

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0055034
APS ID 1023223
Authorization ID 1326983

Applicant, Facility and Project Information

Applicant Name	<u>Jonna & Kevin McCoy</u>	Facility Name	<u>McCoy SRSTP</u>
Applicant Address	<u>9 Hilldale Road</u> <u>Malvern, PA 19355-2964</u>	Facility Address	<u>9 Hilldale Road</u> <u>Malvern, PA 19355-2964</u>
Applicant Contact	<u>Kevin McCoy</u>	Facility Contact	<u>Kevin McCoy</u>
Applicant Phone	<u>(610) 613-7984</u>	Facility Phone	<u>(610) 722-5569</u>
Client ID	<u>133701</u>	Site ID	<u>237729</u>
SIC Code	<u>4952</u>	Municipality	<u>Willistown Township</u>
SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>	County	<u>Chester</u>
Date Application Received	<u>August 21, 2020</u>	WQM Required	<u>No</u>
Date Application Accepted	<u></u>	WQM App. No.	<u></u>
Project Description	<u>Permit Renewal.</u>		

Summary of Review

The permittee has submitted NPDES renewal application to continued discharge of treated sewage from single residence sewage treatment plant (facility) to unnamed tributary to Crum Creek (EV, MF) through Outfall 001.

The facility is a three-stage Cromaglass Model CA5

Previously established effluent limits and monitoring requirements will be proposed in the draft permit since no changes to quality and quantity of the discharge (p.4 of this factsheet).

PART C of the permit has following additional Special Requirements for the permittee.

I. OTHER REQUIREMENTS

- A. AMR to DEP
- B. DMR submittal
- C. Depth of septage
- D. Solids removal
- E. TRC minimization
- F. No stormwater
- G. Property Rights
- H. Proper Sludge Disposal
- I. Abandon STP

II. TRC EFFLUENT LIMITATIONS BELOW QUANTITATION LIMITS

Approve	Deny	Signatures	Date
X		<i>Begay Omuralieva</i> Begay Omuralieva / Environmental Engineering Specialist	February 2, 2021
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	02/02/2021

Summary of Review

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.

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0005</u>
Latitude	<u>40° 0' 46.12"</u>	Longitude	<u>-75° 30' 9.95"</u>
Quad Name	_____	Quad Code	_____
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Crum Creek (EV, MF)</u>	Stream Code	_____
NHD Com ID	<u>25602037</u>	RMI	_____
Drainage Area	_____	Yield (cfs/mi ²)	_____
Q ₇₋₁₀ Flow (cfs)	_____	Q ₇₋₁₀ Basis	_____
Elevation (ft)	_____	Slope (ft/ft)	_____
Watershed No.	<u>3-G</u>	Chapter 93 Class.	<u>EV, MF</u>
Existing Use	_____	Existing Use Qualifier	_____
Exceptions to Use	_____	Exceptions to Criteria	_____
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>CAUSE UNKNOWN</u>		
Source(s) of Impairment	<u>AGRICULTURE</u>		
TMDL Status	_____	Name	_____
Background/Ambient Data		Data Source	
pH (SU)	_____		_____
Temperature (°F)	_____		_____
Hardness (mg/L)	_____		_____
Other:	_____		_____
Nearest Downstream Public Water Supply Intake _____			
PWS Waters	_____	Flow at Intake (cfs)	_____
PWS RMI	_____	Distance from Outfall (mi)	_____

Changes Since Last Permit Issuance:

Other Comments:

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	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0	XXX	9.0	XXX	1/year	Grab
DO	XXX	XXX	6.0	XXX	XXX	XXX	1/year	Grab
CBOD5	XXX	XXX	XXX	25	XXX	50	1/year	Grab
TSS	XXX	XXX	XXX	30	XXX	60	1/year	Grab
Fecal Coliform (CFU/100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/year	Grab
Ammonia	XXX	XXX	XXX	Report	XXX	XXX	1/year	Grab
Total Phosphorus	XXX	XXX	XXX	Report	XXX	XXX	1/year	Grab
TRC	XXX	XXX	XXX	Report Avg. Mo.	XXX	Report	1/month	Grab

Compliance Sampling Location: 001

Other Comments: none