

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

**NPDES PERMIT FACT SHEET
INDIVIDUAL SFTF/SRSTP**

Application No. PA0261858
APS ID 1144236
Authorization ID 1538595

Applicant, Facility and Project Information

Applicant Name	<u>Mark Waite</u>	Facility Name	<u>54 Locust Rd SRSTP</u>
Applicant Address	<u>54 Locust Road</u> <u>Boyertown, PA 19512-7676</u>	Facility Address	<u>54 Locust Road</u> <u>Boyertown, PA 19512-7676</u>
Applicant Contact	<u>Mark Waite</u>	Facility Contact	<u>Mark Waite</u>
Applicant Phone	<u>(215) 760-3020 / wait2870@hotmail.com</u>	Facility Phone	<u>(215) 760-3020</u>
Client ID	<u>394765</u>	Site ID	<u>760461</u>
SIC Code	<u>8811</u>	Municipality	<u>Douglass Township</u>
SIC Description	<u>Services - Private Households</u>	County	<u>Berks</u>
Date Application Received	<u>August 22, 2025</u>	WQM Required	<u>Previously issued, now transferred</u>
Date Application Accepted	<u>August 25, 2025</u>	WQM App. No.	<u>0612402 T-1</u>
Project Description	<u>Renewal of sewage permit in new owner's name</u>		

Summary of Review

The renewal application and transfer application were received together. The existing NPDES permit was issued August 31, 2020, with an expiration date of August 31, 2025. The existing permit was administratively extended by the DEP before the expiration date. The WQM permit will be transferred with the final NPDES permit.

Past AMRs were reviewed. (The two most recently submitted AMRs are attached.) Pumping records and the most recent lab results were submitted with the application. Because the latest lab results showed higher concentrations than the annual average permit limits, the individual permit has not been switched into DEP's general permit for Small Flow Treatment Facilities (and Single Residence Sewage Treatment Plants) at this time.

According to the Fact Sheet associated with the original NPDES permit, issued in 2012:

- the DEP Sewage Planning Approval was A3-06930-108-3S;
- the discharge is to a dry stream that enters Ironstone Creek.

Unresolved Violations

There are no open violations for this client according to DEP's Client History Summary Report.
There are no unpaid Chapter 92a annual fees according to DEP's Chapter 92a/NOI Annual Fees Unpaid report.

Delaware River Basin Commission

This facility discharges to a waterway within the Delaware River watershed. The fact sheet and draft permit will therefore be forwarded to the Delaware River Basin Commission (DRBC) in accordance with State regulations and an interagency agreement. Any comments by the DRBC will be considered.

Approve	Deny	Signatures	Date
x		<i>Bonnie Boylan</i> Bonnie Boylan / Environmental Engineering Specialist	February 26, 2026
x		<i>Maria D. Bebenek for</i> Daniel W. Martin, P.E. / Environmental Engineer Manager	March 25, 2026

Summary of Review

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.

Discharge, Receiving Waters and Water Supply Information

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude	<u>40° 17' 26.32"</u>	Longitude	<u>-75° 40' 52.98"</u>
Quad Name	<u></u>	Quad Code	<u></u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Dry stream into Ironstone Creek (TSF, MF)</u>	Stream Code	<u>1658</u>
NHD Com ID	<u>25965574</u>	RMI	<u>0.64, approximate 0.68 in 2012 permit</u>
Drainage Area	<u>Modeling not conducted for SFTFs</u>	Yield (cfs/mi ²)	<u></u>
Q ₇₋₁₀ Flow (cfs)	<u>Modeling not conducted for SFTFs</u>	Q ₇₋₁₀ Basis	<u></u>
Elevation (ft)	<u>Modeling not conducted for SFTFs</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>3-D</u>	Chapter 93 Class.	<u>TSF, MF (Trout Stocked Fish, Migratory Fish)</u>
Existing Use	<u>(No difference)</u>	Existing Use Qualifier	<u>-</u>
Exceptions to Use	<u>-</u>	Exceptions to Criteria	<u>-</u>
Assessment Status	<u>Impaired for recreational uses (Assessment 19202)</u>		
Cause(s) of Impairment	<u>pathogens</u>		
Source(s) of Impairment	<u>unknown</u>		
TMDL Status	<u>none</u>	Name	<u></u>

Secondary Receiving Waters:

- Empties into Manatawny Creek at RMI 3.9, stream code 1655, designated use CWF and MF use. Also impaired for recreational uses due to pathogens (assessment 19222), no TMDL
- Manatawny Creek empties into Schuylkill River at RMI 54.6

Background/Ambient Data – no modeling done	Data Source
pH (SU)	<u></u>
Temperature (°F)	<u></u>
Hardness (mg/L)	<u></u>
Other:	<u></u>
Nearest Downstream Public Water Supply Intake	<u>PA American Royersford, 3.7 MGD pump capacity</u>
PWS Waters	<u>Schuylkill River</u>
PWS RMI	<u>Approx.. 46.5</u>
	Flow at Intake (cfs) <u></u>
	Distance from Outfall (mi) <u>12 miles, approx</u>

Other Comments:

Upstream portion of Ironstone Creek has an existing use of CWF, MF (Cold Water Fish, Migratory Fish)

Neither Ironstone Creek nor Manatawny Creek are considered Class A Trout waters

EXISTING PERMIT LIMITS , OUTFALL 001:

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day)		Concentrations (mg/L)				Minimum Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Annual Average	Maximum	Instant. Maximum		
Flow (MGD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
CBOD5	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/year	Grab

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

at Outfall 001

NOTE:
WMS software does not accept 'Geometric Mean' as Statistical Base Code (SBC) when reporting period is annual; it only accepts an SBC of Annual Average or Daily Maximum.

DEP Inspections:

7/24/2025 – No violations. The current permits require transfer to the new homeowners, as the existing permittee has relinquished ownership of the property (Property ID #41537502755222). Notes: The existing permittee is deceased...The NPDES permit is within 180 days of expiration at the time of the inspection and will expire on August 31, 2025. Mr. Waite is preparing to submit all transfer and renewal paperwork and has stated his intent to complete submissions before the permit expires.All tank [lids] were observed to be bolted down during the inspection. The system consists of a 1500 gallon two compartment septic tank, which flows by gravity to an Advantex AX-20 Orenco textile media filter. The flow conveys by gravity to the UV system. The UV bulb was not inspected, though Mr. Waite stated it was recently replaced.

Within 30 days of the receipt of this report, please ensure you submit an Annual Maintenance Report for 2024 to the Department containing the following information if it is available: 1) Lab Results collected in 2024. 2) Sludge Hauling if conducted in 2024, 3) Annual Inspection with a qualified person, in 2024 if applicable. If information is not available, please include a comment on the AMR stating why

SF-6	Does the system have a service provider who is a licensed wastewater operator or trained on the O&M of their specific system? Notes: Christman's Septic Service.	Yes	
SF-7	Who is the service provider?	See SF-6	
SF-8	Is the treatment facility a proprietary system in its first permit cycle?	No	
SF-10	Has the service provider conducted an inspection of the system in the last year? Notes: The system was inspected prior to the inspection by Christman's Septic Service.	Yes	
SF-11	When was the system last inspected? Notes: Performed prior to the CEI.	07/24/2025	

SF-40	Are all treatment units and system components operable, in good condition and structurally sound?	Yes	
SF-41	Is the system free of evidence of overflows and spills?	Yes	

DP-1	Effluent Observations Notes: The effluent flow was very clear at the time of the inspection. No build up of solids were observed. The pipe discharges to an ephemeral tributary to Ironstone Creek.	See remarks.	
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12/04/2020 – Administrative Inspection. No violations. Annual sample collected on 7/8/2019 indicated an IMAX violation of CBOD5. Result was 51.3 mg/L... Additional samples collected on 7/23/2019 and 2/6/2019 were within permit limits. Annual average CBOD5 was determined to be 20 mg/L. Permit limit is 10 mg/L. Annual average TSS was determined to be 8.5 mg/L and is within permit limit. Christmas Septic Service inspected tanks on 6/1/2019 and pumped tanks on 6/25/2019.

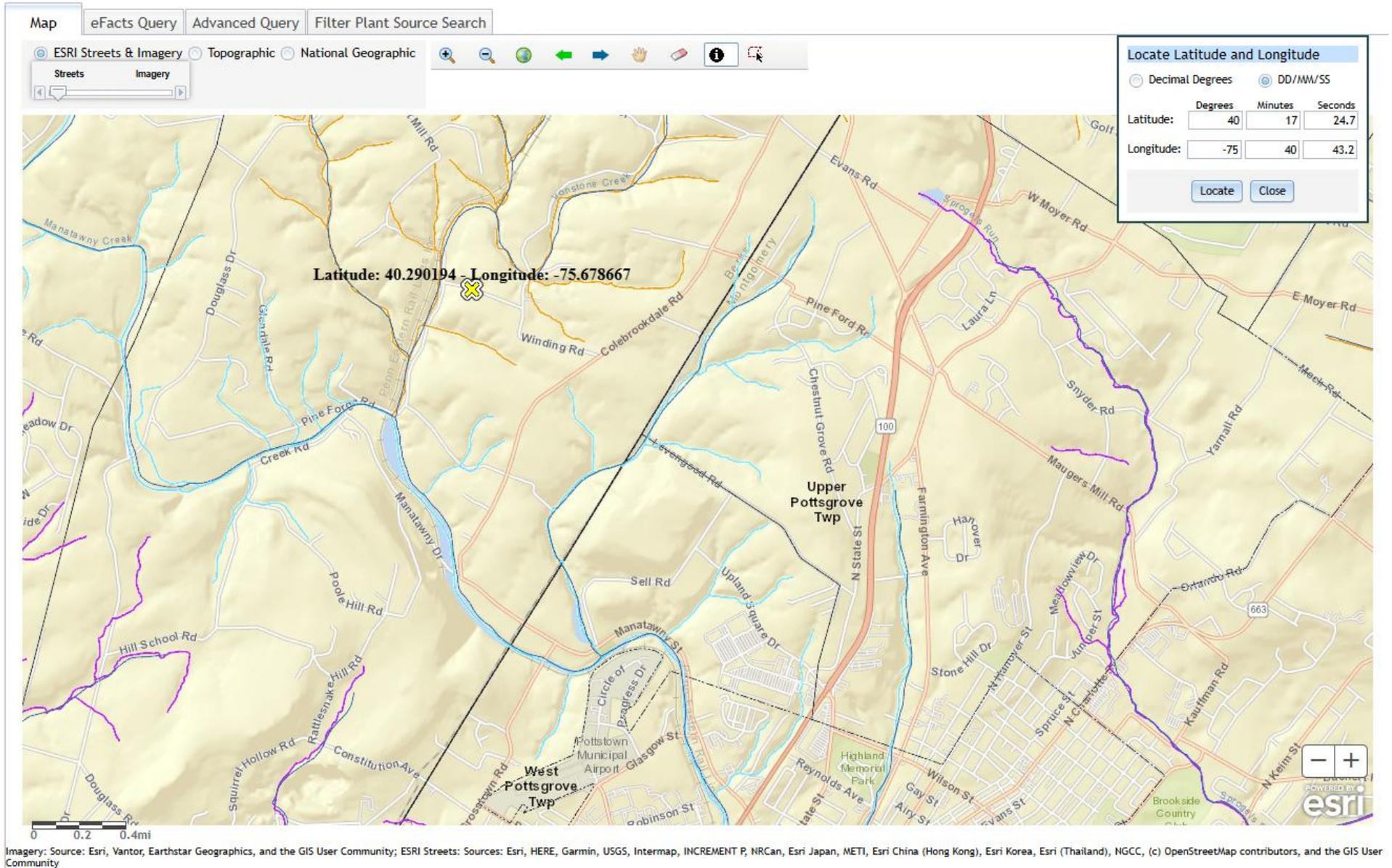
Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality as needed and Best Professional Judgement (BPJ). Instantaneous Maximum (IMAX) limits are generally 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.

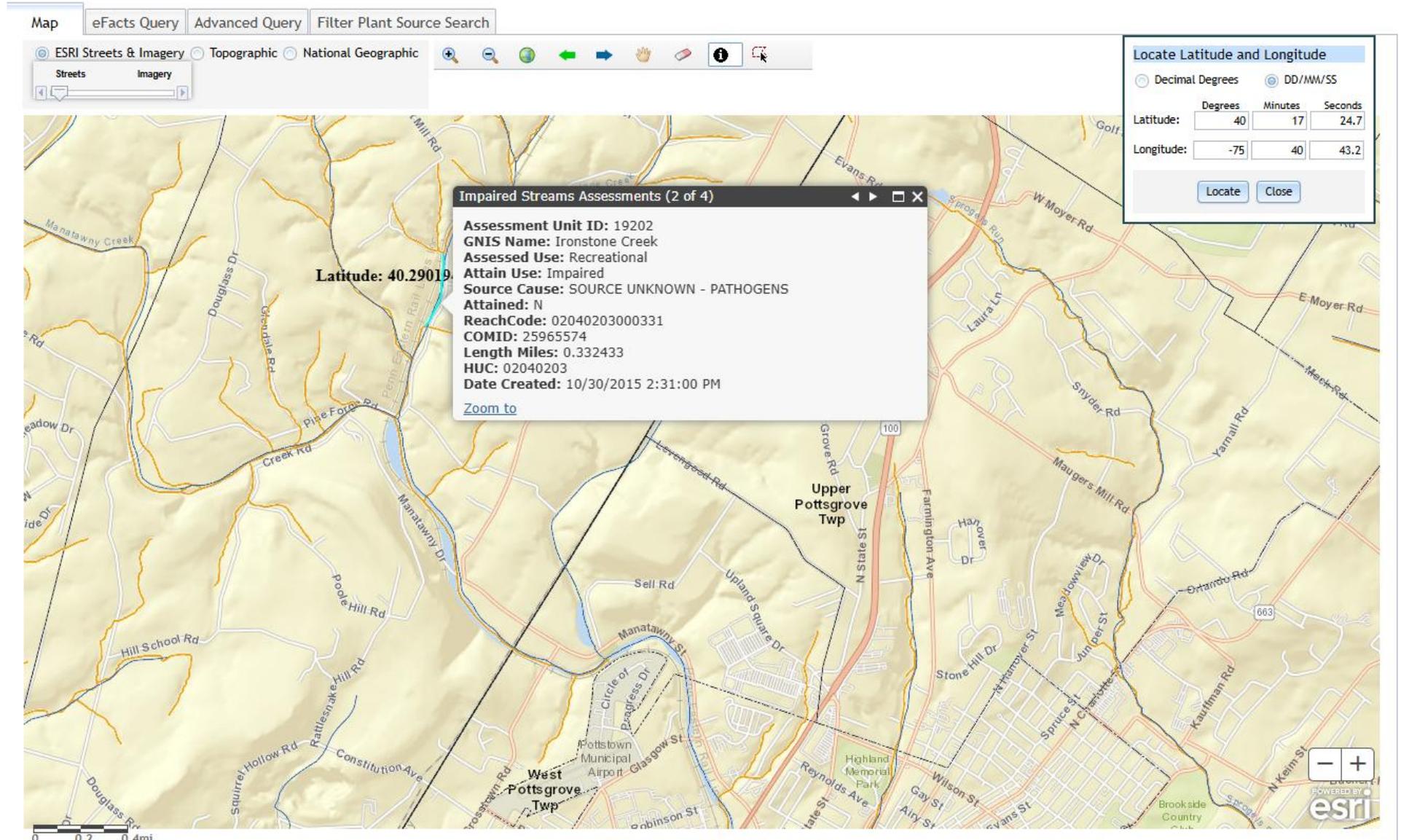
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day)		Concentrations (mg/L)				Minimum Measurement Frequency	Required Sample Type
	Annual Average	Average Weekly	Minimum	Annual Average	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
Carbonaceous Biochemical Oxygen Demand (CBOD ₅)	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
Total Suspended Solids	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	XXX	1/year	Grab

Compliance Sampling Location: at discharge from the facility



Imagery: Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community; ESRI Streets: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community



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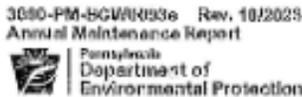
EXISTING USE
(LAST REVISED ON 7/21/2025)



COUNTY	STREAM CODE	STREAM NAME	DESIGNATED USE	EXISTING USE	QUALIFIER	LOCATION	DATE OF EVALUATION	AFFECTED STREAM MILES
ADAMS	8596	BERMUDIAN CREEK	WWF, MF	CWF, MF	COLD WATER COMMUNITY	BASIN, SOURCE TO UNT 08727	07/17/18	18.00
ADAMS	58687	MIDDLE CREEK	HQ-CWF, MF	EV, MF	INTEGRATED BENTHIC MACROINVERTEBRATE SCORE	BASIN, SOURCE TO SWAMP CREEK	04/15/16	4.70
ADAMS	58718	SWAMP CREEK	HQ-CWF, MF	EV, MF	INTEGRATED BENTHIC MACROINVERTEBRATE SCORE	BASIN	04/15/16	3.70
BEDFORD, BLAIR	14770	BOBS CREEK	HQ-CWF, MF	EV, MF	INTEGRATED BENTHIC MACROINVERTEBRATE SCORE	BASIN, SOURCE TO AND INCLUDING WALLACKS BRANCH	03/14/11	49.79
BERKS	1658	IRONSTONE CREEK	TSF, MF	CWF, MF	COLD WATER COMMUNITY	BASIN, FROM HEADWATERS TO SR 2045 BRIDGE CROSSING (AT RMI 5.5)	03/21/06	12.46
BERKS	1827	ANGELICA CREEK	CWF, MF	HQ-CWF, MF	INTEGRATED BENTHIC MACROINVERTEBRATE SCORE	MAINSTEM, STILLWATER RUN TO PUNCHES RUN	03/11/25	0.49
BERKS	1829	STILLWATER RUN	CWF, MF	HQ,CWF, MF	INTEGRATED BENTHIC MACROINVERTEBRATE SCORE	BASIN	03/11/25	1.82
BERKS	1830	PUNCHES RUN	CWF, MF	EV,MF	INTEGRATED BENTHIC MACROINVERTEBRATE SCORE	BASIN	03/11/25	0.94
BERKS	1850	CACOOSING CREEK	CWF, MF	HQ-CWF, MF	CLASS A WILD TROUT STREAM	BASIN, SOURCE TO LITTLE CACOOSING CREEK	07/17/25	11.23
BERKS	1878	SPRING CREEK	CWF, MF	HQ-CWF, MF	CLASS A WILD TROUT STREAM	BASIN TO UNT 01886 AT 40°20'55.2"N 76°05'00.2"W (EXCLUDING FURNACE RUN AND HOSPITAL CREEK)	05/25/21	5.99
BERKS	2008	SACONY CREEK	TSF, MF	CWF, MF	COLD WATER COMMUNITY	BASIN, T616 (BOWERS RD) TO T506 (SACONY BRIDGE)	09/22/08	3.01
BERKS	2085	PINE CREEK	HQ-CWF, MF	EV, MF	INTEGRATED BENTHIC MACROINVERTEBRATE SCORE	BASIN, SOURCE TO FARTHEST DOWNSTREAM CROSSING OF T803	02/26/03	5.27
BERKS	2092	STONY RUN	CWF, MF	HQ-CWF, MF	INTEGRATED BENTHIC MACROINVERTEBRATE SCORE	BASIN	02/26/03	16.87
BERKS	64027	UNT SIXPENNY CREEK	HQ-CWF, MF	EV, MF	INTEGRATED BENTHIC MACROINVERTEBRATE SCORE	BASIN	04/14/08	1.71

-The completed redesignation lists maintained by DEP were also reviewed: Ironstone was not listed.

-The ongoing stream redesignation evaluation list maintained by DEP was also reviewed: Ironstone was not listed.



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER



**ANNUAL MAINTENANCE REPORT (AMR)
SMALL FLOW TREATMENT FACILITIES**

REPORTING PERIOD: Jan to June

GENERAL INFORMATION

Permittee: MARK WAITE Permit No.: PA0261858
 Address: 54 Locust Rd Municipality: Douglas Township
Boyerstown, PA 19512-7676 County: Berks
 Phone: 215-760-3020 Email Address: waite2870@hotmail.com
 This SFTF Serves (a): Single Home Multiple Homes Commercial Establishment Other
 No. of People Served by SFTF: 2 SFTF Use Frequency: Daily Periodic (Describe: _____)
 The permittee intends to continue operating under the PAG-04 General Permit in the next calendar year.

MONTHLY MONITORING AND MAINTENANCE

Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TRC (mg/L)												
Tablet Added	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
UV Lamp	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
UV Cleaned	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
CBOD ₅ (mg/L)							8.0					
pH (S.U.)							7.9					
TSS (mg/L)							10.2					
Fecal Coliform (No./100 mL)							450					
Flow (GPD)							165					

Refer to AMR Instructions (3800-PM-BCW0003) for instructions on completing this table.

Comments (attach additional sheets if necessary):

Invoices of Septic Clean Out & Inspection attached along with copy of water test



**SUBURBAN
TESTING LABS**

Drinking Water Results Report

Order ID: 5G08292

Chrisman Septic Service 2395 North Kistler Court Kutztown, PA 19530 Attn: Josh Hummel	Project: Walls 54 Locust Rd Boyertown, PA 19512 PWSID:
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Sample Number: 5G08292-01	Site: Stream Discharge	Sample ID:
Collector: JC	Collect Date: 07/24/2025 9:25 am	Sample Type: Grab

Deposited / Test / Parameter	Result	Units	Method	MCL	Pass/Fail	MRL	MDL	Prep Date	By	Analyze Date	By
Inorganics											
Carbonaceous BOD (5 Day CBOD)	8.0	mg/L	SM 5210-B		N/A	2.0		07/24/25	SMS	07/24/25 18:32	OYK
Total Suspended Solids (TSS)	10.2	mg/L	SM 2540-D		N/A	4.0		07/25/25	KD	07/25/25 18:08	SAK
Microbiology											
Fecal Coliforms	450	cfu/100ml	SM 9222-D		N/A	1		07/24/25	DMK2	07/24/25 16:48	DMK2

Sample Receipt Conditions: - Sample(s) received with incomplete Chain of Custody form. At a minimum, Chain of Custody forms must contain a description of the sample location, matrix, the date and time of collection, the collector(s) initials or name, and the testing requested.
Units P/A = Present/Absent Units P/F = Pass/Fail

Laboratory Accreditations:

Suburban Testing Labs - Reading

Regulatory Authority	Program	Certification ID	Expires
US EPA	Federal	PA00072	N/A
New Jersey DEP	NELAP	PA081	00/30/2028
Pennsylvania DEP	NELAP	06-00208	00/30/2028
Texas CED	NELAP	T10474695	03/31/2028
Delaware ODW	State	N/A	09/30/2026
Maryland DE	State	347	12/31/2026

All analyses were performed at Suburban Testing Labs - Reading unless otherwise noted.

The test pH_i Lab is performed in the Laboratory as soon as possible. These results are not appropriate for compliance with NPDES, SDWA, or other regulatory programs that require analysis within 15 minutes of sample collection and should be considered for informational purposes only.

*pH_i Find for ASTM test is performed by method SM 485-H-03.

All results meet the requirements of STL's NELAP Accredited Quality System unless otherwise noted. If your results contain any data qualifications or comments, you should evaluate usability relative to your needs.

If collection initials include "STL", samples have been collected in accordance with STL 801 SI.0016.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

This laboratory report may not be reproduced, except in full, without the written approval of STL.

Results have been peer reviewed unless marked with an asterisk (*). Results with an asterisk have been analyst reviewed and meet all quality system requirements.

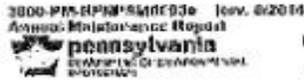
Report Generated On: 07/31/2025 5:38 pm 5G08292
 STL_DW_Results Revision 05.0 Effective: 07/14/2025

SUBURBAN TESTING LABS



1037F MacArthur Road, Reading, PA 19605 Phone: 610-375-TEST Fax: 610-375-4090 suburbantestinglabs.com

No AMR received June 2024. Previous AMR:



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT



**ANNUAL MAINTENANCE REPORT (AMR)
SMALL FLOW TREATMENT FACILITIES**

Reporting Period: June 1, 2022 to May 31, 2023

Name: Sharon Anna E. Scott Permit No: PA0261858
Address: 54 Locust Road Municipality: Douglas Township
Burrton, PA 19512 County: Bucks
Phone: 610-787-0672 Email Address: mcnab442@acg.com

This SFTF Serves (s): Single Home Multiple Homes Commercial Establishment Other
No. of People Served by SFTF: 2 SFTF Use Frequency: Daily Periodic (Describe: _____)

Submission of a complete AMR by June 30 of each year is a requirement of the NPDES PA04 General Permit and most individual NPDES permits for small flow treatment facilities (SFTFs). AMRs must be mailed to the DEP office identified below and, if required by the permit, to the municipality in which the facility is located.



MONTHLY MONITORING AND MAINTENANCE

JUN 20 2023

For SFTFs covered by the PA04 General Permit, record effluent monitoring data in the table below. For SFTFs covered by individual NPDES permits, attach a Discharge Monitoring Report (DMR) to this AMR. For SFTFs covered by individual NPDES permits, this table may remain blank and effluent monitoring results must be reported on a DMR that is submitted to the DEP office identified below.

Parameter	Effluent Monitoring Date											
	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
TRC												
UV												
BOD5		6.6							2.3			
pH (S.U.)												
TSS		4.0							4.0			
Fecal Coliform (No./100 mL)			<1						<1			
Flow (GPD)												

- If the SFTF uses chlorine for disinfection, Total Residual Chlorine (TRC) must be monitored monthly, at a minimum. Collect an effluent sample after chlorination (and if applicable after dechlorination). If the TRC result is within the range of 0.3 mg/L to 0.5 mg/L, record the reading in the appropriate month column. If the TRC result is outside of the range, perform corrective action (e.g., add chlorine tablets or other measures) and resample on subsequent days until the result is within the range of 0.3 mg/L to 0.5 mg/L. Report the ultimate result for each month in the table.
- If ultraviolet light (UV) is used for disinfection, place a checkmark in the field if the UV contact surface was cleaned during the month. If the permit does not require contact surface cleaning, write "N/A" in the field.
- For BOD5, pH, TSS, Fecal Coliform, and Flow, record results in this table if DEP requested that a sample be collected and analyzed by a laboratory. If samples or measurements were collected voluntarily, or otherwise if the permit requires sampling on a routine basis and does not include a DMR.

Comments (attach additional pages if necessary):

- 6-1-2022 - Tanks serviced. Biofilter cleaned, Pump in disinfecting tank cleaned & filter sheets in disinfecting tank cleaned. Flange in disinfecting tank cleaned & resist to proper settings. (2) UV Bulbs replaced. AND RISSE housing unit for them cleaned by Christians Septic Services.
- 6-7-2022 - New pump was installed in disinfecting tank.
- 7-16-2022 - Liquid Bacteria & Oxygen Compound added to holding tank.
- 8-1-2022 - Received Water Testing Results, BOD & TSS compliant. Did not receive results for Fecal Coliform due to mix-up between Water Testing Lab & Christian Septic Services. Rescheduling test for Fecal Coliform as soon as possible.
- 8-15-2022 - Received Water Testing Results, Fecal Coliform is compliant.
- 2-5-2023 - Liquid Bacteria & Oxygen Compound added to holding tank. (OVER)