

Application Type Renewal
Wastewater Type Sewage
Facility Type SFTF

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

Application No. PA0035521
APS ID 1027889
Authorization ID 1335139

Applicant, Facility and Project Information

Applicant Name	<u>PA DOT Maintenance & Operations Bureau</u>	Facility Name	<u>PA DOT Crawford County Maintenance Facility</u>
Applicant Address	<u>400 North Street 6th Floor Harrisburg, PA 17120</u>	Facility Address	<u>Rome Twp Satellite Maint Fac Centerville, PA 16404</u>
Applicant Contact	<u>Nicholaus Sahd</u>	Facility Contact	<u>Matthew Semian</u>
Applicant Phone	<u>(717) 886-5395</u>	Facility Phone	<u>(814) 332-6880</u>
Client ID	<u>189304</u>	Site ID	<u>264140</u>
SIC Code	<u>9621</u>	Municipality	<u>Centerville Borough</u>
SIC Description	<u>Public Admin. - Regulation, Admin. Of Transportation</u>	County	<u>Crawford</u>
Date Application Received	<u>November 19, 2020</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>2095407</u>	WQM App. No.	<u>N/A</u>
Project Description	<u>Renewal of an NPDES permit for an SFTF.</u>		

Summary of Review

This is a new discharge for an existing on-lot system servicing a PennDOT maintenance facility.

Act 14 – Proof of Notification was submitted and received.

Existing treatment consists of: A 1,600 gallon septic tank, followed by a 1,600 gallon septic/dosing tank w/bypass, which is then pumped to a 1,500 SF sand filter, followed by a 500 gallon chlorine contact tank with chlorine tablets and a 100 gallon de-chlorination contact tank.

The EPA Waiver is in effect.

There are 22 open violations in WMS for the subject Client ID (189304), but none are associated with this facility as of 2/01/2021.

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. / Civil Engineer Trainee	March 2, 2021
X		Justin C. Dickey Justin C. Dickey, P.E. / Environmental Engineer Manager	March 8, 2021

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>.001</u>
Latitude	<u>41° 43' 35.16"</u>	Longitude	<u>-79° 45' 53.08"</u>
Quad Name	<u>Centerville</u>	Quad Code	<u>41079F7</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Oil Creek (CWF)</u>	Stream Code	<u>54495</u>
NHD Com ID	<u>100470675</u>	RMI	<u>---</u>
Drainage Area	<u>0.15</u>	Yield (cfs/mi ²)	<u>0.1</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.015</u>	Q ₇₋₁₀ Basis	<u>Default</u>
Elevation (ft)	<u>1316</u>	Slope (ft/ft)	<u>---</u>
Watershed No.	<u>16-E</u>	Chapter 93 Class.	<u>CWF</u>
Existing Use	<u>---</u>	Existing Use Qualifier	<u>---</u>
Exceptions to Use	<u>---</u>	Exceptions to Criteria	<u>---</u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u>---</u>		
Source(s) of Impairment	<u>---</u>		
TMDL Status	<u>---</u>	Name	<u>---</u>
Background/Ambient Data		Data Source	
pH (SU)	<u>7.0</u>	Default	
Temperature (°F)	<u>20</u>	Default	
Hardness (mg/L)	<u>100</u>	Default	
Other:	<u>---</u>	---	
Nearest Downstream Public Water Supply Intake	<u>Aqua Pennsylvania, Inc. - Emlenton</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>1376.0</u>
PWS RMI	<u>90.0</u>	Distance from Outfall (mi)	<u>>25</u>

Changes Since Last Permit Issuance: None.

Other Comments: In accordance with the SOP, no water quality modeling was performed since this is an SFTF.

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.

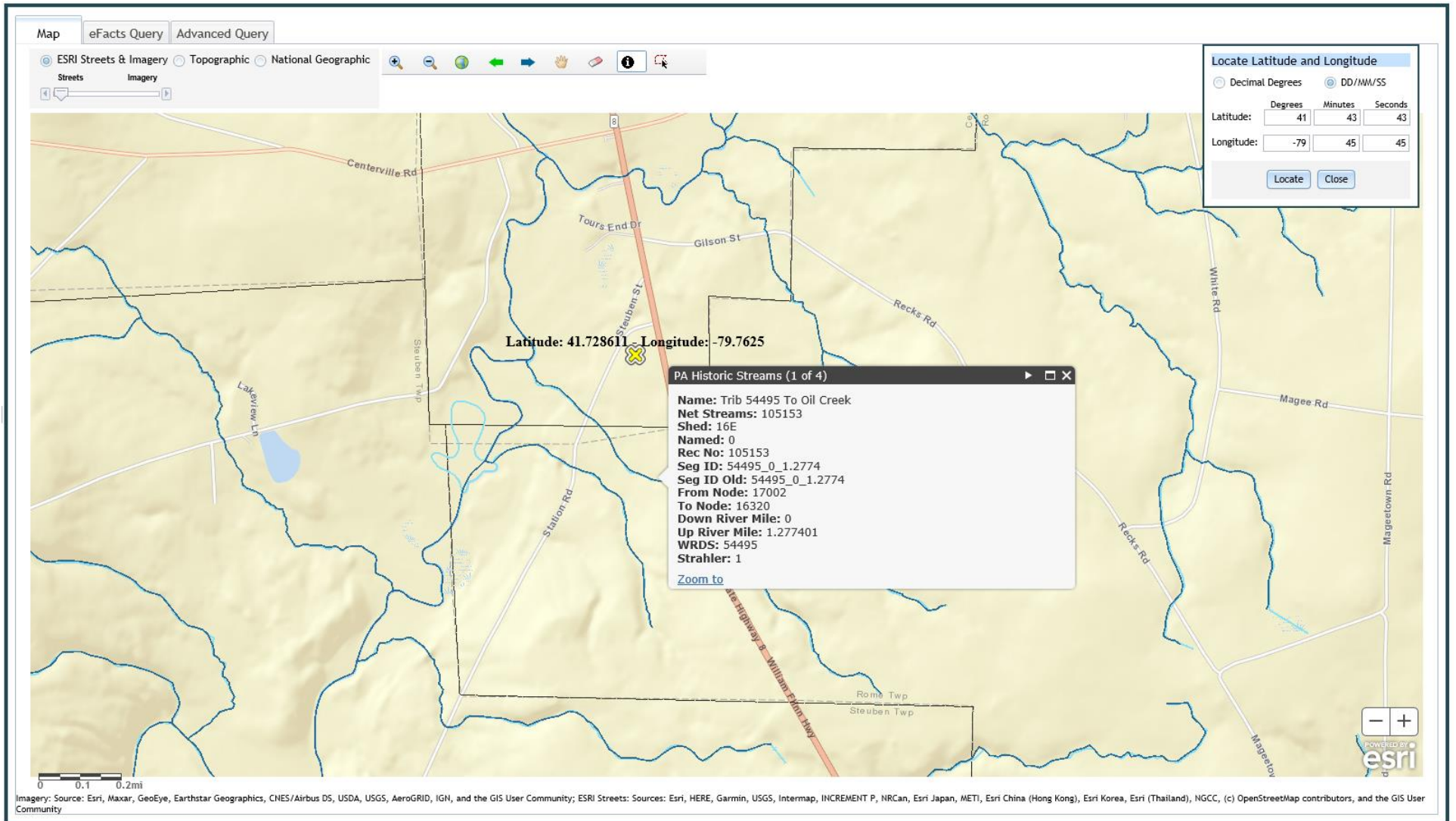
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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	Annual Average	Maximum	Instant. Maximum		
Flow (GPD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/month	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
TRC	XXX	XXX	XXX	0.5	XXX	1.2	1/month	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20	1/month	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20	1/month	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	XXX	1/month	Grab

Compliance Sampling Location: Outfall 001, after disinfection.

Other Comments: While the TRC Evaluation calculated a Total Residual Chlorine Instantaneous Maximum of 1.6 mg/L, the current Instantaneous Maximum of 1.2 mg/L shall remain because it is demonstrably attainable and there have been no changes to treatment or sampling during the previous permit term.

Attachment 1
eMap – Location Map



Attachment 2
Google Earth Imagery

