

Application Type New
Wastewater Type Sewage
Facility Type SFTF

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

Application No. PA0256030
APS ID 1050395
Authorization ID 1374046

Applicant, Facility and Project Information

Applicant Name	<u> LIG 2 LLC </u>	Facility Name	<u> LIG 2 LLC Properties SFTF </u>
Applicant Address	<u> 2094 S Main Street </u> <u> Washington, PA 15301 </u>	Facility Address	<u> 129 Lone Pine Road </u> <u> Washington, PA 15301-7110 </u>
Applicant Contact	<u> Dan Jungo </u>	Facility Contact	<u> Dan Jungo </u>
Applicant Phone	<u> (724) 554-2560 </u>	Facility Phone	<u> (724) 554-2560 </u>
Client ID	<u> 366370 </u>	Site ID	<u> 852830 </u>
SIC Code	<u> </u>	Municipality	<u> Amwell Township </u>
SIC Description	<u> </u>	County	<u> Washington </u>
Date Application Received	<u> October 19, 2021 </u>	WQM Required	<u> Yes </u>
Date Application Accepted	<u> October 27, 2021 </u>	WQM App. No.	<u> 6321407 </u>
Project Description	<u> Small Flow Treatment Facility. </u>		

Summary of Review

This is a new discharge for an existing 3-bedroom home and a proposed banquet facility.

Act 14 – Proof of Notification was submitted and received.

Proposed treatment will consist of (WQM Permit No. 6321407): A series of septic tanks for flow equalization followed by two Premier Tech EC7-1350 Coco Filter units and two Jet Model 952 ultraviolet (UV) disinfection systems in parallel.

The EPA Waiver is in effect.

There are no open violations in WMS for the subject Client ID (366370) as of 3/1/2022.

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 1, 2022
X		Justin C. Dickey Justin C. Dickey, P.E. / Environmental Engineer Manager	March 9, 2022

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>.00194</u>
Latitude	<u>40° 6' 9.98"</u>	Longitude	<u>-80° 11' 41.55"</u>
Quad Name	<u>Amwell</u>	Quad Code	<u>40080A2</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Redd Run (TSF)</u>	Stream Code	<u>40836</u>
NHD Com ID	<u>99410770</u>	RMI	<u>0.0900</u>
Drainage Area	<u>3.74</u>	Yield (cfs/mi ²)	<u>0.1</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.374</u>	Q ₇₋₁₀ Basis	<u>Default</u>
Elevation (ft)	<u>1004</u>	Slope (ft/ft)	<u>---</u>
Watershed No.	<u>19-B</u>	Chapter 93 Class.	<u>TSF</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>SILTATION</u>		
Source(s) of Impairment	<u>HIGHWAY/ROAD/BRIDGE RUNOFF (NON-CONSTRUCTION RELATED)</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>20</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>Tri-County Joint Municipal Authority – Centerville Borough</u>		
PWS Waters	<u>Monongahela River</u>	Flow at Intake (cfs)	<u></u>
PWS RMI	<u></u>	Distance from Outfall (mi)	<u>>25</u>

Changes Since Last Permit Issuance: N/A – This is a proposed discharge (Planning was approved on September 1, 2021).

Other Comments:

This SRSTP was designed where applicable in accordance with the SFTF Manual, but it does not qualify for the PAG-04 General Permit due to the use of a Coco Filter. The proposed discharge is to resolve a repair of a malfunctioning on-lot system.

The Coco Filter unit is reportedly capable of meeting CBOD5 averages of 10 mg/l and TSS averages of 10 mg/l.

In accordance with the SOP, no water quality modeling was performed since this is a SRSTP.

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.

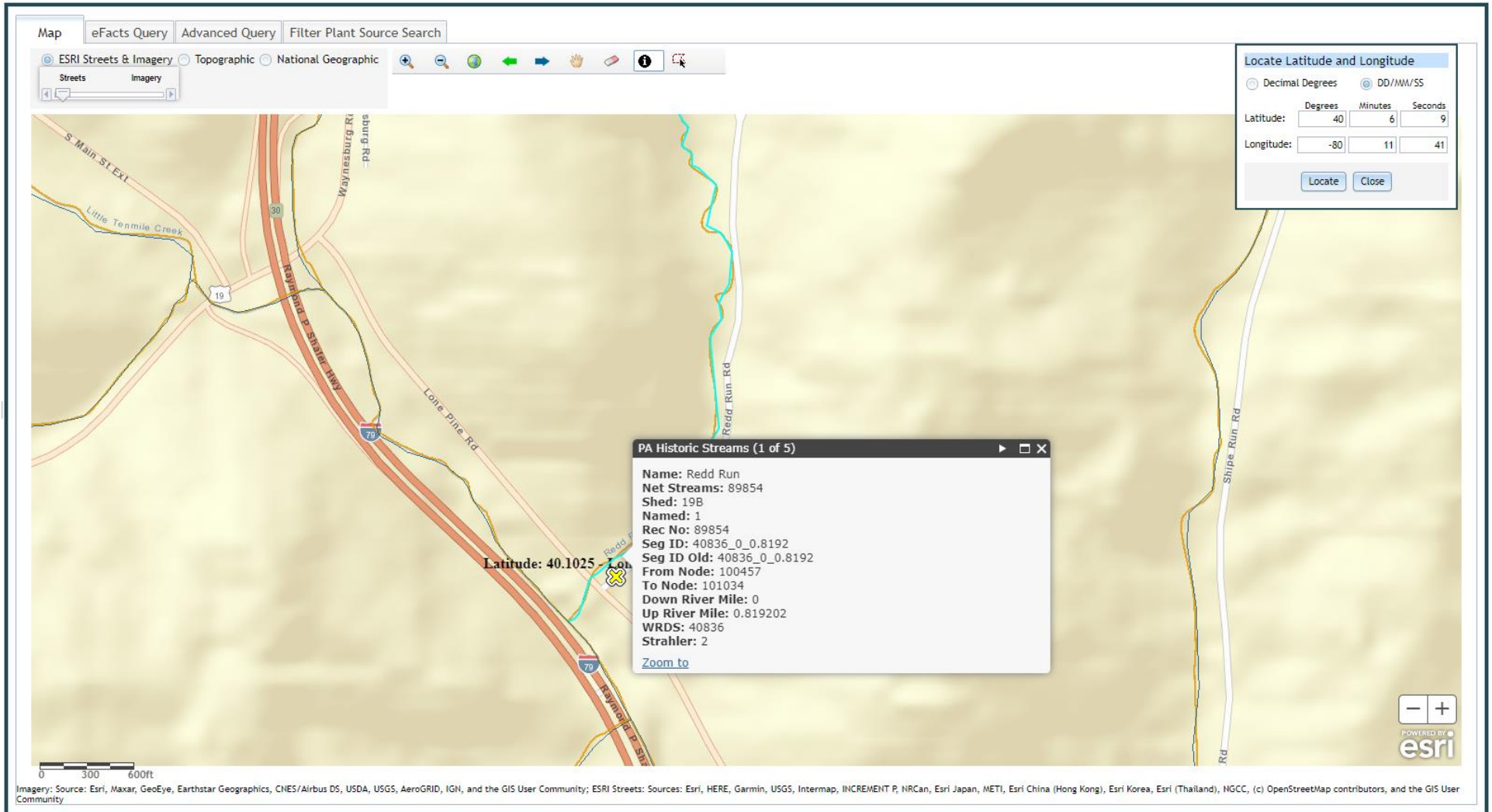
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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)	Report	XXX	XXX	XXX	XXX	XXX	1/month	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
TSS	XXX	XXX	XXX	20.0	XXX	40.0	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: None.

Attachment 1
eMap – Location Map



Attachment 2
Google Earth Imagery

