

Application Type Renewal
Wastewater Type Sewage
Facility Type SFTF

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

Application No. PA0238562
APS ID 1054522
Authorization ID 1381202

Applicant, Facility and Project Information

Applicant Name	<u>John Ditrich Subdivision Properties Owners Association Inc.</u>	Facility Name	<u>John Ditrich Subdivision</u>
Applicant Address	<u>8062 Harborsgreene Road Erie, PA 16510-5763</u>	Facility Address	<u>8062 Harborsgreene Road Erie, PA 16510-5763</u>
Applicant Contact	<u>Richard Brak</u>	Facility Contact	<u>Richard Brak</u>
Applicant Phone	<u>(814) 572-7445</u>	Facility Phone	<u>(814) 572-7445</u>
Applicant E Mail	<u>Rbrak1@gmail.com</u>	Facility EMail	<u></u>
Client ID	<u>159509</u>	Site ID	<u>530913</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. & Utilities - Sewerage Systems</u>
Received	<u>January 7, 2022</u>	WQM Required	<u>Existing facility should be adequate</u>
Accepted	<u>January 28, 2022</u>	WQM App. No.	<u>2501418</u>

Project Description NPDES permit renewal for the discharge of treated sewage.

Summary of Review

No current violations. The last Sludge removal was on November 9, 2021.

As UV radiation disinfection is installed the TRC requirements are no longer necessary and have been removed from the NPDES permit. UV radiation monitoring will be as provided on the small flow Annual Maintenance Report (AMR)

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	January 18, 2022
X		Justin C. Dickey Justin C. Dickey, P.E. Environmental Engineer Manager	March 31, 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>.002</u>
Latitude DP	<u>42° 6' 14.00"</u>	Longitude DP	<u>-79° 55' 22.00"</u>
Latitude NHD	<u>42° 6' 13.78"</u>	Longitude NHD	<u>-79° 55' 21.76"</u>
Quad Name	<u>Hammett</u>	Quad Code	<u>0206</u>
Wastewater Description: <u>Treated domestic wastes (Sewage)</u>			
Receiving Waters	<u>Unnamed Tributary to Sixmile Creek</u>	Stream Code	<u>62370</u>
NHD Com ID	<u>123923437</u>	RMI	<u>1.1</u>
Drainage Area	<u>0.1</u>	Yield (cfs/mi ²)	<u>0.045</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.0031</u>	Q ₇₋₁₀ Basis	<u>French Creek</u>
Elevation (ft)	<u>1323.33</u>	Slope (ft/ft)	<u>0.0364</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>Dry stream discharge. NHD outfall at RMI 0.99 downstream. Tributary basin drainage is 0.42 sq mile Perennial stream at Sixmile Creek RMI 9.04. Perennial stream drainage 5.86 square miles at 1240.79 feet elevation.</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>State of New York</u>		
PWS Waters	<u>Lake Erie</u>	Flow at Intake (cfs)	<u>NA</u>
PWS RMI	<u>91/63</u>	Distance from Outfall (mi)	<u>13.29</u>

Changes Since Last Permit Issuance: none

Other Comments: none

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/month	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/month	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	1000	1/month	Grab
Total Phosphorus	XXX	XXX	XXX	1.0	XXX	XXX	1/month	Grab

Compliance Sampling Location: Outfall 001 after disinfection