

Application Type Renewal
Wastewater Type Sewage
Facility Type SFTF

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

Application No. PA0222020
APS ID 1058622
Authorization ID 1388136

Applicant, Facility and Project Information

Applicant Name	<u>Deanna Larson</u> <u>D/B/A Kuhl Rd Properties Association</u>	Facility Name	<u>Kuhl Rd Properties Association SFTF</u>
Applicant Address	<u>5775 Kuhl Road</u> <u>Erie, PA 16510-4710</u>	Facility Address	<u>5773-5775 Kuhl Road</u> <u>Erie, PA 16510</u>
Applicant Contact	<u>David Miller</u>	Facility Contact	<u>Deanna Larson</u>
Applicant Phone	<u>(814) 323-5195</u>	Facility Phone	<u>(814) 899-8054</u>
Applicant E Mail	<u>Piper5453w@aol.com</u>	Facility E Mail	
Client ID	<u>242298</u>	Site ID	<u>657822</u>
Municipality	<u>Harborcreek Township</u>	County	<u>Erie</u>
SIC Code	<u>6514</u>	SIC Code	<u>8800</u>
SIC Description	<u>Fin, Ins & Real Est-Dwel Ops, Exc Apts,</u>	SIC Description	<u>Private Households</u>
Date Application Received	<u>March 30, 2022</u>	WQM Required	<u>Disinfection change pending</u>
Date Application Accepted	<u>March 3, 2022</u>	WQM App. No.	<u>2596402 A-1</u>
Project Description	<u>NPDES renewal with phosphorus monitoring reduction requested.</u>		

Summary of Review

No violations listed in WMS. Annual phosphorus monitoring has been requested and proposed with phosphorus monitoring being the same as BOD5, TSS and Fecal Coliform.

The discharge is to the Lake Erie basin that has a (major facility) 1.0-mg/L phosphorus limitation. BOD5 has replaced CBOD5. No changes to the phosphorus treatment system have been proposed.

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	May 23, 2022
X		Justin C. Dickey Justin C. Dickey, P.E. Environmental Engineer Manager	June 3, 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>.0008</u>
Latitude DP	<u>42° 6' 30.00"</u>	Longitude DP	<u>-79° 57' 24.00"</u>
Latitude NHD	<u>42° 6' 31.22"</u>	Longitude NHD	<u>-79° 57' 22.80"</u>
Quad Name	<u>Hammett</u>	Quad Code	<u>0206</u>
Wastewater Description: <u>Treated two single residence domestic wastes</u>			
Receiving Waters	<u>Unnamed Tributary to Fourmile Creek</u>	Stream Code	<u>62394</u>
NHD Com ID	<u>123923470</u>	RMI	<u>1,71</u>
Drainage Area	<u>0.15</u>	Yield (cfs/mi ²)	<u>0</u>
Q ₇₋₁₀ Flow (cfs)	<u>0</u>	Q ₇₋₁₀ Basis	<u>Dry stream</u>
Elevation (ft)	<u>1295</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>15-A</u>	Chapter 93 Class.	<u>WWF, 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>The NHD outfall is at node RMI 0.74. The discharge is in an intermittent stream reach 1.41 miles above tributary 62395</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>State of 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>22.53</u>

Changes Since Last Permit Issuance: None

Other Comments: Canada is 22.17 miles downstream and mid Lake Erie

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/year	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/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
Total Phosphorus	XXX	XXX	XXX	1.0	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001 after disinfection

Other Comments: The AMR has UV radiation requirements