

Application Type Renewal  
 Facility Type Sewage  
 Major / Minor Minor

**NPDES PERMIT FACT SHEET  
ADDENDUM**

Application No. PA0047201  
 APS ID 1066334  
 Authorization ID 1401206

**Applicant and Facility Information**

Applicant Name	<u>Tionesta Municipal Authority</u>	Facility Name	<u>Tionesta Borough WWTP</u>
Applicant Address	<u>PO Box 408</u> <u>Tionesta, PA 16353-0408</u>	Facility Address	<u>104 River Street</u> <u>Tionesta, PA 16353-0408</u>
Applicant Contact	<u>Cynthia Crytzer, Borough Manager</u> <u>(cindycrytzer@tionestaboro.org)</u>	Facility Contact	<u>Cynthia Crytzer, Borough Manager</u> <u>(cindycrytzer@tionestaboro.org)</u>
Applicant Phone	<u>(814) 755-3502</u>	Facility Phone	<u>(814) 755-3502</u>
Client ID	<u>66643</u>	Site ID	<u>263865</u>
SIC Code	<u>4952</u>	Municipality	<u>Tionesta Borough</u>
SIC Description	<u>Trans. &amp; Utilities - Sewerage Systems</u>	County	<u>Forest</u>
Date Published in PA Bulletin	<u>February 17, 2024</u>	EPA Waived?	<u>Yes</u>
Comment Period End Date	<u>March 17, 2024</u>	If No, Reason	<u>-</u>
Purpose of Application	<u>Application for a renewal of an NPDES permit for discharge of treated Sewage</u>		

**Internal Review and Recommendations**

The Department did not receive any comments from the Permittee in response to the Draft NPDES Permit.

Draft comments were received from the PA Fish and Boat Commission (see Attachment A), and the US Fish and Wildlife Service (see Attachment B).

Based on the comments received, monitoring for pollutants of concern for mussels was added and the NPDES Permit will be redrafted.

There are no open violations in efacts for Client ID (66643) as of 4/10/2025.

ADDENDUM:

Approve	Return	Deny	Signatures	Date
X			Stephen A. McCauley Stephen A. McCauley, E.I.T. / Project Manager	4/10/2025
X			Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	4/14/2025

On February 26, 2024, Garret Kratina, representing the PA Fish and Boat Commission (PFBC), forwarded comments pertaining to the Draft NPDES permit (see Attachment A). A summary of the comments and the Department's responses follows:

Comment 1:	Given that total copper has also been identified as a parameter of interest to the USFWS, the PFBC would like the DEP to consider the addition of total copper effluent monitoring to this permit renewal.
Response 1:	While there is no reasonable potential for total copper from this facility based on the Department's water quality criteria, quarterly monitoring will be added per the PFBC request, under the authority of Chapter 92a.61.

On March 13, 2024, Carrie Blakeslee, representing the US Fish and Wildlife Service (USFWS), forwarded comments pertaining to the Draft NPDES permit (see Attachment B). A summary of the comments and the Department's responses follows:

Comment 1:	The USFWS requests that monitoring for ammonia-nitrogen, chloride, total nickel, and total zinc be continued over the next permit cycle.
Response 1:	<p>Monthly monitoring for ammonia-nitrogen was already retained for the next permit cycle. While there is no reasonable potential for chloride, total nickel, or dissolved zinc from this facility based on the Department's water quality criteria, quarterly monitoring will be added per the USFWS request under the authority of Chapter 92a.61.</p> <p>The Department has included monitoring for dissolved zinc rather than total zinc, since that is what the USFWS criteria specifies.</p>
Comment 2:	The USFWS requests monthly, and at the very least quarterly, monitoring throughout the permit cycle to determine if it is appropriate to discontinue monitoring for a given parameter.
Response 2:	Monitoring will be set as quarterly in the second draft, which will provide sufficient data for evaluation with the next renewal permit.

**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) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Weekly Average	Minimum	Average Monthly	Weekly Average	Instant. Maximum		
Flow (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX	Continuous	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/day	Grab
DO	XXX	XXX	4.0 Inst Min	XXX	XXX	XXX	1/day	Grab
TRC	XXX	XXX	XXX	0.5	XXX	1.6	1/day	Grab
CBOD5	52.0	78.0	XXX	25.0	37.5	50	1/week	24-Hr Composite
BOD5 Raw Sewage Influent	Report	XXX	XXX	Report	Report	XXX	1/week	24-Hr Composite
TSS Raw Sewage Influent	Report	XXX	XXX	Report	Report	XXX	1/week	24-Hr Composite
TSS	62.0	93.0	XXX	30.0	45.0	60	1/week	24-Hr Composite
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	10000	1/week	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	1000	1/week	Grab
E. Coli (No./100 ml)	XXX	XXX	XXX	XXX	XXX	Report	1/quarter	Grab
Total Nitrogen	Report	XXX	XXX	Report	XXX	Report	1/month	24-Hr Composite
Ammonia	Report	XXX	XXX	Report	XXX	Report	1/month	24-Hr Composite
Total Phosphorus	Report	XXX	XXX	Report	XXX	Report	1/month	24-Hr Composite

Outfall 001 , Continued (from 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	Weekly Average	Minimum	Average Monthly	Weekly Average	Instant. Maximum		
Total Copper	Report Avg Qrtly	Report Daily Max	XXX	Report Avg Qrtly	Report Daily Max	XXX	1/quarter	24-Hr Composite
Total Nickel	Report Avg Qrtly	Report Daily Max	XXX	Report Avg Qrtly	Report Daily Max	XXX	1/quarter	24-Hr Composite
Dissolved Zinc	Report Avg Qrtly	Report Daily Max	XXX	Report Avg Qrtly	Report Daily Max	XXX	1/quarter	24-Hr Composite
Chloride	Report Avg Qrtly	Report Daily Max	XXX	Report Avg Qrtly	Report Daily Max	XXX	1/quarter	24-Hr Composite

Compliance Sampling Location: at Outfall 001, after disinfection

Flow is monitor only based on Chapter 92a.61. The limits for pH and Dissolved Oxygen are technology-based on Chapter 93.7. The Total Residual Chlorine (TRC) limits are technology-based on Chapter 92a.48. The limits for CBOD<sub>5</sub>, Total Suspended Solids, and Fecal Coliforms are technology-based on Chapter 92a.47. Monitoring for influent BOD<sub>5</sub> and influent TSS is based on Chapter 92a.61. Monitoring for E. Coli, Total Nitrogen, Ammonia-Nitrogen, Total Phosphorus, Total Copper, Total Nickel, Dissolved Zinc, and Chloride is based on Chapter 92a.61.

Attachment A

**RE: Tionesta Borough WWTP - PA0047201 - Draft Permit Documents (Tionesta Borough, Forest County)**

Kratina, Garret <gkratina@pa.gov>

Mon 2/26/2024 2:47 PM

To: Dickey, Justin <judickey@pa.gov>

Cc: McCauley, Stephen <smccauley@pa.gov>; Blakeslee, Carrie J <carrie\_blakeslee@fws.gov>; Urban, Chris <curban@pa.gov>; Brancato, Joseph <jbrancato@pa.gov>; Brown, Joshua <joshubrown@pa.gov>; Welte, Nevin <c-nwelte@pa.gov>; Lorson, Benjamin <belorson@pa.gov>

Hello Justin,

Thank you for sharing this permit renewal with the Pennsylvania Fish and Boat Commission (PFBC) and for allowing us to provide comments. Since the impact area calculation predicts that this discharge is expected to almost instantaneously dilute with the Allegheny River for Ammonia-Nitrogen, Chlorides, and Nickel, the PFBC does not have significant concerns regarding the approval of this permit. The PFBC appreciates the addition of effluent monitoring for dissolved Zinc to develop a dataset to evaluate potential impacts on threatened and endangered (T&E) mussels for future permit renewals. Given that total Copper has also been identified as a parameter of interest to the United States Fish and Wildlife Service (USFWS) when reviewing NPDES permit renewals for similar facilities that discharge into waters that have the potential to contain T&E mussels, the PFBC would like PADEP to consider the addition of total Copper effluent monitoring to this permit renewal.

Thank you for considering the PFBC's comments. If you'd like to provide feedback or have questions regarding our comments, please contact me at (717) 836-2134 or email [gkratina@pa.gov](mailto:gkratina@pa.gov).

Sincerely,

**Garret Kratina** | Fisheries Biologist  
Pennsylvania Fish and Boat Commission | Division of Environmental Services  
595 East Rolling Ridge Drive | Bellefonte, PA 16823  
Mobile: 717.836.2134 | Office: 814.359.2219  
[fishandboat.com](http://fishandboat.com)

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**From:** Dickey, Justin <judickey@pa.gov>  
**Sent:** Monday, February 5, 2024 9:44 AM  
**To:** Blakeslee, Carrie J <carrie\_blakeslee@fws.gov>; Urban, Chris <curban@pa.gov>; Kratina, Garret <gkratina@pa.gov>; Brancato, Joseph <jbrancato@pa.gov>; Brown, Joshua <joshubrown@pa.gov>; Welte, Nevin <c-nwelte@pa.gov>  
**Cc:** McCauley, Stephen <smccauley@pa.gov>  
**Subject:** Tionesta Borough WWTP - PA0047201 - Draft Permit Documents (Tionesta Borough, Forest County)

Please find attached the DRAFT NPDES Permit documents for the Tionesta Borough WWTP facility located in Woodcock Township, Crawford County (NPDES Permit No. PA0003026). The subject discharges are existing discharges to Allegheny River. Please note that page 7 of the Fact Sheet summarizes the Department's concerns and considerations for threatened and endangered mussel species. The Draft Permit notification should get published in the Pennsylvania Bulletin on February 17, 2024 with the 30-day public comment period ending on March 18, 2024.

If you have any questions or need additional information, please call or email me or Stephen McCauley.

Thank you,

**Justin C. Dickey, P.E.** | Environmental Program Manager  
Department of Environmental Protection | Clean Water Program  
Northwest Regional Office  
230 Chestnut Street | Meadville, PA 16335  
Phone: 814.332.6352 | Fax: 814.332.6121  
[www.dep.pa.gov](http://www.dep.pa.gov)

Attachment B

Re: [EXTERNAL] Tionesta Borough WWTP - PA0047201 - Draft Permit Documents  
(Tionesta Borough, Forest County)

Blakeslee, Carrie J <carrie\_blakeslee@fws.gov>

Wed 3/13/2024 9:51 AM

To: Dickey, Justin <judickey@pa.gov>; Urban, Chris <curban@pa.gov>; Kratina, Garret <gkratina@pa.gov>; Brancato, Joseph <jbrancato@pa.gov>; Brown, Joshua <joshibrown@pa.gov>; Welte, Nevin <c-nwelte@pa.gov>  
Cc: McCauley, Stephen <smccauley@pa.gov>

Justin,

The Fish and Wildlife Service has reviewed this permit and we request that monitoring for all parameters of concern, ammonia-nitrogen, chloride, total nickel, and total zinc, continue over the next permit cycle. Given the importance of the Allegheny River to federally and state listed mussel species, we would like to continue to gather data to provide a valid baseline in making monitoring decisions.

To ensure we are collecting meaningful data and that we have a clear picture of the concentrations of these parameters at the outfall, we would request monthly, and at the very least quarterly, monitoring throughout the permit cycle. Without this type of data, we do not have the information we need to determine if it is appropriate to discontinue monitoring for a given parameter.

If you have questions or would like to discuss this topic further, we would be happy to arrange a meeting for further discussion. Thank you.

Carrie

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*Carrie Blakeslee*

U.S. Fish and Wildlife Service  
Pennsylvania Field Office  
110 Radnor Rd., Suite 101  
State College, PA 16801  
carrie\_blakeslee@fws.gov  
Cell phone: (814) 470-2736  
Office phone: (814) 206-7471 (Mondays & Tuesdays)

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**Sent:** Monday, February 5, 2024 9:44 AM  
**To:** Blakeslee, Carrie J <carrie\_blakeslee@fws.gov>; Urban, Chris <curban@pa.gov>; Kratina, Garret <gkratina@pa.gov>; Brancato, Joseph <jbrancato@pa.gov>; Brown, Joshua <joshibrown@pa.gov>; Welte, Nevin <c-nwelte@pa.gov>  
**Cc:** McCauley, Stephen <smccauley@pa.gov>  
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If you have any questions or need additional information, please call or email me or Stephen McCauley.

Thank you,

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