pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Northwest Regional Office
CLEAN WATER PROGRAM

Application Type	**New**	Application No.	**PA0290343**
Wastewater Type	**Sewage**	APS ID	**1054965**
Facility Type	**SRSTP**	Authorization ID	**1381974**

NPDES PERMIT FACT SHEET
INDIVIDUAL SFTF/SRSTP

Applicant, Facility and Project Information

Applicant Name	**Chris Hunt**	Facility Name	**Chris Hunt SRSTP**
Applicant Address	91 East Townhall Road	Facility Address	91 East Townhall Road
	Waterford, PA 16441-4209		Waterford, PA 16441-4209
Applicant Contact	Chris Hunt	Facility Contact	
Applicant Phone	(814) 490-7774	Facility Phone	
Client ID	367701	Site ID	852340
SIC Code	8800	Municipality	Summit Township
SIC Description	Private Households	County	Erie
Date Application Received	January 18, 2022	WQM Required	Yes
Date Application Accepted	January 31, 2022	WQM App. No.	2522401

Project Description: Single Residence Sewage Treatment Plant.

Summary of Review

This is a new discharge for an existing 3-bedroom home to a repair of an existing malfunctioning on-lot system.

Act 14 – Proof of Notification was submitted and received.

Proposed treatment will consist of (WQM Permit No. 2522401): An existing septic tank followed by a Premier Tech EC7-500-C-P Coco Filter unit with integrated ultraviolet (UV) disinfection unit.

The EPA Waiver is in effect.

There are no open violations in WMS for the subject Client ID (367701) as of 2/15/2022.

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	February 16, 2022
X		Justin C. Dickey Justin C. Dickey, P.E. / Environmental Engineer Manager	February 18, 2022

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	.0004
Latitude	42º 2' 6.19"	Longitude	-80º 0' 49.32"
Quad Name	Erie South	Quad Code	42080A1
Wastewater Description:	Sewage Effluent		
Receiving Waters	Walnut Creek (CWF, MF)	Stream Code	62437
NHD Com ID	123922888	RMI	0.8300
Drainage Area	0.69	Yield (cfs/mi^2)	0.1
Q_{7-10} Flow (cfs)	0.069	Q_{7-10} Basis	Default
Elevation (ft)	1257	Slope (ft/ft)	---
Watershed No.	15-A	Chapter 93 Class.	CWF, MF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Attaining Use(s)		
Cause(s) of Impairment			
Source(s) of Impairment			
TMDL Status		Name	
Background/Ambient Data		Data Source	
pH (SU)	7.0	Default	
Temperature (°F)	20	Default	
Hardness (mg/L)	10	Default	
Other:			
Nearest Downstream Public Water Supply Intake		Erie Water Works	
PWS Waters	Lake Erie (Chestnut and West)	Flow at Intake (cfs)	N/A
PWS RMI	N/A	Distance from Outfall (mi)	20.0

Changes Since Last Permit Issuance: N/A – This is a proposed discharge (Planning was approved on December 2, 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.

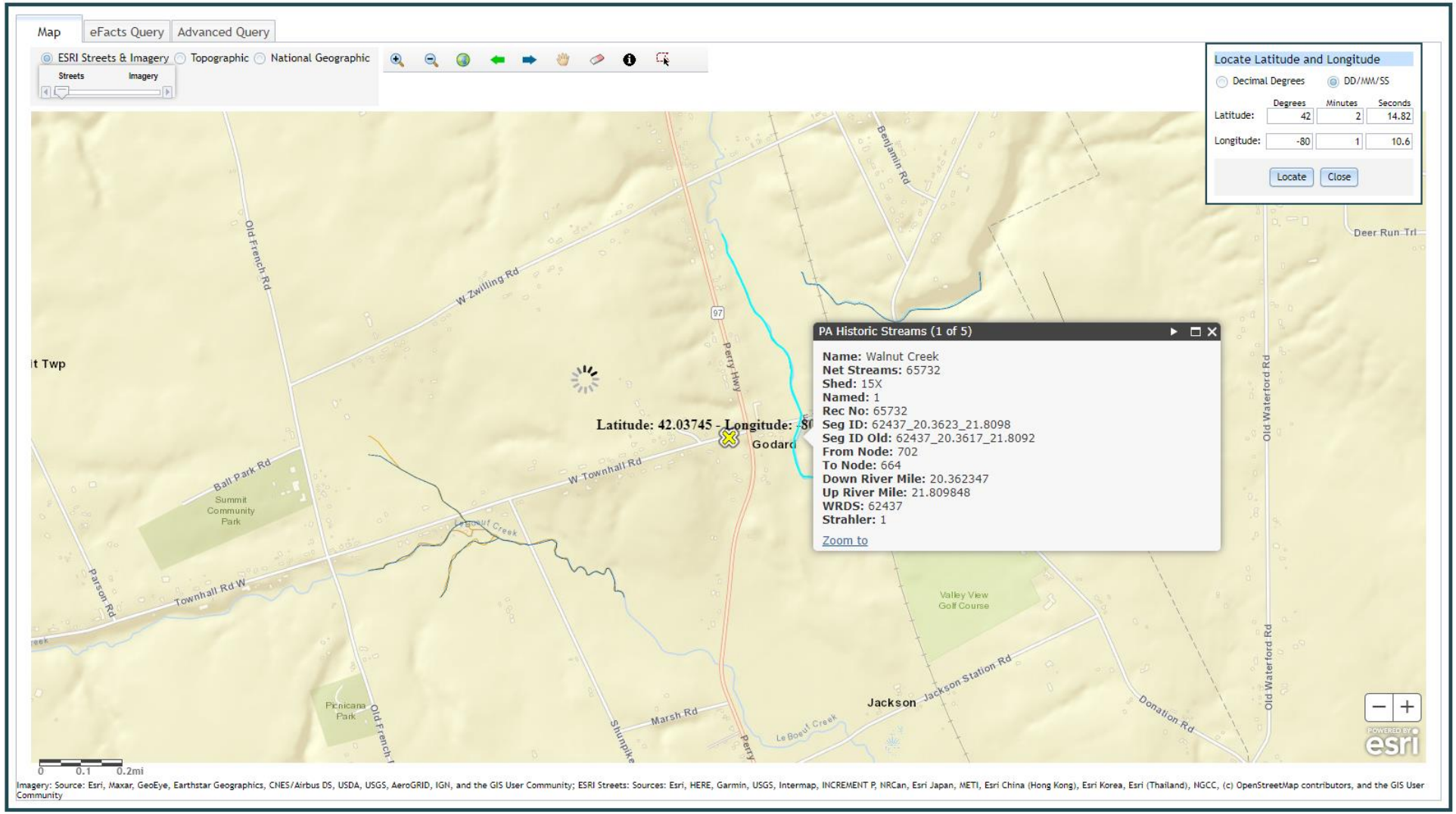
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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	Annual Average	Maximum	Instant. Maximum		
Flow (GPD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	Upon Request	Grab
BOD5	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	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001, after disinfection.

Other Comments: None.

Attachment 1
eMap – Location Map



Attachment 2
Google Earth Imagery