA's Phase 2 e-Reporting rule requires electronic reporting of Sewer Overflow/Bypass Events, and PADEP will need to make modifications to this template that will be necessary to address the requirements of the e-Reporting rule that is effective at the time that the permit is issued.

In addition, consistent with the understanding between EPA and PADEP, since PADEP's proposed seasonal E. coli became effective in March 2021, PADEP will begin to incorporate E. coli monitoring in subsequently reissued NPDES permits and ensure it is included in CSO post-construction compliance

monitoring (PCCM) plans to verify compliance with water quality standards and designated uses. Consistent with the CSO Policy, EPA notes that there will also need to be a requirement added to implement a PCCM plan with an established schedule in NPDES permits once a facility begins to implement its approved plan.

EPA offers the following comments based on the Sunbury City Municipal Authority draft permit and supporting documents:

1. Regarding the LTCP:

- a. According to the LTCP on page 4 of 36, Outfall 005A is described as the “Wastewater Treatment Plant Outfall, Outfall #5A which discharges into the Shamokin Creek, after the CSS flow has received primary clarification at the head of the plant. The floatables, large solids, and finer settleable solids are removed before the CSS flow is pumped to the river.” Based on our review of the LTCP, the flow does not appear to receive secondary treatment or disinfection of effluent. Is Outfall 005-A a CSO related bypass? Our office requests that PADEP provide clarity whether Outfall 005-A is a CSO related bypass. We may need to have a discussion about this so we can better understand what is occurring and whether it is something that needs to be addressed in the permit.

2. Regarding the Fact Sheet:

- a. The Fact Sheet does not provide sufficient discussion on the implementation of the permittee’s CSO PCCM. Our office suggests including detailed information in the Fact Sheet regarding Sunbury CSO compliance monitoring efforts; as well as is the Authority properly assessing for compliance with water quality standards.
- b. EPA recommends that the Fact Sheet include an updated flow schematic of the treatment plant that includes the Outfall 005-A. The schematic from the 2014 draft permit package Appendix E is dated 2012 and does not include Outfall 005-A.

3. Regarding the Draft Permit:

- a. Draft Permit Part C.II.C.2. states the “permittee shall comply with the following performance standards that apply during **design conditions**”. Our office recommends that PADEP include specific conditions upon which the controls are based.
- b. We understand that PA’s triennial review has been approved and the seasonal E. coli standard is now effective. Since the PCCM is currently being implemented, the Permit should be revised to include E. Coli monitoring. Suggested language is: “E. coli monitoring must be included in Post-construction compliance monitoring (PCCM) plans to verify compliance with water quality standard and designated uses.” Additionally, the Permit should be revised to include the elements of the PCCM plan currently being implemented by the Authority.
- c. Upon review of the LTCP compliance schedule in Permit Part C.II.C.3., the Milestone “Presumption Approach” does not need to be indicated as completed in the final Permit. It would be appropriate for this to be further explained in the Fact Sheet, and the 85% capture performance standard would be understood to apply now.

- d. The compliance schedule in Permit Part C.II.C.3 should be revised to incorporate the milestones of the current PCCM.
- e. It is unclear whether Outfall 005-A is a CSO Related Bypass. If outfall 005-A is a CSO Related Bypass, Part C.II.C. would need to be revised to include CSO Related Bypass Language. As stated above, EPA may want to discuss this further with PADEP to ensure the CSO Policy expectations for CSO-related bypasses are being met.

Thank you for all of your discussions regarding this permit. Please address the above and provide us with any changes to the draft permit and/or fact sheet, if necessary. Please contact Rebecca Crane on my staff via telephone at 215-814-2389 or via electronic mail at crane.rebecca@epa.gov if you have any questions.

Sincerely,

Jen Fulton

Jennifer Fulton, Acting Chief
Clean Water Branch
Water Division (3WD40)
U.S. EPA Region 3
304-234-0248