Pennsylvania Department of Environmental Protection

Northwest Regional Office
CLEAN WATER PROGRAM

Application Type	**Renewal**	Application No.	**PA0272710**
Facility Type	**Industrial**	APS ID	**1144711**
Major / Minor	**Minor**	Authorization ID	**1539314**

NPDES PERMIT FACT SHEET INDIVIDUAL INDUSTRIAL WASTE (IW) AND IW STORMWATER

Applicant and Facility Information

Applicant Name	**PA DEP NWRO**	Facility Name	**Presque Isle Chemicals**
Applicant Address	230 Chestnut Street	Facility Address	5661 State Route 6
	Meadville, PA 16335-3407		Edinboro, PA 16412
Applicant Contact	Colin Kosinski	Facility Contact	Colin Kosinski
Applicant Phone	(814) 332-6837	Facility Phone	(814) 332-6837
Client ID	62505	Site ID	600478
SIC Code	2899	Municipality	Washington Township
SIC Description	Manufacturing - Chemical Preparations, Nec	County	Erie
Date Application Received	August 28, 2025	EPA Waived?	Yes
Date Application Accepted		If No, Reason	--

Purpose of Application: Renewal application for an Individual IW groundwater remediation facility

Summary of Review

On August 28, 2025, the Department received a renewal application for Individual Permit No. PA0272710 which expires on January 31, 2026. The permit is an Individual IW permit for a groundwater treatment plant (GWTP). The plant was designed by Baker Environmental and constructed by Environmental Resources Management (ERM) in 1995.

The facility is currently in the eDMR system.

Act 14 notifications were submitted and received.

The last inspection occurred on November 7, 2025. No violations were noted.

There are no open violations in WMS for the subject Client ID (62505) as of March 10, 2026.

Proposed Changes:

- Addition of Benzene monitoring
- Addition of Trichloroethylene monitoring
- Addition of 1,2-Dichlorethane limits

Approve	Deny	Signatures	Date
X		Carlee Wilson Carlee Wilson / Environmental Engineering Trainee	March 10, 2026
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	April 14, 2026

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001	Design Flow (MGD)	.024
Latitude	41º 52' 48.72"	Longitude	-80º 9' 33.10"
Quad Name	-	Quad Code	-
Wastewater Description:	IW Process Effluent without ELG		
Receiving Waters	Unnamed Tributary to Conneauttee Creek (WWF)	Stream Code	53061
NHD Com ID	127347694	RMI	1.4100
Drainage Area	0.14	Yield (cfs/mi^2)	0.037
Q_{7-10} Flow (cfs)	0.00522	Q_{7-10} Basis	USGS StreamStats
Elevation (ft)	1334	Slope (ft/ft)	-
Watershed No.	16-A	Chapter 93 Class.	WWF
Existing Use	-	Existing Use Qualifier	-
Exceptions to Use	-	Exceptions to Criteria	-
Assessment Status	Impaired		
Cause(s) of Impairment	PATHOGENS		
Source(s) of Impairment	SOURCE UNKNOWN		
TMDL Status	-	Name	-

Background/Ambient Data		Data Source
pH (SU)	7	Default
Temperature (°F)	68	Default
Hardness (mg/L)	100	Default
Other:	-	-

Nearest Downstream Public Water Supply Intake	Aqua PA - Emlenton		
PWS Waters	Allegheny River	Flow at Intake (cfs)	1376
PWS RMI	90.0	Distance from Outfall (mi)	80.0

Changes Since Last Permit Issuance: Q_{7-10} Flow was changed using update StreamStats data from USGS. Elevation was adjusted using Google Earth.

Other Comments: The discharge is treated contaminated groundwater from an abandoned industrial waste recycling facility (contaminated largely by chlorinated VOCs) and is not expected to contain pathogens.

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 people 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.

Compliance History	
Summary of DMRs:	There have been no effluent violations in the past year.
Summary of Inspections:	The last inspection took place on June 10, 2021, by Shane Krause. No violations were noted.

Compliance History

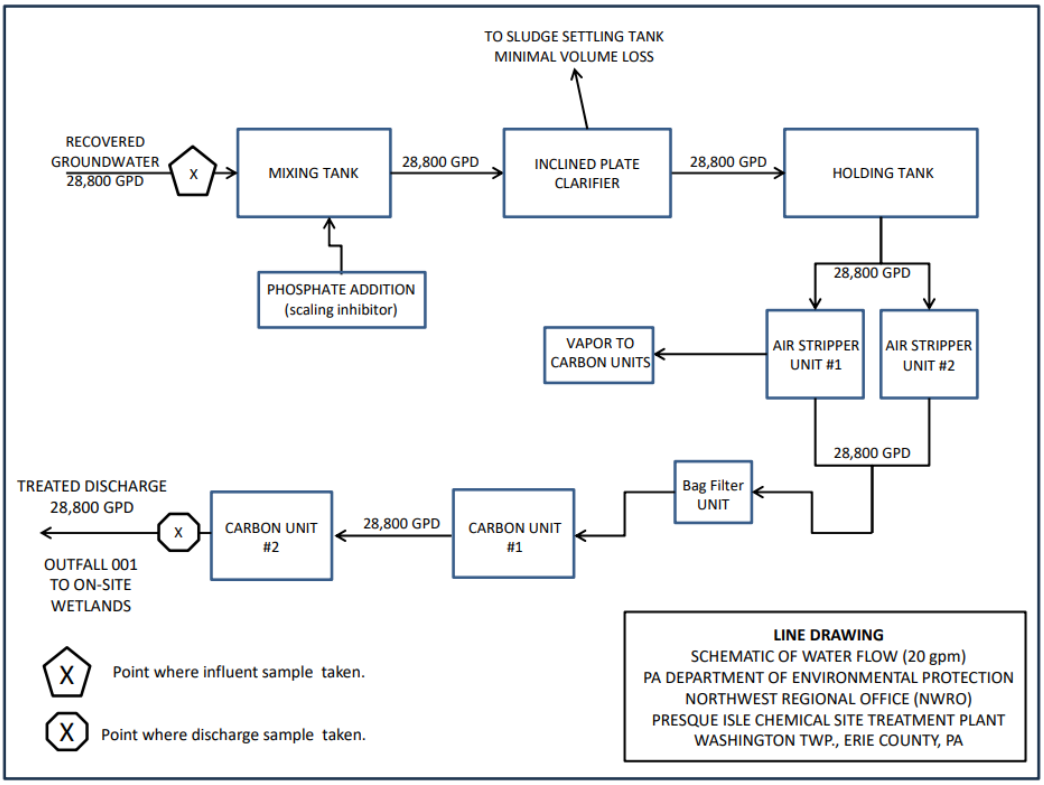
DMR Data for Outfall 001 (from October 1, 2024, to September 30, 2025)

Parameter	SEP-25	AUG-25	JUL-25	JUN-25	MAY-25	APR-25	MAR-25	FEB-25	JAN-25	DEC-24	NOV-24	OCT-24
Flow (MGD) Average Monthly	0.00385	0.0078	0.00385	0.0135	0.0174	0.01065	0.00165	0.0021	0.0025	0.00535	0.0048	0.0037
pH (S.U.) Instantaneous Minimum	7.09	7.31	7.30	7.34	7.20	7.69	7.63	7.45	7.70	7.10	7.05	7.43
pH (S.U.) Instantaneous Maximum	7.31	7.40	7.31	7.50	7.92	8.00	7.71	7.0	7.70	7.78	7.70	7.86
TSS (mg/L) Average Monthly	< 4.0	< 4.0	4.0	< 2.50	< 2.50	13.85	< 2.50	3.75	3.75	1.45	1.95	< 2.5
TSS (mg/L) Instantaneous Maximum	< 4.0	< 4.0	4.0	< 2.50	< 2.50	16.70	< 2.50	5.00	5.00	< 2.5	< 2.5	< 2.5
Vinyl Chloride (mg/L) Average Monthly	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001

Treatment Summary:

The GWTP receives groundwater contaminated with chlorinated VOCs. The remediation system includes a series of on-site interconnected trench wells and two nested extraction wells. Seven trench wells, designed as TW-1 through TW-7 are located within an approximately 1,000 linear foot long groundwater interceptor adjacent to each end of the groundwater interceptor trench. Recovered groundwater is pumped from the groundwater interceptor trench and extraction wells and directed to the on-site GWTP through a common underground 2-inch high-density polyethylene (HDPE) header pipe.

The treated effluent groundwater is then discharged to an on-site wetland area through a gravity-fed 6-inch polyvinyl chlorine (PVC) piping. The GWPT has reported overall maximum design capacity of 45 gallons/ minute and an average influent rate of 6-7 gallons/ minute over the last two years of operation. In summary, the GWTP processes include solids settling, air stripper technology, and carbon media filtration.



Development of Effluent Limitations

Outfall No. 001 **Design Flow (MGD)** .024
Latitude 41º 52' 48.05" **Longitude** -80º 9' 32.80"
Wastewater Description: IW Process Effluent without ELG

Technology-Based Limitations

Parameter	Limit (mg/l)	SBC
Flow	Report	Average Monthly
TSS	30	Average Monthly
	60	Instantaneous Maximum
pH	6	Minimum
	9	Maximum

The above technology-based limits are retained in this renewal for the purpose of anti-backsliding.

Water Quality Based Effluent Limitations

Parameter	Limit	SBC
Benzene	Report	IMAX
1,2-Dichloroethane	0.05	Average Monthly
	0.13	IMAX
Trichloroethylene	Report	IMAX

The Department's Toxics Management Spreadsheet (TMS) is used to implement a reasonable potential analysis to determine WQBELs for Toxic pollutants. The results are seen above. Normally, pre-draft surveys are not sent for monitor only parameters, however since Benzene was reported as non-detected with a less sensitive Quantitation Limit (QL), a pre-draft survey was sent to allow the permittee to submit additional testing results at the Department's established Target QL (0.5 µg/l). The limits for 1,2-Dichlorethane were included in the pre-draft survey to notify the permittee but would be imposed regardless of any additional testing.

The permittee completed the pre-draft survey explaining Benzene has not been detected since 2017; however, the established Quantitation Limit was not used, and additional testing was not completed. Since additional testing was not submitted, Benzene monitoring will remain in the permit.

Notes

Vinyl Chloride

The maximum application sample reported for Vinyl Chloride was <0.0002 mg/l, and the Toxics Management Spreadsheet (see Attachment 1) did not recommend modeling for Vinyl Chloride. However, Vinyl Chloride monitoring was included in the previous renewal because it is the major constituent of the groundwater contamination and will be retained with this renewal.

Approved Chemical Additives

Outfall Number	Chemical Name	Purpose	Maximum Usage Rate	Units
001	Disodium Phosphate Anhydrous	Calcium scale inhibitor	0.76	Gallons per month

Anti-backsliding

Table 1. Current Effluent Limitations for Outfall 001

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	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	Continuous	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	2/month	Grab
Total Suspended Solids	XXX	XXX	XXX	30.0	XXX	60.0	2/month	Grab
Vinyl Chloride	XXX	XXX	XXX	Report	XXX	XXX	2/month	Grab

Comments: None of the above limits are proposed to become more stringent. All permit limitations, monitoring requirements, and conditions will be retained into the next permit with the addition monitoring for Benzene and Trichloroethylene, and 1,2-Dichloroethane limits.

Proposed Effluent Limitations and Monitoring Requirements

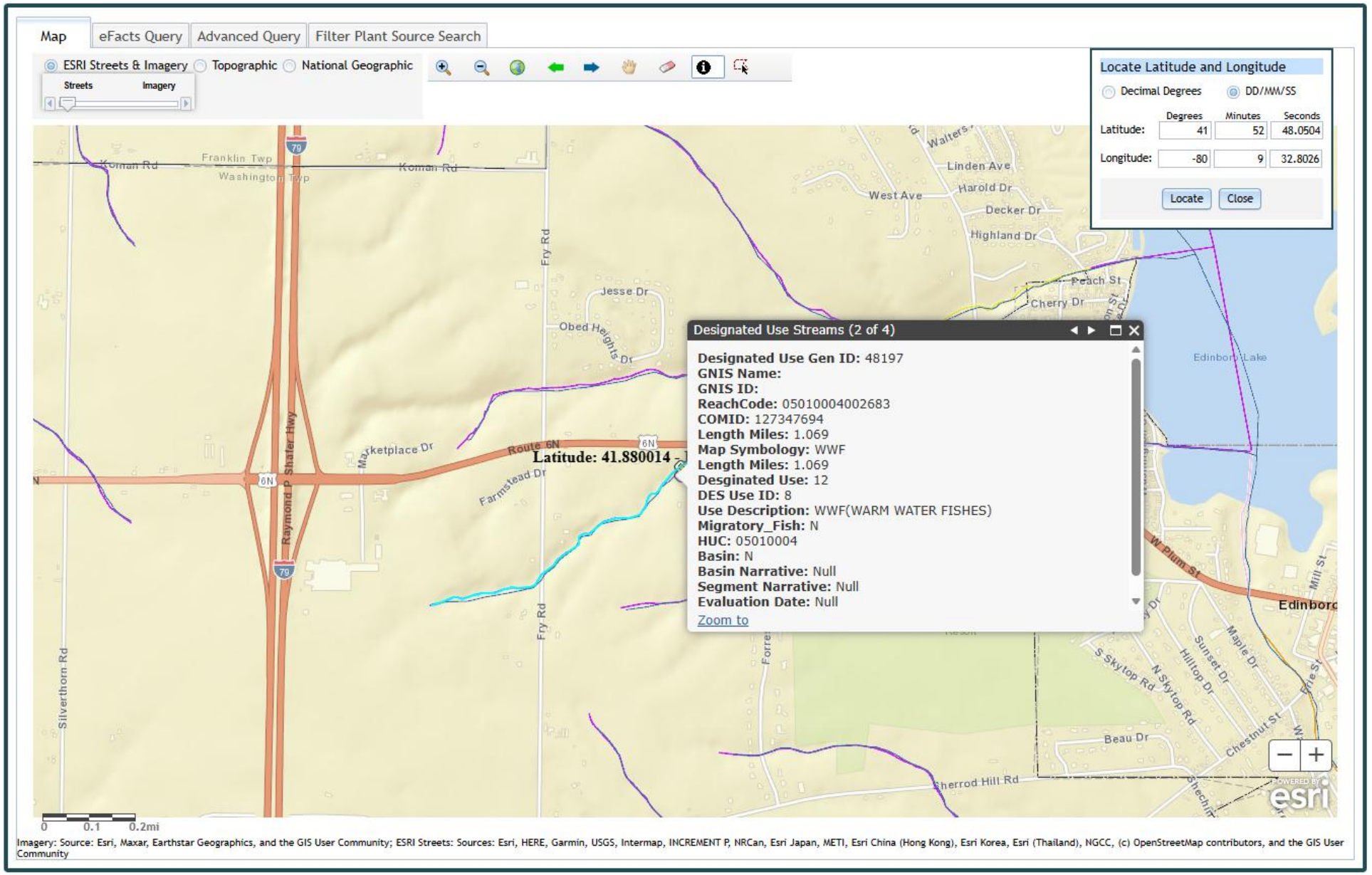
The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (386-0400-001), 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	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	Continuous	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	2/month	Grab
TSS	XXX	XXX	XXX	30.0	XXX	60.0	2/month	Grab
Vinyl Chloride	XXX	XXX	XXX	Report	XXX	XXX	2/month	Grab
Trichloroethylene	XXX	XXX	XXX	Report	XXX	XXX	2/month	Grab
1,2-Dicloroethane	XXX	XXX	XXX	0.05	XXX	0.13	2/month	Grab
Benzene	XXX	XXX	XXX	Report	XXX	XXX	2/month	Grab

Compliance Sampling Location: Outfall 001

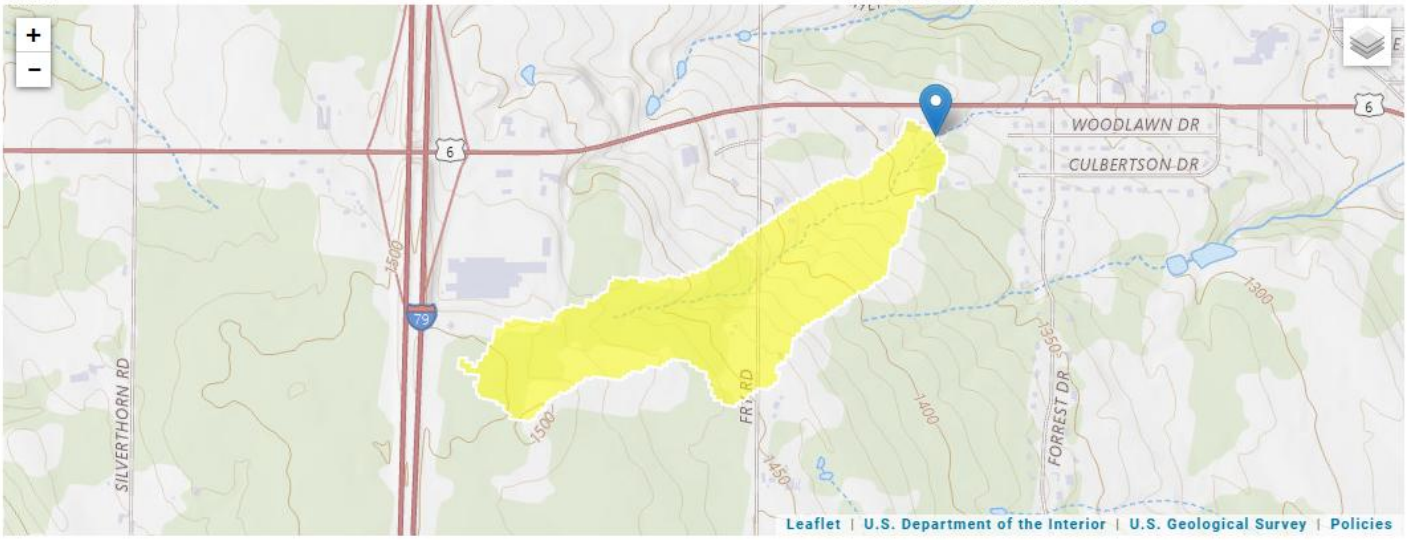
Attachment 1
eMapPA- Receiving Stream Details



Attachment 2
StreamStats Report (Outfall 001)

StreamStats Report

Region ID:	PA
Workspace ID:	PA20251106153219860000
Clicked Point (Latitude, Longitude):	41.88012, -80.15940
Time:	2025-11-06 10:32:43 -0500



Low-Flow Statistics

Low-Flow Statistics Parameters [Low Flow Region 3]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.14	square miles	2.33	1720
ELEV	Mean Basin Elevation	1433	feet	898	2700
PRECIP	Mean Annual Precipitation	45	inches	38.7	47.9

Low-Flow Statistics Disclaimers [Low Flow Region 3]

One or more of the parameters is outside the suggested range. Estimates were extrapolated with unknown errors.

Low-Flow Statistics Flow Report [Low Flow Region 3]

Statistic	Value	Unit
7 Day 2 Year Low Flow	0.0141	ft^3/s
30 Day 2 Year Low Flow	0.0221	ft^3/s
7 Day 10 Year Low Flow	0.00522	ft^3/s
30 Day 10 Year Low Flow	0.00797	ft^3/s
90 Day 10 Year Low Flow	0.0122	ft^3/s

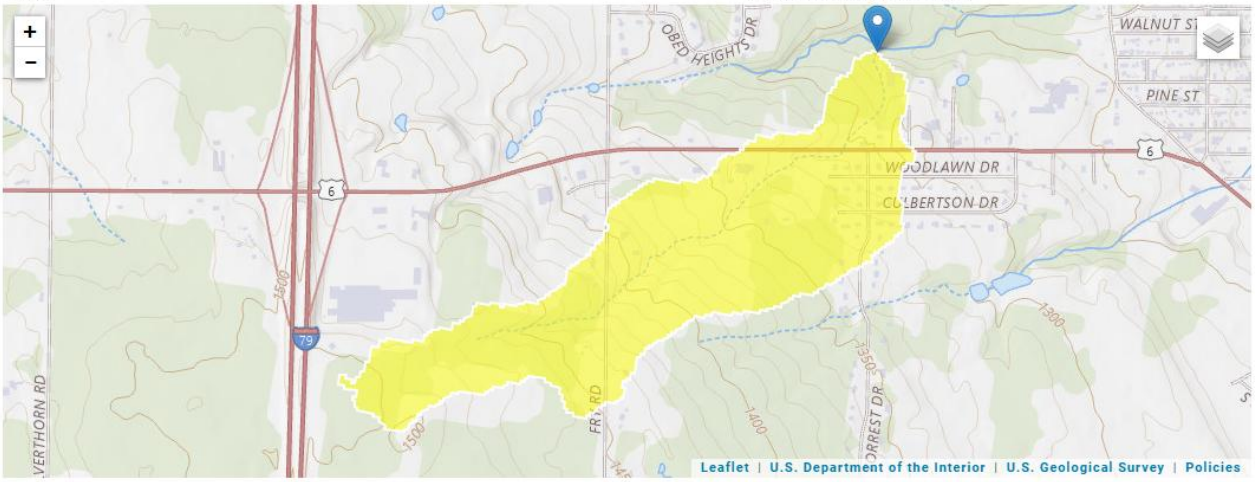
Low-Flow Statistics Citations

Stuckey, M.H.,2006, Low-flow, base-flow, and mean-flow regression equations for Pennsylvania streams: U.S. Geological Survey Scientific Investigations Report 2006-5130, 84 p.

Attachment 3
StreamStats Report (Endpoint)

StreamStats Report

Region ID:	PA
Workspace ID:	PA20251106155659838000
Clicked Point (Latitude, Longitude):	41.88352, -80.15531
Time:	2025-11-06 10:57:25 -0500



Low-Flow Statistics

Low-Flow Statistics Parameters [Low Flow Region 3]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.26	square miles	2.33	1720
ELEV	Mean Basin Elevation	1387	feet	898	2700
PRECIP	Mean Annual Precipitation	45	inches	38.7	47.9

Low-Flow Statistics Disclaimers [Low Flow Region 3]

One or more of the parameters is outside the suggested range. Estimates were extrapolated with unknown errors.

Low-Flow Statistics Flow Report [Low Flow Region 3]

Statistic	Value	Unit
7 Day 2 Year Low Flow	0.0259	ft^3/s
30 Day 2 Year Low Flow	0.0402	ft^3/s
7 Day 10 Year Low Flow	0.00989	ft^3/s
30 Day 10 Year Low Flow	0.015	ft^3/s
90 Day 10 Year Low Flow	0.0228	ft^3/s

Low-Flow Statistics Citations

Stuckey, M.H.,2006, Low-flow, base-flow, and mean-flow regression equations for Pennsylvania streams: U.S. Geological Survey Scientific Investigations Report 2006-5130, 84 p.

Attachment 4
Toxics Management Spreadsheet

Discharge Information

Instructions | Discharge | Stream

Facility: Presque Isle Chemical Site NPDES Permit No.: PA0272710 Outfall No.: 001

Evaluation Type: Major Sewage / Industrial Waste Wastewater Description: Treated Groundwater

Discharge Characteristics									
Design Flow (MGD)*	Hardness (mg/l)*	pH (SU)*	Partial Mix Factors (PMFs)				Complete Mix Times (min)	
			AFC	CFC	THH	CRL	Q_{7-10}	Q_h
0.0118	100	7.57						

					0 if left blank		0.5 if left blank		0 if left blank			1 if left blank	
	Discharge Pollutant	Units	Max Discharge Conc		Trib Conc	Stream Conc	Daily CV	Hourly CV	Stream CV	Fate Coeff	FOS	Criteria Mod	Chem Transl
Group 1	Total Dissolved Solids (PWS)	mg/L											
	Chloride (PWS)	mg/L											
	Bromide	mg/L											
	Sulfate (PWS)	mg/L											
	Fluoride (PWS)	mg/L											
Group 2	Total Aluminum	µg/L											
	Total Antimony	µg/L											
	Total Arsenic	µg/L											
	Total Barium	µg/L											
	Total Beryllium	µg/L											
	Total Boron	µg/L											
	Total Cadmium	µg/L											
	Total Chromium (III)	µg/L											
	Hexavalent Chromium	µg/L											
	Total Cobalt	µg/L											
	Total Copper	mg/L											
	Free Cyanide	µg/L											
	Total Cyanide	µg/L											
	Dissolved Iron	µg/L											
	Total Iron	µg/L											
	Total Lead	mg/L											
	Total Manganese	µg/L											
	Total Mercury	µg/L											
	Total Nickel	µg/L											
	Total Phenols (Phenolics) (PWS)	µg/L											
	Total Selenium	µg/L											
	Total Silver	µg/L											
	Total Thallium	µg/L											
	Total Zinc	mg/L											
	Total Molybdenum	µg/L											
	Acrolein	µg/L											
	Acrylamide	µg/L											
	Acrylonitrile	µg/L											
	Benzene	mg/L	<	0.001									
	Bromoform	µg/L											

Group 3	Carbon Tetrachloride	µg/L											
	Chlorobenzene	µg/L											
	Chlorodibromomethane	µg/L											
	Chloroethane	µg/L											
	2-Chloroethyl Vinyl Ether	µg/L											
	Chloroform	µg/L											
	Dichlorobromomethane	µg/L											
	1,1-Dichloroethane	mg/L		0.0018									
	1,2-Dichloroethane	mg/L		0.0785									
	1,1-Dichloroethylene	µg/L											
	1,2-Dichloropropane	µg/L											
	1,3-Dichloropropylene	µg/L											
	1,4-Dioxane	µg/L											
	Ethylbenzene	mg/L	<	0.001									
	Methyl Bromide	µg/L											
	Methyl Chloride	µg/L											
	Methylene Chloride	µg/L											
	1,1,2,2-Tetrachloroethane	µg/L											
	Tetrachloroethylene	mg/L		0.00063									
	Toluene	mg/L	<	0.001									
	1,2-trans-Dichloroethylene	µg/L											
	1,1,1-Trichloroethane	µg/L											
	1,1,2-Trichloroethane	µg/L											
	Trichloroethylene	mg/L		0.00087									
	Vinyl Chloride	mg/L	<	0.0002									
Group 4	2-Chlorophenol	µg/L											
	2,4-Dichlorophenol	µg/L											
	2,4-Dimethylphenol	µg/L											
	4,6-Dinitro-o-Cresol	µg/L											
	2,4-Dinitrophenol	µg/L											
	2-Nitrophenol	µg/L											
	4-Nitrophenol	µg/L											
	p-Chloro-m-Cresol	µg/L											
	Pentachlorophenol	µg/L											
	Phenol	µg/L											
	2,4,6-Trichlorophenol	µg/L											
Group 5	Acenaphthene	µg/L											
	Acenaphthylene	µg/L											
	Anthracene	µg/L											
	Benzidine	µg/L											
	Benzo(a)Anthracene	µg/L											
	Benzo(a)Pyrene	µg/L											
	3,4-Benzofluoranthene	µg/L											
	Benzo(ghi)Perylene	µg/L											
	Benzo(k)Fluoranthene	µg/L											
	Bis(2-Chloroethoxy)Methane	µg/L											
	Bis(2-Chloroethyl)Ether	µg/L											
	Bis(2-Chloroisopropyl)Ether	µg/L											
	Bis(2-Ethylhexyl)Phthalate	µg/L											
	4-Bromophenyl Phenyl Ether	µg/L											
	Butyl Benzyl Phthalate	µg/L											
	2-Chloronaphthalene	µg/L											
	4-Chlorophenyl Phenyl Ether	µg/L											
	Chrysene	µg/L											
	Dibenzo(a,h)Anthrancene	µg/L											
	1,2-Dichlorobenzene	µg/L											
	1,3-Dichlorobenzene	µg/L											
	1,4-Dichlorobenzene	µg/L											
	3,3-Dichlorobenzidine	µg/L											
	Diethyl Phthalate	µg/L											
	Dimethyl Phthalate	µg/L											
	Di-n-Butyl Phthalate	µg/L											
	2,4-Dinitrotoluene	µg/L											

	2,6-Dinitrotoluene	µg/L												
	Di-n-Octyl Phthalate	µg/L												
	1,2-Diphenylhydrazine	µg/L												
	Fluoranthene	µg/L												
	Fluorene	µg/L												
	Hexachlorobenzene	µg/L												
	Hexachlorobutadiene	µg/L												
	Hexachlorocyclopentadiene	µg/L												
	Hexachloroethane	µg/L												
	Indeno(1,2,3-cd)Pyrene	µg/L												
	Isophorone	µg/L												
	Naphthalene	µg/L	<	0.001										
	Nitrobenzene	µg/L												
	n-Nitrosodimethylamine	µg/L												
	n-Nitrosodi-n-Propylamine	µg/L												
	n-Nitrosodiphenylamine	µg/L												
	Phenanthrene	µg/L												
	Pyrene	µg/L												
	1,2,4-Trichlorobenzene	µg/L												
Group 6	Aldrin	µg/L												
	alpha-BHC	µg/L												
	beta-BHC	µg/L												
	gamma-BHC	µg/L												
	delta BHC	µg/L												
	Chlordane	µg/L												
	4,4-DDT	µg/L												
	4,4-DDE	µg/L												
	4,4-DDD	µg/L												
	Dieldrin	µg/L												
	alpha-Endosulfan	µg/L												
	beta-Endosulfan	µg/L												
	Endosulfan Sulfate	µg/L												
	Endrin	µg/L												
	Endrin Aldehyde	µg/L												
	Heptachlor	µg/L												
	Heptachlor Epoxide	µg/L												
	PCB-1016	µg/L												
	PCB-1221	µg/L												
	PCB-1232	µg/L												
	PCB-1242	µg/L												
	PCB-1248	µg/L												
	PCB-1254	µg/L												
	PCB-1260	µg/L												
	PCBs, Total	µg/L												
	Toxaphene	µg/L												
	2,3,7,8-TCDD	ng/L												
Group 7	Gross Alpha	pCi/L												
	Total Beta	pCi/L												
	Radium 226/228	pCi/L												
	Total Strontium	µg/L												
	Total Uranium	µg/L												
	Osmotic Pressure	mOs/kg												

Stream / Surface Water Information

Presque Isle Chemical Site, NPDES Permit No. PA0272710, Outfall 001

Instructions | Discharge | Stream

Receiving Surface Water Name: Trib 53061 to Conneautee Creek

No. Reaches to Model: 1

(●) Statewide Criteria
( ) Great Lakes Criteria
( ) ORSANCO Criteria

Location	Stream Code*	RMI*	Elevation (ft)*	DA (mi²)*	Slope (ft/ft)	PWS Withdrawal (MGD)	Apply Fish Criteria*
Point of Discharge	053061	0.44	1334	0.14			Yes
End of Reach 1	053061	0	1271	0.26			Yes

$Q_{7\text{-}10}$

Location	RMI	LFY (cfs/mi²)*	Flow (cfs)		W/D Ratio	Width (ft)	Depth (ft)	Velocity (fps)	Travel Time (days)	Tributary		Stream		Analysis	
			Stream	Tributary						Hardness	pH	Hardness*	pH*	Hardness	pH
Point of Discharge	0.44	0.037										100	7		
End of Reach 1	0	0.038													

Q_h

Location	RMI	LFY (cfs/mi²)	Flow (cfs)		W/D Ratio	Width (ft)	Depth (ft)	Velocity (fps)	Travel Time (days)	Tributary		Stream		Analysis	
			Stream	Tributary						Hardness	pH	Hardness	pH	Hardness	pH
Point of Discharge	0.44														
End of Reach 1	0														

Pollutants	Conc (µg/L)	CV	(µg/L)	Coef	(µg/L)	(µg/L)	WLA (µg/L)	Comments
Benzene	0	0		0	N/A	N/A	N/A	
1,2-Dichloroethane	0	0		0	N/A	N/A	N/A	
Ethylbenzene	0	0		0	68	68.0	87.3	
Tetrachloroethylene	0	0		0	N/A	N/A	N/A	
Toluene	0	0		0	57	57.0	73.2	
Trichloroethylene	0	0		0	N/A	N/A	N/A	
Vinyl Chloride	0	0		0	N/A	N/A	N/A	
Naphthalene	0	0		0	N/A	N/A	N/A	

☑ *CRL* CCT (min): 0.044 PMF: 1 Analysis Hardness (mg/l): N/A Analysis pH: N/A

Pollutants	Stream Conc (µg/L)	Stream CV	Trib Conc (µg/L)	Fate Coef	WQC (µg/L)	WQ Obj (µg/L)	WLA (µg/L)	Comments
Benzene	0	0		0	0.58	0.58	2.95	
1,2-Dichloroethane	0	0		0	9.9	9.9	50.4	
Ethylbenzene	0	0		0	N/A	N/A	N/A	
Tetrachloroethylene	0	0		0	10	10.0	50.9	
Toluene	0	0		0	N/A	N/A	N/A	
Trichloroethylene	0	0		0	0.6	0.6	3.06	
Vinyl Chloride	0	0		0	0.02	0.02	0.1	
Naphthalene	0	0		0	N/A	N/A	N/A	

☑ ***Recommended WQBELs & Monitoring Requirements***

No. Samples/Month: 4

Pollutants	*Mass Limits* AML (lbs/day)	*Mass Limits* MDL (lbs/day)	*Concentration Limits* AML	MDL	IMAX	Units	Governing WQBEL	WQBEL Basis	Comments
Benzene	Report	Report	Report	Report	Report	mg/L	0.003	CRL	Discharge Conc > 25% WQBEL (no RP)
1,2-Dichloroethane	0.005	0.008	0.05	0.079	0.13	mg/L	0.05	CRL	Discharge Conc ≥ 50% WQBEL (RP)
Trichloroethylene	Report	Report	Report	Report	Report	mg/L	0.003	CRL	Discharge Conc > 25% WQBEL (no RP)

☑ ***Other Pollutants without Limits or Monitoring***

The following pollutants do not require effluent limits or monitoring based on water quality because reasonable potential to exceed water quality criteria was not determined and the discharge concentration was less than thresholds for monitoring, or the pollutant was not detected and a sufficiently sensitive analytical method was used (e.g., <= Target QL).

Pollutants	Governing WQBEL	Units	Comments
1,1-Dichloroethane	N/A	N/A	No WQS
Ethylbenzene	0.087	mg/L	Discharge Conc ≤ 25% WQBEL
Tetrachloroethylene	0.051	mg/L	Discharge Conc ≤ 25% WQBEL
Toluene	0.073	mg/L	Discharge Conc ≤ 25% WQBEL
Vinyl Chloride	N/A	N/A	Discharge Conc < TQL

Naphthalene	N/A	N/A	Discharge Conc < TQL