

Application Type Renewal
Wastewater Type Sewage
Facility Type SFTF

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

Application No. PA0217166
APS ID 1043604
Authorization ID 1362217

Applicant, Facility and Project Information

Applicant Name	<u>Kenneth Grey</u>	Facility Name	<u>Grey Personal Care STP</u>
Applicant Address	<u>13259 Us Route 422</u> <u>Kittanning, PA 16201-4035</u>	Facility Address	<u>13259 Us Route 422</u> <u>Kittanning, PA 16201-4035</u>
Applicant Contact	<u>Kenneth Grey</u>	Facility Contact	<u>Kenneth Grey</u>
Applicant Phone	<u>(724) 548-8727</u>	Facility Phone	<u>(724) 664-2900</u>
Client ID	<u>87506</u>	Site ID	<u>240595</u>
SIC Code	<u>4952</u>	Municipality	<u>Kittanning Township</u>
SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>	County	<u>Armstrong</u>
Date Application Received	<u>July 16, 2021</u>	WQM Required	<u></u>
Date Application Accepted	<u></u>	WQM App. No.	<u>0396401</u>
Project Description	<u>NPDES Renewal for a small flow treatment facility (SFTF).</u>		

Summary of Review

This is an existing discharge for a small flow treatment facility.

Act 14 – Proof of Notification was submitted and received.

Existing treatment consists of (WQM Permit No. 0396401): aerobic treatment, intermittent sand filtration, and chlorination.

Ammonia sampling requirements and effluent limits were removed from the permit because this facility has been classified as an SFTF, which do not require ammonia sampling per the SOP.

The EPA Waiver is in effect.

There are no open violations in WMS for the subject Client ID (357840) as of 10/4/2023. [10/27/2023 CWY](#)

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		Jordan A. Frey, E.I.T. Jordan A. Frey, E.I.T. / Project Manager	October 17, 2023
X		Chad W. Yurisc Chad W. Yurisc, P.E. / Environmental Engineer Manager	10/27/2023

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0014</u>
Latitude	<u>40° 47' 43.14"</u>	Longitude	<u>-79° 28' 0.61"</u>
Quad Name	<u>Mosgrove</u>	Quad Code	<u>40079G4</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Cowanshannock Creek (WWF)</u>	Stream Code	<u>46974</u>
NHD Com ID	<u>123862330</u>	RMI	<u></u>
Drainage Area	<u>0.07</u>	Yield (cfs/mi ²)	<u>0.1</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.007</u>	Q ₇₋₁₀ Basis	<u>Default</u>
Elevation (ft)	<u>1253</u>	Slope (ft/ft)	<u>---</u>
Watershed No.	<u>17-E</u>	Chapter 93 Class.	<u>WWF</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>METALS, SILTATION</u>		
Source(s) of Impairment	<u>ACID MINE DRAINAGE, ACID MINE DRAINAGE</u>		
TMDL Status	<u></u>	Name	<u></u>
Background/Ambient Data		Data Source	
pH (SU)	<u>7.0</u>	Default	<u></u>
Temperature (°F)	<u>25</u>	Default	<u></u>
Hardness (mg/L)	<u>100</u>	Default	<u></u>
Other:	<u></u>		<u></u>
Nearest Downstream Public Water Supply Intake	<u>Kittanning Suburban Joint Water Authority</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>987</u>
PWS RMI	<u>45.6</u>	Distance from Outfall (mi)	<u>9.75</u>

Changes Since Last Permit Issuance: None.

Other Comments: None.

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.

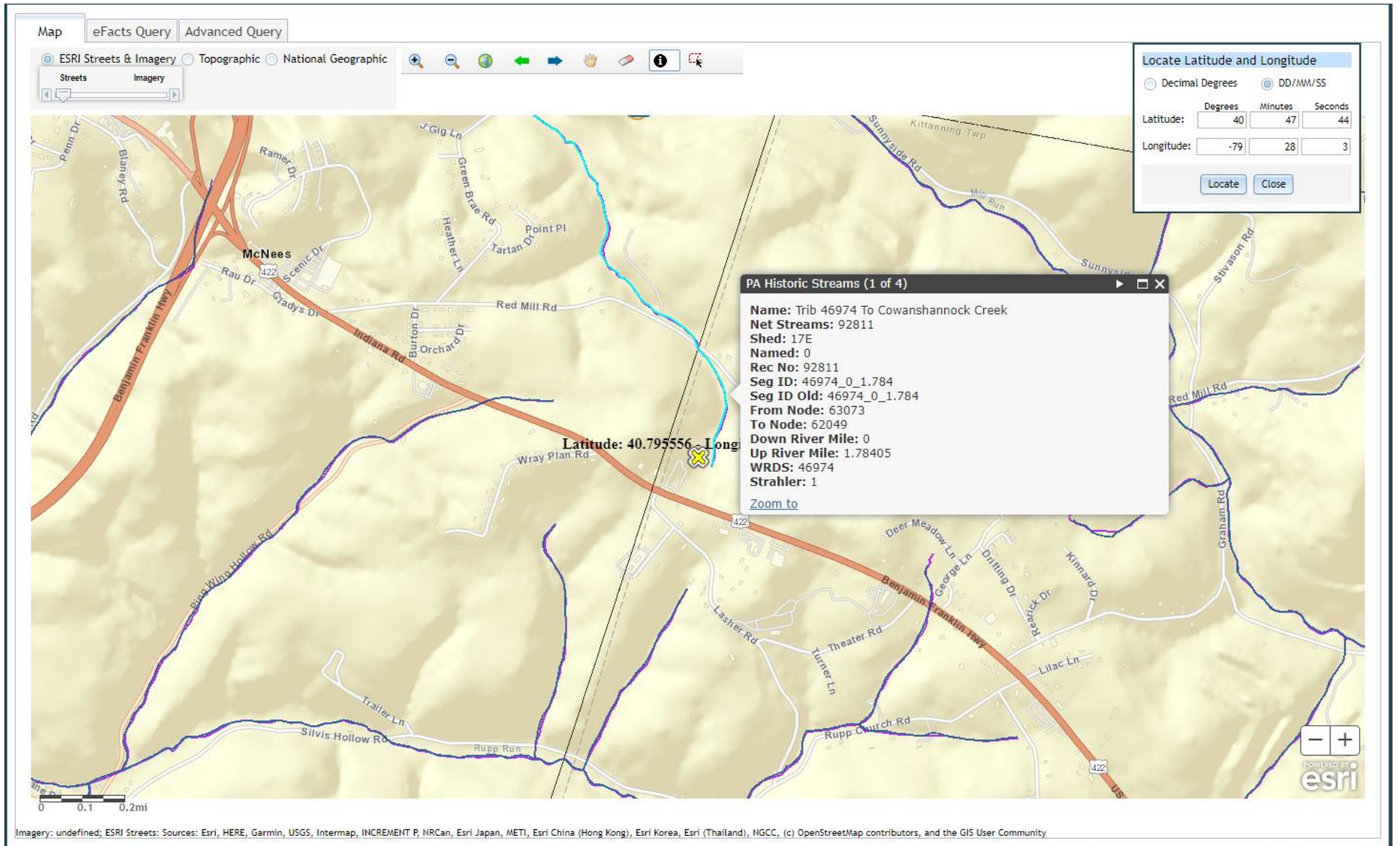
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	0.0014	Report Daily Max	XXX	XXX	XXX	XXX	1/month	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
TRC	XXX	XXX	0.3 Avg Mo	XXX	XXX	0.5	1/month	Grab
CBOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/month	Grab

Compliance Sampling Location: Outfall 001, after disinfection.

Other Comments: Flow is monitor only based on Chapter 92a.61. The limits for BOD₅ and Total Suspended Solids are BPJ limits based on the ~~Small Flow Treatment Facilities Manual~~ [Department's SOP for New and Reissuance Small Flow Treatment Facility Individual NPDES Permit Applications 10/27/2023 CWY](#). Fecal Coliform is technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7. TRC limits calculated using DEP's TRC spreadsheet were less stringent than existing limits, but the current limits shall be retained due to Anti-Backsliding Policy and the facility's demonstrated ability to meet current limits. The limits and sampling requirements for Ammonia were removed per DEP's Standard Operation Procedures (SOP) for SFTFs, which do not require Ammonia sampling or effluent limitations.

Attachment 1
eMap – Location Map



Attachment 2
Google Earth Imagery

