

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0263737  
APS ID 1026246  
Authorization ID 1332210

**Applicant, Facility and Project Information**

Applicant Name	<u>Eric R &amp; Katy J Hess</u>	Facility Name	<u>Eric R &amp; Katy J Hess SRSTP</u>
Applicant Address	<u>260 Railway Lane</u> <u>Clarendon, PA 16313</u>	Facility Address	<u>260 Railway Lane</u> <u>Clarendon, PA 16313</u>
Applicant Contact	<u>Eric Hess</u>	Facility Contact	<u></u>
Applicant Phone	<u>(914) 968-4376</u>	Facility Phone	<u></u>
Applicant E Mail	<u>katyhess2525@gmail.com</u>	Facility E Mail	<u></u>
Client ID	<u>320383</u>	Site ID	<u>732349</u>
Municipality	<u>Cherry Grove Township</u>	County	<u>Warren</u>
SIC Code	<u>8811</u>		<u>4952</u>
SIC Description	<u>Services - Private Households</u>		<u>Trans. &amp; Utilities - Sewerage Systems</u>
Date Received	<u>June 2, 2020</u>	WQM Required	<u>The existing permit is adequate</u>
Date Accepted	<u>November 9, 2020</u>	WQM App. No.	<u>6210401 T-1</u>
Project Description	<u>NPDES permit renewal.</u>		

**Summary of Review**

No violations are listed in WMS.



UV disinfection requirements are stated on the annual maintenance report (AMR).

Gazetteer listed Minister Creek is listed as Minister Run in Drainage List Q under Tionesta Creek. This stream is located between Wildcat and Porcupine Runs and is classified as HQ-CWF.

Sludge is disposed off-site using a licensed septage hauler.

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
		William H. Mentzer William H. Mentzer, P.E. Environmental Engineering Specialist	November 12, 2020
		Justin C. Dickey Justin C. Dickey, P.E. Environmental Engineer Manager	March 22, 2021

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude NHD	<u>41° 40' 30.53"</u>	Longitude NHD	<u>79° 9' 25.94"</u>
Latitude DP	<u>41° 40' 29.00"</u>	Longitude DP	<u>79° 9' 13.00"</u>
Quad Name	<u>Cherry Grove</u>	Quad Code	<u>0512</u>
Wastewater:	<u>Treated single residence domestic wastewater</u>		
Receiving Waters	<u>Unnamed Tributary of Minister Creek</u>	Stream Code	<u>unknown</u>
NHD Com ID	<u>100469729</u>	RMI	<u>0.18</u>
Drainage Area	<u>0.02 sq-mi (14.2 acres)</u>	Yield (cfs/mi <sup>2</sup> )	<u>0</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0</u>	Q <sub>7-10</sub> Basis	<u>Dry swale</u>
Elevation (ft)	<u>1850.00</u>	Slope (ft/ft)	<u>0.18939</u>
Watershed No.	<u>16-F</u>	Chapter 93 Class.	<u>HQ-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>
Notes	<u>The receiving water is a dry drainage swale tributary to 55218 at RMI 1.53, elevation 1760.95 feet and 0.12-square miles drainage. Perennial stream flow is assumed at the tributary confluence with Minister Run. Confluence drainage is 0.46-sq miles with 0.03-cfs low flow. The perennial stream total flow to waste flow ratio is 50:1.</u>		
Low Flow Basis	<u>Tionesta Creek at Lynch, Pa using a 0.0703 cfs/square-mile. yield</u>		
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	_____		
Source(s) of Impairment	_____		
TMDL Status	_____	Name	_____
Background/Ambient Data		Data Source	
pH (SU)	_____		_____
Temperature (°F)	_____		_____
Hardness (mg/L)	_____		_____
Other:	_____		_____
Nearest Downstream Public Water Supply Intake	<u>Emlenton Water Company (Aqua Pa)</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>1250 cfs Franklin</u>
PWS RMI	<u>90.57</u>	Distance from Outfall (mi)	<u>90.25</u>

Changes Since Last Permit Issuance: none

Other Comments: Due to the HQ stream classification water supply criteria is evaluated at the discharge. No water supply impact is expected.

**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) and/or BPJ.

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

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day)		Concentrations (mg/L)				Minimum Measurement Frequency	Required Sample Type
	Average Monthly	Daily Maximum	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0	1/month	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Total Suspended Solids	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Fecal Coliform (CFU/100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/year	Grab

Monitoring is at Outfall 001 after disinfection