

Application Type DEP-Initiated Major Amendment
 Facility Type Municipal
 Major / Minor Minor

**NPDES PERMIT FACT SHEET
INDIVIDUAL SEWAGE**

Application No. PA0205681 A-1
 APS ID 1088487
 Authorization ID 1439674

Applicant and Facility Information

Applicant Name	<u>Somerset Township Municipal Authority</u>	Facility Name	<u>SCI Somerset STP</u>
Applicant Address	<u>PO Box 247</u> <u>Somerset, PA 15501-0247</u>	Facility Address	<u>1450 Walters Mill Rd</u> <u>Somerset, PA 15501-0247</u>
Applicant Contact	<u>Carolyn Zambanini</u>	Facility Contact	<u>Same as applicant</u>
Applicant Phone	<u>(814) 445-5842</u>	Facility Phone	<u>Same as applicant</u>
Client ID	<u>25312</u>	Site ID	<u>487079</u>
Ch 94 Load Status	<u>Not Overloaded</u>	Municipality	<u>Black Township</u>
Connection Status	<u>No Limitations</u>	County	<u>Somerset</u>
Date Application Received	<u>May 11, 2023</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>May 11, 2023</u>	If No, Reason	<u></u>
Purpose of Application	<u>Permit amendment to correct errors in previously-issued NPDES Permit.</u>		

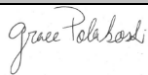
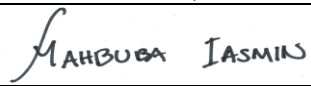
Summary of Review

NPDES Permit PA0205681 was previously issued on November 14, 2022 and expires on November 30, 2027. The purpose of this amendment is to remove a redundant TRC limit in Part A.I.E and update WQBEL values in Part C.III.A of the permit. No other changes to the permit or compliance schedules will be made. It also corrects a typo in the NPDES permit that previously identified the receiving stream as Laurel Run when the receiving stream is actually UNT to Laurel Run.

Sludge use and disposal description and location(s): Mostollars Landfill, 7095 Glades Pike Rd, Somerset, 15501

Public Participation

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

Approve	Deny	Signatures	Date
X		 Grace Polakoski, E.I.T. / Environmental Engineering Specialist	May 12, 2023
X		 Mahbuba Iasmin, Ph.D., P.E. / Environmental Engineer Manager	May 18, 2023

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the “NPDES Permit Writer’s Manual” (362-0400-001), SOPs and/or BPJ.

Outfall 001, Effective Period: December 1, 2022 through November 30, 2024.

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		
Copper, Total (ug/L)	XXX	XXX	XXX	Report	Report Daily Max	XXX	1/week	24-Hr Composite
Zinc, Total (ug/L)	XXX	XXX	XXX	Report	Report Daily Max	XXX	1/week	24-Hr Composite

Compliance Sampling Location: Outfall 001

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	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		
Total Residual Chlorine (TRC)	XXX	XXX	XXX	0.06	XXX	0.18	1/day	Grab

Compliance Sampling Location: Outfall 001

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	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		
Total Residual Chlorine (TRC)	XXX	XXX	XXX	0.009	XXX	0.031	1/day	Grab

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	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		
Copper, Total (ug/L)	XXX	XXX	XXX	9.15	13.7 Daily Max	13.7	1/week	24-Hr Composite
Zinc, Total (ug/L)	XXX	XXX	XXX	117.0	118.0 Daily Max	118	1/week	24-Hr Composite

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Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Weekly Average	Minimum	Average Monthly	Weekly Average	Instant. Maximum		
Flow (MGD)	0.420	Report Daily Max	XXX	XXX	XXX	XXX	Continuous	Recorded
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/day	Grab
Dissolved Oxygen	XXX	XXX	5.0 Inst Min	XXX	XXX	XXX	1/day	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5)	35.0	52.5	XXX	10.0	15.0	20	1/week	24-Hr Composite
Biochemical Oxygen Demand (BOD5) Raw Sewage Influent	Report	Report Daily Max	XXX	Report	XXX	XXX	1/week	24-Hr Composite
Total Suspended Solids	35.0	52.5	XXX	10.0	15.0	20	1/week	24-Hr Composite
Total Suspended Solids Raw Sewage Influent	Report	Report Daily Max	XXX	Report	XXX	XXX	1/week	24-Hr Composite
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	10000	1/week	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	1000	1/week	Grab
E. Coli (No./100 ml)	XXX	XXX	XXX	XXX	XXX	Report	1/quarter	Grab
Total Nitrogen	XXX	XXX	XXX	XXX	Report Daily Max	XXX	1/year	24-Hr Composite
Ammonia-Nitrogen Nov 1 - Apr 30	9.28	XXX	XXX	2.65	XXX	5.3	1/week	24-Hr Composite
Ammonia-Nitrogen May 1 - Oct 31	6.66	XXX	XXX	1.9	XXX	3.8	1/week	24-Hr Composite

Outfall 001 , Continued (from Permit Effective Date through Permit Expiration Date)

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Weekly Average	Minimum	Average Monthly	Weekly Average	Instant. Maximum		
Total Phosphorus	XXX	XXX	XXX	XXX	Report Daily Max	XXX	1/year	24-Hr Composite
Aluminum, Total	XXX	XXX	XXX	XXX	Report Daily Max	XXX	1/year	24-Hr Composite
Iron, Total	XXX	XXX	XXX	XXX	Report Daily Max	XXX	1/year	24-Hr Composite
Manganese, Total	XXX	XXX	XXX	XXX	Report Daily Max	XXX	1/year	24-Hr Composite

Compliance Sampling Location: Outfall 001