

Application Type New  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0295370  
APS ID 1097740  
Authorization ID 1456479

**Applicant, Facility and Project Information**

Applicant Name	<u>David Denk</u>	Facility Name	<u>David Denk SRSTP</u>
Applicant Address	<u>6759 E Lake Road</u> <u>Erie, PA 16511-1542</u>	Facility Address	<u>6759 E Lake Road</u> <u>Erie, PA 16511-1542</u>
Applicant Contact	<u>David Denk</u>	Facility Contact	<u></u>
Applicant Phone	<u>(480) 521-9569</u>	Facility Phone	<u></u>
Applicant E Mail	<u>denkaz3@msn.com</u>	Facility E Mail	<u></u>
Client ID	<u>380063</u>	Site ID	<u>863961</u>
Municipality	<u>Harborcreek Township</u>	County	<u>Erie</u>
SIC Code	<u>8800</u>	SIC Code	<u>4952</u>
SIC Description	<u>Private Households</u>	SIC Description	<u>Trans. &amp; Utilities - Sewerage Systems</u>
Date Application Received	<u>September 5, 2023</u>	WQM Required	<u>Concurrent review</u>
Date Application Accepted	<u>October 10, 2023</u>	WQM App. No.	<u>2523426</u>
Project Description	<u>Replacement of a malfunctioning on-lot sewage treatment system.</u>		

**Summary of Review**

No open violations filed. Design is for 500-gpd and 1.1-PPD BOD5 based on 4-bedrooms,

Proposed general permit coverage on November 22, 2023. Individual permit requested on December 2, 2023. *Permit writer notified applicant on 11/22/2023 that their proposed system would qualify for coverage under the new PAG-04 and WQG-01 permits. Applicant requested coverage under the Individual Permit on 12/2/2023.*

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*

Approve	Deny	Signatures	Date
X		<i>William H. Mentzer</i> William H. Mentzer, P.E. Environmental Engineering Specialist	December 4, 2023
X		Chad W. Yurisc Chad W. Yurisc, P.E. Environmental Engineer Manager	12/15/2023

**Summary of Review**

*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 and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0005</u>
Latitude DP	<u>42° 10' 54.00"</u>	Longitude DP	<u>-79° 57' 46.00"</u>
Latitude NHD	<u>42° 10' 52.75"</u>	Longitude NHD	<u>-79° 57' 45.81"</u>
Quad Name	<u>Harborcreek</u>	Quad Code	<u>0106</u>
Wastewater Description: <u>Treated single residence domestic wastes</u>			
Receiving Waters	<u>Elliotts Run</u>	Stream Code	<u>62332</u>
NHD Com ID	<u>123923662</u>	RMI	<u>0.18</u>
Drainage Area	<u>4.9</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.04</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0.12</u>	Q <sub>7-10</sub> Basis	<u>Sevenmile Creek 04213240</u>
Elevation (ft)	<u>634.00</u>	Slope (ft/ft)	<u>0.01263</u>
Watershed No.	<u>15-A</u>	Chapter 93 Class.	<u>CWF, MF</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>DP is at the treatment facility NHD is mid-stream</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>New York</u>		
PWS Waters	<u>Lake Erie</u>	Flow at Intake (cfs)	<u>NA</u>
PWS RMI	<u>891.63</u>	Distance from Outfall (mi)	<u>17.0</u>

Changes Since Last Permit Issuance: NA

Other Comments: Canada is 19 miles away

**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
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 001ter disinfection