



**Public Hearing
Draft NPDES Permit**

Peninsula Water Reclamation Facility

October 1, 2025



**Environmental
Protection
Agency**

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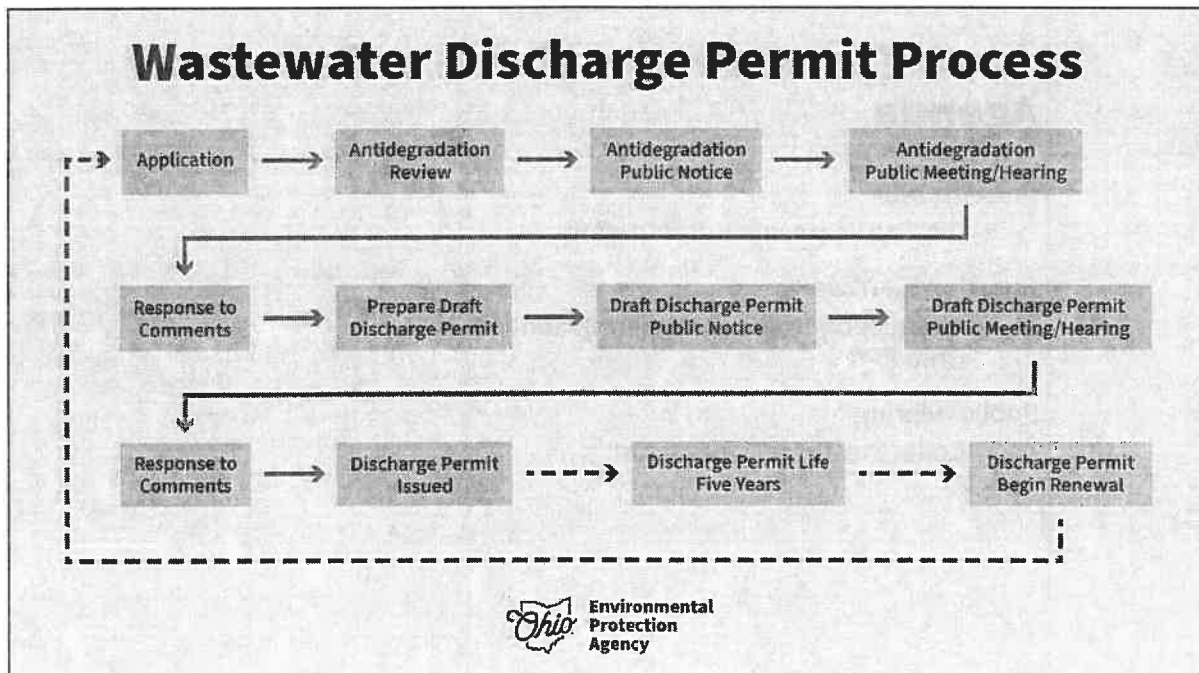
	Agenda Presentation • Discuss Peninsula's draft permit Question & Answer • Ask questions about the permit and Ohio EPA Public Hearing • Collect testimony for record	
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Wastewater Discharge Permit Process

- Municipalities and facilities that discharge wastewater into surface waters of the State must obtain a National Pollutant Discharge Elimination System (NPDES) (wastewater discharge) permit from Ohio EPA
- Wastewater discharge permits limit the quantities of pollutants released
- Permit limits and/or requirements ensure compliance with Ohio's water quality standards and federal regulations

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Permitting Process

- Ohio EPA public notices a draft permit or proposed denial for public comment (can be found when searching:



- Ohio EPA evaluates and responds to comments received during the comment period
- Ohio EPA director takes final action – issues draft permit or denies the application

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Proposed Maximum Daily Discharges

- Proposed discharge at one new outfall
- Outfall 001 would discharge to the Cuyahoga River
- Outfall 001 proposes to discharge 130,000 gallons per day of treated wastewater from a new public wastewater treatment system
- Limits are based on both technology and water quality; whichever is more stringent



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Antidegradation Rule

Exclusion allowed if:

- Proposed discharge is no greater than 5% of the background loads of the river
- Exclusion called: de minimus for the Outstanding State Resource Water designation
- If de minimus exclusion can't be met, a complete review submittal must be submitted
- Permit must meet the Best Available Demonstrated Control Technology limits regardless

Table 5-1. Best available demonstrated control technology for new sources discharging sanitary wastewater.

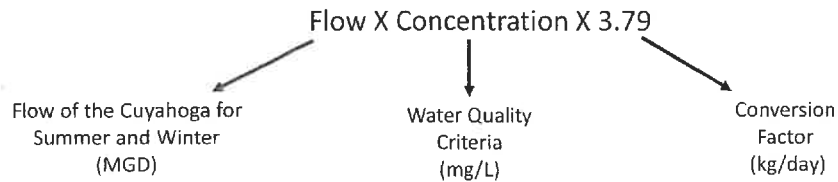
Parameter	Thirty-day Limit	Daily or Seven-day Limit	Maximum Minimum Limit
CBOD ₅	10 mg/l	15 mg/l	n/a
Total suspended solids	12 mg/l	18 mg/l	n/a
Ammonia			
(Summer)	1.0 mg/l	1.5 mg/l	n/a
(Winter)	3.0 mg/l	4.5 mg/l	
Dissolved oxygen	n/a	n/a	6.0 mg/l (minimum)
Total residual chlorine	n/a	n/a	0.038 mg/l (maximum)
E. coli*	126 / 100 ml	235 / 100 ml	n/a

* E. coli is to be considered a design standard only. Effluent limitations will not be incorporated into a control document based solely on this table.

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Proposed Daily Discharges

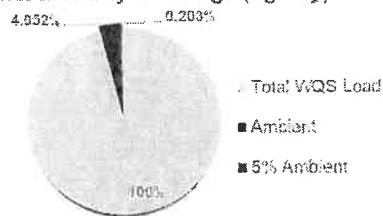
Total Load is based on this calculation:



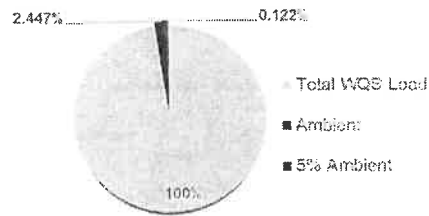
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Ammonia

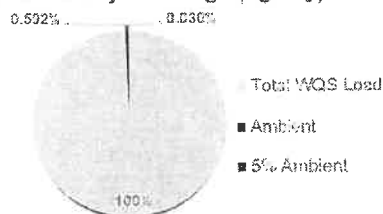
Summer Monthly Loadings (kg/day)



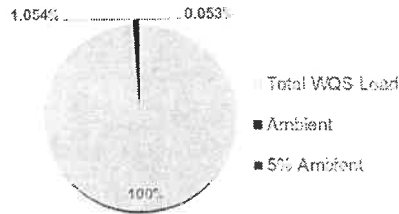
Winter Monthly Loadings (kg/day)



Summer Weekly Loadings (kg/day)



Winter Weekly Loadings (kg/day)



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Draft Permit

Ohio EPA Permit No.: 3PB00104*AD
 Applicant No.: OH0151751
 Action Date: TBD
 Effective Date: TBD
 Expiration Date: FIVE YEARS

Ohio Environmental Protection Agency
 Authorization to Discharge Under the
 National Pollutant Discharge Elimination System

In compliance with the provisions of the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et. seq., hereinafter referred to as the "Act"), and the Ohio Water Pollution Control Act (Ohio Revised Code Section 6111).

County of Summit Department of Sanitary Sewer Services

is authorized by the Ohio Environmental Protection Agency, hereinafter referred to as "Ohio EPA," to discharge from the Peninsula WRF No. 49 wastewater treatment works, located at 6121 North Locust Street, Peninsula, Ohio Summit County to Cuyahoga River at River Mile 29.03 in accordance with the conditions specified in Part I, II, and III, of this permit.

In accordance with Ohio Administrative Code 3745-1-09, I have determined that a lowering of water quality in the Cuyahoga River is. Prerequisite (D-1)(b)(iii) was applied to this application. This program excludes the need for the submittal and subsequent review of technical alternatives and social and economic issues related to the degradation. Other rule provisions, however, including public participation and appropriate intergovernmental coordination were required and considered prior to reaching this decision.

This permit is conditioned upon payment of applicable fees as required by Section 3745.11 of the Ohio Revised Code.

This permit and the authorization to discharge shall expire at midnight on the expiration date shown above. In order to receive authorization to discharge beyond the above date of expiration, the permittee shall submit such information and forms as required by the Ohio EPA no later than 120 days prior to the above date of expiration.

John Logue
 Director

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Draft Discharge Monitoring

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PART I. A. FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from the following outfall: 3PB00104001. See Part II. OTHER REQUIREMENTS, for locations of effluent sampling.

Table - Final Outfall - 001 - Final

Effluent Characteristic Parameter	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day			Measuring Frequency	Sampling Type	Monitoring Month
	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly			
00010 - Water Temperature - C	-	-	-	-	-	-	-	1 Day	Grab	All
00060 - Dissolved Oxygen - mg/l	-	6.0	-	-	-	-	-	1 Day	Grab	All
00400 - pH - S.U.	9.0	6.5	-	-	-	-	-	1 Day	Grab	All
00330 - Total Suspended Solids - mg/l	-	-	18	12	-	8.9	5.9	2 Week	24hr Composite	All
00550 - Oil and Grease, Hexane Exu Method - mg/l	10	-	-	-	-	-	-	1 Quarter	Grab	Quarterly
00610 - Nitrogen, Ammonia (NH3) - mg/l	-	-	1.5	1.0	-	0.73	0.49	1/2 Weeks	24hr Composite	Summer
00610 - Nitrogen, Ammonia (NH3) - mg/l	-	-	4.5	3.0	-	2.2	1.5	1/2 Weeks	24hr Composite	Winter
00825 - Nitrogen Kjeldahl, Total - mg/l	-	-	-	-	-	-	-	1 Month	24hr Composite	All
00830 - Nitrate Plus Nitrite, Total - mg/l	-	-	-	-	-	-	-	1 Month	24hr Composite	All
00860 - Phosphorus, Total (P) - mg/l	-	-	-	-	-	-	-	1 Month	24hr Composite	All
01074 - Nickel, Total Recoverable - mg/l	-	-	-	-	-	-	-	1/6 Months	24hr Composite	Semi-annual
01094 - Zinc, Total Recoverable - mg/l	-	-	-	-	-	-	-	1/3 Months	24hr Composite	Semi-annual
01115 - Cadmium, Total Recoverable - mg/l	-	-	-	-	-	-	-	1/6 Months	24hr Composite	Semi-annual

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Draft Discharge Monitoring

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Effluent Characteristic Parameter	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day			Measuring Frequency	Sampling Type	Monitoring Month
	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly			
01114 - Lead, Total Recoverable - mg/l	-	-	-	-	-	-	-	1/6 Months	24hr Composite	Semi-annual
01118 - Chromium, Total Recoverable - mg/l	-	-	-	-	-	-	-	1/6 Months	24hr Composite	Semi-annual
01220 - Chromium, Dissolved Hexavalent - mg/l	-	-	-	-	-	-	-	1/6 Months	24hr Composite	Semi-annual
01048 - E. coli - #/100 ml	-	-	264	126	-	-	-	1 Week	Grab	Summer
00010 - Flow Rate - MGD	-	-	-	-	-	-	-	1 Day	Continuous	All
00990 - Mercury, Total (Low-Level) - mg/l	-	-	-	-	-	-	-	1/6 Months	Grab	Semi-annual
01173 - Cyanide Free (Low-Level) - mg/l	-	-	-	-	-	-	-	1/6 Months	Grab	Semi-annual
00200 - Residue, Total Filterable - mg/l	-	-	-	-	-	-	-	1/2 months	24hr Composite	Bi-monthly
00202 - CBOD 5 day - mg/l	-	-	15	10	-	7.4	4.9	2 Week	24hr Composite	All

Notes for Station Number 3PB00104001

* Effluent loadings based on average design flow of 0.130 MGD.

** The facility uses ultraviolet light for disinfection

a. For outfalls 3PB00104001, 3PB00104001, 3PB00104001, and 3PB00104001 See Part II, Item J

b. Mercury - See Part II, Item N.

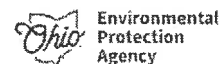
c. Free cyanide - See Part II, Item M

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- Ohio EPA will consider all comments received during the comment period of any proposed action
- Director will take final action and a response to comments will be made available

Next Steps



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Send Comments To

Online form:



Mail:

Ohio EPA
Division of Surface Water
ATTN: Permits Processing Unit
P.O. Box 1049
Columbus, OH 43216-1049

Please include ID #3PB00104*AD

Through close of business October 8, 2025

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Thank You

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Lisa Cochran

Communications and
Outreach

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