



Department of
Environmental
Conservation

State Pollutant Discharge Elimination System (SPDES) DISCHARGE PERMIT

SIC Code:	8999	NAICS Code:	611110	SPDES Number:	NY 021 6186
Discharge Class (CL):	02	DEC Number:	7-3546-00025		
Toxic Class (TX):	N	Effective Date (EDP):			
Major-Sub Drainage Basin:	03 - 03	Expiration Date (ExDP):			
Water Index Number:	ONT.	Item No.:	-58-9-11-1	Modification Dates (EDPM):	TBD by DEP
Compact Area:	IJC				

This SPDES permit is issued in compliance with Title 8 of Article 17 of the Environmental Conservation Law of New York State and in compliance with the Clean Water Act, as amended, (33 U.S.C. ' 1251 et.seq.)

PERMITTEE NAME AND ADDRESS						
Name:	Altmar Parish Williamstown CSD			Attention:	David Poore	
Street:	640 County Route 22			State:	NY	Zip Code: 13131
City:	Parish			Phone:	315-625-5245	
Email:	dpoore@apw.cnyric.org					

is authorized to discharge from the facility described below:

FACILITY NAME, ADDRESS, AND PRIMARY OUTFALL							
Name:	Altmar Parish Williamstown Central School District Campus						
Address / Location:	640 County Route 22				County:	Oswego	
City:	(V) Parish			State:	NY	Zip Code:	13131
Facility Location:	Latitude:	43 °	26 ' 35.7 " N	& Longitude:	76 °	03 ' 12.8 " W	
Primary Outfall No.:	001	Latitude:	43 °	26 ' 47.6 " N	& Longitude:	76 °	03 ' 4.8 " W
Outfall Description:	Treated Sanitary	Receiving Water:	Trib.1 of Trib.11 of North Branch of Little Salmon River			Class:	C(T)

in accordance with: effluent limitations; monitoring and reporting requirements; other provisions and conditions set forth in this permit; and 6 NYCRR Part 750-1 and 750-2. The co-permittees subject to one or more conditions of this permit are listed on page 2.

This permit and the authorization to discharge shall expire on midnight of the expiration date shown above and the permittee shall not discharge after the expiration date unless this permit has been renewed or extended pursuant to law. To be authorized to discharge beyond the expiration date, the permittee shall apply for permit renewal not less than 180 days prior to the expiration date shown above.

DISTRIBUTION:

CO BWP - Permit Coordinator
CO BWC - SCIS
RWE
RPA
EPA Region II
NYSEFC

Permit Administrator:	Kevin M. Balduzzi		
Address:	5786 Widewaters Parkway, Syracuse, NY 13214		
Signature:		Date:	/ /

DEFINITIONS

TERM	DEFINITION
7-Day Geo Mean	The highest allowable geometric mean of daily discharges over a calendar week.
7-Day Average	The average of all daily discharges for each 7-days in the monitoring period. The sample measurement is the highest of the 7-day averages calculated for the monitoring period.
12-Month Rolling Average (12 MRA)	The current monthly value of a parameter, plus the sum of the monthly values over the previous 11 months for that parameter, divided by the number of months for which samples were collected in the 12-month period.
30-Day Geometric Mean	The highest allowable geometric mean of daily discharges over a calendar month, calculated as the antilog of: the sum of the log of each of the daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.
Action Level	Action level means a monitoring requirement characterized by a numerical value that, when exceeded, triggers additional permittee actions and department review to determine if numerical effluent limitations should be imposed.
Compliance Level / Minimum Level	A compliance level is an effluent limitation. A compliance level is given when the water quality evaluation specifies a Water Quality Based Effluent Limit (WQBEL) below the Minimum Level. The compliance level shall be set at the Minimum Level (ML) for the most sensitive analytical method as given in 40 CFR Part 136, or otherwise accepted by the Department.
Daily Discharge	The discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for the purposes of sampling. For pollutants expressed in units of mass, the 'daily discharge' is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the 'daily discharge' is calculated as the average measurement of the pollutant over the day.
Daily Maximum	The highest allowable Daily Discharge.
Daily Minimum	The lowest allowable Daily Discharge.
Effective Date of Permit (EDP or EDPM)	The date this permit is in effect.
Effluent Limitations	Effluent limitation means any restriction on quantities, quality, rates and concentrations of chemical, physical, biological, and other constituents of effluents that are discharged into waters of the state.
Expiration Date of Permit (ExDP)	The date this permit is no longer in effect.
Instantaneous Maximum	The maximum level that may not be exceeded at any instant in time.
Instantaneous Minimum	The minimum level that must be maintained at all instants in time.
Monthly Average	The highest allowable average of daily discharges over a calendar month, calculated as the sum of each of the daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.
Outfall	The terminus of a sewer system, or the point of emergence of any waterborne sewage, industrial waste or other wastes or the effluent therefrom, into the waters of the State.
Range	The minimum and maximum instantaneous measurements for the reporting period must remain between the two values shown.
Receiving Water	The classified waters of the state to which the listed outfall discharges.
Sample Frequency / Sample Type / Units	See NYSDEC's "DMR Manual for Completing the Discharge Monitoring Report for the SPDES" for information on sample frequency, type and units.

PERMIT LIMITS, LEVELS AND MONITORING

OUTFALL No.	LIMITATIONS APPLY:	RECEIVING WATER	EFFECTIVE	EXPIRING
001	<input checked="" type="checkbox"/> All Year <input type="checkbox"/> Seasonal from ____ to ____	Trib.1 of trib.11 of North Branch of Little Salmon River	EDPM	6/30/2027

PARAMETER	EFFLUENT LIMIT					MONITORING REQUIREMENTS				FN
	Type	Limit	Units	Limit	Units	Sample Frequency	Sample Type	Location		
								Inf.	Eff.	
Flow	Daily Maximum	0.032	mgd	32,000	gpd	Continuous	Meter	X	X	(2)
Temperature	Daily Maximum	Monitor	Deg F ⁰			Daily	Grab		X	(3)
pH	Range	6.5 - 8.5	SU			Daily	Grab		X	(3)
BOD ₅ (June 1 – Oct 31)	Daily Maximum	5	mg/l	1.34	lbs/d	1/quarter	6-Hr. composite	X	X	(1,4)
BOD ₅ (Nov 1 – May 31)	Daily Maximum	10	mg/l	2.68	lbs/d	1/quarter	6-Hr. composite	X	X	(1,4)
Solids, Suspended	Daily Maximum	10	mg/l	2.68	lbs/d	1/quarter	6-Hr. composite	X	X	(1,4)
Solids, Settleable	Daily Maximum	0.1	ml/l			Daily	Grab		X	(3)
Dissolved Oxygen, DO (June 1 – Oct 31)	Daily Minimum	7	mg/l			1/quarter	Grab		X	(4)
Dissolved Oxygen, DO (Nov 1 - May 31)	Daily Minimum	5	mg/l			1/quarter	Grab		X	(4)
Ammonia (as N) (June 1 – Oct 31)	Daily Maximum	0.98	mg/l	0.26	lbs/d	1/quarter	6-Hr. composite		X	(4)
Ammonia (as N) (Nov 1 - May 31)	Daily Maximum	1.81	mg/l	0.48	lbs/d	1/quarter	6-Hr. composite		X	(4)

Effluent Disinfection requirements below apply from May 1 to Oct 31										
Coliform, Fecal	30-Day Geometric Mean	200	No./100 ml			Monthly	Grab		X	
Coliform, Fecal	7 Day Geometric Mean	400	No./100 ml			Monthly	Grab		X	
Chlorine, Total Residual	Daily Maximum	0.03	mg/l			Weekly	Grab		X	(5)

Footnotes on Next Page

FOOTNOTES:

- (1) and effluent shall not exceed 15% and 15% of influent concentration values for BOD₅ & TSS respectively.
- (2) Flows may be measured at the Influent or Effluent.
- (3) Samples are to be taken everyday campus is open and/or the sanitary septic system is discharging.
- (4) Quarterly samples shall be collected in calendar quarters (Q1 – January 1st to March 31st; Q2 – April 1st to June 30th; Q3 – July 1st to September 30th; Q4 – October 1st to December 31st). Quarterly results shall be reported on the DMR for the first month following the quarter (Q1 – April DMR; Q2 – July DMR; Q3 – October DMR; Q4 – January DMR).
- (5) Sampling and reporting for total residual chlorine are only necessary if chlorine is used for disinfection, elsewhere in the treatment process, or the facility otherwise has reasonable potential to discharge chlorine. Otherwise, the permittee shall report NODI-9 on the DMR.

DISCHARGE NOTIFICATION REQUIREMENTS

- (a) The permittee shall install and maintain identification signs at all outfalls to surface waters listed in this permit, unless the Permittee has obtained a waiver in accordance with the Discharge Notification Act (DNA). Such signs shall be installed before initiation of any discharge.
- (b) Subsequent modifications to or renewal of this permit does not reset or revise the deadline set forth in (a) above, unless a new deadline is set explicitly by such permit modification or renewal.
- (c) The Discharge Notification Requirements described herein do not apply to outfalls from which the discharge is composed exclusively of storm water, or discharges to ground water.
- (d) The sign(s) shall be conspicuous, legible and in as close proximity to the point of discharge as is reasonably possible while ensuring the maximum visibility from the surface water and shore. The signs shall be installed in such a manner to pose minimal hazard to navigation, bathing or other water related activities. If the public has access to the water from the land in the vicinity of the outfall, an identical sign shall be posted to be visible from the direction approaching the surface water.

The signs shall have **minimum** dimensions of eighteen inches by twenty-four inches (18" x 24") and shall have white letters on a green background and contain the following information:

<p>N.Y.S. PERMITTED DISCHARGE POINT</p> <p>SPDES PERMIT No.: NY_____</p> <p>OUTFALL No. : _____</p> <p>For information about this permitted discharge contact:</p> <p>Permittee Name: _____</p> <p>Permittee Contact: _____</p> <p>Permittee Phone: () - ### - ####</p> <p>OR:</p> <p>NYSDEC Division of Water Regional Office Address:</p> <p>NYSDEC Division of Water Regional Phone: () - ### - ####</p>
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- (e) Upon request, the permittee shall make available electronic or hard copies of the sampling data to the public. In accordance with the RECORDING, REPORTING AND ADDITIONAL MONITORING REQUIREMENTS page of your permit, each DMR shall be maintained (either electronically or as a hard copy) on record for a period of five years.
- (f) The permittee shall periodically inspect the outfall identification sign(s) in order to ensure they are maintained, are still visible, and contain information that is current and factually correct. Signs that are damaged or incorrect shall be replaced within 3 months of inspection.

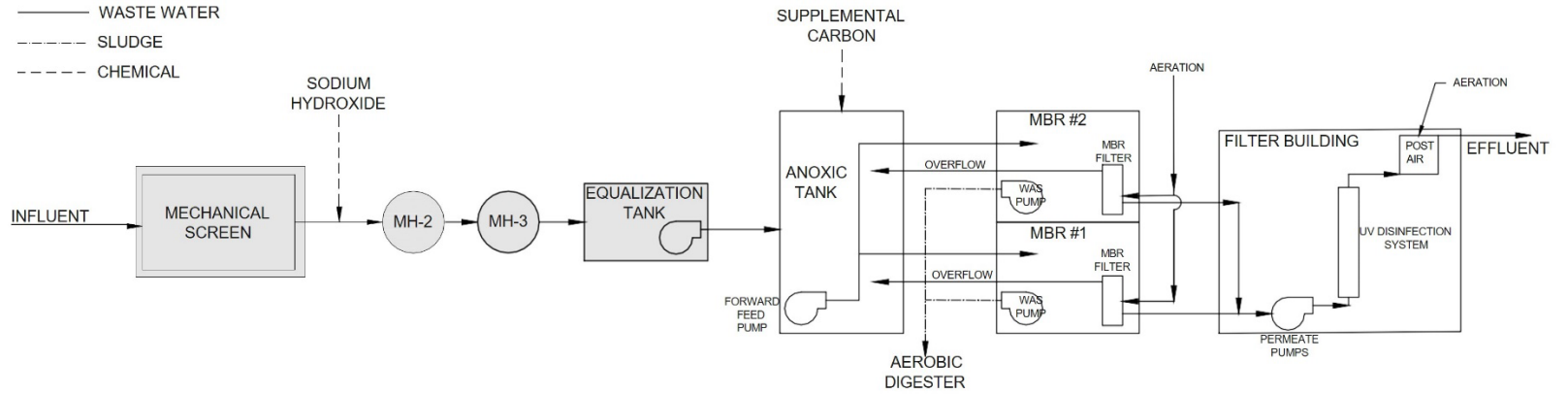
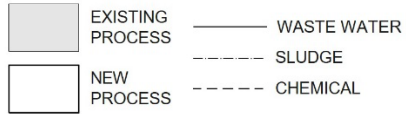
MONITORING LOCATIONS

The permittee shall take samples and measurements, to comply with the monitoring requirements specified in this permit, at the location(s) specified below:

Influent: The influent sample shall be withdrawn from the equalization tank.

Effluent: The effluent sample shall be withdrawn from the Post Aeration Basin.

LEGEND



PROCESS SCHEMATIC

GENERAL REQUIREMENTS

- A. The regulations in 6 NYCRR Part 750 are hereby incorporated by reference and the conditions are enforceable requirements under this permit. The permittee shall comply with all requirements set forth in this permit and with all the applicable requirements of 6 NYCRR Part 750 incorporated into this permit by reference, including but not limited to the regulations in paragraphs B through I as follows:
- B. General Conditions
- | | |
|--|---|
| 1. Duty to comply | 6 NYCRR 750-2.1(e) & 2.4 |
| 2. Duty to reapply | 6 NYCRR 750-1.16(a) |
| 3. Need to halt or reduce activity not a defense | 6 NYCRR 750-2.1(g) |
| 4. Duty to mitigate | 6 NYCRR 750-2.7(f) |
| 5. Permit actions | 6 NYCRR 750-1.1(c), 1.18, 1.20 & 2.1(h) |
| 6. Property rights | 6 NYCRR 750-2.2(b) |
| 7. Duty to provide information | 6 NYCRR 750-2.1(i) |
| 8. Inspection and entry | 6 NYCRR 750-2.1(a) & 2.3 |
- C. Operation and Maintenance
- | | |
|-----------------------------------|--------------------------------------|
| 1. Proper Operation & Maintenance | 6 NYCRR 750-2.8 |
| 2. Bypass | 6 NYCRR 750-1.2(a)(17), 2.8(b) & 2.7 |
| 3. Upset | 6 NYCRR 750-1.2(a)(94) & 2.8(c) |
- D. Monitoring and Records
- | | |
|---------------------------|--|
| 1. Monitoring and records | 6 NYCRR 750-2.5(a)(2), 2.5(a)(6), 2.5(c)(1), 2.5(c)(2), & 2.5(d) |
| 2. Signatory requirements | 6 NYCRR 750-1.8 & 2.5(b) |
- E. Reporting Requirements
- | | |
|---|-----------------------------|
| 1. Reporting requirements | 6 NYCRR 750-2.5, 2.7 & 1.17 |
| 2. Anticipated noncompliance | 6 NYCRR 750-2.7(a) |
| 3. Transfers | 6 NYCRR 750-1.17 |
| 4. Monitoring reports | 6 NYCRR 750-2.5(e) |
| 5. Compliance schedules | 6 NYCRR 750-1.14(d) |
| 6. 24-hour reporting | 6 NYCRR 750-2.7(c) & (d) |
| 7. Other noncompliance | 6 NYCRR 750-2.7(e) |
| 8. Other information | 6 NYCRR 750-2.1(f) |
| 9. Additional conditions applicable to a POTW | 6 NYCRR 750-2.9 |
- F. Planned Changes
- The permittee shall give notice to the Department as soon as possible of planned physical alterations or additions to the permitted facility when:
 - The alteration or addition to the permitted facility may meet any of the criteria for determining whether facility is a new source in 40 CFR §122.29(b); or
 - The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject either to effluent limitations in the permit, or to notification requirements under 40 CFR §122.42(a)(1); or
 - The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.

In addition to the Department, the permittee shall submit a copy of this notice to the United States Environmental Protection Agency at the following address: U.S. EPA Region 2, Clean Water Regulatory Branch, 290 Broadway, 24th Floor, New York, NY 10007-1866.

GENERAL REQUIREMENTS (continued)

2. Notification Requirement for POTWs

All POTWs shall provide adequate notice to the Department and the USEPA of the following:

- a. Any new introduction of pollutants into the POTW from an indirect discharger which would be subject to section 301 or 306 of CWA if it were directly discharging those pollutants; or
- b. Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.
- c. For the purposes of this paragraph, adequate notice shall include information on:
 - i. the quality and quantity of effluent introduced into the POTW, and
 - ii. any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.

POTWs shall submit a copy of this notice to the United States Environmental Protection Agency, at the following address:

U.S. EPA Region 2, Clean Water Regulatory Branch, 290 Broadway, 24th Floor, New York, NY 10007-1866

G. Sludge Management

The permittee shall comply with all applicable requirements of 6 NYCRR Part 360.

H. SPDES Permit Program Fee

The permittee shall pay to the Department an annual SPDES permit program fee within 30 days of the date of the first invoice, unless otherwise directed by the Department, and shall comply with all applicable requirements of ECL 72-0602 and 6 NYCRR Parts 480, 481 and 485. Note that if there is inconsistency between the fees specified in ECL 72-0602 and 6 NYCRR Part 485, the ECL 72-0602 fees govern.

I. Water Treatment Chemicals (WTCs)

New or increased use and discharge of a WTC requires prior Department review and authorization. At a minimum, the permittee must notify the Department in writing of its intent to change WTC use by submitting a completed *WTC Notification Form* for each proposed WTC. The Department will review that submittal and determine if a SPDES permit modification is necessary or whether WTC review and authorization may proceed outside of the formal permit administrative process. The majority of WTC authorizations do not require SPDES permit modification. In any event, use and discharge of a WTC shall not proceed without prior authorization from the Department. Examples of WTCs include biocides, coagulants, conditioners, corrosion inhibitors, defoamers, deposit control agents, flocculants, scale inhibitors, sequestrants, and settling aids.

1. WTC use shall not exceed the rate explicitly authorized by this permit or otherwise authorized in writing by the Department.
2. The permittee shall maintain a logbook of all WTC use, noting for each WTC the date, time, exact location, and amount of each dosage, and, the name of the individual applying or measuring the chemical. The logbook must also document that adequate process controls are in place to ensure that excessive levels of WTCs are not used.
3. The permittee shall submit a completed WTC Annual Report Form each year that they use and discharge WTCs. This form shall be submitted in electronic format and attached to either the December DMR or the annual monitoring report required below. The *WTC Notification Form and WTC Annual Report Form* are available from the Department's website at: <http://www.dec.ny.gov/permits/93245.html>

RECORDING, REPORTING AND ADDITIONAL MONITORING REQUIREMENTS

- A. The monitoring information required by this permit shall be retained for a period of at least five years from the date of the sampling for subsequent inspection by the Department or its designated agent.
- B. Discharge Monitoring Reports (DMRs): Completed DMR forms shall be submitted for each 3 month reporting period in accordance with the DMR Manual available on Department's website.

DMRs must be submitted electronically using the electronic reporting tool (NetDMR) specified by NYSDEC. Instructions on the use of NetDMR can be found at <https://www.dec.ny.gov/chemical/103774.html>. **Hardcopy paper DMRs will only be received at the address listed below, directed to the Bureau of Water Compliance, if a waiver from the electronic submittal requirements has been granted by DEC to the facility.**

Attach the monthly "Wastewater Facility Operation Report" (form 92-15-7) and any required DMR attachments electronically to the DMR or with the hardcopy submittal.

The first monitoring period begins on the effective date of this permit, and, unless otherwise required, the reports are due no later than the 28th day of the month following the end of each monitoring period.

- C. Additional information required to be submitted by this permit shall be summarized and reported to the RWE and Bureau of Water Permits at the following addresses:

Department of Environmental Conservation
Division of Water, Bureau of Water Permits
625 Broadway, Albany, New York 12233-3505 Phone: (518) 402-8111

Department of Environmental Conservation
Regional Water Engineer, Region 7
615 Erie Boulevard West, Syracuse, New York, 13204-2400 Phone: (315) 426-7500

- D. Annual SPDES Monitoring Reports: An annual report shall be submitted to the Department by February 1st each year. The report shall summarize information for January to December of the previous year and shall be submitted electronically, or in hardcopy format, utilizing the SPDES Annual Report Form available on the Department's website.

Hard copy submission of the Annual Report shall be submitted to the Regional Water Engineer at the address below:

Department of Environmental Conservation
Regional Water Engineer, Region 7
615 Erie Boulevard West, Syracuse, New York, 13204-2400 Phone: (315) 426-7500

- E. Bypass and Sewage Pollutant Right to Know Reporting: In accordance with the Sewage Pollutant Right to Know Act (ECL § 17-0826-a), Publicly Owned Treatment Works (POTWs) are required to notify DEC and Department of Health within two hours of discovery of an untreated or partially treated sewage discharge and to notify the public and adjoining municipalities within four hours of discovery. Information regarding reporting and other requirements of this program may be found on the Department's website. In addition, POTWs are required to provide a five-day incident report and supplemental information to the DEC in accordance with Part 750-2.7(d) by utilizing the Division of Water Report of Noncompliance Event form unless waived by DEC on a case-by-case basis.

Permittee: Altmar Parish Williamstown CSD
Facility: Altmar Parish Williamstown CSD
SPDES Number: NY0216186
USEPA Non-Major/Class 02 PCI

Date: June 27, 2024 v.1.11
Permit Writer: T. V. Murakami
Water Quality Reviewer: Aslam Mirza
Full Technical Review

SPDES Permit Fact Sheet

Altmar Parish Williamstown CSD

NY0216186



Summary of Permit Changes

A State Pollutant Discharge Elimination System (SPDES) department-initiated permit modification has been finalized for the Altmar Parish Williamstown CSD. The changes to the permit are summarized below:

- Updated permit format, definitions, and general conditions.
- Update seasonal BOD and Ammonia parameters after WAC analysis.
- Update Facility Information for the Treatment Plant Process.

This factsheet summarizes the information used to determine the effluent limitations (limits) and other conditions contained in the permit. General background information including the regulatory basis for the effluent limitations and other conditions are in the [Appendix](#) linked throughout this factsheet.

Administrative History

TBD	Permit Modification is issued.
11/17/2022	An updated SPDES application with Plans and Specifications for a OWTS replacement. The Treatment Plant conversion from SBRs to MBRs.
7/25/2022	The permit was administratively renewed effectively on 7/25/2022 to 6/30/2027.
12/10/2021	The Altmar Parish Williamstown CSD submitted a timely and sufficient PCI form.
8/18/2011	The last full technical review was performed and the SPDES permit became effective with a new five-year term and expiration date of 6/30/2012. The 2011 permit, along with all subsequent modifications, has formed the basis of this permit. The permit was administratively renewed in 2012 and again in 2017. The current permit administrative renewal is effective until 6/30/2022.
6/29/2010	Department issued a Request for Information (RFI) to modify and renew the SPDES permit due to the facility's EBPS score ¹ . At the time of the RFI, the facility had an EBPS score of 45 and ranking of unscored.

Facility Information

This facility is an educational facility that receives flow from students and staff, with effluent consisting of sanitary and gray waters. The collection system consists of separate sewers. The facility does not have any significant industrial users (SIUs). The Bus Garage has a Holding Tank for the floor drains.

The current 0.032 MGD treatment plant consists of:

- Preliminary Treatment: Screening, grit removal.
- Primary Treatment: Equalization basin
- Secondary Treatment: Microfiltration Membrane Bioreactors (MBRs)

¹ Pursuant to 6 NYCRR 750-1.18 and NYS Environmental Benefit Permit Strategy (EBPS)

- Tertiary Treatment: UV disinfection, post aeration.

Sludge is Wet hauled by certified waste hauler to a municipal WWTP.

The primary outfall (Outfall 001) is an 8" gravity line discharging to a sub-tributary of the Little Salmon River.

The facility is planning the following upgrades/improvements:

- Convert the secondary treatment process from SBR's to an MBR treatment system.

Site Overview



Existing Effluent Quality

The [Pollutant Summary Table](#) presents the existing effluent quality and effluent limitations. The existing effluent quality was determined from Discharge Monitoring Reports and the application submitted by the permittee for the period 1/1/2016 to 12/31/2019. Due to the COVID-19 Pandemic and remote learning in 2020 and 2021, these DMRs were not included. [Appendix Link](#)

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Interstate Water Pollution Control Agencies

Outfall(s) 001 is located within the Great Lakes watershed and International Joint Commission (IJC) compact area which places additional requirements in the SPDES permit. [Appendix Link](#)

Receiving Water Information

The facility discharges via the following outfalls:

Outfall No.	SIC Code	Wastewater Type	Receiving Water
001	8999	Treated sanitary and gray waters	Little Salmon River, Class C(T)

Reach Description: Headwaters of the Little Salmon River, Tributary 1 of Tributary 11 of the North Branch of the Little Salmon. Upstream of the convergence with the South Branch of the Little Salmon River.



See the [Outfall and Receiving Water Summary Table](#) and [Appendix](#) for additional information.

Permit Requirements

The technology based effluent limitations ([TBELs](#)), water quality-based effluent limitations ([WQBELs](#)), [Existing Effluent Quality](#) and a discussion of the selected effluent limitation for each pollutant present in the discharge are provided in the [Pollutant Summary Table](#).

Anti-backsliding

[The limitations contained in the permit are at least as stringent as the previous permit limits and there are no instances of backsliding. Appendix Link](#)

Antidegradation

The permit contains effluent limitations which ensure that the best usages of the receiving waters will be maintained. The Notice of Complete Application published in the Environmental Notice Bulletin contains information on the State Environmental Quality Review (SEQR)² determination. [Appendix Link](#)

² As prescribed by 6 NYCRR Part 617

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Discharge Notification Act Requirements

In accordance with the Discharge Notification Act (ECL 17-0815-a), the permittee is required to post a sign at each point of wastewater discharge to surface waters, unless a waiver is obtained. This requirement is being continued from the previous permit.

Additionally, the permit contains a requirement to make the DMR sampling data available to the public upon request. This requirement is being continued from the previous permit.

OUTFALL AND RECEIVING WATER SUMMARY TABLE

Outfall	Latitude	Longitude	Receiving Water Name	Water Class	Water Index No. / Priority Waterbody Listing (PWL) No.	Major / Sub Basin	Hardness (mg/l)	1Q10 (MGD)	7Q10 (MGD)	30Q10 (MGD)	Critical Effluent Flow (MGD)	Dilution Ratio		
												A(A)	A(C)	HEW
001	43° 26' 35.7" N	76° 03' 12.8" W	Trib 1 of Trib 11 of North Branch of Little Salmon River	C(T)	Ont-58-9-11-1 PWL: ICJ	03 / 03	240 ³	-	-	-	0.032	-	-	-

No existing data available, rural headwaters environment and conditions.

POLLUTANT SUMMARY TABLE

Outfall 001

Outfall #	001	Description of Wastewater: Treated sanitary sewage													
		Type of Treatment: Screening, grit removal, EQ, Activated sludge (SBRs), sand filtration, post aeration.													
Effluent Parameter	Units	Averaging Period	Existing Discharge Data			TBELs		Water Quality Data & WQBELs						ML	Basis for Permit Requirement
			Permit Limit	Existing Effluent Quality ⁴	# of Data Points Detects / Non-Detects	Limit	Basis	Ambient Bkgd. Conc.	Projected Instream Conc.	WQ Std. or GV	WQ Type	Calc. WQBEL	Basis for WQBEL		
General Notes: Existing discharge data from 1/2018 to 12/2019 was obtained from Select provided by the permittee. All applicable water quality standards were reviewed for development of the WQBELs. The standard and WQBEL shown below represent the most stringent.															
Flow Rate	Select	Select	0.032	0.02 Actual Average	9	0.032	Design Flow	Narrative: No alterations that will impair the waters for their best usages.				703.2	-	WQBEL	
	Select Example Justification														
pH	SU	Minimum	6.5	6.5	8	6.0	TOGS 1.3.3	6.5 ⁵	-	6.5 – 8.5	Range	Select	703.3	-	WQBEL
		Maximum	8.5	8.5	8	9.0									
Consistent with Select. Select															

³ Ambient hardness data obtained from Sampling Data.

⁴ Existing Effluent Quality: Daily Max = 99% lognormal; Monthly Avg = 95% lognormal (for datasets with ≤3 nondetects); Daily Max = 99% delta-lognormal; Monthly Avg = 95% delta-lognormal (for datasets with >3 nondetects)

⁵ Ambient pH obtained from sampling data.

Outfall #	Description of Wastewater: Treated sanitary sewage														
	Type of Treatment: Screening, grit removal, EQ, Activated sludge (SBRs), sand filtration, post aeration.														
Effluent Parameter	Units	Averaging Period	Existing Discharge Data			TBELs		Water Quality Data & WQBELs						ML	Basis for Permit Requirement
			Permit Limit	Existing Effluent Quality ⁴	# of Data Points Detects / Non-Detects	Limit	Basis	Ambient Bkgd. Conc.	Projected Instream Conc.	WQ Std. or GV	WQ Type	Calc. WQBEL	Basis for WQBEL		
Temperature	°F	Daily Max	-	NA	0	NA	750-1.13 Monitor	-	Narrative (Trout): No discharge at a temperature over 70F (21C) shall be permitted at any time to streams classified for trout				704.2	-	WQBEL
	Consistent with 6 NYCRR 750-1.13(a), monitoring is required and may be used to inform future permitting decisions. This requirement is new.														
Dissolved Oxygen (DO)	mg/L	Daily Min	7	-	-	-	-	-	-	(TS) 7.0 mg/L	Narrative	7.0	TOGS 1.3.1	-	ISEL
	Consistent with TOGS 1.3.1, intermittent stream effluent limits (ISEL) are applied to effluent discharges to streams where little or no streamflow is available for dilution. These limits represent the highest degree of treatment that can reasonably be achieved by a wastewater treatment facility treating domestic type waste.														
5-day Select Oxygen Demand (Select ₅)	mg/L	Monthly Avg	5	3.3	8 /8	5	TOGS 1.3.3	-	See Dissolved Oxygen			7.0	TOGS 1.3.1	-	ISEL
	lbs/d	Monthly Avg	1.34	0.5	8	5	TOGS 1.3.3					-			
	% Rem	Minimum	85	-	-	85	TOGS 1.3.3					-			
	Consistent with TOGS 1.3.1, intermittent stream effluent limits (ISEL) are applied to effluent discharges to streams where little or no streamflow is available for dilution.														
Total Suspended Solids (TSS)	mg/L	Monthly Avg	10	8.4	8 /8	10	TOGS 1.3.3	-	Narrative: None from sewage, industrial wastes or other wastes that will cause deposition or impair the waters for their best usages. (703.2)			10	TOGS 1.3.1	-	ISEL
	lbs/d	Select	1	0.85	8	1	TOGS 1.3.3								
	% Rem	Minimum	85	-	-	-	TOGS 1.3.3								
Consistent with TOGS 1.3.3 for POTWs, TBELs reflect secondary treatment standards. Consistent with TOGS 1.3.1, intermittent stream effluent limits (ISEL) are applied to effluent discharges to streams where little or no streamflow is available for dilution.															
Settleable Solids	mL/L	Daily Max	0.1	0.1	8 /8	0.1	TOGS 1.3.3	-	Narrative: None from sewage, industrial wastes or other wastes that will cause deposition or impair the waters for their best usages. (703.2)			0.1	TOGS 1.3.1B	-	ISEL
	Consistent with TOGS 1.3.1.B discharges to intermittent streams should receive the highest degree of treatment that can reasonably be achieved by practical technology. An effluent limitation equal to 0.1 mL/L daily max is therefore appropriate.														

Outfall #	Description of Wastewater: Treated sanitary sewage														
	Type of Treatment: Screening, grit removal, EQ, Activated sludge (SBRs), sand filtration, post aeration.														
Effluent Parameter	Units	Averaging Period	Existing Discharge Data			TBELs		Water Quality Data & WQBELs						ML	Basis for Permit Requirement
			Permit Limit	Existing Effluent Quality ⁴	# of Data Points Detects / Non-Detects	Limit	Basis	Ambient Bkgd. Conc.	Projected Instream Conc.	WQ Std. or GV	WQ Type	Calc. WQBEL	Basis for WQBEL		
Nitrogen, Ammonia (as N) May 1 st – Oct. 31 st	mg/L	Daily Max	0.98	1.00	1 /1	2.0	TOGS 1.3.3	-	-	-	Narrative	1.1	TOGS 1.1.1	-	ISEL
	lb/d	Daily Max	0.26	0.33	1	0.53	TOGS 1.3.3	-	-	-	-	0.3			
<p>The WQS for Ammonia was determined from TOGS 1.1.1 from a summer pH of 7 and a temperature of 68. The pH and temperature of the receiving waterbody were assumed values and consistent with TOGS 1.3.1E. The projected instream concentration was calculated using the maximum reported effluent concentration of 1.0 and an ambient upstream concentration of 1.0. A multiplier⁶ of 1.0 was applied to the maximum effluent concentration to account for the number of samples. In accordance with TOGS 1.3.1E, the HEW dilution ratio was applied to calculate the projected instream concentration. A comparison of the projected instream concentration to the WQS indicates no reasonable potential to cause or contribute to a WQS violation. Therefore, no limitation is specified.</p> <p>Reporting for Ammonia has been changed from (as NH₃) to (as N) for simpler data reporting, as this is consistent with the laboratory reporting units. Values can be converted using the equation: Ammonia (as N) = Ammonia (as NH₃) x 0.8224.</p>															
Nitrogen, Ammonia (as N) Nov. 1 st – April 30 st	mg/L	Daily Max	1.81	1.80	1 /1	2	TOGS 1.3.3	-	--	-	Narrative	1.9	TOGS 1.1.1	-	TBEL
	lb/d	Daily Max	0.59	0.33	1	0.53	TOGS 1.3.3	-	-	-	-	0.5			
<p>The WQS for Ammonia was determined from TOGS 1.1.1 from a summer pH of 7 and a temperature of 68. The pH and temperature of the receiving waterbody were Select. The projected instream concentration was calculated using the maximum reported effluent concentration of 1.0 and an ambient upstream concentration of 1.0. A multiplier⁷ of 1.0 was applied to the maximum effluent concentration to account for the number of samples. In accordance with TOGS 1.3.1E, the HEW dilution ratio was applied to calculate the projected instream concentration. A comparison of the projected instream concentration to the WQS indicates no reasonable potential to cause or contribute to a WQS violation. Therefore, no limitation is specified.</p> <p>Reporting for Ammonia has been changed from (as NH₃) to (as N) for simpler data reporting, as this is consistent with the laboratory reporting units. Values can be converted using the equation: Ammonia (as N) = Ammonia (as NH₃) x 0.8224.</p>															

⁶ As recommended from EPA's Technical Support Document, Chapter 3.3

⁷ As recommended from EPA's Technical Support Document, Chapter 3.3

Permittee: Altmar Parish Williamstown CSD
 Facility: Altmar Parish Williamstown CSD
 SPDES Number: NY0216186
 USEPA Non-Major/Class 02 PCI

Date: June 27, 2024 v.1.11
 Permit Writer: T. V. Murakami
 Water Quality Reviewer: Aslam Mirza
 Full Technical Review

Outfall #	001	Description of Wastewater: Treated sanitary sewage													
		Type of Treatment: Screening, grit removal, EQ, Activated sludge (SBRs), sand filtration, post aeration.													
Effluent Parameter	Units	Averaging Period	Existing Discharge Data			TBELs		Water Quality Data & WQBELs						ML	Basis for Permit Requirement
			Permit Limit	Existing Effluent Quality ⁴	# of Data Points Detects / Non-Detects	Limit	Basis	Ambient Bkgd. Conc.	Projected Instream Conc.	WQ Std. or GV	WQ Type	Calc. WQBEL	Basis for WQBEL		
Coliform, Fecal	#/100 ml	30d Geo Mean	-	-	0 /0	200	TOGS 1.3.3	-	Narrative: The monthly geometric mean, from a minimum of five examinations, shall not exceed 200.				703.4	-	TBEL
		7d Geo Mean	-	-	0 /0	400	TOGS 1.3.3	-							
Consistent with TOGS 1.3.3, effluent disinfection is required seasonally from May 1st - October 31st, due to the class of the receiving waterbody. Fecal coliform limits equal to the TBEL are specified. No disinfection requirement for facility, no data available.															
Total Residual Chlorine (TRC)	mg/L	Daily Max	0.03	-	0 /0	0.02	TOGS 1.3.3	-	-	0.005	Narrative	0.005	TOGS 1.1.1	Select	ISEL
Disinfection is presently not required, no sampling data available. This limitation is for the use of chlorine products in the schools or for future disinfection requirements. Due to the low dilution, the calculated WQBEL is less than the TBEL and less than the minimum level of detection. Therefore, an effluent limitation equal to the minimum level of detection of 0.030 mg/L is appropriate. The ML for TRC was recently increased during EPA's Method Update Rule for 40 CFR 136 from 0.02 mg/L to 0.03 mg/L. As such, the increase from 0.02 to 0.03 mg/L does not violate anti-backsliding requirements.															

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