

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0265004
APS ID 1066306
Authorization ID 1401152

Applicant, Facility and Project Information

Applicant Name	<u>Heather Cradit</u>	Facility Name	<u>Heather Cradit SRSTP</u>
Applicant Address	<u>3742 Phillip Island Road</u> <u>West Sacramento, CA 95691-5939</u>	Facility Address	<u>1863 Fisher Road</u> <u>Strattanville, PA 16258</u>
Applicant Contact	<u>Heather Cradit</u>	Facility Contact	<u></u>
Applicant Phone	<u>(916) 743-5668</u>	Facility Phone	<u></u>
Applicant E Mail	<u>hdhport@yahoo.com</u>	Facility E Mail	<u></u>
Client ID	<u>333816</u>	Site ID	<u>820206</u>
Municipality	<u>Clarion Township</u>	County	<u>Clarion</u>
SIC Code	<u>8800</u>	SIC Code	<u>4952</u>
SIC Description	<u>Private Households</u>	SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>
Date Application Received	<u>June 22, 2022</u>	WQM Required	<u>The current permit is adequate</u>
Date Application Accepted	<u>July 18, 2022</u>	WQM App. No.	<u>1617402</u>
Project Description	<u>NPDES renewal</u>		

Summary of Review

No violations reported. This renewal is for a non-standard on-lot replacement system consisting of a NORWECO Singulair Model 960 Aerobic Unit followed by a NORWECO Bio Film Reactor and UV disinfection not eligible for a general permit. The design flow is 0.0004 MGD.

No operation data reported as the treatment facility is reported as in but not connected and the permittee on the west coast in California,

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		<i>William H. Mentzer</i> William H. Mentzer, P.E. Environmental Engineering Specialist	July 18, 2022
X		Vacant Environmental Engineer Manager	Okay to Draft JCD 8/22/2022

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>0.0004</u>
Latitude DP	<u>41° 12' 58.22"</u>	Longitude DP	<u>-79° 18' 08.83"</u>
Latitude NHD	<u>41° 13' 18.21"</u>	Longitude NHD	<u>-79° 18' 48.13"</u>
Quad Name	<u>Strattanville</u>	Quad Code	<u>0911</u>
Wastewater Description: <u>Treated single residence domestic wastes</u>			
Receiving Waters	<u>Unnamed tributary to Whites Run</u>	Stream Code	<u>unknown</u>
NHD Com ID	<u>102670035</u>	RMI	<u>0.45</u>
Drainage Area	<u>0.07</u>	Yield (cfs/mi ²)	<u>0</u>
Q ₇₋₁₀ Flow (cfs)	<u>0</u>	Q ₇₋₁₀ Basis	<u>Dry stream</u>
Elevation (ft)	<u>1505</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>17-B</u>	Chapter 93 Class.	<u>CWF</u>
Existing Use	<u>statewide</u>	Existing Use Qualifier	<u>none</u>
Exceptions to Use	<u>none</u>	Exceptions to Criteria	<u>none</u>
Comments	<u>Dry swale drains to Whites Run 49707 at RMI 1.46 (0.26 miles above tributary 49708 at RMI 1.256618)</u>		
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>METALS</u>		
Source(s) of Impairment	<u>ACID MINE DRAINAGE</u>		
TMDL Status	<u>Final, Final</u>	Name	<u>Mill Creek (Clarion), Whites Run</u>
Background/Ambient Data		Data Source	
pH (SU)	<u>6.7</u>		<u>2/7/2001 TMDL Sample in headwaters of Whites Run</u>
Temperature (°C)	<u>20</u>		<u>default</u>
Hardness (mg/L)	<u></u>		<u></u>
Other:	<u></u>		<u></u>
Nearest Downstream Public Water Supply Intake	<u>PA American Water Company – Clarion</u>		
PWS Waters	<u>Clarion River</u>	Flow at Intake (cfs)	<u>90.7</u>
PWS RMI	<u>33.3</u>	Distance from Outfall (mi)	<u>5.28</u>

Changes Since Last Permit Issuance: none

Other Comments: The Draft permit should be sent to EPA as the discharge is to a dry stream tributary to a TMDL stream. This discharge is not expected to contribute to the Whites Run stream impairment.

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	20.0	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	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: See AMR for UV radiation requirements.