

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0264661  
APS ID 1045664  
Authorization ID 1365562

**Applicant, Facility and Project Information**

Applicant Name	<u>Vance Fox</u>	Facility Name	<u>Vance Fox SRSTP</u>
Applicant Address	<u>386 Gates Lane</u> <u>Russell, PA 16345</u>	Facility Address	<u>386 Gates Lane</u> <u>Russell, PA 16345</u>
Applicant Contact	<u>Vance Fox</u>	Facility Contact	<u>Vance Fox</u>
Applicant Phone	<u>(814) 757-5462</u>	Facility Phone	<u>(814) 757-5462</u>
Client ID	<u>364908</u>	Site ID	<u>815330</u>
SIC Code	<u>8800</u>	Municipality	<u>Pine Grove Township</u>
SIC Description	<u>Private Households</u>	County	<u>Warren County</u>
Date Application Received	<u>August 6, 2021</u>	WQM Required	<u>Yes</u>
Date Application Accepted	<u>August 18, 2021</u>	WQM App. No.	<u>6216404 will be transferred concurrently</u>

Project Description Renewal of an NPDES Permit for an existing Single Residence Sewage Treatment Plant. This application also transfers ownership from Spear Proukou to Vance Fox.

**Summary of Review**

Act 14 - Proof of Notification was submitted and received.

The applicant should be able to meet the limits of this permit, which will protect the uses of the receiving stream.

I. OTHER REQUIREMENTS:

- |  |                                 |
|--|---------------------------------|
| A. AMRs  | F. Stormwater into sewers       |
| B. DMRs  | G. Right of way                 |
| C. Depth of Septage and Scum Measurement           | H. Solids handling              |
| D. Septic Tank Pumping                             | I. Public Sewerage Availability |
| E. Effluent Chlorine Optimization and Minimization |                                 |

SPECIAL CONDITIONS: None.

Permitted treatment will consist of: A Norweco Singulair Bio-Kinetic Aerobic unit (Model 960-500) with a built-in chlorinator. (WQM Permit no. 6216404)

There are no open violations in effects associated with the subject Client ID (364908) as of 11/19/2021.

Approve	Deny	Signatures	Date
X		Stephen A. McCauley Stephen A. McCauley, E.I.T. / Environmental Engineering Specialist	11/19/2021
X		Justin C. Dickey Justin C. Dickey, P.E. / Environmental Engineer Manager	11/19/2021

**Discharge, Receiving Waters and Water Supply Information**

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude	<u>41° 56' 50.33"</u>	Longitude	<u>-79° 08' 51.62"</u>
Quad Name	<u>-</u>	Quad Code	<u>-</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Johnny Run (CWF)</u>	Stream Code	<u>56381</u>
NHD Com ID	<u>129446821</u>	RMI	<u>0.97</u>
Drainage Area	<u>-</u>	Yield (cfs/mi <sup>2</sup> )	<u>-</u>
Q <sub>7-10</sub> Flow (cfs)	<u>-</u>	Q <sub>7-10</sub> Basis	<u>-</u>
Elevation (ft)	<u>-</u>	Slope (ft/ft)	<u>-</u>
Watershed No.	<u>16-B</u>	Chapter 93 Class.	<u>CWF</u>
Existing Use	<u>-</u>	Existing Use Qualifier	<u>-</u>
Exceptions to Use	<u>None</u>	Exceptions to Criteria	<u>None</u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u>-</u>		
Source(s) of Impairment	<u>-</u>		
TMDL Status	<u>-</u>	Name	<u>-</u>
Background/Ambient Data		Data Source	
pH (SU)	<u>-</u>		<u>-</u>
Temperature (°F)	<u>-</u>		<u>-</u>
Hardness (mg/L)	<u>-</u>		<u>-</u>
Other:	<u>-</u>		<u>-</u>
Nearest Downstream Public Water Supply Intake		<u>-</u>	
PWS Waters	<u>-</u>	Flow at Intake (cfs)	<u>-</u>
PWS RMI	<u>-</u>	Distance from Outfall (mi)	<u>-</u>

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.

This SFTF 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 Norweco Singlair Model 960.

No modeling was performed for this NPDES Permit as the Norweco Singlair Model 960 is capable of meeting CBOD5 averages of 6 mg/l and TSS averages of 10 mg/l, which are less than the inputs of the WQ model.

**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) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> 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
TRC	XXX	XXX	XXX	Report Avg Mo	XXX	XXX	1/month	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.

Flow and TRC are monitor only based on Chapter 92a.61. The limits for pH are technology-based on Chapter 93.7. The limits for BOD<sub>5</sub>, Total Suspended Solids, and Fecal Coliform are technology based on Chapter 92a.47.