BUFFALO
SEWER AUTHORITY

SPDES Permit No. NY0028410

Quarterly Progress Report Reporting Period:

July 1 through September 30, 2025

Consent Judgement
Supreme Court of the State of New York
County of Erie

Index No. 816176/2025

Submission Date: November 15, 2025

Contents

Attachments

1 INTRODUCTION

The Buffalo Sewer Authority ("BSA") received approval of its Long-Term Control Plan ("LTCP") from the United States Environmental Protection Agency ("USEPA") and New York State Department of Environmental Conservation ("NYSDEC," "DEC") on March 18, 2014. The Authority entered into an Amended Administrative Order ("AO") on April 16, 2014, with the USEPA. This AO established a schedule for implementation of the Authority's LTCP, approved by the USEPA and NYSDEC.

On October 6, 2021, DEC and EPA approved BSA's Collection System Model – Model Update Report ("2021 Approved Recalibrated Model") which BSA used to analyze the physical and financial feasibility and efficacy of projects included in the 2014 LTCP. Based on the 2021 Approved Recalibrated Model, it was determined that certain collection systems projects included in the 2014 LTCP were not feasible or would not be able to achieve the Typical Year CSO activation limits, by receiving waterbody, associated with the 2014 LTCP. BSA conducted an optimization process and identified new Control Projects intended to improve utilization of existing system capacity and add conveyance and storage capacity where needed most to address activations.

In mid-2023, DEC, EPA and BSA agreed that BSA would submit a proposed amended LTCP to comply with the terms of its Permit and to achieve the Typical Year CSO activation limits, by receiving water body, associated with the 2014 LTCP. On December 22, 2023, BSA submitted a revised LTCP Optimization Bridging Document and LTCP Optimization Selected Alternative memo, including an updated schedule for the Control Projects.

On July 6, 2024, BSA prepared an initial LTCP Optimization Bridging Document to memorialize EPA, DEC, and BSA's technical discussions, consensus, and their mutual decision to develop a proposed amended LTCP to modify, remove, and add projects and establish updated schedules.

On July 12, 2024, BSA submitted a further revised LTCP Optimization Selected Alternative memo ("the 2024 LTCP Optimization Selected Alternative") and Bridging Document ("the 2024 Bridging Document") which provided a detailed schedule and proposal of projects from the 2014 LTCP that had not been completed and that should be carried to a proposed amended LTCP and alternative projects that would replace or otherwise modify some of the projects from the 2014 LTCP (collectively, the "Control Projects"). The Control Projects include the NFA Projects and fifty-two (52) updated collection system projects.

On December 31, 2024, BSA submitted a revised schedule for the Control Projects (the "2024 Control Project Schedule") that established each Control Project's Design Start Date, Design Completion Date, Notice to Proceed Date, and Complete Construction Date. The 2024 Control Project Schedule requires all projects to be completed no later than December 31, 2040 ("the Date of Achievement of Complete Construction for Control Projects").

On September 25, 2024, BSA submitted a Public Participation Plan which outlined procedures and a schedule to inform the public about the actions and projects outlined in the 2024 Bridging Document and the schedules set forth in the 2024 Control Project Schedule, which make up the 2024 LTCP Optimization Selected Alternative (Proposed Amended LTCP). DEC approved this Public Participation Plan on October 1, 2024, and BSA agreed to complete the Public Participation Plan process on the Proposed Amended LTCP within 12 months.

On September 19, 2025, BSA entered into a Consent Judgement that specified the requirements for BSA to submit, and upon DEC approval, implement an amended LTCP ("Amended LTCP") to reduce the number of CSO discharges to waters of New York and the United States and achieve the Typical Year CSO activation limits, as defined by receiving waterbodies, as specified in its previous 2014 LTCP. The Amended LTCP will update and supersede the previously approved 2014 LTCP. The Consent Judgement requires that all capital control projects outlined in the approved Amended LTCP are to be completed no later than December 31, 2040.

2 REQUIREMENTS DUE IN REPORTING PERIOD

The Consent Judgement in part requires that BSA, upon the Effective Date until termination of the Judgement, submit Quarterly Progress Reports by the following dates each year:

a. May 15 (covering the period January 1 through March 31);
b. August 15 (covering the period April 1 through June 30);
c. November 15 (covering the period July 1 through September 30); and,
d. February 15 (covering the period October 1 through December 31).

The Quarterly Progress Report shall include BSA's activities with regard to Compliance Requirements, along with pertinent deliverables required to be submitted under the Consent Judgement, that occurred during the reporting period, and, at a minimum, shall include:

a. The specific activities undertaken by BSA relating to completion of work required under the compliance schedules specified in the Consent Judgement and identification of those requirements which have been accomplished since the previous Quarterly Report;
b. Any impediments encountered or anticipated by BSA in meeting the compliance schedules under the Consent Judgement, and the steps that have been taken by BSA to overcome such impediments or proposed solutions, including the anticipated dates by which steps will be taken to prevent future non-compliance;
c. The status of Bird Island WWTF and CSO outfall operations and maintenance, based on monthly facility operations reports, when CSO outfalls were operated, and CSO outfall maintenance activity logs;
d. If applicable, a list of Sewage Backups and Building/Private Property Backups with the following information:
    i. Approximate location, date, time, and volume of the release; CSO tributary areas;
    ii. Cause(s) or suspected causes(s) (e.g. pipeline failure, blockage, wet weather, etc.); and
    iii. Steps taken or planned by BSA to minimize the recurrence of and mitigate the impact of the release.
e. The status of permit applications necessary for implementation of LTCP projects;
f. Reference to all the deliverables that have already been submitted to EPA and DEC, if any, and those deliverables' dates of submission; and
g. A summary of costs incurred in implementing the LTCP since the previous quarterly report.

The Quarterly Progress Report shall also include a description of any non-compliance with the requirements of the Consent Judgement and an explanation of the likely cause and of the remedial steps taken, or to be taken, to prevent or minimize such non-compliance. If BSA violates, or has reason to believe that it may violate, any requirement of the Consent Judgement, BSA shall notify DEC of such violation and its likely duration, in writing, within 10 business Days with an explanation of the violation's likely cause and the remedial steps taken, or to be taken, to prevent

or minimize such violation. If the cause of the violation cannot be fully explained at the time the report is due, BSA shall state so in the report. BSA shall investigate the cause of the violation and then submit an amendment to the report, including a full explanation of the cause of the violation, within 20 Days of the Day BSA becomes aware of the cause of the violation.

BSA shall post on its public-facing website all quarterly reports submitted to DEC within seven Days of submission, except to the extent that any such report contains information that is exempted from public disclosure under state or federal law. Each submission shall remain on the public-facing website for a minimum of three years.

Each report submitted by BSA shall be signed by an official of the submitting party and include a certification.

This report serves as the November 15, 2025 Quarterly Progress Report, covering the period July 1, 2025 through September 30, 2025.

3 COMPLETION OF WORK AND COSTS INCURRED SINCE PREVIOUS REPORT

A general description of the work completed for the Proposed Amended LTCP Projects and the costs incurred for these projects during the current reporting period is provided in Attachment A. Items that have been completed have been highlighted green. Report Sections 3.1 and 3.2 further detail project updates and completion of work during the reporting period.

Discussions are ongoing regarding the Revised Bridging Document and future Amended LTCP projects as referenced in the Consent Judgement. By providing this information now, Buffalo Sewer is demonstrating a good faith effort to ensure that at such time as the Proposed Amended LTCP or future Amended LTCP replaces the 2014 LTCP as a compliance document, that reporting conforms to formatting agreeable to all parties and that during this transition period the regulatory agencies are kept apprised of our progress.

3.1 Collection System Projects Narrative

3.1.1 CSO 053_11 Canisius/ Jefferson Delavan OLS (Part of the East Delavan Sewer Project)

Public outreach, environmental and geotechnical investigations, and design activities continued during this period. The Draft Environmental Impact Statement (DEIS) was published on 7/9/2025 for Contract 2 and 3 work and the public comment period was open through 8/22/2025.

The 60% Design package (Drawings, Specifications, Technical Memorandum, Schedule, and Risk Register) for Contract 2 was completed on 7/1/2025.

The 30% Design package (Drawings, Specification TOC, Technical Memorandum, Schedule, and Risk Register) for Contract 3 was completed on 8/22/2025.

3.1.2 CSO 053_3.2 Bailey & Amherst RTC, Amherst Quarry PS RTC (Part of Scajaquada Creek and Black Rock Canal RTCs)

Construction activities continued, with substantial completion anticipated in December 2025.

Major construction activities/progress include:

- Bailey & E Amherst: Modifications continued with installation of the new channel gate, flow meter, and laser level sensor. Work also included construction of the new concrete risers and chamber roof, along with temporary pavement restoration. Additional activities included installation of the new PLC control panel and electrical cabinet, as well as electrical conduit runs from SPP 225 to the new control panel.

- Quarry Pump Station: factory acceptance testing was completed for new PLC control panel and preparation for laser level sensor mounting is underway.
- Niagara Metering Station: factory acceptance testing was completed for new PLC control panel.
- Quarterly EFC Program Compliance Reports were submitted to DEC.

3.1.3 CSO 010_1 Breckenridge Niagara RTC (Breckenridge St. CSO Control Project)

The construction contract was awarded to a contractor with an anticipated NTP of November 2025, pending NYSEFC financing approval. Pre-construction submittals have been prepared and the Preconstruction Kickoff Meeting was held on September 11, 2025. BSA and the design engineer are evaluating the contractor's proposed micro tunneling substitution request.

3.1.4 CSO 006_2 Gates Circle RTC (Part of Scajaquada Creek and Black Rock Canal RTCs) RTC

Construction activities continued, with substantial completion anticipated in January 2026. Major activities/progress include:

- SPP 332 modifications: Excavation of the control structure and core-cutting of the existing weir wall in preparation for slide gate installation.
- Delaware Avenue Work: Excavation and ongoing installation of the new doghouse MH-10, including pouring of the manhole base and riser sections.
- Property Easement: Approval of a new property easement agreement for electrical work between 50 and 54 Gates Circle.

3.1.5 CSO 053_10 SPP 229A RTC (Part of the East Delavan Sewer Project)

Contract 1 construction progressed as scheduled, and final completion is anticipated by December 31, 2025. Contract 2, which will complete the Contract 1 improvements, has advanced through 60% design.

3.1.6 CSO 053_2.5 SPP 337 (Colorado Street) Modification

Design continued at this location, with completion anticipated in Spring 2026. BSA and the design engineer met with the adjacent property owner and are in the process of negotiating an access agreement.

3.1.7 CSO 053_3.1 SPP 338 (Bailey and Kerns) Modification

A change order to add the SPP 338 construction phase to the Scajaquada Creek and Black Rock Canal RTCs construction project was approved at the June 2025 Board Meeting. The contractor is currently awaiting roadway permits from the City of Buffalo in order to proceed with the work. Construction continues with an anticipated substantial completion

date of March 2026. Major progress this period included the following activities associated with the Bailey Avenue & Kerns Avenue work:

- Smart Sewers Contract Change Order No. 1 was approved for the additional scope of work, including SPP 338 modifications.
- Factory acceptance testing was completed for the new PLC control panel.
- Relocation of the proposed electrical pole tie-in to the existing pole on Scajaquada Street was completed.
- The SPP 338 work associated with Change Order No. 1 is anticipated to extend substantial completion of the Smart Sewers project to March 2026; however, this remains more than two years ahead of the Control Project construction completion date.

3.1.8 CSO 053_8 SPP 341A (Genesee Street) Modification

90% Design was completed and the project is progressing to Final Design. This project will be advertised for bid on November 26, 2025 and bid opening is scheduled for January 13, 2026.

3.1.9 CSO 053_1.5 SPP 336B (Humboldt Parkway) Modification

Final design of this project was completed and the project was advertised for bid on October 28, 2025 with bids to be received on November 24, 2025.

3.1.10 CSO 053_1.4 Sidney Street OLS (CSO 053_5.2 Sidney-Lark RTC)

The Sidney–Lark RTC revised PER and the response letter to the original PER comments were submitted to the DEC on August 11, 2025. The final design contract was awarded in May 2025. The selected design firm is currently awaiting the Notice to Proceed, as the contract is under review by the City of Buffalo. The project tag has been updated to "CSO 053_5.2 Sidney–Lark RTC." Note that a lawsuit has been lodged for this project.

3.1.11 CSO053_13 SPP165B (Humboldt and Delavan) Modification

Record drawings were finalized on July 30, 2025.

3.1.12 CSO 053_14 SPPs 175, 176, & 177 (Michigan Avenue) Modifications

Final design of this project was completed and project was advertised for bid on October 28, 2025 with bids to be received on November 24, 2025.

3.1.13 CSO 053_5.2 Edison & Martha OLS (Roosevelt Park OLS)

A contract for engineering services for final design was executed between BSA and the design firm. A kickoff meeting with BSA, Program Management, and the design team was held on July 30, 2025. Public outreach efforts continued, including a meeting with the Charter School of Inquiry on September 3, 2025. On November 7, 2025 a major conflict with the discharge manhole and a bridge abutment was identified,

3.1.14 CSO014_1.1 SPP206A&B RTC

The SPP206A&B RTC project was integrated into the Waterfront Park / Erie Basin OLS project framework. Preliminary design activities continued, including completion of the survey and utility data collection and incorporation of the updated plan and profile into the project base map. Evaluation of the RTC configuration and its interface with the Waterfront Park OLS dewatering system was initiated. Coordination continued with the Program Management Team to confirm the hydraulic boundary conditions and validate model linkages.

3.1.15 System_2_3 SPP339 (Texas and Kerns) Modification

Topographical survey was conducted and design has started.

3.1.16 System_2_4 Schiller Park OLS SPP340 Modification

Design has started on the project with evaluation of hydraulic characteristics to facilitate design sizing components is in progress.

3.1.17 CSO014_1.2 5.55 MG Erie Basin Marina OLS (Waterfront Park OLS)

Conceptual and field investigation coordination efforts continued. Key activities included:

- Project Configuration and Design Framework: The project tag has been updated to "CSO014_1.2 Waterfront Park OLS" to reflect the park affected by the project. SPP-206A & B RTC improvements will be delivered under the Waterfront Park OLS contract due to the proximity and operational interconnectedness of the two projects. Coordination is ongoing with the hydraulic modeling team to align with system model validation efforts (*see Section 4: Implementation Issues and Remedial Actions*).
- Survey, Existing Conditions, and Base Mapping: The topographic survey was finalized and incorporated into the base mapping. Utility information and record drawings were compiled and integrated into the base mapping as well.
- Geotechnical and Field Investigations: The geotechnical boring and utility test pit plan was finalized. Field investigations are scheduled to begin in December 2025, pending execution of the Park Access Agreement.
- Environmental Review and Agency Coordination: The SEQR process is progressing through involved-agency coordination following the BSA Board's declaration of BSA as Lead Agency.
- Stakeholder & Community Coordination: Engagement continued with Buffalo Parks and partner agencies.

3.1.18 CSO013_1 SPP304 (Virginia St) Modification

Design initiation is underway, including review of existing conditions and development of preliminary design parameters.

3.1.19 CSO017_8 SPP326 (Oak and Swan) Modification

Design continued and preliminary computational fluid dynamics evaluations have been started at this site to determine the appropriate solution for increasing the underflow pipe size.

3.1.20 CSO064_1.1 CSO-064 (Louisiana St) ILS

Design has started for this project. The design engineer is currently coordinating with another design firm that has a streetscape project in this location.

3.1.21 CSO064_1.2 SPP 137 (Louisiana and Republic) Modification

Design has started for this project. The design engineer is currently coordinating with another design firm that has a streetscape project in this location.

3.2 NFA Projects Narrative

3.2.1 NFA Phase 1

Construction continued with the installation of a new stainless steel slide gate at the head of the Battery B Aeration Influent Channel. This installation allows for isolation of Battery B during construction and marks the beginning of the Battery B shutdown. During the period in which Battery B is offline, all flows through the secondary system are being routed to Battery A.

Progress has been made on several work items scheduled for completion during the Battery B shutdown, including removal of grit and PVC from the Aeration Tanks; installation of slide gates at the influent and effluent pipes in the Aeration Tanks; installation of a new fine bubble diffused aeration system; and replacement of RAS piping and associated appurtenances. Construction is progressing on schedule.

3.2.2 NFA Phase 2

For the Phase 2A contract, construction continued with substantial completion anticipated in December 2028. Key activities included submission of multiple shop drawings for equipment and materials, continued demolition work at the existing Sludge Pumping Station, site work and pile driving for the new odor control system equipment pads, and preparation of Primary Sedimentation Tank No. 4 for rehabilitation through demolition and repair of the outer wall.

For the Phase 2B contract, the Contract drawings and specifications are being finalized by consolidating the existing Contract 2A and 2B documents and incorporating design updates based on current site conditions, updated hydraulics, and design modifications such as added stop log storage, HRD conduit relocation, heat tracing, and removal of existing gates. Finalization and bidding of Contract 2B are pending the Board of the Buffalo Sewer Authority's decision regarding the Gate WW-17 change order under Contract 2A, which will determine whether additional scope items should be integrated into Contract 2B. BSA has agreed that modifications to the Bypass and Control Chamber originally included in the Gate 17 change order, specifically, demolition of Gates 20–26 and replacement with stop logs, will now be incorporated into Contract 2B. The current plan is to advertise Contract 2B for bid in Winter 2025/2026.

3.2.3 NFA Phase 3

The 30% design for proposed screening facilities at the aeration basin headworks was completed but found to be cost-prohibitive compared to upstream improvements.

Site visits revealed that all 16 final settling tanks have asymmetrical peripheral influent troughs, likely contributing to debris buildup and sludge settling. A CFD modeling effort was launched to assess the impact of this asymmetry on tank hydraulics.

Secondary clarifier performance testing in Battery A was conducted to collect data on hydraulic and treatment performance, providing a comparison point to prior testing in Battery B before Phase I improvements.

A hazardous materials sub-consultant is developing a sampling plan covering the full project scope.

4 IMPLEMENTATION ISSUES AND REMEDIAL ACTIONS

4.1 Collection System Projects

Project Names	Challenges	Remedial Actions

CSO 053_11 Canisius/ Jefferson Delavan OLS (Part of the East Delavan Sewer Project)	• As part of the SEQR DEIS public comment process, BSA received a formal comment from a key stakeholder, Canisius University, which currently owns part of the land where the project is sited.
	• The comment requested significant modifications to the Contract 3 30% Design (August 2025) and Contract 2 60% Design (July 2025).
	• Contrary to prior discussions, Canisius indicated opposition to the proposed acquisition of the Contract 3 site by the City and the use of the site by BSA for the installation of the proposed offline storage tank and associated facilities.
	• Canisius proposed relocating the offline storage project to the Contract 2 site, necessitating major redesign and revisions to hydraulic and civil layout assumptions.
	• Due to the magnitude of these changes, the SEQR process will require a Supplemental Environmental Impact Statement (SEIS) beginning in 2026.
	• The negotiations for legal land transfer between BSA and Canisius are in progress.
		• Hazen & Sawyer has relocated the proposed offline storage tank and related facilities to the Contract 2 site based on discussions with BSA and Canisius.
		• Hazen is actively coordinating with BSA's QCCW Program Management Team (Arcadis) to obtain new hydraulic design constraints to advance revised design development.
		• Monthly coordination meetings are being held between Hazen and Canisius to address:
		  ○ Design progress
		  ○ Land transfer discussions
		  ○ Construction staging and site logistics
		  ○ Schedule impacts and mitigation
		  ○ Community feedback and stakeholder communication
		• The upcoming SEQR Supplemental EIS process will formally document and evaluate the relocation and revised project approach. The SEIS will start in 2026.

• System_2 Schiller Park • CSO011_1.2 SPP024 Modification • CSO012_1.2 SPP023 Modification • CSO012_2.1 SPP296 Modification • CSO014_1.1 SPP206A&B RTC • CSO014_1.2 5.55 MG Erie Basin Marina OLS (Waterfront Park OLS)	• During preliminary design, the project team identified opportunities to optimize offline storage tank sizing and further evaluate construction feasibility based on updated system performance information. These evaluations also affect associated SPP improvements and require alignment with system-wide hydraulic behavior.	• The PMT, in coordination with BSA, initiated a collection system model validation effort to confirm right-sizing and system integration for the remaining LTCP projects. Design advancement for the listed projects has been temporarily paused or limited to site investigation activities, while modeling refinement is completed. Final project recommendations are expected by December 2025 and will continue to meet the implementation timeframes established under the Consent Judgment, including the December 2040 completion deadline.

5 BIRD ISLAND WWTF MONTHLY FACILITY OPERATIONS REPORTS AND NY ALERT INCIDENT REPORTS

BSA reports the status of the Bird Island WWTF through Monthly Facility Operations Reports (FORs). Each monthly report includes a summary of operations data, sewer inspection reports, a primary pollutant and monitoring summary, and partial treatment letters, along with comments, observations, operating problems, and critical equipment failures. Facility Operations Reports for this reporting period are included in Attachment B.

NY Alert Incident Reports issued during this reporting period, in accordance with the NY Sewage Pollution Right to Know Act, are also included in Attachment B. Each report identifies the discharge location, date, time, duration, volume, cause for discharge, and measures taken to contain the discharge.

6 CSO OUTFALL OPERATIONS AND MAINTENANCE

Monthly CSO Inspection Reports are included in the FORs available in Attachment B. Each Sewer Patrol Point is inspected monthly.

7 SEWERAGE BACKUPS AND BUILDING/PRIVATE PROPERTY BACKUPS

The list of Sewage Backups and Building/Private Property Backups is provided in Attachment C.

The following information for the Sewage Backups and Building/Private Property Backups is provided in Attachment C:

i. Approximate location, date, time, and volume of the release; CSO tributary areas;
ii. Cause(s) or suspected causes(s) (e.g. pipeline failure, blockage, wet weather, etc.); and
iii. Steps taken or planned by BSA to minimize the recurrence of and mitigate the impact of the release.

8 PERMIT APPLICATION STATUS

The SEQR process for the projects listed below was initiated and Full Environmental Assessment Form (FEAF) Part I was completed and submitted to BSA for Lead Agency declaration:

- CSO014_1.1 SPP206A&B RTC
- CSO014_1.2 5.55 MG Waterfront Park (Erie Basin Marina) OLS

The Waterfront Park CSO Drilling Work Plan Fourth Street Former MGP, 91516 was submitted to NYSDEC on September 24, 2025. Comments were received on September 25, 2025, and the revised plan was submitted on October 14, 2025. The work plan was approved by NYSDEC on October 21, 2025.

9 DELIVERABLES AND DATES OF SUBMISSION

Deliverables to NYSDEC and the associated dates of submission during this reporting period include:

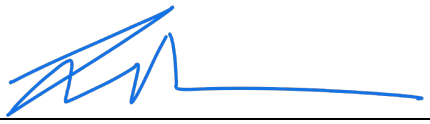
No.	Deliverables	Date of Submission	Date of Approval
1	SPP338 Change Order	06/09/2025	09/09/2025
2	Breckenridge Plan Submission	07/15/2025	09/09/2025
3	CSO053_1.4 Sidney Real Time Control (RTC) Revised PER and Response to NYSDEC Comments	8/11/2025	
4	Genesee SPP341A – 90% Plans & Specs	*Submitted before Aug 14, 2025*	
6	South Buffalo PS Upgrades Bid Documents	8/15/2025	
7	Colorado – 60% Plans & Specs Brownfield Area adjacent to American Axle	08/27/2025 (sent to DER and DOW)	
8	September 2025 Semi-Annual Report	8/29/2025	
9	Annual PCM Report	8/29/2025	
10	GI Reporting Package (Raincheck 2.0) for September DEC Meeting	9/9/2025	
11	SVIs report for September DEC Meeting	9/11/2025	
12	Waterfront Park CSO Drilling Work Plan Fourth Street Former MGP, 91516	09/24/2025	10/21/2025
13	Michigan (175/176/177) – 90% Plans & Specs	*Submitted before Oct 09, 2025*	

10 NON-COMPLIANCE AND REMEDIAL STEPS

Reports of Noncompliance Events and associated remedial actions are reported in Attachment D.

11 CERTIFICATION STATEMENT

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



11/15/2025

Rosaleen Nogle, PE, Principal Sanitary Engineer

Date

Attachment A – Completion of Work and Costs Incurred Since Previous Report

Project Name and Tag	Costs	Design	Construction + CA/CI	Total	Project Milestone	Proposed Deadline	Actual Completion	Milestone Status
NFA Phase I	Original Estimate	$ 7,190,000.00	$ 64,710,000.00	$ 71,900,000.00	Design Start	11/25/2019	11/25/2019	Complete
	Committed	$ 785,137.00	$ 60,553,128.00	$ 61,338,265.00	Design Completion	6/23/2022	6/23/2022	Complete
	Forecast at Completion	$ 785,137.00	$ 60,553,128.00	$ 61,338,265.00	Notice to Proceed	9/27/2022	9/27/2022	Complete
	To Date	$ 785,137.00	$ 40,213,300.00	$ 40,998,437.00	Construction Completion	5/25/2030		
	This Report	$ -	$ 3,462,867.00	$ 3,462,867.00				
NFA Phase II (Phase IIA and IIB)	Original Estimate	$ 7,400,000.00	$ 66,600,000.00	$ 74,000,000.00	Design Start	10/28/2020	10/28/2020	Complete
	Committed	$ 3,122,375.00	$ 43,160,925.00	$ 46,283,300.00	Design Completion	7/10/2025	12/12/2024	Complete
	Forecast at Completion	$ 4,214,150.00	$ 112,069,150.00	$ 116,283,300.00	Notice to Proceed	7/23/2026		
	To Date	$ 3,246,259.00	$ 6,242,349.00	$ 9,488,608.00	Construction Completion	12/26/2031		
	This Report	$ 2,950,920.00	$ 3,760,695.00	$ 6,711,615.00				
NFA Phase III + Non-NFA Phase III Improvements	Original Estimate	$ 15,000,000.00	$ 135,000,000.00	$ 150,000,000.00	Design Start	3/2/2024	4/26/2024	Complete
	Committed	$ 4,840,000.00	$ -	$ 4,840,000.00	Design Completion	9/30/2027		
	Forecast at Completion	$ 17,500,000.00	$ 175,200,000.00	$ 192,700,000.00	Notice to Proceed	3/31/2028		
	To Date	$ 2,685,257.00	$ -	$ 2,685,257.00	Construction Completion	12/31/2031		
	This Report	$ 680,928.00	$ -	$ 680,928.00				
Non-NFA Phase III Improvements	Original Estimate	$ 7,500,000.00	$ 67,500,000.00	$ 75,000,000.00	Design Start	3/2/2024	4/26/2024	Complete
	Committed	$ 484,000.00	$ -	$ 484,000.00	Design Completion	9/30/2027		
	To Date	$ 77,481.70		$ 77,481.70	Notice to Proceed	3/31/2028		
	This Report	$ 70,643.45	$ -	$ 70,643.45	Construction Completion	6/30/2033		
Jefferson & Florida (SPP 170B) (2.6 MG) (M) Replaced by CSO053_11 1.5 MG Canisius/Jefferson Delevan OLS	Original Estimate	$ 3,000,000.00	$ 27,000,000.00	$ 30,000,000.00	Design Start	12/1/2021	9/24/2021	Complete
	Committed	$ 3,536,505.00	$ 64,206,172.00	$ 67,742,677.00	Design Completion	6/30/2026		
	Forecast at Completion	$ 3,527,150.30	$ 99,839,172.00	$ 103,366,322.30	Notice to Proceed	11/19/2026		
	To Date	$ 2,829,204.00	$ -	$ 2,829,204.00	Construction Completion	4/9/2032		
	This Report	$ 451,295.10	$ -	$ 451,295.10				
Amherst Quarry OLS (M) Now CSO053_3.2 Bailey & Amherst, Amherst Quarry PS RTC	Original Estimate	$ 215,087.20	$ 1,935,784.80	$ 2,150,872.00	Design Start	12/1/2021	4/8/2022	Complete
	Committed	$ 959,931.00	$ 3,326,320.00	$ 4,286,251.00	Design Completion	11/27/2024	7/26/2024	Complete
	Forecast at Completion	$ 959,931.00	$ 3,326,320.00	$ 4,286,251.00	Notice to Proceed	5/28/2025	3/14/2024	Complete
	To Date	$ 815,940.00	$ 2,028,966.00	$ 2,844,906.00	Construction Completion	7/6/2028		
	This Report	$ -	$ 1,064,989.00	$ 1,064,989.00				
Underflow Upsizing (CSO 008/010, 061, 004) (M) Replaced by CSO010_1 Breckenridge Niagara RTC	Original Estimate	$ 363,661.70	$ 3,272,955.30	$ 3,636,617.00	Design Start	3/1/2022	6/15/2021	Complete
	Forecast at Completion	$ 838,300.00	$ 26,152,900.00	$ 26,991,200.00	Design Completion	2/25/2025	2/4/2025	Complete
	Committed	$ 838,300.00	$ 26,152,900.00	$ 26,991,200.00	Notice to Proceed	10/26/2025		
	To Date	$ 835,250.00	$ -	$ 835,250.00	Construction Completion	1/31/2029		
	This Report	$ -	$ -	$ -				
CSO006_2 Gates Circle RTC (Combined with Bailey & Amherst)	Original Estimate	$ 283,528.70	$ 2,551,758.30	$ 2,835,287.00	Design Start	3/1/2022	4/8/2022	Complete
	Committed	$ 929,540.00	$ 4,157,900.00	$ 5,087,440.00	Design Completion	10/8/2024	6/7/2023	Complete
	Forecast at Completion	$ 929,540.00	$ 4,157,900.00	$ 5,087,440.00	Notice to Proceed	4/8/2025	3/14/2024	Complete
	To Date	$ 910,735.00	$ 2,536,207.50	$ 3,446,942.50	Construction Completion	7/6/2028		
	This Report	$ -	$ 2,046,342.50	$ 2,046,342.50				

Project Name and Tag	Costs	Design	Construction + CA/CI	Total	Project Milestone	Proposed Deadline	Actual Completion	Milestone Status
CSO053_10 SPP229A RTC	Estimated	$ 300,000.00	$ 2,700,000.00	$ 3,000,000.00	Design Start	3/1/2022	9/24/2021	Complete
	Committed	$ 353,650.50	$ 2,282,828.00	$ 2,636,478.50	Design Completion	4/23/2024	3/25/2024	Complete
	To Date	$ 318,286.00	$ 1,461,737.50	$ 1,780,023.50	Notice to Proceed	10/22/2024	10/7/2024	Complete
	This Report	$ 9,354.70	$ 1,012,339.50	$ 1,021,694.20	Construction Completion	7/19/2026		
CSO053_12.2 Jefferson Ave GI	Estimated	$ 152,000.00	$ 1,368,000.00	$ 1,520,000.00	Design Start	3/1/2022	9/14/2020	Complete
	Committed	$ -	$ -	$ -	Design Completion			
	To Date	$ 37,950.50		$ 37,950.50	Notice to Proceed			
	This Report	$ -	$ -	$ -	Construction Completion	6/14/2028		
CSO053_12.1 Jefferson Ave GI	Estimated	$ 46,000.00	$ 414,000.00	$ 460,000.00	Design Start	3/1/2022	9/14/2020	Complete
	Committed	$ -	$ -	$ -	Design Completion			
	To Date	$ 37,950.50		$ 37,950.50	Notice to Proceed			
	This Report	$ -	$ -	$ -	Construction Completion	6/14/2028		
CSO053_3.3 Bailey & Minnesota SPP254 Modification (Combined with Bailey & Amherst)	Original Estimate	$ 23,238.50	$ 209,146.50	$ 232,385.00	Design Start	3/1/2022	4/8/2022	Complete
	Committed	$ 103,632.00	$ 831,580.00	$ 935,212.00	Design Completion	4/23/2024	6/7/2023	Complete
	Forecast at Completion	$ 103,632.00	$ 831,580.00	$ 935,212.00	Notice to Proceed	10/22/2024	3/14/2024	Complete
	To Date	$ 101,200.00	$ 507,241.50	$ 608,441.50	Construction Completion	7/19/2026		
	This Report	$ 2,750.00	$ 271,789.50	$ 274,539.50				
Colorado ILS (M) Replaced by CSO053_2.5 SPP337 Modification	Original Estimate	$ 6,000.00	$ 54,000.00	$ 60,000.00	Design Start	3/2/2024	2/1/2024	Complete
	Committed	$ 347,217.00	$ -	$ 347,217.00	Design Completion	6/30/2026		
	Forecast at Completion	$ 347,217.00	$ 15,652,000.00	$ 15,999,217.00	Notice to Proceed	12/31/2026		
	To Date	$ 121,678.00	$ -	$ 121,678.00	Construction Completion	12/29/2028		
	This Report	$ 28,192.00	$ -	$ 28,192.00				
South Bailey ILS (M) Replaced with CSO053_3.1 SPP338 Modification	Original Estimate	$ 400,000.00	$ 3,600,000.00	$ 4,000,000.00	Design Start	3/2/2024	2/1/2024	Complete
	Committed	$ 53,499.33	$ -	$ 66,282.67	Design Completion	12/31/2025		
	Forecast at Completion	$ 66,282.67	$ 1,618,100.00	$ 1,684,382.67	Notice to Proceed	6/30/2026		
	To Date	$ 34,128.00	$ -	$ 14,758.00	Construction Completion	12/31/2027		
	This Report	$ 19,370.00	$ -	$ 19,370.00				
SPP 341A Optimization Genesee & Kearns (M) Replaced by CSO053_8 SPP341A Modification	Original Estimate	$ 6,000.00	$ 54,000.00	$ 60,000.00	Design Start	3/2/2024	2/1/2024	Complete
	Committed	$ 463,632.00	$ -	$ 463,632.00	Design Completion	12/31/2025		
	Forecast at Completion	$ 463,632.00	$ 9,545,400.00	$ 10,009,032.00	Notice to Proceed	6/30/2026		
	To Date	$ 214,917.00	$ -	$ 214,917.00	Construction Completion	12/31/2027		
	This Report	$ 124,358.00	$ -	$ 124,358.00				
CSO053_1.5 SPP336B Modification	Original Estimate	$ 6,000.00	$ 54,000.00	$ 60,000.00	Design Start	3/2/2024	2/1/2024	Complete
	Committed	$ 53,499.33	$ -	$ 66,282.67	Design Completion	12/31/2025		
	Forecast at Completion	$ 66,282.67	$ 1,618,100.00	$ 1,684,382.67	Notice to Proceed	6/30/2026		
	To Date	$ 41,952.00		$ 42,365.00	Construction Completion	12/31/2027		
	This Report	$ 11,546.00	$ -	$ 11,546.00				

Project Name and Tag	Costs	Design	Construction + CA/CI	Total	Project Milestone	Proposed Deadline	Actual Completion	Milestone Status
SPP 336 A/B (SPP165A, SPP165B, SPP336A, SPP 336B) (4.2 MG) (M) Replaced by CSO053_1.4 3.26 MG Sidney OLS	Original Estimate	$ 2,772,000.00	$ 24,948,000.00	$ 27,720,000.00	Design Start	3/2/2024	2/1/2024	Complete
	Committed	$ 3,720,000.00	$ -	$ 3,720,000.00	Design Completion	6/30/2027		
	Forecast at Completion	$ 3,720,000.00	$ 39,930,000.00	$ 43,650,000.00	Notice to Proceed	12/31/2027		
	To Date	$ 400,505.00	$ -	$ 400,505.00	Construction Completion	12/31/2032		
	This Report	$ 80,320.00	$ -	$ 80,320.00				
CSO053_13 SPP165B Modification	Estimated	$ 6,000.00	$ 54,000.00	$ 60,000.00	Design Start	3/2/2024	2/1/2024	Complete
	Committed	$ -	$ -	$ -	Design Completion		7/30/2025	Record drawings updated
	To Date	$ 32,350.00		$ 32,350.00	Notice to Proceed	N/A	N/A	N/A
	This Report	$ -	$ -	$ -	Construction Completion	N/A	N/A	N/A
CSO053_14 SPP175 Modification	Original Estimate	$ 6,000.00	$ 54,000.00	$ 60,000.00	Design Start	3/2/2024	2/1/2024	Complete
	Committed	$ 53,499.33	$ -	$ 66,282.67	Design Completion	12/31/2025		
	Forecast at Completion	$ 66,282.67	$ 1,618,100.00	$ 1,684,382.67	Notice to Proceed	6/30/2026		
	To Date	$ 46,809.00		$ 40,119.00	Construction Completion	12/31/2027		
	This Report	$ 6,690.00	$ -	$ 6,690.00				
CSO053_5.2 Edison Martha OLS (Roosevelt Park OLS)	Original Estimate	$ 3,724,000.00	$ 33,516,000.00	$ 37,240,000.00	Design Start	3/2/2024	2/1/2024	Complete
	Committed	$ 1,848,450.00	$ -	$ 1,848,450.00	Design Completion	12/31/2026		
	Forecast at Completion	$ 2,098,450.00	$ 84,500,000.00	$ 86,598,450.00	Notice to Proceed	6/30/2027		
	To Date	$ 472,675.00		$ 472,675.00	Construction Completion	6/30/2033		
	This Report	$ 27,325.00	$ -	$ 27,325.00				
CSO014_1.1 SPP206A&B RTC	Original Estimate	$ 400,000.00	$ 3,600,000.00	$ 4,000,000.00	Design Start	3/3/2025	3/3/2025	Complete
	Committed	$ -	$ -	$ -	Design Completion	3/31/2028		
	Forecast at Completion	$ 400,000.00	$ 6,000,000.00	$ 6,400,000.00	Notice to Proceed	9/30/2028		
	To Date	$ 23,350.00		$ 23,350.00	Construction Completion	12/31/2030		
	This Report	$ -	$ -	$ -				
System_2 Schiller Park OLS	Estimated	$ 8,596,000.00	$ 77,364,000.00	$ 85,960,000.00	Design Start	3/3/2025	3/3/2025	Complete
	Committed	$ -	$ -	$ -	Design Completion	6/30/2028		
	To Date			$ -	Notice to Proceed	12/31/2028		
	This Report	$ -	$ -	$ -	Construction Completion	12/31/2033		
System_2_3 SPP339 Modification	Original Estimate	$ 6,000.00	$ 54,000.00	$ 60,000.00	Design Start	3/3/2025	3/3/2025	Complete
	Committed	$ 64,698.00	$ -	$ 64,698.00	Design Completion	12/31/2026		
	Forecast at Completion	$ 64,698.00	$ 4,250,000.00	$ 4,314,698.00	Notice to Proceed	6/30/2027		
	To Date	$ 8,683.00		$ 8,683.00	Construction Completion	6/30/2029		
	This Report	$ 5,495.00	$ -	$ 5,495.00				

Project Name and Tag	Costs	Design	Construction + CA/CI	Total	Project Milestone	Proposed Deadline	Actual Completion	Milestone Status
System_2_4 Schiller Park OLS SPP340 Modification	Original Estimate	$ 6,000.00	$ 54,000.00	$ 60,000.00	Design Start	3/3/2025	3/3/2025	Complete
	Committed	$ 64,698.00	$ -	$ 64,698.00	Design Completion	12/31/2026		
	Forecast at Completion	$ 64,698.00	$ 4,250,000.00	$ 4,314,698.00	Notice to Proceed	6/30/2027		
	To Date	$ 8,683.00		$ 8,683.00	Construction Completion	6/30/2029		
	This Report	$ 5,495.00	$ -	$ 5,495.00				
CSO-014/015 (0.8 MG) (M) Updated to larger tank: CSO014_1.2 5.55 MG Erie Basin Marina OLS	Original Estimate	$ 6,244,000.00	$ 56,196,000.00	$ 62,440,000.00	Design Start	3/3/2025	3/3/2025	Complete
	Committed	$ 78,500.00	$ -	$ 78,500.00	Design Completion	3/31/2028		
	Forecast at Completion	$ 4,389,240.00	$ 89,814,860.00	$ 94,204,100.00	Notice to Proceed	9/30/2028		
	To Date	$ 48,600.00		$ 48,600.00	Construction Completion	12/31/2033		
	This Report	$ 16,200.00	$ -	$ 16,200.00				
CSO-013 (0.3 MG) (M) Replaced with CSO013_1 SPP304 Modification	Original Estimate	$ 6,000.00	$ 54,000.00	$ 60,000.00	Design Start	3/3/2026	3/3/2025	Complete
	Committed	$ 64,698.00	$ -	$ 64,698.00	Design Completion	12/31/2027		
	Forecast at Completion	$ 64,698.00	$ 1,000,000.00	$ 1,064,698.00	Notice to Proceed	6/30/2028		
	To Date	$ 6,978.00		$ 6,978.00	Construction Completion	12/31/2029		
	This Report	$ 5,495.00	$ -	$ 5,495.00				
CSO017_8 SPP326 Modification	Original Estimate	$ 6,000.00	$ 54,000.00	$ 60,000.00	Design Start	3/3/2026	3/3/2025	Complete
	Committed	$ 64,698.00	$ -	$ 64,698.00	Design Completion	12/31/2028		
	Forecast at Completion	$ 64,698.00	$ 6,000,000.00	$ 6,064,698.00	Notice to Proceed	6/30/2029		
	To Date	$ 6,978.00		$ 6,978.00	Construction Completion	12/31/2030		
	This Report	$ 5,495.00	$ -	$ 5,495.00				
CSO011_1.2 SPP024 Modification	Estimated	$ 6,000.00	$ 54,000.00	$ 60,000.00	Design Start	3/3/2026		
	Last Report	$ -	$ -	$ -	Design Completion	12/31/2029		
	To Date			$ -	Notice to Proceed	6/30/2030		
	This Report	$ -	$ -	$ -	Construction Completion	12/31/2032		
CSO012_1.2 SPP023 Modification	Estimated	$ 6,000.00	$ 54,000.00	$ 60,000.00	Design Start	3/3/2026		
	Last Report	$ -	$ -	$ -	Design Completion	12/31/2029		
	To Date			$ -	Notice to Proceed	6/30/2030		
	This Report	$ -	$ -	$ -	Construction Completion	12/31/2032		
CSO012_2.1 SPP296 Modification	Estimated	$ 6,000.00	$ 54,000.00	$ 60,000.00	Design Start	3/3/2026		
	Last Report	$ -	$ -	$ -	Design Completion	12/31/2029		
	To Date			$ -	Notice to Proceed	6/30/2030		
	This Report	$ -	$ -	$ -	Construction Completion	12/31/2032		
CSO026_1.3 Collins Park OLS	Estimated	$ 3,010,000.00	$ 27,090,000.00	$ 30,100,000.00	Design Start	3/3/2027		
	Last Report	$ -	$ -	$ -	Design Completion	12/31/2029		
	To Date			$ -	Notice to Proceed	6/30/2030		
	This Report	$ -	$ -	$ -	Construction Completion	12/31/2035		

Project Name and Tag	Costs	Design	Construction + CA/CI	Total	Project Milestone	Proposed Deadline	Actual Completion	Milestone Status
CSO027_1 SPP 317 Modification	Estimated	$ 6,000.00	$ 54,000.00	$ 60,000.00	Design Start	3/3/2027		
	Last Report	$ -	$ -	$ -	Design Completion	12/31/2028		
	To Date			$ -	Notice to Proceed	6/30/2029		
	This Report	$ -	$ -	$ -	Construction Completion	12/31/2030		
CSO027_2 Babcock PS Weir Modification	Estimated	$ 6,000.00	$ 54,000.00	$ 60,000.00	Design Start	3/3/2027		
	Last Report	$ -	$ -	$ -	Design Completion	6/30/2029		
	To Date			$ -	Notice to Proceed	12/31/2029		
	This Report	$ -	$ -	$ -	Construction Completion	12/31/2031		
CSO-055 (7.5 MG) (M) Updated to larger tank with new location: CSO055_1.5 11.55 MG Military Rd OLS	Estimated	$ 9,688,000.00	$ 87,192,000.00	$ 96,880,000.00	Design Start	9/1/2027		
	Last Report	$ -	$ -	$ -	Design Completion	9/30/2030		
	To Date			$ -	Notice to Proceed	3/31/2031		
	This Report	$ -	$ -	$ -	Construction Completion	12/31/2036		
Northern Relief Sewer/ North Relief - Interceptor (M) New Configuration, tagged as System_1 Northern Relief Tunnel	Estimated	$ 7,281,074.40	$ 65,529,669.60	$ 72,810,744.00	Design Start	9/1/2027		
	Last Report	$ -	$ -	$ -	Design Completion	12/31/2032		
	To Date			$ -	Notice to Proceed	6/30/2033		
	This Report	$ -	$ -	$ -	Construction Completion	12/31/2040		
CSO017_9 SPP059 Modification	Estimated	$ 6,000.00	$ 54,000.00	$ 60,000.00	Design Start	3/1/2028		
	Last Report	$ -	$ -	$ -	Design Completion	12/31/2030		
	To Date			$ -	Notice to Proceed	6/30/2031		
	This Report	$ -	$ -	$ -	Construction Completion	6/30/2033		
CSO027_3 SPP097 modification	Estimated	$ 6,000.00	$ 54,000.00	$ 60,000.00	Design Start	3/1/2028		
	Last Report	$ -	$ -	$ -	Design Completion	12/31/2030		
	To Date			$ -	Notice to Proceed	6/30/2031		
	This Report	$ -	$ -	$ -	Construction Completion	6/30/2033		
CSO033_2 Clinton St OLS	Estimated	$ 16,380,000.00	$ 147,420,000.00	$ 163,800,000.00	Design Start	3/3/2029		
	Last Report	$ -	$ -	$ -	Design Completion	12/31/2031		
	To Date			$ -	Notice to Proceed	6/30/2032		
	This Report	$ -	$ -	$ -	Construction Completion	12/31/2036		
CSO033_3 SPP104 Modification	Estimated	$ 6,000.00	$ 54,000.00	$ 60,000.00	Design Start	3/3/2029		
	Last Report	$ -	$ -	$ -	Design Completion	12/31/2030		
	To Date			$ -	Notice to Proceed	6/30/2031		
	This Report	$ -	$ -	$ -	Construction Completion	12/31/2032		
CSO017_10 SPP051 Modification	Estimated	$ 6,000.00	$ 54,000.00	$ 60,000.00	Design Start	3/3/2029		
	Last Report	$ -	$ -	$ -	Design Completion	12/31/2030		
	To Date			$ -	Notice to Proceed	6/30/2031		
	This Report	$ -	$ -	$ -	Construction Completion	12/31/2032		

Project Name and Tag	Costs	Design	Construction + CA/CI	Total	Project Milestone	Proposed Deadline	Actual Completion	Milestone Status
CSO-064 (0.1 MG) (M) Replaced with CSO064_1.1 CSO-064 ILS	Original Estimate	$ 400,000.00	$ 3,600,000.00	$ 4,000,000.00	Design Start	3/3/2025	3/3/2025	Complete
	Forecast at Completion	$ 400,000.00	$ 4,000,000.00	$ 4,400,000.00	Design Completion	6/30/2028		
	Last Report	$ -	$ -	$ -	Notice to Proceed	12/31/2028		
	To Date	$ 6,830.00		$ 6,830.00	Construction Completion	6/30/2031		
	This Report	$ 5,495.00	$ -	$ 6,830.00				
CSO006_3 Delavan Drain Weir Raising & RTC	Original Estimate	$ 400,000.00	$ 3,600,000.00	$ 4,000,000.00	Design Start	3/3/2030		
	Last Report	$ -	$ -	$ -	Design Completion	12/31/2032		
	To Date			$ -	Notice to Proceed	6/30/2033		
	This Report	$ -	$ -	$ -	Construction Completion	12/31/2036		
CSO064_1.2 SPP 137 Modification	Original Estimate	$ 6,000.00	$ 54,000.00	$ 60,000.00	Design Start	3/3/2025	3/3/2025	Complete
	Forecast at Completion	$ 60,000.00	$ 1,000,000.00	$ 1,060,000.00	Design Completion	6/30/2028		
	Last Report	$ -	$ -	$ -	Notice to Proceed	12/31/2028		
	To Date	$ 6,830.00		$ 6,830.00	Construction Completion	6/30/2031		
	This Report	$ 5,495.00	$ -	$ 6,830.00				
CSO-028/044/047 (2.3 MG) (M) Updated to smaller tank: CSO028_1 0.95 MG Hopkins & Osage OLS	Estimated	$ 1,764,000.00	$ 15,876,000.00	$ 17,640,000.00	Design Start	3/3/2031		
	Last Report	$ -	$ -	$ -	Design Completion	12/31/2033		
	To Date			$ -	Notice to Proceed	6/30/2034		
	This Report	$ -	$ -	$ -	Construction Completion	9/30/2039		
CSO017_6 Bass Alley OLS	Estimated	$ 3,262,000.00	$ 29,358,000.00	$ 32,620,000.00	Design Start	3/3/2031		
	Last Report	$ -	$ -	$ -	Design Completion	12/31/2033		
	To Date			$ -	Notice to Proceed	6/30/2034		
	This Report	$ -	$ -	$ -	Construction Completion	9/30/2039		
CSO033_1 Bailey & Regent OLS (Moreland Park)	Estimated	$ 5,362,000.00	$ 48,258,000.00	$ 53,620,000.00	Design Start	3/2/2032		
	Last Report	$ -	$ -	$ -	Design Completion	12/31/2034		
	To Date			$ -	Notice to Proceed	6/30/2035		
	This Report	$ -	$ -	$ -	Construction Completion	9/30/2040		
CSO064_2 Perry Street Sanitary Sewer	Estimated	$ 480,000.00	$ 4,320,000.00	$ 4,800,000.00	Design Start	3/3/2033		
	Last Report	$ -	$ -	$ -	Design Completion	12/31/2035		
	To Date			$ -	Notice to Proceed	6/30/2036		
	This Report	$ -	$ -	$ -	Construction Completion	12/31/2038		
CSO017_1.1 SPP054 Sewer Separation	Estimated	$ 70,000.00	$ 630,000.00	$ 700,000.00	Design Start	3/3/2033		
	Last Report	$ -	$ -	$ -	Design Completion	12/31/2035		
	To Date			$ -	Notice to Proceed	6/30/2036		
	This Report	$ -	$ -	$ -	Construction Completion	12/31/2038		

Project Name and Tag	Costs	Design	Construction + CA/CI	Total	Project Milestone	Proposed Deadline	Actual Completion	Milestone Status
Hertel North East ILS (M) Updated design (CSO055_1.1)	Estimated	$ 400,000.00	$ 3,600,000.00	$ 4,000,000.00	Design Start	3/3/2034		
	Last Report	$ -	$ -	$ -	Design Completion	12/31/2036		
	To Date			$ -	Notice to Proceed	6/30/2037		
	This Report	$ -	$ -	$ -	Construction Completion	12/31/2040		

Project Name and Tag	Costs	Design	Construction + CA/CI	Total	Project Milestone	Proposed Deadline	Actual Completion	Milestone Status
Green Infrastructure Projects								
Waterbody and GI Projects Included	**Costs**	**Design**	**Construct**	**Total**	**Project Milestone**	**Proposed Deadline**	**Actual Compeltion**	**Milestone Status**
CSO053_9 (16.7 acres managed) Scajaquada Creek	Estimated	$ 334,400.00	$ 3,009,600.00	$ 3,344,000.00	Start Date	3/2/2028		
	Last Report	$ -	$ -	$ -	20% Completion	3/1/2029		
	To Date			$ -	40% Completion	3/1/2030		
	This Report	$ -	$ -	$ -	60% Completion	3/1/2031		
					80% Completion	3/1/2033		
					100% Completion	3/1/2034		
CSO006_5 (52.5 acres managed) Black Rock Canal	Estimated	$ 1,050,600.00	$ 9,455,400.00	$ 10,506,000.00	Start Date	3/3/2031		
	Last Report	$ -	$ -	$ -	20% Completion	3/1/2032		
	To Date			$ -	40% Completion	3/1/2033		
	This Report	$ -	$ -	$ -	60% Completion	3/1/2034		
					80% Completion	3/1/2036		
					100% Completion	3/1/2037		
CSO011_1.1 (19.9 acres managed) Niagara River	Estimated	$ 398,200.00	$ 3,583,800.00	$ 3,982,000.00	Start Date	3/2/2032		
	Last Report	$ -	$ -	$ -	20% Completion	3/1/2034		
	To Date			$ -	40% Completion	3/1/2036		
	This Report	$ -	$ -	$ -	60% Completion	3/1/2037		
					80% Completion	3/1/2039		
					100% Completion	3/1/2040		
CSO055_3 (260.2 acres managed) Niagara River	Estimated	$ 5,203,200.00	$ 46,828,800.00	$ 52,032,000.00	Start Date	3/2/2032		
	Last Report	$ -	$ -	$ -	20% Completion	3/1/2034		
	To Date			$ -	40% Completion	3/1/2036		
	This Report	$ -	$ -	$ -	60% Completion	3/1/2037		
					80% Completion	3/1/2039		
					100% Completion	3/1/2040		
CSO017_4 (37.5 acres managed) Buffalo River	Estimated	$ 749,000.00	$ 6,741,000.00	$ 7,490,000.00	Start Date	3/3/2032		
	Last Report	$ -	$ -	$ -	20% Completion	3/1/2033		
	To Date			$ -	40% Completion	3/1/2035		
	This Report	$ -	$ -	$ -	60% Completion	3/1/2036		
					80% Completion	3/1/2038		
					100% Completion	3/2/2039		

Project Name and Tag	Costs	Design	Construction + CA/CI	Total	Project Milestone	Proposed Deadline	Actual Completion	Milestone Status
CSO026_4 (125.5 acres managed) Buffalo River	Estimated	$ 2,510,400.00	$ 22,593,600.00	$ 25,104,000.00	Start Date	3/3/2032		
	Last Report	$ -	$ -	$ -	20% Completion	3/1/2033		
	To Date			$ -	40% Completion	3/1/2035		
	This Report	$ -	$ -	$ -	60% Completion	3/1/2036		
					80% Completion	3/1/2038		
					100% Completion	3/2/2039		

Attachment B - Bird Island WWTF Monthly Facility Operations Reports, NY Alert Incident Reports, and CSO Outfall Operations and Maintenance Activity Logs

WASTEWATER FACILITY OPERATION REPORT FOR THE MONTH OF July 2025

SPDES PERMIT NO. **NY - 0028410**

FACILITY NAME **Secondary Treatment Plant**

FACILITY OWNER **Buffalo Sewer Authority**

FACILITY LOCATION **Ft. of West Ferry Street**

	Day	Date	Daily Precip. in/Day	VOL. OF SEWAGE TREATED Inst.Max MGD	Daily Avg MGD	Inst.Min MGD	TEMP. (C) Influent (2)	Effint. (2)	pH(S.U.) Influent Min	Influent Max	Effluent Min	Effluent Max	SETTLEABLE SOLIDS ml/l Influent Max.	Effluent Max.	B.O.D. mg/l Influent Type	Effluent Type	SUSPENDED SOLIDS ml/l Influent Type	Effluent Type
P	Tue	1	T	340	132	61	20	21	6.9	7.1	7.2	7.4	3.9	0.1	71	5.0	118	S 7.0
	Wed	2	0.00	126	90	61	20	21	6.6	6.9	7.1	7.3	1.2	0.1	112	4.9	64	6.8
P	Thu	3	0.07	238	106	51	20	21	6.7	7.1	7.1	7.3	3.5	0.1	112	10.0	84	6.4
	Fri	4	0.00	103	78	66	19	20	6.6	7.0	7.2	7.3	2.8	0.1	143	4.4	66	7.0
	Sat	5	0.00	107	77	63	20	21	7.0	7.1	7.2	7.3	4.1	0.1	95	6.1	92	8.2
	Sun	6	0.00	109	76	61	21	22	6.9	7.2	7.2	7.3	4.1	0.1	102	T 4.7	103	3.8
	Mon	7	0.05	111	72	50	21	22	6.7	7.1	7.2	7.3	2.5	0.1	91	7.1	92	3.4
	Tue	8	0.05	109	75	61	21	22	6.6	7.0	7.1	7.3	4.8	0.1	158	6.6	99	4.6
	Wed	9	T	101	74	53	21	22	6.6	6.8	7.1	7.2	3.9	0.1	152	16.0	122	S 5.8
	Thu	10	T	122	78	52	21	22	6.5	7.0	7.1	7.2	3.1	0.1	137	10.0	163	10.6
	Fri	11	0.00	119	76	41	21	22	6.6	7.0	7.2	7.3	3.3	0.1	112	S 10.0	92	S 5.6
P	Sat	12	0.12	188	100	57	20	21	6.7	7.0	7.2	7.3	10.4	0.1	127	H 14.0	174	12.0
	Sun	13	0.00	92	65	52	22	23	6.9	7.0	7.2	7.3	3.2	0.1	83	H 9.0	79	16.0
	Mon	14	T	113	72	60	22	23	6.4	7.1	7.1	7.4	1.2	0.2	127	10.0	93	19.0
	Tue	15	0.00	115	73	63	22	23	6.5	6.8	7.2	7.3	1.8	0.1	110	8.9	78	6.6
	Wed	16	T	110	73	61	21	22	6.6	7.1	7.1	7.2	2.8	0.1	142	D 15.0	87	S 22.0
P	Thu	17	T	149	85	48	21	22	6.7	6.8	7.2	7.2	7.1	0.1	165	22.0	172	S 12.0
	Fri	18	0.00	96	63	50	21	22	6.3	6.7	6.7	7.3	4.5	0.1	173	11.0	124	12.0
	Sat	19	0.00	85	56	39	22	23	6.6	6.8	7.2	7.4	0.8	0.1	118	9.0	46	S 11.0
P	Sun	20	0.01	220	92	48	23	24	6.5	6.8	7.2	7.2	4.8	0.1	122	T 7.4	69	5.8
P	Mon	21	0.00	91	62	44	21	22	6.5	7.0	7.2	7.2	1.1	0.1	233	14.0	162	15.0
P	Tue	22	0.00	124	72	48	22	23	6.5	6.7	7.2	7.3	3.2	0.1	147	H,T 20.0	112	12.0
	Wed	23	0.00	92	69	50	21	22	6.5	6.7	7.1	7.3	3.2	0.1	178	32.0	125	12.0
	Thu	24	0.05	103	70	50	21	22	6.4	6.9	7.2	7.3	2.1	0.1	183	43.0	100	11.0
P	Fri	25	0.12	240	103	60	23	24	6.4	6.6	7.0	7.3	6.1	0.1	218	40.0	197	13.0
	Sat	26	T	94	67	52	23	24	6.4	6.9	7.1	7.2	3.1	0.1	124	H 25.0	101	10.0
P	Sun	27	0.16	225	110	60	23	24	6.7	7.0	7.2	7.3	3.0	0.3	114	H 38.0	157	19.0
	Mon	28	0.00	99	71	50	23	24	6.6	6.9	7.1	7.3	2.5	0.1	134	27.0	121	S 13.0
	Tue	29	0.00	101	69	49	21	22	6.5	6.8	7.1	7.2	3.1	0.1	136	34.0	101	14.0
P	Wed	30	0.00	137	80	42	21	22	6.4	6.7	7.1	7.3	2.1	0.3	137	37.0	77	23.0
P	Thu	31	0.19	221	109	43	22	23	6.6	6.8	7.0	7.2	8.1	0.1	110	20.0	185	10.0

	Total Precip.	Monthly Average	Monthly Average Influent	Monthly Average Effluent	Monthly Min	Monthly Max	Monthly Min	Monthly Max	Monthly Max	Monthly Max	30 day flow-wght avg(1) Inf(mgl)	30 day flow-wght avg(1) Eff(mg/l)	30 day flow-wght avg(1) %Rem	30 day flow-wght avg(1) Inf(mgl)	30 day flow-wght avg(1) Eff(mg/l)	30 day flow-wght avg(1) %Rem
	0.82	81	21	22	6.3	7.2	6.7	7.4	10.4	0.3	132	16.3	87.7	115	10.6	90.7

30 Day Average Quantity Loading (1)	88866 lbs/day	76934 lbs/day

(1) Refer to current edition of "Notice to SPDEF Permittees Regarding Use of the National Pollutant Discharge Elimination System(NPDES) Discharge Monitoring Report Form" for procedures to calculate loadings, flow-weighted average, geometric mean, maximum, minimum, percent removal, etc.
(2) If temperature is measured more than once a day, report the average for the day.
NOTE: Refer to current SPDES permit for specific monitoring requirements. Sample type for temperature, pH, settleable solids, chlorine residual and fecal coliform is grab.

New York State Department of Environmental Conservation — Division of Water

FACILITY MAILING ADDRESS (Street, City, State, Zip Code)	TELEPHONE NUMBER	CHIEF OPERATOR'S NAME	CERTIFICATION GRADE
Ft. of W. Ferry St., Buffalo, NY 14213	**716 851-4664**	**Alexander C. Emmerson** **Plant Superintendent**	**4A**

	TOTAL PHOSPHORUS mg/l		CHLORINE RESIDUAL		FECAL COLIFORM	
	Influent Type	Effluent Type	Effluent mg/l Minimum	Maximum	Effluent MF or MPN/100ml	REMARKS Enter any other comments, observations, operating problems, equipment failure, etc.
P	1.80	0.81	0.56	1.06	38	
	2.60	1.30	0.66	1.41	34	
P	2.50	0.40	0.70	1.40	63	
	3.20	1.30	0.73	1.40	37	
	2.80	0.91	0.54	1.15	402	
	3.60	1.80	0.69	1.10	40	
	2.80	2.50	0.65	1.26	78	
	3.20	1.50	0.88	1.10	123	
	3.40	1.60	0.70	1.02	38	
	3.40	0.30	0.57	1.10	36	
	3.10	0.32	0.11	1.19	40	
P	3.20	0.60	0.67	1.06	48	
	2.20	0.78	0.63	1.13	170	
	3.00	1.40	0.70	1.23	131	
	3.10	1.20	0.63	1.50	183	
	3.40	0.81	0.60	0.96	64	
P	4.00	0.80	0.45	1.10	67	
	3.60	0.50	0.72	1.22	102	
	2.60	0.55	0.04	1.20	30	
P	2.90	0.60	0.30	1.32	210	
P	3.80	1.60	0.45	1.25	79	
P	3.50	1.40	0.67	1.20	26	
	3.80	1.80	0.55	1.22	166	
	3.30	4.10	0.75	1.16	258	
P	3.80	2.40	0.52	1.16	220	
	2.90	1.00	0.61	1.09	255	
P	3.20	0.75	0.56	0.91	170	
	2.80	0.86	0.80	1.15	221	
	3.30	5.40	0.69	1.20	1206	
P	3.70	2.80	0.35	1.30	3282	
P	2.70	0.35	0.21	2.20	824	

The following reports for July 2025 are attached

- Summary of operations data
- Sewer inspection report.
- Priority Pollutant and Monitoring Summary.
- Partial treatment letters.
- Non-compliance letter monthly average FE phosphates result >1.0
- Non-compliance letters for FE settleable solids daily average results >0.3

RWW pump 1 is out of service for discharge valve repair
RWW pump 3 is out of service.
SWW pump 3 is out of service for motor and discharge valve repair.
SWW pump 5 is out of service for electrical repair.
Digester #6 is out of service for cleaning and rehab
Aeration tanks 1B, 2B, 3B, 4B, 5B, 6B, 7B and 8B are out of service for phase 1 of the secondary treatment rehab project.
Final Clarifiers 1B, 2B, 3B, 4B, 5B, 6B, 7B and 8B are out of service for phase 1 of the secondary treatment rehab project.
On Page 3 the sludge removal from plant figures represent the solids removed this month from Phase 1 of the secondary treatment capital project. Amount reported in tons not cu.yds.

30 day flow-weighted avg(1)		Monthly			
Influent(mg/l)	Effluent(mg/l)	Minimum(1)	Maximum(1)	30 day Geo. Mean(1)	All sample analyses are performed by the Buffalo Sewer Authority Lab # 10132 unless otherwise noted
3.14	1.36	0.04	2.20	116	
779.95 lbs/day					

Effect on Receiving Stream

NAME OF RECEIVING STREAM			
DATE	STATION	PARAMETER	RESULT

Name and amount of chemicals used in treatment process

during month:		
a. NaOCl	76313	gals.
b. Polymer-thick.	180330	lbs.
c. Polymer-cond.	61584	lbs.
d.		lbs.
e.		lbs.
f.		lbs.

Amount of electrical power consumed:		
a. Commercial	4237657	kilowatt hours
b. Stand-by		kilowatt hours

Amount of fuel consumed:		
a. Natural Gas	94737000	cubic feet
b. Oil		gallons
c. Gasoline		gallons
d. Coal		tons
e. Digester Gas	13598242	cubic feet
f. Propane		gallons

Sludge removal from plant:

a. Amount	1510	cu.yds
b. Solid Content		%
c. Volatile Solids Content		%
d. Disposal Site		

Other Solid Wastes:		
a. Screenings	93860	lbs.
b. Grit	28300	lbs.
c. Ashes	511.87	tons
d.		
e.		
f.		
g. Disposal Site		

Digester Gas Wasted	1490970	cubic feet

Labor Expended:

POSITION NAME	NUMBER FULL TIME	NUMBER PART TIME	TOTAL HOURS

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a CLass A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative

BUFFALO SEWER AUTHORITY

SECONDARY TREATMENT BYPASS **July** **2025**

Report Date: 08/27/2025

Day	Date	Start Time	End Time	Duration, Hours	FLOWS, MG #001	CHLORINE RESIDUAL, mg/l MAX	Sample Time	FECAL COLIFORMS Col/ 100 mL	7Day G.M.	SET. SOLIDS mL/L	OIL & GREASE mg/L *	EVENT COMPOSITE BOD mg/L	SUSP. SOLIDS mg/L	AMM-ONIA as NH3 mg/L *	AMM-ONIA lbs/ day	NITRO-GEN TKN mg/L *	TOT. PHOS-PHATES mg/L
Tue	1	00:00	07:07	7.12	33	1.1	00:01 (Carry)				10.3	86	160	H 2.70	< 743	5.50	1.90
							01:00	790000		2.3							
							05:00	2300	200693	0.4							
Thu	3	06:46	14:07	7.35	24	0.1	09:46	5400000		0.1					650		
							09:46 (Comp.)				12.8	81	103	3.20		6.80	1.00
							13:46	170000	310343	0.3							
Sat	12	09:34	18:00	8.43	25	0.1	12:34	5400000		2.0					36		
							12:34 (Comp.)				5.5	116	137	0.17		11.00	2.80
							16:34	2400000	3600000	2.5							
Thu	17	16:25	22:12	5.78	8	0.1	19:25	16000000	5918909	0.1					752		
							19:25 (Comp.)				B	168	140	11.00		14.00	3.10
Sun	20	17:07	24:00	6.88	22	0.1	20:07	16000000	16000000	0.8					2389		
							20:07 (Comp.)				22.6	202	110	13.00		18.00	3.50
Mon	21	00:00	04:53	4.88	8		00:07	3500000		0.1							
							04:07	16000000	10942259	0.4							
Tue	22	00:57	05:55	4.97	21	0.1	03:57	16000000	11806185	0.1					2292		
							03:57 (Comp.)				38.1	210	120	13.00		17.00	3.90
Fri	25	16:36	21:37	5.02	20	0.3	19:26	16000000	11806185	0.3					1391		
							19:26 (Comp.)				10.9	158	242	8.40		12.00	3.60
Sun	27	06:01	16:52	10.85	44	0.4	09:01	5400000		0.3					1942		
							09:01 (Comp.)				8.2	85	61	5.30		7.60	1.90
							13:01	1300000	6820154	0.2							
Wed	30	09:27	24:00	14.55	22	0.1	12:27 (Comp.)				B	172	53	9.40	1741	16.00	2.60
							12:27	2400000		0.1							
							16:27	1700000		2.5							
							20:27	16000000	4407641	0.2							
Thu	31	00:00	21:53	21.88	56		00:01 (Carry)							9.40	4390		
							00:27	5400000		0.5							
							04:27	9200000		0.8							
							08:27	2400000		0.6							
							12:27	5400000		2.1							
							16:27	490000		0.2							
							20:27	1700000	3544506	0.4							

BUFFALO SEWER AUTHORITY

Report Date: 08/27/2025

SECONDARY TREATMENT BYPASS July 2025

Day Date	Start Time	End Time	Duration, Hours	FLOWS, MG #001	CHLORINE RESIDUAL, mg/l MAX	Sample Time	FECAL COLIFORMS Col./ 100 mL	7Day G.M.	SET. SOLIDS mL/L	OIL & GREASE mg/L *	EVENT COMPOSITE BOD mg/L	SUSP. SOLIDS mg/L	AMM-ONIA as NH3 mg/L *	lbs/ day	NITRO-GEN TKN mg/L *	TOT. PHOS-PHATES mg/L
TOTAL				284						108.4						
MAXIMA					1.1		16000000	16000000	2.5	38.1	210	242	13.00	4390	18.00	3.90
MINIMA																
AVERAGE							2801510 G.M.				142	125	7.56	1633	11.99	2.70
COUNT				11												

NOTE: A time of "00:00" stands for 12 Midnight.
G.M Geometric Mean
FWA Flow-Weighted Average
B Below Reporting Limit
N Not Detected

* HEM, TKN, and NH3 are analyzed by contract lab #10026

July 2025 — *WEATHER, FLOWS & TEMPERATURES*

DAY	DATE	PRECIPITATION RAIN INCHES	PRECIPITATION SNOW INCHES	FLOWS (MGD) SEWAGE RAW MAX	RAW AVG	RAW MIN	#001 (MG)	FE	TEMPERATURES AIR [F] MAX	AIR [F] MIN	AIR [F] AVG	SEWAGE [F] RAW	SEWAGE [F] FE
Tue	1	T	0	340	132	61	33	84	79	67	73	69	70
Wed	2	0	0	126	90	61		91	80	64	72	67	69
Thu	3	.07	0	238	106	51	24	75	81	61	71	67	69
Fri	4	0	0	103	78	66		72	79	55	67	67	69
Sat	5	0	0	107	77	63		76	86	61	74	69	70
Sun	6	0	0	109	76	61		76	90	72	81	70	72
Mon	7	.05	0	111	72	50		72	84	69	77	70	72
Tue	8	.05	0	109	75	61		76	74	65	70	70	72
Wed	9	T	0	101	74	53		73	79	63	71	70	72
Thu	10	T	0	122	78	52		73	85	66	76	70	72
Fri	11	0	0	119	76	41		76	87	67	77	70	72
Sat	12	.12	0	188	100	57	25	70	92	69	81	69	70
Sun	13	0	0	92	65	52		67	86	75	81	71	73
Mon	14	T	0	113	72	60		72	85	71	78	72	74
Tue	15	0	0	115	73	63		69	90	70	80	71	73
Wed	16	T	0	110	73	61		72	91	68	80	70	72
Thu	17	T	0	149	85	48	8	69	80	63	72	70	72
Fri	18	0	0	96	63	50		58	77	57	67	69	71
Sat	19	0	0	85	56	39		54	82	58	70	71	73
Sun	20	.01	0	220	92	48	22	60	83	65	74	73	75
Mon	21	0	0	91	62	44	8	55	73	58	66	69	71
Tue	22	0	0	124	72	48	21	55	79	53	66	72	74
Wed	23	0	0	92	69	50		66	88	59	74	70	72
Thu	24	.05	0	103	70	50		67	89	67	78	70	72
Fri	25	.12	0	240	103	60	20	79	82	73	78	73	75
Sat	26	T	0	94	67	52		68	88	70	79	74	76
Sun	27	.16	0	225	110	60	44	70	84	72	78	74	76
Mon	28	0	0	99	71	50		69	88	68	78	73	75
Tue	29	0	0	101	69	49		67	90	70	80	70	72
Wed	30	0	0	137	80	42	22	47	88	69	79	69	71
Thu	31	.19	0	221	109	43	56	46	72	58	65	72	74
TOTALS		0.82			2497		284	2126					
MAXIMA		0.19		340	132			91	92			74	76
MINIMA					56	39		46		53		67	69
AVERAGE		0.03			80.5			68.6			75	70	72
COUNT		9					11						

Laboratory analyses performed by NELAC accredited laboratory 10132 and/or 10026

12-MONTH FLOW AVG:	109	MGD
TOTAL ASH:	511.87	tons
POLYMER THICK.:	180330	lbs
POLYMER COND.:	61584	lbs
ELECTRICITY:	4237657	kwatts
SCREENINGS:	93860	lbs
DIG. GAS-METERED:	15089212	cu.ft.
USED:	13598242	cu.ft.
WASTED:	1490970	cu.ft.
LBS POLY/DT COND:	53	lbs
LBS POLY/DT THCK:	100	lbs

NOTES:

TERMS:
- *#001* Primary Treatment Discharge
- *RAW* Raw Sewage Influent
- *PFO* Primary Treatment Flow Out
- *ATI* Aeration Flow IN
- *FE* Plant Final Effluent
- *T* Trace
- *TS* Total Solids
- *TSS* Total Suspended Solids
- *VM* Volatile Matter
- *MGD* Million Gallons per Day

July 2025	pH (S.U.)						SETTLEABLE SOLIDS (mL/L)									
	RAW INFLUENT			FINAL EFFLUENT			RAW INFLUENT								FINAL EFFLUENT	
DAY DATE	MIN	MAX	AVER	MIN	MAX	AVER	1 A.M.	5 A.M.	9 A.M.	1 P.M.	5 P.M.	9 P.M.	MAX	AVER	MAX	AVER
Tue 1	6.9	7.1	7.0	7.2	7.4	7.3	3.9	3.5	3.0	3.6	0.2	0.1	3.9	2.4	<0.1	< 0.1
Wed 2	6.6	6.9	6.8	7.1	7.3	7.2	0.3	0.7	0.1	0.3	1.1	1.2	1.2	0.6	<0.1	< 0.1
Thu 3	6.7	7.1	6.9	7.1	7.3	7.2	0.2	0.4	3.5	0.7	2.0	1.5	3.5	1.4	0.1	< 0.1
Fri 4	6.6	7.0	6.7	7.2	7.3	7.3	1.0	2.8	1.1	1.4	1.0	1.9	2.8	1.5	<0.1	< 0.1
Sat 5	7.0	7.1	7.1	7.2	7.3	7.3	1.1	0.7	0.8	3.5	3.8	4.1	4.1	2.3	<0.1	< 0.1
Sun 6	6.9	7.2	7.1	7.2	7.3	7.3	4.1	3.9	3.6	2.8	1.7	2.3	4.1	3.1	<0.1	< 0.1
Mon 7	6.7	7.1	7.0	7.2	7.3	7.3	2.1	2.3	0.6	1.3	2.5	2.4	2.5	1.9	<0.1	< 0.1
Tue 8	6.6	7.0	6.9	7.1	7.3	7.2	2.6	2.4	1.1	2.7	4.6	4.8	4.8	3.0	<0.1	< 0.1
Wed 9	6.6	6.8	6.7	7.1	7.2	7.2	3.9	1.9	2.0	0.3	3.1	3.3	3.9	2.4	<0.1	< 0.1
Thu 10	6.5	7.0	6.8	7.1	7.2	7.2	2.0	3.1	3.1	2.6	1.3	0.6	3.1	2.1	<0.1	< 0.1
Fri 11	6.6	7.0	6.8	7.2	7.3	7.2	0.3	1.1	1.8	3.3	2.0	2.0	3.3	1.8	<0.1	< 0.1
Sat 12	6.7	7.0	6.8	7.2	7.3	7.2	2.0	2.5	5.5	10.4	5.0	4.1	10.4	4.9	<0.1	< 0.1
Sun 13	6.9	7.0	6.9	7.2	7.3	7.2	3.2	2.1	0.8	1.2	0.5	0.9	3.2	1.5	<0.1	< 0.1
Mon 14	6.4	7.1	6.9	7.1	7.4	7.2	0.3	0.6	0.4	0.8	1.2	1.0	1.2	0.7	<1.8	< 0.2
Tue 15	6.5	6.8	6.7	7.2	7.3	7.2	1.8	0.5	0.3	0.2	0.8	1.4	1.8	0.8	<0.1	< 0.1
Wed 16	6.6	7.1	6.8	7.1	7.2	7.2	1.4	0.4	1.1	2.8	2.6	0.8	2.8	1.5	<0.1	< 0.1
Thu 17	6.7	6.8	6.8	7.2	7.2	7.2	2.9	1.2	0.4	1.9	4.5	7.1	7.1	3.0	<0.1	< 0.1
Fri 18	6.7	6.8	6.7	7.2	7.3	7.3	4.5	3.8	0.2	0.4	0.6	0.6	4.5	1.7	<0.1	< 0.1
Sat 19	6.6	6.8	6.7	7.2	7.4	7.3	0.5	0.8	0.3	0.3	0.3	0.7	0.8	0.5	<0.1	< 0.1
Sun 20	6.5	6.8	6.7	7.2	7.2	7.2	0.3	0.3	0.8	1.5	1.8	4.8	4.8	1.6	<0.1	< 0.1
Mon 21	6.5	7.0	6.7	7.2	7.2	7.2	0.5	0.5	0.6	0.6	1.1	0.6	1.1	0.7	<0.1	< 0.1
Tue 22	6.5	6.7	6.6	7.2	7.3	7.2	0.3	3.2	0.7	0.8	0.4	0.4	3.2	1.0	<0.1	< 0.1
Wed 23	6.5	6.7	6.6	7.1	7.3	7.3	0.6	3.2	0.9	0.7	3.0	2.9	3.2	1.9	<0.1	< 0.1
Thu 24	6.4	6.9	6.7	7.2	7.3	7.3	0.9	2.1	1.8	2.0	1.5	0.7	2.1	1.5	<0.1	< 0.1
Fri 25	6.4	6.6	6.5	7.0	7.3	7.2	1.4	0.3	1.0	0.2	5.7	6.1	6.1	2.5	<0.1	< 0.1
Sat 26	6.4	6.9	6.7	7.1	7.2	7.2	3.1	2.8	1.7	2.5	2.6	3.1	3.1	2.6	<0.1	< 0.1
Sun 27	6.7	7.0	6.8	7.2	7.3	7.3	2.1	2.3	3.0	2.3	2.0	2.3	3.0	2.3	<3.0	< 0.3
Mon 28	6.6	6.9	6.8	7.1	7.3	7.2	1.2	1.6	0.1	0.1	2.1	2.5	2.5	1.3	<0.6	< 0.1
Tue 29	6.5	6.8	6.6	7.1	7.2	7.1	3.0	2.7	1.9	1.8	2.3	3.1	3.1	2.5	<0.1	< 0.1
Wed 30	6.4	6.7	6.5	7.1	7.3	7.2	2.1	0.8	0.9	1.2	2.1	1.9	2.1	1.5	2.0	< 0.3
Thu 31	6.6	6.8	6.7	7.0	7.2	7.1	2.4	2.5	4.1	8.1	3.2	1.8	8.1	3.7	<0.1	< 0.1
TOTALS																
MAXIMA		7.2	7.1		7.4	7.3	4.5	3.9	5.5	10.4	5.7	7.1	10.4	4.9	3.0	< 0.3
MINIMA	6.4		6.5	7.0		7.1								0.5		< 0.1
AVERAGES			6.8			7.2	1.8	1.8	1.5	2.0	2.1	2.3		1.9		< 0.1
COUNT							31	31	31	31	31	31		186		

BUFFALO SEWER AUTHORITY
MONTHLY LABORATORY DATA

July 2025		BIOCHEMICAL OXYGEN DEMAND								% REMOVAL		CBOD	
DAY	DATE	mG/L	7DAY AVG	RAW 1000#	ATI mG/L	FE mG/L	7DAY AVG	FE 1000#	7DAY 1000#	DAILY	7DAY AVG	FE mG/L	1000#
Tue	1	71		78.44	57	5.0		3.49		92.96			
Wed	2	112		84.31	74	4.9		3.73		95.63			
Thu	3	112		99.38	97	10.0		6.24		91.07		4.1	2.6
Fri	4	143		92.47	102	4.4		2.66		96.92			
Sat	5	95	113.86	61.36	92	6.1	6.47	3.86	4.14	93.58	94.32		
Sun	6	102		64.62	69	4.7		2.98		95.39			
Mon	7	91		54.43	74	7.1		4.25		92.20			
Tue	8	158		99.10	105	6.6		4.18		95.82			
Wed	9	152		94.04	112	16.0		9.80		89.47			
Thu	10	137		89.35	86	10.0		6.12		92.70		3.1	1.9
Fri	11	112		71.29	87	10.0		6.36		91.07			
Sat	12	127	125.57	105.64	107	14.0	9.77	8.17	5.98	88.98	92.22		
Sun	13	83		44.89	70	9.0		5.05		89.16			
Mon	14	127		76.10	104	10.0		6.00		92.13			
Tue	15	110		66.80	81	8.9		5.16		91.91			
Wed	16	142		86.81	104	15.0		8.95		89.44			
Thu	17	165		117.18	133	22.0		12.73		86.67		4.4	2.5
Fri	18	173		90.46	123	11.0		5.28		93.64			
Sat	19	118	131.14	54.96	90	9.0	12.13	4.05	6.75	92.37	90.75		
Sun	20	122		93.66	93	7.4		3.70		93.93			
Mon	21	233		121.25	176	14.0		6.41		93.99			
Tue	22	147		87.93	123	20.0		9.20		86.39			
Wed	23	178		101.93	140	32.0		17.70		82.02			
Thu	24	183		106.64	138	43.0		23.96		76.50			
Fri	25	218		188.13	106	40.0		26.40		81.65			
Sat	26	124	172.14	69.52	92	25.0	25.91	14.09	14.50	79.84	84.95		
Sun	27	114		104.75	93	38.0		22.33		66.67			
Mon	28	134		78.89	116	27.0		15.59		79.85			
Tue	29	136		78.45	108	34.0		19.06		75.00			
Wed	30	137		91.66	87	37.0		14.50		72.99			
Thu	31	110		100.42	73	20.0		7.60		81.82			
TOTALS				2754.8				289.61					
MAXIMA		233	172.14	188.1	176	43.0	25.91	26.40	14.50	96.92		4.4	2.6
MINIMA		71		44.9	57	4.4		2.66		66.67	84.95	3.1	1.9
AVERAGES		134		88.9	100	16.8		9.34		87.49		3.9	2.3
COUNT													

BUFFALO SEWER AUTHORITY
MONTHLY LABORATORY DATA

July 2025	SUSPENDED SOLIDS										TOTAL PHOSPHATES (as P)				
DAY DATE	RAW mG/L	7DAY AVG	RAW 1000#	PFO mG/L	ATI mG/L	FE mG/L	7DAY AVG	FE 1000#	7DAY AVG	% REMOVAL DAILY	AVG	RAW mG/L	RAW 1000#	FE mG/L	FE 1000#	% REM
Tue 1	118		130.4	61	78	7.0		4.9		94.1		1.8	1.99	0.81	0.57	71.53
Wed 2	64		48.2	60	57	6.8		5.2		89.4		2.6	1.96	1.30	0.99	49.46
Thu 3	84		74.5	44	107	6.4		4.0		92.4		2.5	2.22	0.40	0.25	88.74
Fri 4	66		42.7	46	53	7.0		4.2		89.4		3.2	2.07	1.30	0.79	62.04
Sat 5	92	119	59.4	67	86	8.2	6.9	5.2	4.48	91.1	93.3	2.8	1.81	0.91	0.58	68.18
Sun 6	103		65.2	52	67	3.8		2.4		96.3		3.6	2.28	1.80	1.14	49.91
Mon 7	92		55.0	45	72	3.4		2.0		96.3		2.8	1.67	2.50	1.49	10.75
Tue 8	99		62.1	60	73	4.6		2.9		95.4		3.2	2.01	1.50	0.95	52.63
Wed 9	122		75.5	80	99	5.8		3.6		95.2		3.4	2.10	1.60	0.98	53.39
Thu 10	163		106.3	93	86	10.6		6.5		93.5		3.4	2.22	0.30	0.18	91.71
Fri 11	92		58.6	62	77	5.6		3.6		93.9		3.1	1.97	0.32	0.20	89.69
Sat 12	174	121	144.7	59	147	12.0	6.5	7.0	3.99	93.1	95.2	3.2	2.66	0.60	0.35	86.85
Sun 13	79		42.7	67	94	16.0		9.0		79.7		2.2	1.19	0.78	0.44	63.25
Mon 14	93		55.7	91	101	19.0		11.4		79.6		3.0	1.80	1.40	0.84	53.26
Tue 15	78		47.4	40	94	6.6		3.8		91.5		3.1	1.88	1.20	0.70	63.07
Wed 16	87		53.2	67	96	22.0		13.1		74.7		3.4	2.08	0.81	0.48	76.74
Thu 17	172		122.2	66	92	12.0		6.9		93.0		4.0	2.84	0.80	0.46	83.70
Fri 18	124		64.8	73	113	12.0		5.8		90.3		3.6	1.88	0.50	0.24	87.25
Sat 19	46	97	21.4	48	65	11.0	14.1	5.0	7.86	76.1	84.0	2.6	1.21	0.55	0.25	79.54
Sun 20	69		53.0	37	51	5.8		2.9		91.6		2.9	2.23	0.60	0.30	86.51
Mon 21	162		84.3	57	181	15.0		6.9		90.7		3.8	1.98	1.60	0.73	62.96
Tue 22	112		67.0	66	88	12.0		5.5		89.3		3.5	2.09	1.40	0.64	69.24
Wed 23	125		71.6	78	92	12.0		6.6		90.4		3.8	2.18	1.80	1.00	54.24
Thu 24	100		58.3	72	102	11.0		6.1		89.0		3.3	1.92	4.10	2.28	-18.82
Fri 25	197		170.0	63	129	13.0		8.6		93.4		3.8	3.28	2.40	1.58	51.69
Sat 26	101	124	56.6	50	93	10.0	11.3	5.6	6.04	90.1	91.9	2.9	1.63	1.00	0.56	65.34
Sun 27	157		144.3	57	142	19.0		11.2		87.9		3.2	2.94	0.75	0.44	85.01
Mon 28	121		71.2	54	87	13.0		7.5		89.3		2.8	1.65	0.86	0.50	69.88
Tue 29	101		58.3	52	116	14.0		7.9		86.1		3.3	1.90	5.40	3.03	-59.06
Wed 30	77		51.5	60	103	23.0		9.0		70.1		3.7	2.48	2.80	1.10	55.67
Thu 31	185		168.9		167	10.0		3.8		94.6		2.7	2.46	0.35	0.13	94.61
TOTALS			2385.0					188.0					64.58		24.18	
MAXIMA	197	124	170.0	93	181	23.0	14.1	13.1	7.86	96.3		4.0	3.28	5.40	3.03	94.61
MINIMA	46		21.4	37	51	3.4		2.0		70.1	84.0	1.8	1.19	0.30	0.13	-59.06
AVERAGES	111		76.93	61	97	10.9		6.1		90.2		3.1	2.08	1.37	0.78	56.34
COUNT																

AVG. RAWLBS/CAP: 0.22

BUFFALO SEWER AUTHORITY
MONTHLY LABORATORY DATA

July 2025	DISINFECTION				COLIFORMS - Colonies/100ml					
	CHLORINE RESID. (mG/L)			NaOCl		FE FECAL				
DAY DATE	HOURLY MIN	HOURLY MAX	DAILY AVG	gal/d	RAW DAILY G.M.	6 AM	10 AM	2 PM	DAILY G.M.	WEEKLY G.M.
Tue 1	0.56	1.06	0.87	3786		59	45	20	38	
Wed 2	0.66	1.41	0.98	1378	24.00	18	110	20	34	
Thu 3	0.70	1.40	0.99	2098		18	790	18	63	
Fri 4	0.73	1.40	1.00	2582		78	18		37	
Sat 5	0.54	1.15	0.77	2404		490	330		402	76.34
Sun 6	0.69	1.10	0.93	2635		40			40	
Mon 7	0.65	1.26	0.95	2497		18	340	78	78	
Tue 8	0.88	1.10	0.95	1814		18	130	790	123	
Wed 9	0.70	1.02	0.91	2034		68	18	45	38	
Thu 10	0.57	1.10	0.92	2577		18	140	18	36	
Fri 11	0.11	1.19	0.92	2350		40	78	20	40	
Sat 12	0.67	1.06	0.88	2731		130	18		48	53.50
Sun 13	0.63	1.13	0.81	3342		170			170	
Mon 14	0.70	1.23	0.97	4368		170	170	78	131	
Tue 15	0.63	1.50	0.87	1991		19	700	460	183	
Wed 16	0.60	0.96	0.78	2073		18	45	330	64	
Thu 17	0.45	1.10	0.92	2283		330	45	20	67	
Fri 18	0.72	1.22	0.91	2885		1300	45	18	102	
Sat 19	0.04	1.20	0.80	2875		45	20		30	90.81
Sun 20	0.30	1.32	0.70	1720		210			210	
Mon 21	0.45	1.25	0.88	2259		220	20	110	79	
Tue 22	0.67	1.20	0.94	2046		19	45	20	26	
Wed 23	0.55	1.22	0.91	2399		2300	110	18	166	
Thu 24	0.75	1.16	0.94	2379		78	1300	170	258	
Fri 25	0.52	1.16	0.91	2309		2300	68	68	220	
Sat 26	0.61	1.09	0.88	2212		700	93		255	128.75
Sun 27	0.56	0.91	0.72	2183		170			170	
Mon 28	0.80	1.15	0.95	2532		170	130	490	221	
Tue 29	0.69	1.20	0.89	2503		130	2755	4900	1206	
Wed 30	0.35	1.30	0.77	2967		1700	16000	1300	3282	
Thu 31	0.21	2.20	0.80	2101		940	170	3500	824	
TOTALS				76313						
MAXIMA		2.20	1.00	4368	24.00	2300	16000	4900	3282	128.75
MINIMA	0.04		0.70	1378	24.00	18	18	18	26	53.50
AVERAGES			0.88	2462	24.00 G.M.				116 G.M.	
COUNT						31	27	22		

G.M. Geometric Mean

(Raw values are in million colonies/100ml total coliforms.)
(Effluent Coliforms are in colonies/100ml.)

July 2025	SLUDGE INVENTORY			PRIMARY REMOVAL															
				GRIT				PRIMARY SLUDGE					THICKENED RAW SLUDGE						
DAY DATE	A	B	TOTAL 1000#	TS %	VM %	WET SOLIDS 1000#	DS 1000#	1000G	TS %	1000#	VM %	pH	FLOW 1000G	TS %	TS 1000#	VM %	VM 1000#		
Tue 1	875	0	875	92.6	2.7			1007.8	0.50	42.03	55.4	6.4							
Wed 2	903	0	903	90.3	4.3			1016.2	0.20	16.95	49.1	6.5							
Thu 3	874	0	874	83.1	8.6			885.8	0.20	14.78	56.5	6.6							
Fri 4	860	0	860	88.6	6.6			805.8	0.50	33.60	66.0	6.2							
Sat 5	851	0	851					837.4	0.40	27.93	69.3	5.9							
Sun 6	863	0	863	85.5	11.1			844.3	0.40	28.17	75.9	6.5							
Mon 7	870	0	870	80.3	14.3			803.3	0.30	20.10	72.1	6.5							
Tue 8	893	0	893	78.1	16.4			1009.6	0.60	50.52	71.4	5.7							
Wed 9	876	0	876	83.2	9.7			1173.8	0.10	9.79	65.4	6.3							
Thu 10	848	0	848	87.4	5.8			1184.1	0.10	9.88	75.8	6.8							
Fri 11	814	0	814	81.1	9.1			909.3	0.30	22.75	69.9	6.2							
Sat 12	750	0	750					829.8	0.70	48.44	66.9	5.7							
Sun 13	706	0	706	76.7	22.0			695.3	0.20	11.60	57.3	6.7							
Mon 14	678	0	678	84.8	11.7			738.9	0.30	18.49	66.4	6.2							
Tue 15	665	0	665	93.5	9.4			745.0	0.10	6.21	56.6	6.7							
Wed 16	633	0	633	90.3	4.5			738.2	0.20	12.31	66.0	6.5							
Thu 17	620	0	620	70.0	19.7			737.2	1.00	61.48	75.3	5.8							
Fri 18	603	0	603	83.3	2.4			747.9	1.60	99.80	76.2	6.9							
Sat 19	548	0	548					754.1	0.40	25.16	70.6	5.7							
Sun 20	550	0	550	78.2	13.2			804.1	0.10	6.71	52.4	6.8							
Mon 21	559	0	559	79.6	16.2			811.1	0.70	47.35	68.0	5.8							
Tue 22	571	0	571	83.2	14.3			808.1	0.60	40.44	68.3	6.3							
Wed 23	558	0	558	92.0	11.7			807.2	0.30	20.20	71.6	6.3							
Thu 24	539	0	539	93.0	10.9			814.6	0.10	6.79	57.4	6.5							
Fri 25	514	0	514	80.1	12.9			820.9	0.20	13.69	64.2	6.5							
Sat 26	514	0	514					827.8	0.90	62.13	56.3	6.0							
Sun 27	485	0	485	78.1	15.9			1070.9	0.30	26.79	58.9	6.9							
Mon 28	470	0	470					1229.6	0.10	10.25	41.2	7.0							
Tue 29	472	0	472	91.2	4.0			1240.0	1.60	165.47	66.0	5.4							
Wed 30	495	0	495	89.6	4.6			821.0	0.10	6.85	66.0	6.6							
Thu 31	493	0	493	87.2	5.4			940.0	0.10	7.84	50.8	7.1							
TOTALS	20951	0	20951					27459.3		974.51									
MAXIMA	903	0	903	93.5	22.0			1240.0	1.6	165.47	76.2	7.1							
MINIMA	470	0	470	70.0	2.4			695.3	0.1	6.21	41.2	5.4							
AVERAGES	676	0	676	84.7	10.3			885.8	0.4	31.44	64.0	6.4							
COUNT																			

CF/MG: 11.3 *GRIT:* 28300 LBS.

July 2025	THICKENERS																
	THICKENER FEED			THICKENED SLUDGE										THICKENERS TOTAL		SUBN.
							To Mix Tanks		To Digesters		Total					
DAY DATE	FLOW 1000G	TSS mG/L	TSS 1000#	TS %	VM %	pH	FLOW 1000G	TS 1000#	FLOW 1000G	TS 1000#	FLOW 1000G	TS 1000#	VM 1000#	TS 1000#	VM 1000#	TSS mG/L
Tue 1	2438	5324	108.2	12.1	51.9				191.7	193.5	191.8	193.5	100.4	193.5	100.4	61
Wed 2	1330	4758	52.8	10.1	52.0				191.7	161.5	191.8	161.5	84.0	161.5	84.0	53
Thu 3	1626	9998	135.6	5.6	66.2				187.0	87.3	187.0	87.3	57.8	87.3	57.8	4
Fri 4	1795	17040	255.1	5.5	68.4				344.5	158.0	344.5	158.0	108.1	158.0	108.1	40
Sat 5	1835	12542	191.9	5.5	68.0				344.5	158.0	344.5	158.0	107.4	158.0	107.4	181
Sun 6	1932	13680	220.4	5.1	68.3				332.0	141.2	332.0	141.2	96.5	141.2	96.5	160
Mon 7	1900	10934	173.3	5.1	69.0				332.0	141.2	332.0	141.2	97.4	141.2	97.4	128
Tue 8	2107	14024	246.5	5.6	70.4				326.5	152.5	326.5	152.5	107.3	152.5	107.3	23
Wed 9	2343	5192	101.4	5.6	72.4				326.5	152.5	326.5	152.5	110.4	152.5	110.4	4
Thu 10	2470	9226	190.1	6.5	45.3				358.7	194.4	358.7	194.4	88.1	194.4	88.1	36
Fri 11	2281	3634	69.1	5.3	72.2				391.7	173.1	391.7	173.1	125.0	173.1	125.0	56
Sat 12	2314	4878	94.1	5.4	71.7				391.7	176.4	391.7	176.4	126.5	176.4	126.5	52
Sun 13	2192	4642	84.9	5.5	71.8				379.1	173.9	379.1	173.9	124.9	173.9	124.9	26
Mon 14	2083	3812	66.2	5.3	71.1				318.0	140.6	318.0	140.6	99.9	140.6	99.9	16
Tue 15	2031	3174	53.8	5.0	73.6				276.5	115.3	276.5	115.3	84.8	115.3	84.8	36
Wed 16	2035	4402	74.7	5.2	73.4				307.0	133.1	307.0	133.1	97.7	133.1	97.7	4
Thu 17	2034	5580	94.7	5.3	73.3				307.0	135.7	307.0	135.7	99.5	135.7	99.5	124
Fri 18	2045	6158	105.0	5.9	74.1				278.4	137.0	278.4	137.0	101.5	137.0	101.5	4
Sat 19	1545	4168	53.7	5.0	73.4				209.9	87.5	209.9	87.5	64.2	87.5	64.2	5
Sun 20	1602	2558	34.2	4.8	73.3				160.0	64.1	160.0	64.1	47.0	64.1	47.0	2
Mon 21	1688	6650	93.6	5.8	69.4				189.8	91.8	189.8	91.8	63.7	91.8	63.7	13
Tue 22	2002	9328	155.8	5.4	72.2				279.9	126.0	279.9	126.0	91.0	126.0	91.0	8
Wed 23	2093	8500	148.4	5.0	70.3				309.7	129.1	309.7	129.1	90.8	129.1	90.8	16
Thu 24	2204	2272	41.8	5.4	76.7				309.7	139.5	309.7	139.5	107.0	139.5	107.0	16
Fri 25	2305	5294	101.8	5.2	74.9				307.9	133.5	307.9	133.5	100.0	133.5	100.0	39
Sat 26	2324	5142	99.7	6.1	68.8				318.0	161.8	318.0	161.8	111.3	161.8	111.3	45
Sun 27	2258	9090	171.2	5.6	70.9				318.0	148.5	318.0	148.5	105.3	148.5	105.3	3
Mon 28	2028	3154	53.3	6.4	65.4				206.4	110.2	206.4	110.2	72.1	110.2	72.1	166
Tue 29	2038	5650	96.0	5.9	64.6				206.4	101.6	206.4	101.6	65.6	101.6	65.6	70
Wed 30	1941	5344	86.5	5.1	71.4				233.8	99.4	233.8	99.4	71.0	99.4	71.0	21
Thu 31	2225	8072	149.8	5.2	70.9				291.8	126.5	291.8	126.5	89.7	126.5	89.7	2
TOTALS	63045		3603.6				0.1	0.1	8926	4244.8	8926	4244.9	2895.9	4244.9	2895.9	
MAXIMA	2470	17040	255.1	12.1	76.7			0.0	391.7	194.4	391.7	194.4	126.5	194.4	126.5	181
MINIMA	1330	2272	34.2	4.8	45.3			0.0	160.0	64.1	160.0	64.1	47.0	64.1	47.0	2
AVERAGES	2034	6910	116.2	5.8	68.9	0.0		0.0	287.9	136.9	287.9	136.9	93.4	136.9	93.4	46
COUNT																

Thickener Feed Flow is the Total of WAS (A & B Batteries), scum and raw sludge.

Terms: Subn. Thickener Subnatent

July 2025	DIGESTER CONTENTS																													
	#1							#2							#3							#4							
DAY DATE	TS %	VM %	pH	ALK mG/L	VA mG/L	VA/ ALK	SLDG TEMP	TS %	VM %	pH	ALK mG/L	VA mG/L	VA/ ALK	SLDG TEMP	TS %	VM %	pH	ALK mG/L	VA mG/L	VA/ ALK	SLDG TEMP	TS %	VM %	pH	ALK mG/L	VA mG/L	VA/ ALK	SLDG TEMP		
Tue 1	3.7	53.3	7.6	6020	690	0.115	97	3.7	53.1	7.6	6230	660	0.106	99	3.8	53.3	7.5	6090	645	0.106	100							99		
Wed 2							98							99							101							100		
Thu 3							99							100							102	3.8	51.4	7.5	6240	810	0.130	100		
Fri 4							99							100							102							100		
Sat 5							99							100							103							100		
Sun 6							100							101							104							100		
Mon 7							100							100							104							99		
Tue 8	3.7	53.0	7.5	6030	705	0.117	100	3.7	52.6	7.6	6220	540	0.087	100	3.9	53.4	7.6	6100	660	0.108	104							99		
Wed 9							100							100							102							98		
Thu 10							100							99							101	3.9	53.7	7.4	5980	585	0.098	98		
Fri 11							100							99							100							97		
Sat 12							99							99							100							97		
Sun 13							99							99							99							97		
Mon 14							99							99							99							99		
Tue 15	3.8	54.4	7.5	5970	690	0.116	99	3.8	54.5	7.5	6180	720	0.117	100	3.9	54.8	7.5	5830	660	0.113	98							100		
Wed 16							99							100							98							100		
Thu 17							98							99							97	3.8	55.5	7.4	5820	690	0.119	100		
Fri 18							98							99							97							100		
Sat 19							98							100							97							100		
Sun 20							99							100							96							100		
Mon 21							98							100							96							100		
Tue 22	3.6	54.6	7.6	5880	705	0.120	99	3.6	53.3	7.6	6170	735	0.119	100	3.7	55.4	7.5	5930	630	0.106	96							100		
Wed 23							99							100							96							100		
Thu 24							99							100							95	3.9	54.1	7.6	6010	735	0.122	99		
Fri 25							98							100							95							99		
Sat 26							98							100							95							99		
Sun 27							98							100							95							99		
Mon 28							98							100							95							99		
Tue 29	3.6	54.6	7.5	5840	615	0.105	99	3.6	54.2	7.6	6010	615	0.102	101	3.7	55.3	7.4	5820	660	0.113	95							99		
Wed 30							99							101							95							100		
Thu 31							98							100							94	3.7	55.5	7.5	5890	630	0.107	99		
TOTALS																														
MAXIMA	3.8	54.6	7.6	6030	705	0.120	100	3.8	54.5	7.6	6230	735	0.119	101	3.9	55.4	7.6	6100	660	0.113	104	3.9	55.5	7.6	6240	810	0.130	100		
MINIMA	3.6	53.0	7.5	5840	615	0.105	97	3.6	52.6	7.5	6010	540	0.087	99	3.7	53.3	7.4	5820	630	0.106	94	3.7	51.4	7.4	5820	585	0.098	97		
AVERAGES	3.7	54.0	7.5	5948	681	0.114	99	3.7	53.5	7.6	6162	654	0.106	100	3.8	54.4	7.5	5954	651	0.109	98	3.8	54.0	7.5	5988	690	0.115	99		
COUNT																														

TERMS: ALK Alkalinity (as Calcium Carbonate)
V.A. Volatile Acids

BUFFALO SEWER AUTHORITY
MONTHLY LABORATORY DATA

July 2025	DIGESTER CONTENTS														DIGESTERS COMBINED OUTFLOW (DFO)				
	#5							#6											
DAY DATE	TS %	VM %	pH	ALK mG/L	VA mG/L	VA/ ALK	SLDG TEMP	TS %	VM %	pH	ALK mG/L	VA mG/L	VA/ ALK	SLDG TEMP	TS %	VM %	FLOW 1000G	TS 1000#	VM 1000#
Tue 1							96								5.1	42.0	192.8	82.01	34.44
Wed 2							98								3.6	52.2	209.6	62.93	32.85
Thu 3	3.6	54.3	7.5	5900	570	0.097	99								4.0	49.8	243.2	81.12	40.40
Fri 4							101								4.1	48.4	247.1	84.48	40.89
Sat 5							103								3.8	52.5	247.1	78.30	41.10
Sun 6							103								3.9	52.0	240.1	78.11	40.61
Mon 7							103								3.6	53.1	242.3	72.75	38.63
Tue 8							102								3.9	50.3	247.0	80.33	40.41
Wed 9							100								3.3	52.6	255.4	70.29	36.97
Thu 10	3.8	56.7	7.4	5780	585	0.101	100								4.1	50.2	255.4	87.32	43.84
Fri 11							98								3.9	53.4	239.8	78.00	41.65
Sat 12							96								3.9	53.9	235.8	76.68	41.33
Sun 13							97								3.8	55.0	235.8	74.71	41.09
Mon 14							96								3.4	55.6	235.2	66.68	37.08
Tue 15							96								3.6	54.3	181.3	54.42	29.55
Wed 16							95								3.7	54.8	190.4	58.75	32.20
Thu 17	3.8	57.4	7.4	5460	630	0.115	93								3.6	54.0	230.4	69.16	37.35
Fri 18							92								3.6	54.4	230.4	69.16	37.63
Sat 19							93								4.6	45.6	225.4	86.46	39.43
Sun 20							93								3.6	54.4	225.9	67.82	36.89
Mon 21							93								3.6	55.6	228.0	68.47	38.07
Tue 22							90								3.6	55.0	241.7	72.57	39.91
Wed 23							89								3.5	54.8	241.7	70.55	38.66
Thu 24	3.6	57.1	7.4	5510	750	0.136	92								3.4	56.6	123.4	34.98	19.80
Fri 25							91								3.6	54.9	170.6	51.22	28.12
Sat 26							90								4.1	54.4	170.6	58.34	31.73
Sun 27							89								3.6	55.4	169.9	51.00	28.26
Mon 28							89								5.3	39.5	282.4	124.80	49.30
Tue 29							90								3.8	49.3	282.4	89.48	44.11
Wed 30							94								3.7	53.9	235.2	72.56	39.11
Thu 31	3.6	58.2	7.4	5600	630	0.113	91								3.7	55.1	240.1	74.09	40.82
TOTALS																	6995.8	2247.56	1162.23
MAXIMA	3.8	58.2	7.5	5900	750	0.136	103								5.3	56.6	282.4	124.80	49.30
MINIMA	3.6	54.3	7.4	5460	570	0.097	89								3.3	39.5	123.4	34.98	19.80
AVERAGES	3.7	56.7	7.4	5650	633	0.112	95				0	0		0	3.8	52.4	225.7	72.50	37.49
COUNT																			

TERMS: *ALK* *Alkalinity (as Calcium Carbonate)*
VA *Volatile Acids*

BUFFALO SEWER AUTHORITY
MONTHLY LABORATORY DATA

July 2025	ACTIVATED SLUDGE PROCESS											SLUDGE FILTRATION								
	MIXED LIQUORS		RETURNED (RAS)			WASTED (WAS)						FFI						CFI		
DAY DATE	A Battery MLSS mG/L	SVI	B Battery MLSS mG/L	SVI	A Battery TSS mG/L	VM %	B Battery TSS mG/L	VM %	A Battery FLOW MGD	TSS 1000#	B Battery FLOW MGD	TSS 1000#	TOTAL TSS 1000#	TS %	VM %	pH	FLOW 1000G	TS 1000#	VM 1000#	FLOW 1000G	TS 1000#	VM 1000#
Tue 1	2972	125			10724	68.8			1.24	110.61	0.19		110.6	3.6	54.1	7.7				257	77.2	41.8
Wed 2	3490	100			11088	68.1			0.31	29.05	0.00		29.1	3.5	52.2	7.7				257	75.1	39.2
Thu 3	3080	131			10898	68.9			0.74	67.30	0.00		67.3	3.6	52.1	8.1				288	86.5	45.1
Fri 4	3524	125			11040	72.8			0.99	91.08	0.00		91.1	3.6	51.7	7.8				288	86.4	44.7
Sat 5	3551	128			11022	71.9			1.00	91.70	0.00		91.7	3.7	51.8	7.7				270	83.2	43.1
Sun 6	3358	123			11138	72.9			1.09	101.04	0.00		101.0	3.6	51.9	7.7				288	86.4	44.9
Mon 7	4191	102			11332	73.0			1.10	103.67	0.00		103.7	3.7	52.6	7.7				291	89.8	47.2
Tue 8	4000	105			10714	72.2			1.10	98.06	0.00		98.1	3.6	52.6	7.7				292	87.7	46.1
Wed 9	3536	124			9018	71.3			1.17	87.89	0.00		87.9	3.6	52.9	7.6				302	90.8	48.0
Thu 10	3217	117			9660	75.4			1.29	103.61	0.00		103.6	3.5	53.6	7.6				289	84.2	45.2
Fri 11	2535	135			9138	74.1			1.37	104.54	0.00		104.5	3.6	53.8	7.7				237	71.2	38.3
Sat 12	2423	120			7506	71.4			1.48	92.89	0.00		92.9	3.5	53.7	7.6				288	84.1	45.1
Sun 13	2513	125			10958	77.0			1.50	136.75	0.00		136.8	3.6	54.5	7.6				287	86.2	47.0
Mon 14	2949	99			8968	75.9			1.34	100.50	0.00		100.5	3.6	54.4	7.6				227	68.0	37.0
Tue 15	2801	106			8116	73.8	8116	73.8	1.29	87.01	0.00	0.01	87.0	3.6	54.8	7.6				220	65.9	36.1
Wed 16	2098	111			7816	77.5			1.30	84.50	0.00		84.5	3.6	54.8	7.6				244	73.2	40.1
Thu 17	2216	162			7300	79.8			1.30	78.96	0.00		79.0	3.6	53.4	7.7				294	88.3	47.2
Fri 18	2651	248			6970	76.5			1.30	75.39	0.00		75.4	3.6	56.2	7.7				120	36.0	20.2
Sat 19	1669	438			6640	78.9			0.79	43.82	0.00		43.8	3.5	54.6	7.7				286	83.5	45.6
Sun 20	2672	200			7274	78.6			0.80	48.41	0.00		48.4	3.5	54.5	7.7				286	83.4	45.4
Mon 21	2301	331			7020	77.7			0.88	51.36	0.00		51.4	3.5	55.5	7.6				285	83.2	46.2
Tue 22	2830	295			6882	79.9			1.19	68.54	0.00		68.5	3.5	54.4	7.7				302	88.2	48.0
Wed 23	2498	241			6896	78.1			1.29	73.93	0.00		73.9	3.3	53.9	7.6				94	25.9	14.0
Thu 24	2416	243			7066	83.2			1.39	81.89	0.00		81.9	3.4	55.8	7.6				274	77.6	43.3
Fri 25	1848	213			10200	84.7			1.48	126.24	0.00		126.2	3.5	56.1	7.6				233	67.9	38.1
Sat 26	2931	225			7164	63.8			1.50	89.41	0.00		89.4	3.2	54.7	7.6				256	68.2	37.3
Sun 27	2003	234			7566	74.1			1.19	74.88	0.00		74.9	3.4	55.9	7.5				283	80.3	44.9
Mon 28	2305	306			7692	72.4			0.80	51.18	0.00		51.2	3.4	55.2	7.5				251	71.2	39.3
Tue 29	2547	208			7624	76.0			0.80	50.73	0.00		50.7	3.3	52.0	8.0				47	12.8	6.7
Wed 30	1572	529			6868	73.9			1.12	64.15	0.00		64.1	3.4	55.9	7.8				293	83.2	46.5
Thu 31	2953	304			7756	72.3			1.29	83.14	0.00		83.1	3.4	54.7	7.7				298	84.6	46.3
TOTALS									35.4	2552.2	0.2		2552								2330.4	1257.8
MAXIMA	4191	529			11332	84.7	8116	73.8	1.50	136.8	0.19		136.8	3.7	56.2	8.1				302	90.8	48.0
MINIMA	1572	99			6640	63.8	8116	73.8	0.31	29.05	0.00	0.01	29.1	3.2	51.7	7.5				47	12.8	6.7
AVERAGES	2763	195	0	0	8711	74.7	8116	73.8	1.1	82.3	0.0		82.3	3.5	54.0	7.7				256	75.2	40.6
COUNT																						

TERMS:
MLSS Mixed Liquor Suspended Solids
SVI Sludge Volume Index
FFI Sludge Flow to Filter Presses

July 2025 DAY DATE	SLUDGE CAKE SOLIDS													FFO	ASH	
	BELT #1 WET CAKE 1000#	TS %	TS 1000#	VM %	VM 1000#	BELT #2 WET CAKE 1000#	TS %	TS 1000#	VM %	VM 1000#	TOTALS WET CAKE 1000#	TS 1000#	VM 1000#	CEN-TRATE	TS %	VM %	TONS
Tue 1	0.0					164.6	23.4	38.52	53.2	20.49	164.6	38.5	20.49	0.2		0.5	9.0
Wed 2	0.0					160.6	23.3	37.43	52.4	19.61	160.6	37.4	19.61	0.2		0.3	8.9
Thu 3	0.3					205.1	22.3	45.75	51.8	23.70	205.5	45.7	23.70	0.1		0.3	11.0
Fri 4	0.0					225.6	22.8	51.43	51.8	26.64	225.6	51.4	26.64	0.2		0.3	12.4
Sat 5	0.0					197.1	25.4	50.06	52.3	26.18	197.1	50.1	26.18	0.1		0.2	11.9
Sun 6	0.0					254.9	23.7	60.42	52.0	31.42	254.9	60.4	31.42	0.2		0.2	14.5
Mon 7	0.0					259.7	22.5	58.43	52.8	30.85	259.7	58.4	30.85	0.2		0.4	13.8
Tue 8	0.0					267.3	22.8	60.94	53.2	32.42	267.3	60.9	32.42	0.2		0.3	14.3
Wed 9	0.0					285.2	22.7	64.74	53.2	34.44	285.2	64.7	34.44	0.2		0.5	15.1
Thu 10	0.0					283.3	23.1	65.43	53.8	35.20	283.3	65.4	35.20	0.1		0.2	15.1
Fri 11	0.0					234.5	23.5	55.10	53.4	29.42	234.5	55.1	29.42	0.2		0.2	12.8
Sat 12	0.0					292.4	22.6	66.07	54.3	35.88	292.4	66.1	35.88	0.2		0.1	15.1
Sun 13	0.0					279.4	22.7	63.43	54.5	34.57	279.4	63.4	34.57	0.2		0.3	14.4
Mon 14	0.3					198.0	22.8	45.14	54.4	24.56	198.3	45.1	24.56	0.2		0.2	10.3
Tue 15	0.0					169.6	21.8	36.97	54.8	20.26	169.6	37.0	20.26	0.2		0.3	8.4
Wed 16	0.0					147.9	22.5	33.28	54.6	18.17	147.9	33.3	18.17	0.2		0.3	7.6
Thu 17	0.0					208.7	21.6	45.07	55.1	24.84	208.7	45.1	24.84	0.2		0.2	10.1
Fri 18	0.0					74.4	22.1	16.44	54.9	9.03	74.4	16.4	9.03	0.2		0.1	3.7
Sat 19	0.0					209.2	22.2	46.44	54.8	25.45	209.2	46.4	25.45	0.2		0.2	10.5
Sun 20	0.0					205.1	21.9	44.91	55.3	24.84	205.1	44.9	24.84	0.2		0.2	10.0
Mon 21	0.0					195.2	23.0	44.90	55.2	24.78	195.2	44.9	24.78	0.2		0.2	10.1
Tue 22	0.0					210.3	22.3	46.90	55.6	26.08	210.3	46.9	26.08	0.2		0.2	10.4
Wed 23	0.0					49.0	23.6	11.57	55.6	6.43	49.0	11.6	6.43	0.2		0.2	2.6
Thu 24	0.0					179.7	21.7	38.99	56.4	21.99	179.7	39.0	21.99	0.2		0.2	8.5
Fri 25	0.0					150.3	22.8	34.27	56.2	19.26	150.3	34.3	19.26	0.2		0.3	7.5
Sat 26	0.0					173.9	23.1	40.18	57.3	23.02	173.9	40.2	23.02	0.2		0.2	8.6
Sun 27	0.0					207.2	22.2	45.99	57.0	26.21	207.2	46.0	26.21	0.2		0.2	9.9
Mon 28	0.0					181.5	22.9	41.57	55.4	23.03	181.5	41.6	23.03	0.2		0.1	9.3
Tue 29	0.0					29.2	24.0	7.01	55.2	3.87	29.2	7.0	3.87	0.2		0.2	1.6
Wed 30	0.0					199.8	22.0	43.95	55.3	24.30	199.8	43.9	24.30	0.2		0.2	9.8
Thu 31	0.0					240.3	22.4	53.83	55.1	29.66	240.3	53.8	29.66	0.2		0.3	12.1
TOTALS	0.6		0.0		0.0	6139.0		1395.17		756.61	6140	1395	757				319.3
MAXIMA	0.3					292.4	25.4	66.07	57.3	35.88	292.4	66.1	35.9	0.2		0.5	15.1
MINIMA	0.0					29.2	21.6	7.012	51.8	3.87	29.2	7.0	3.9	0.1		0.1	1.6
AVERAGES	0.0					198.0	22.8	45.01	54.4	24.41	198.1	45.0	24.4	0.2	0.0	0.2	10.3
COUNT																	

TERMS: FFO Filter Press Filtrate

BUFFALO SEWER AUTHORITY July 2025

MONTHLY FUEL COST ANALYSIS

July 2025

FUEL COST/MCF = 3.17

DAY	DATE	TOTAL WET TONS BURNED	SLUDGE ANALYSIS TS	SLUDGE ANALYSIS VM	M/V RATIO	NO. 1 INCINERATOR GAS USAGE	NO. 1 INCINERATOR WET TONS BURNED	NO. 1 INCINERATOR COST/ WET TON	NO. 2 INCINERATOR GAS USAGE	NO. 2 INCINERATOR WET TONS BURNED	NO. 2 INCINERATOR COST/ WET TON	NO. 3 INCINERATOR GAS USAGE	NO. 3 INCINERATOR WET TONS BURNED	NO. 3 INCINERATOR COST/ WET TON
Tue	1	82.31	23.40	53.20	6.15				254974	82.31	9.82	1042		
Wed	2	80.32	23.30	52.40	6.28				296398	80.32	11.70	1081		
Thu	3	102.73	22.30	51.80	6.73				299633	102.73	9.25	1085		
Fri	4	112.79	22.80	51.80	6.54				273069	112.79	7.67	2571		
Sat	5	98.54	25.40	52.30	5.62				238762	98.54	7.68	1125		
Sun	6	127.46	23.70	52.00	6.19				257488	127.46	6.40	1304		
Mon	7	129.85	22.50	52.80	6.52				270055	129.85	6.59	1275		
Tue	8	133.63	22.80	53.20	6.36				251830	133.63	5.97	1106		
Wed	9	142.60	22.70	53.20	6.40				282867	142.60	6.29	2419		
Thu	10	141.63	23.10	53.80	6.19				248711	141.63	5.57	1186		
Fri	11	117.24	23.50	53.40	6.10				220320	117.24	5.96	1938		
Sat	12	146.18	22.60	54.30	6.31				263254	146.18	5.71	1338		
Sun	13	139.72	22.70	54.50	6.25				298447	139.72	6.77	1338		
Mon	14	99.15	22.80	54.40	6.22				282095	99.15	9.02	1272		
Tue	15	84.80	21.80	54.80	6.55				302166	84.80	11.30	1345		
Wed	16	73.96	22.50	54.60	6.31				256151	73.96	10.98	1364		
Thu	17	104.34	21.60	55.10	6.59				293208	104.34	8.91	1206		
Fri	18	37.20	22.10	54.90	6.42				313280	37.20	26.70	1080		
Sat	19	104.61	22.20	54.80	6.40				288058	104.61	8.73	1084		
Sun	20	102.54	21.90	55.30	6.45				264481	102.54	8.18	1187		
Mon	21	97.60	23.00	55.20	6.06				299313	97.60	9.72	1095		
Tue	22	105.15	22.30	55.60	6.27				259983	105.15	7.84	1032		
Wed	23	24.51	23.60	55.60	5.82				176039	24.51	22.77	1218		
Thu	24	89.84	21.70	56.40	6.40				327848	89.84	11.57	1275		
Fri	25	75.16	22.80	56.20	6.02				303814	75.16	12.81	1238		
Sat	26	86.96	23.10	57.30	5.81				233465	86.96	8.51	1301		
Sun	27	103.58	22.20	57.00	6.15				225400	103.58	6.90	1287		
Mon	28	90.76	22.90	55.40	6.08				260878	90.76	9.11	1893		
Tue	29	14.61	24.00	55.20	5.74				170602	14.61	37.02	1376		
Wed	30	99.88	22.00	55.30	6.41				254574	99.88	8.08	1395		
Thu	31	120.16	22.40	55.10	6.29				257131	120.16	6.78	1042		
TOTALS		3069.81				0	0.00		8224294	3069.81		41499	0.00	
MONTHLY AVERAGES		99.03	22.76	54.42	6.25	0	0.00		265300	99.03	10.33	1339	0.00	

TOTAL DIGESTER GAS BURNED: 13598242
TOTAL DIGESTER GAS WASTED: 1490970

BUFFALO SEWER AUTHORITY July 2025

DRY SOLIDS TO INCINERATOR

July 2025 DAY	DATE	BELT 1 % SOLIDS B-1	BELT 1 VOL MATTER B-1	BELT 1 M/V RATIO B-1	BELT 1 T.DRY TONS B-1	BELT 2 % SOLIDS B-2	BELT 2 VOL MATTER B-2	BELT 2 M/V RATIO B-2	BELT 2 T.DRY TONS B-2	OUTSIDE CAKE 1000#	OUTSIDE CAKE TS %	OUTSIDE CAKE TS 1000#	OUTSIDE CAKE VM %	OUTSIDE CAKE VM 1000#	TOTALS 1000#	TOTALS TS 1000#	TOTALS VM 1000#
Tue	1					23.4	53.2	6.15	19.26						164.6	38.5	20.49
Wed	2					23.3	52.4	6.28	18.72						160.6	37.4	19.61
Thu	3					22.3	51.8	6.73	22.87						205.5	45.7	23.70
Fri	4					22.8	51.8	6.54	25.72						225.6	51.4	26.64
Sat	5					25.4	52.3	5.62	25.03						197.1	50.1	26.18
Sun	6					23.7	52.0	6.19	30.21						254.9	60.4	31.42
Mon	7					22.5	52.8	6.52	29.22						259.7	58.4	30.85
Tue	8					22.8	53.2	6.36	30.47						267.3	60.9	32.42
Wed	9					22.7	53.2	6.40	32.37						285.2	64.7	34.44
Thu	10					23.1	53.8	6.19	32.72						283.3	65.4	35.20
Fri	11					23.5	53.4	6.10	27.55						234.5	55.1	29.42
Sat	12					22.6	54.3	6.31	33.04						292.4	66.1	35.88
Sun	13					22.7	54.5	6.25	31.72						279.4	63.4	34.57
Mon	14					22.8	54.4	6.22	22.57						198.3	45.1	24.56
Tue	15					21.8	54.8	6.55	18.49						169.6	37.0	20.26
Wed	16					22.5	54.6	6.31	16.64						147.9	33.3	18.17
Thu	17					21.6	55.1	6.59	22.54						208.7	45.1	24.84
Fri	18					22.1	54.9	6.42	8.22						74.4	16.4	9.03
Sat	19					22.2	54.8	6.40	23.22						209.2	46.4	25.45
Sun	20					21.9	55.3	6.45	22.46						205.1	44.9	24.84
Mon	21					23.0	55.2	6.06	22.45						195.2	44.9	24.78
Tue	22					22.3	55.6	6.27	23.45						210.3	46.9	26.08
Wed	23					23.6	55.6	5.82	5.79						49.0	11.6	6.43
Thu	24					21.7	56.4	6.40	19.50						179.7	39.0	21.99
Fri	25					22.8	56.2	6.02	17.14						150.3	34.3	19.26
Sat	26					23.1	57.3	5.81	20.09						173.9	40.2	23.02
Sun	27					22.2	57.0	6.15	22.99						207.2	46.0	26.21
Mon	28					22.9	55.4	6.08	20.78						181.5	41.6	23.03
Tue	29					24.0	55.2	5.74	3.51						29.2	7.0	3.87
Wed	30					22.0	55.3	6.41	21.97						199.8	43.9	24.30
Thu	31					22.4	55.1	6.29	26.92						240.3	53.8	29.66
TOTAL					0.0				697.6						6140	1395	757
AVERAGE		0.0	0.0			22.8	54.4	6.25	22.5						198.1	45.0	24.4

BUFFALO SEWER AUTHORITY
CSO INSPECTION REPORTS

FROM: 7/1/2025 **TO:** 7/31/2025

Signature: [signature] RSA **Date:** 6/14/2025

OBJECTID	Sewer Patr	Date Inspected	Inspector	Inspected	Connection Open	Weather Condi	Dry Weather Overflow
29856	SPP334A	7/1/2025	J. Kerruish	AM	Yes	Cloudy	No
29857	SPP247	7/1/2025	J. Kerruish	AM	Yes	Cloudy	No
29858	SPP180	7/1/2025	J. Kerruish	AM	Yes	Cloudy	No
29859	SPP177	7/1/2025	J. Kerruish	AM	Yes	Cloudy	No
29860	SPP331	7/1/2025	J. Kerruish	AM	Yes	Cloudy	No
29861	SPP229	7/1/2025	J. Kerruish	AM	Yes	Cloudy	No
29862	SPP229A	7/1/2025	J. Kerruish	AM	Yes	Cloudy	No
29863	SPP333	7/1/2025	J. Kerruish	AM	Yes	Cloudy	No
29864	SPP334B	7/1/2025	J. Kerruish	AM	Yes	Cloudy	No
29865	SPP179	7/1/2025	J. Kerruish	AM	Yes	Cloudy	No
29866	SPP335B	7/1/2025	J. Kerruish	AM	Yes	Cloudy	No
29867	SPP166	7/1/2025	J. Kerruish	AM	Yes	Cloudy	No
29868	SPP345	7/1/2025	J. Kerruish	AM	Yes	Cloudy	No
29869	SPP178	7/1/2025	J. Kerruish	AM	Yes	Cloudy	No
29870	SPP335A	7/1/2025	J. Kerruish	AM	Yes	Cloudy	No
29871	SPP176	7/1/2025	J. Kerruish	AM	Yes	Cloudy	No
29872	SPP175	7/1/2025	J. Kerruish	AM	Yes	Cloudy	No
29873	SPP332	7/1/2025	J. Kerruish	AM	Yes	Cloudy	No
29874	SPP170A	7/1/2025	J. Kerruish	AM	Yes	Cloudy	No
29875	SPP170B	7/1/2025	J. Kerruish	AM	Yes	Cloudy	No
29876	SPP204	7/2/2025	J. Kerruish	AM	Yes	Sunny	No
29877	SPP201	7/2/2025	J. Kerruish	AM	Yes	Sunny	No
29878	SPP341A	7/2/2025	J. Kerruish	AM	Yes	Sunny	No
29879	SPP156B	7/2/2025	J. Kerruish	AM	Yes	Sunny	No
29880	SPP342B	7/2/2025	J. Kerruish	AM	Yes	Sunny	No
29881	SPP336B	7/2/2025	J. Kerruish	AM	Yes	Sunny	No
29882	SPP200B	7/2/2025	J. Kerruish	AM	Yes	Sunny	No
29883	SPP340	7/2/2025	J. Kerruish	AM	Yes	Sunny	No
29884	SPP202	7/2/2025	J. Kerruish	AM	Yes	Sunny	No
29885	SPP156A	7/2/2025	J. Kerruish	AM	Yes	Sunny	No
29886	SPP338	7/2/2025	J. Kerruish	AM	Yes	Sunny	No
29887	SPP165B	7/2/2025	J. Kerruish	AM	Yes	Sunny	No
29888	SPP203	7/2/2025	J. Kerruish	AM	Yes	Sunny	No
29889	SPP337	7/2/2025	J. Kerruish	AM	Yes	Sunny	No
29890	SPP163A	7/2/2025	J. Kerruish	AM	Yes	Sunny	No
29891	SPP165	7/2/2025	J. Kerruish	AM	Yes	Sunny	No
29892	SPP164	7/2/2025	J. Kerruish	AM	Yes	Sunny	No
29893	SPP200A	7/2/2025	J. Kerruish	AM	Yes	Sunny	No
29894	SPP165A	7/2/2025	J. Kerruish	AM	Yes	Sunny	No
29895	SPP156	7/2/2025	J. Kerruish	AM	Yes	Sunny	No
29896	SPP157	7/2/2025	J. Kerruish	AM	Yes	Sunny	No
29897	SPP339	7/2/2025	J. Kerruish	AM	Yes	Sunny	No
29898	SPP336A	7/2/2025	J. Kerruish	AM	Yes	Sunny	No

29899	SPP342A	7/2/2025	J. Kerruish	AM	Yes	Sunny	No
29900	SPP045A	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29905	SPP065	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29907	SPP058	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29910	SPP050	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29922	SPP056	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29929	SPP067	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29930	SPP327	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29931	SPP051	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29932	SPP130	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29935	SPP047	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29936	SPP052	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29938	SPP128	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29939	SPP051A	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29941	SPP048	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29951	SPP035	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29952	SPP206A	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29956	SPP036	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29957	SPP206B	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29958	SPP304	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29959	SPP059	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29960	SPP053	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29963	SPP055	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29964	SPP054	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29965	SPP146	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29969	SPP042A	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29970	SPP036A	7/3/2025	J. Kerruish	AM	Yes	Cloudy	No
29966	SPP070	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No
29948	SPP081	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No
29949	SPP092	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No
29921	SPP079	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No
29962	SPP069	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No
29953	SPP080	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No
29954	SPP072	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No
29943	SPP087	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No
29946	SPP068	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No
29927	SPP082	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No
29928	SPP073	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No
29933	SPP075	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No
29934	SPP089	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No
29923	SPP085	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No
29906	SPP091	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No
29902	SPP086	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No
29903	SPP084	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No

29904	SPP077	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No
29914	SPP078	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No
29915	SPP088	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No
29912	SPP090	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No
29918	SPP094	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No
29919	SPP074	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No
29968	SPP375	7/7/2025	J. Kerruish	AM	Yes	Cloudy	No
29920	SPP315	7/8/2025	J. Kerruish	AM	Yes	Cloudy	No
29913	SPP150	7/8/2025	J. Kerruish	AM	Yes	Cloudy	No
29916	SPP149	7/8/2025	J. Kerruish	AM	Yes	Cloudy	No
29917	SPP319	7/8/2025	J. Kerruish	AM	Yes	Cloudy	No
29911	SPP152	7/8/2025	J. Kerruish	AM	Yes	Cloudy	No
29908	SPP217	7/8/2025	J. Kerruish	AM	Yes	Cloudy	No
29909	SPP198A	7/8/2025	J. Kerruish	AM	Yes	Cloudy	No
29924	SPP199A	7/8/2025	J. Kerruish	AM	Yes	Cloudy	No
29925	SPP277	7/8/2025	J. Kerruish	AM	Yes	Cloudy	No
29926	SPP314	7/8/2025	J. Kerruish	AM	Yes	Cloudy	No
29937	SPP317	7/8/2025	J. Kerruish	AM	Yes	Cloudy	No
29942	SPP218	7/8/2025	J. Kerruish	AM	Yes	Cloudy	No
29940	SPP151	7/8/2025	J. Kerruish	AM	Yes	Cloudy	No
29901	SPP320	7/8/2025	J. Kerruish	AM	Yes	Cloudy	No
29947	SPP318	7/8/2025	J. Kerruish	AM	Yes	Cloudy	No
29944	SPP316	7/8/2025	J. Kerruish	AM	Yes	Cloudy	No
29945	SPP199C	7/8/2025	J. Kerruish	AM	Yes	Cloudy	No
29955	SPP148	7/8/2025	J. Kerruish	AM	Yes	Cloudy	No
29950	SPP199B	7/8/2025	J. Kerruish	AM	Yes	Cloudy	No
29961	SPP249	7/8/2025	J. Kerruish	AM	Yes	Cloudy	No
29967	SPP248	7/8/2025	J. Kerruish	AM	Yes	Cloudy	No
29971	SPP208	7/9/2025	J. Kerruish	AM	Yes	Cloudy	No
29978	SPP138	7/9/2025	J. Kerruish	AM	Yes	Cloudy	No
29975	SPP123C	7/9/2025	J. Kerruish	AM	Yes	Cloudy	No
29982	SPP104	7/9/2025	J. Kerruish	AM	Yes	Cloudy	No
29984	SPP125A	7/9/2025	J. Kerruish	AM	Yes	Cloudy	No
29985	SPP115	7/9/2025	J. Kerruish	AM	Yes	Cloudy	No
29986	SPP119	7/9/2025	J. Kerruish	AM	Yes	Cloudy	No
29990	SPP120	7/9/2025	J. Kerruish	AM	Yes	Cloudy	No
29991	SPP103	7/9/2025	J. Kerruish	AM	Yes	Cloudy	No
29992	SPP099	7/9/2025	J. Kerruish	AM	Yes	Cloudy	No
29994	SPP118	7/9/2025	J. Kerruish	AM	Yes	Cloudy	No
29997	SPP101	7/9/2025	J. Kerruish	AM	Yes	Cloudy	No
29998	SPP145	7/9/2025	J. Kerruish	AM	Yes	Cloudy	No
30003	SPP125	7/9/2025	J. Kerruish	AM	Yes	Cloudy	No
30004	SPP281	7/9/2025	J. Kerruish	AM	Yes	Cloudy	No
30005	SPP282	7/9/2025	J. Kerruish	AM	Yes	Cloudy	No

30006	SPP097	7/9/2025	J. Kerruish	AM	Yes	Cloudy	No
30013	SPP126	7/9/2025	J. Kerruish	AM	Yes	Cloudy	No
30014	SPP124	7/9/2025	J. Kerruish	AM	Yes	Cloudy	No
30009	SPP326	7/9/2025	J. Kerruish	AM	Yes	Cloudy	No
30010	SPP123B	7/9/2025	J. Kerruish	AM	Yes	Cloudy	No
30000	SPP123A	7/9/2025	J. Kerruish	AM	Yes	Cloudy	No
30001	SPP100	7/9/2025	J. Kerruish	AM	Yes	Cloudy	No
30002	SPP113	7/10/2025	J. Kerruish	AM	Yes	Sunny	No
30011	SPP221	7/10/2025	J. Kerruish	AM	Yes	Sunny	No
30012	SPP222	7/10/2025	J. Kerruish	AM	Yes	Sunny	No
30007	SPP309	7/10/2025	J. Kerruish	AM	Yes	Sunny	No
30008	SPP311	7/10/2025	J. Kerruish	AM	Yes	Sunny	No
29999	SPP227	7/10/2025	J. Kerruish	AM	Yes	Sunny	No
29995	SPP308A	7/10/2025	J. Kerruish	AM	Yes	Sunny	No
29996	SPP310	7/10/2025	J. Kerruish	AM	Yes	Sunny	No
29993	SPP226	7/10/2025	J. Kerruish	AM	Yes	Sunny	No
29987	SPP107	7/10/2025	J. Kerruish	AM	Yes	Sunny	No
29988	SPP225	7/10/2025	J. Kerruish	AM	Yes	Sunny	No
29989	SPP308B	7/10/2025	J. Kerruish	AM	Yes	Sunny	No
29983	SPP114	7/10/2025	J. Kerruish	AM	Yes	Sunny	No
29976	SPP122	7/10/2025	J. Kerruish	AM	Yes	Sunny	No
29977	SPP107A	7/10/2025	J. Kerruish	AM	Yes	Sunny	No
29979	SPP224	7/10/2025	J. Kerruish	AM	Yes	Sunny	No
29980	SPP220	7/10/2025	J. Kerruish	AM	Yes	Sunny	No
29981	SPP227A	7/10/2025	J. Kerruish	AM	Yes	Sunny	No
29972	SPP223	7/10/2025	J. Kerruish	AM	Yes	Sunny	No
29973	SPP308	7/10/2025	J. Kerruish	AM	Yes	Sunny	No
29974	SPP121	7/10/2025	J. Kerruish	AM	Yes	Sunny	No
30015	SPP133	7/14/2025	J. Kerruish	AM	Yes	Partly Cloudy	No
30016	SPP131	7/14/2025	J. Kerruish	AM	Yes	Partly Cloudy	No
30017	SPP283	7/14/2025	J. Kerruish	AM	Yes	Partly Cloudy	No
30018	SPP294	7/14/2025	J. Kerruish	AM	Yes	Partly Cloudy	No
30019	SPP106	7/14/2025	J. Kerruish	AM	Yes	Partly Cloudy	No
30020	SPP212	7/14/2025	J. Kerruish	AM	Yes	Partly Cloudy	No
30021	SPP329	7/14/2025	J. Kerruish	AM	Yes	Partly Cloudy	No
30022	SPP129	7/14/2025	J. Kerruish	AM	Yes	Partly Cloudy	No
30023	SPP279	7/14/2025	J. Kerruish	AM	Yes	Partly Cloudy	No
30024	SPP293	7/14/2025	J. Kerruish	AM	Yes	Partly Cloudy	No
30025	SPP209	7/14/2025	J. Kerruish	AM	Yes	Partly Cloudy	No
30026	SPP135A	7/14/2025	J. Kerruish	AM	Yes	Partly Cloudy	No
30027	SPP211	7/14/2025	J. Kerruish	AM	Yes	Partly Cloudy	No
30028	SPP137	7/14/2025	J. Kerruish	AM	Yes	Partly Cloudy	No
30029	SPP136A	7/14/2025	J. Kerruish	AM	Yes	Partly Cloudy	No
30030	SPP132	7/14/2025	J. Kerruish	AM	Yes	Partly Cloudy	No

30031	SPP295	7/14/2025 J. Kerruish AM	Yes	Partly Cloudy	No
30032	SPP322	7/14/2025 J. Kerruish AM	Yes	Partly Cloudy	No
30033	SPP307	7/14/2025 J. Kerruish AM	Yes	Partly Cloudy	No
30034	SPP291	7/14/2025 J. Kerruish AM	Yes	Partly Cloudy	No
30035	SPP105	7/14/2025 J. Kerruish AM	Yes	Partly Cloudy	No
30036	SPP292	7/14/2025 J. Kerruish AM	Yes	Partly Cloudy	No
30037	SPP214	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30041	SPP011	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30047	SPP187	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30048	SPP186	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30049	SPP185	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30050	SPP215	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30051	SPP009	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30054	SPP195	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30059	SPP280	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30044	SPP005	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30045	SPP003	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30063	SPP188	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30065	SPP191	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30067	SPP008	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30069	SPP001	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30070	SPP213	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30073	SPP010	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30074	SPP193	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30075	SPP007	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30076	SPP013	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30078	SPP190	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30088	SPP004	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30083	SPP189	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30086	SPP184	7/16/2025 J. Kerruish AM	Yes	Sunny	No
30087	SPP243	7/18/2025 J. Kerruish AM	Yes	Sunny	No
30084	SPP020	7/18/2025 J. Kerruish AM	Yes	Sunny	No
30085	SPP017	7/18/2025 J. Kerruish AM	Yes	Sunny	No
30089	SPP023	7/18/2025 J. Kerruish AM	Yes	Sunny	No
30079	SPP245	7/18/2025 J. Kerruish AM	Yes	Sunny	No
30080	SPP234	7/18/2025 J. Kerruish AM	Yes	Sunny	No
30081	SPP240	7/18/2025 J. Kerruish AM	Yes	Sunny	No
30082	SPP230	7/18/2025 J. Kerruish AM	Yes	Sunny	No
30077	SPP014B	7/18/2025 J. Kerruish AM	Yes	Sunny	No
30071	SPP236	7/18/2025 J. Kerruish AM	Yes	Sunny	No
30072	SPP181	7/18/2025 J. Kerruish AM	Yes	Sunny	No
30068	SPP330	7/18/2025 J. Kerruish AM	Yes	Sunny	No
30066	SPP015	7/18/2025 J. Kerruish AM	Yes	Sunny	No
30064	SPP022	7/18/2025 J. Kerruish AM	Yes	Sunny	No

30046	SPP238	7/18/2025	J. Kerruish	AM	Yes	Sunny	No
30060	SPP237	7/18/2025	J. Kerruish	AM	Yes	Sunny	No
30061	SPP235	7/18/2025	J. Kerruish	AM	Yes	Sunny	No
30062	SPP239	7/18/2025	J. Kerruish	AM	Yes	Sunny	No
30055	SPP233	7/18/2025	J. Kerruish	AM	Yes	Sunny	No
30056	SPP232	7/18/2025	J. Kerruish	AM	Yes	Sunny	No
30057	SPP241	7/18/2025	J. Kerruish	AM	Yes	Sunny	No
30058	SPP019	7/18/2025	J. Kerruish	AM	Yes	Sunny	No
30052	SPP183	7/18/2025	J. Kerruish	AM	Yes	Sunny	No
30053	SPP244	7/18/2025	J. Kerruish	AM	Yes	Sunny	No
30042	SPP014A	7/18/2025	J. Kerruish	AM	Yes	Sunny	No
30043	SPP296	7/18/2025	J. Kerruish	AM	Yes	Sunny	No
30038	SPP021	7/18/2025	J. Kerruish	AM	Yes	Sunny	No
30039	SPP231	7/18/2025	J. Kerruish	AM	Yes	Sunny	No
30040	SPP182	7/18/2025	J. Kerruish	AM	Yes	Sunny	No
30090	SPP334A	7/21/2025	J. Kerruish	AM	Yes	Sunny	No
30107	SPP229	7/21/2025	J. Kerruish	AM	Yes	Sunny	No
30100	SPP180	7/21/2025	J. Kerruish	AM	Yes	Sunny	No
30101	SPP177	7/21/2025	J. Kerruish	AM	Yes	Sunny	No
30098	SPP247	7/21/2025	J. Kerruish	AM	Yes	Sunny	No
30105	SPP331	7/21/2025	J. Kerruish	AM	Yes	Sunny	No
30106	SPP165B	7/22/2025	J. Kerruish	AM	Yes	Sunny	No
30099	SPP340	7/22/2025	J. Kerruish	AM	Yes	Sunny	No
30102	SPP202	7/22/2025	J. Kerruish	AM	Yes	Sunny	No
30103	SPP156A	7/22/2025	J. Kerruish	AM	Yes	Sunny	No
30104	SPP338	7/22/2025	J. Kerruish	AM	Yes	Sunny	No
30108	SPP203	7/22/2025	J. Kerruish	AM	Yes	Sunny	No
30109	SPP337	7/22/2025	J. Kerruish	AM	Yes	Sunny	No
30110	SPP163A	7/22/2025	J. Kerruish	AM	Yes	Sunny	No
30111	SPP165	7/22/2025	J. Kerruish	AM	Yes	Sunny	No
30112	SPP164	7/22/2025	J. Kerruish	AM	Yes	Sunny	No
30113	SPP200A	7/22/2025	J. Kerruish	AM	Yes	Sunny	No
30114	SPP165A	7/22/2025	J. Kerruish	AM	Yes	Sunny	No
30115	SPP156	7/22/2025	J. Kerruish	AM	Yes	Sunny	No
30116	SPP157	7/22/2025	J. Kerruish	AM	Yes	Sunny	No
30117	SPP339	7/22/2025	J. Kerruish	AM	Yes	Sunny	No
30118	SPP336A	7/22/2025	J. Kerruish	AM	Yes	Sunny	No
30119	SPP342A	7/22/2025	J. Kerruish	AM	Yes	Sunny	No
30091	SPP204	7/22/2025	J. Kerruish	AM	Yes	Sunny	No
30092	SPP201	7/22/2025	J. Kerruish	AM	Yes	Sunny	No
30093	SPP341A	7/22/2025	J. Kerruish	AM	Yes	Sunny	No
30094	SPP156B	7/22/2025	J. Kerruish	AM	Yes	Sunny	No
30095	SPP342B	7/22/2025	J. Kerruish	AM	Yes	Sunny	No
30096	SPP336B	7/22/2025	J. Kerruish	AM	Yes	Sunny	No

30097	SPP200B	7/22/2025	J. Kerruish AM	Yes	Sunny	No
30120	SPP045A	7/24/2025	J. Kerruish AM	Yes	Sunny	No
30126	SPP058	7/24/2025	J. Kerruish AM	Yes	Sunny	No
30127	SPP050	7/24/2025	J. Kerruish AM	Yes	Sunny	No
30134	SPP056	7/24/2025	J. Kerruish AM	Yes	Sunny	No
30138	SPP067	7/24/2025	J. Kerruish AM	Yes	Sunny	No
30139	SPP327	7/24/2025	J. Kerruish AM	Yes	Sunny	No
30124	SPP065	7/24/2025	J. Kerruish AM	Yes	Sunny	No
30125	SPP091	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30140	SPP075	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30141	SPP089	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30142	SPP087	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30143	SPP068	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30144	SPP081	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30145	SPP092	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30146	SPP080	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30147	SPP072	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30148	SPP069	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30149	SPP070	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30150	SPP375	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30135	SPP085	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30136	SPP082	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30137	SPP073	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30128	SPP090	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30129	SPP078	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30130	SPP088	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30131	SPP094	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30132	SPP074	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30133	SPP079	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30121	SPP086	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30122	SPP084	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30123	SPP077	7/25/2025	J. Kerruish AM	Yes	Cloudy	No
30152	SPP320	7/28/2025	J. Kerruish AM	Yes	Sunny	No
30154	SPP217	7/28/2025	J. Kerruish AM	Yes	Sunny	No
30155	SPP198A	7/28/2025	J. Kerruish AM	Yes	Sunny	No
30156	SPP152	7/28/2025	J. Kerruish AM	Yes	Sunny	No
30157	SPP150	7/28/2025	J. Kerruish AM	Yes	Sunny	No
30164	SPP277	7/28/2025	J. Kerruish AM	Yes	Sunny	No
30165	SPP314	7/28/2025	J. Kerruish AM	Yes	Sunny	No
30172	SPP317	7/28/2025	J. Kerruish AM	Yes	Sunny	No
30173	SPP151	7/28/2025	J. Kerruish AM	Yes	Sunny	No
30159	SPP149	7/28/2025	J. Kerruish AM	Yes	Sunny	No
30160	SPP319	7/28/2025	J. Kerruish AM	Yes	Sunny	No
30161	SPP315	7/28/2025	J. Kerruish AM	Yes	Sunny	No

30162	SPP199A	7/28/2025	J. Kerruish	AM	Yes	Sunny	No
30175	SPP218	7/28/2025	J. Kerruish	AM	Yes	Sunny	No
30176	SPP316	7/28/2025	J. Kerruish	AM	Yes	Sunny	No
30177	SPP199C	7/28/2025	J. Kerruish	AM	Yes	Sunny	No
30178	SPP101	7/29/2025	J. Kerruish	AM	Yes	Sunny	No
30179	SPP145	7/29/2025	J. Kerruish	AM	Yes	Sunny	No
30180	SPP123A	7/29/2025	J. Kerruish	AM	Yes	Sunny	No
30181	SPP100	7/29/2025	J. Kerruish	AM	Yes	Sunny	No
30182	SPP125	7/29/2025	J. Kerruish	AM	Yes	Sunny	No
30183	SPP281	7/29/2025	J. Kerruish	AM	Yes	Sunny	No
30184	SPP282	7/29/2025	J. Kerruish	AM	Yes	Sunny	No
30185	SPP097	7/29/2025	J. Kerruish	AM	Yes	Sunny	No
30186	SPP326	7/29/2025	J. Kerruish	AM	Yes	Sunny	No
30187	SPP123B	7/29/2025	J. Kerruish	AM	Yes	Sunny	No
30188	SPP126	7/29/2025	J. Kerruish	AM	Yes	Sunny	No
30189	SPP124	7/29/2025	J. Kerruish	AM	Yes	Sunny	No
30163	SPP104	7/29/2025	J. Kerruish	AM	Yes	Sunny	No
30174	SPP118	7/29/2025	J. Kerruish	AM	Yes	Sunny	No
30166	SPP125A	7/29/2025	J. Kerruish	AM	Yes	Sunny	No
30167	SPP115	7/29/2025	J. Kerruish	AM	Yes	Sunny	No
30168	SPP119	7/29/2025	J. Kerruish	AM	Yes	Sunny	No
30169	SPP120	7/29/2025	J. Kerruish	AM	Yes	Sunny	No
30170	SPP103	7/29/2025	J. Kerruish	AM	Yes	Sunny	No
30171	SPP099	7/29/2025	J. Kerruish	AM	Yes	Sunny	No
30158	SPP138	7/29/2025	J. Kerruish	AM	Yes	Sunny	No
30153	SPP123C	7/29/2025	J. Kerruish	AM	Yes	Sunny	No
30151	SPP208	7/29/2025	J. Kerruish	AM	Yes	Sunny	No

BUFFALO SEWER AUTHORITY
LABORATORY
90 WEST FERRY STREET • BUFFALO, NEW YORK 14213 • (716) 851-4664

TO: Alexander Emmerson, Treatment Plant Superintendent **DATE: 08/07/2025**
RE: Priority Pollutant Summary Sheet

The Priority Pollutant and Monitoring Summary for July 2025 is attached. There were no exceedances.

Stephen J. Tuhovak
Laboratory Director

cc: E. Scheeler, I.W. (e-copy)
M. Szilagyi, I.W. (e-copy)
S. Morrison, Process (e-copy)
Lab file

BUFFALO SEWER AUTHORITY
LABORATORY

90 WEST FERRY STREET • BUFFALO, NEW YORK 14213 • (716) 851-4664

Priority Pollutant and Monitoring Summary

SPDES Number: **NY** – 0028410
Outfall 002
NYSDOH Lab ID 10132
Month **July, 2025**

	BSA Results Monitoring mg/L	Limit Monthly Ave. Lbs/day	Action Level Lbs/day	BSA Results Monthly Ave. Lbs/day
Conventional Pollutants				
Nitrogen, TKN (as N), Raw	13.0			
Ammonia (as NH_3), Raw	9.60			
Nitrogen, TKN (as N), Effluent	3.40			
Ammonia (as NH_3), Effluent	0.19			
Toxic Pollutants				
Phenols, Total, 4-AAP		**36.6**		<5.97
Action Level Requirements Type II				BSA Results Daily Max
Cadmium, Total			**30.0**	<1.19
Chromium, Total			**12.5**	<2.39
Copper, Total			**31.9**	<5.97
Copper, Dissolved			**Monitor**	<5.97
Lead, Total			**66.2**	<5.97
Nickel, Total			**43.8**	<5.97
Zinc, Total			**174**	16.7
Zinc, Dissolved			**Monitor**	22.7
Bis (2-ethylhexyl) phthalate			**16.7**	<5.97
Cyanide			**90.0**	8.63

Notes: **Bold** – regulatory limits and action levels
Less than (<) values are based on MDL's.
ND – Not Detected

L:\ forms\sumry99.doc 2/99

Buffalo Sewer Authority Laboratory

90 W. Ferry St | Buffalo NY 14213 | Tel. (716)851-4664 | Fax (716) 883-3789

Priority Pollutant Report

Sample Name:	PP LL Hg - FE	*Lab Log:*	499997
Sample Type:	Wastewater	*I. W. #:*	
Sample Source:	Final Effluent	*Submitted By:*	CR
Sample Date Start:	7/30/2025	*Date Received:*	7/30/2025 10:40
Collection Time Start:	10:40	*Received By:*	CR
Collection Type:	Grab	*Sample Container:*	Glass
Collected By:	CR	*Preservative:*	Refrigeration
Comments:			

Analyte	Method	Analysis Date/Time	Mass lbs/day	Data Qual.	Conc	Units	Spike % Rec	Reporting Limit	Analyst
LL Mercury	EPA 1631E	8/1/2025 09:42	2.78		7.10	ng/l		0.50	X

Flow: 47

Reviewed by Raechel M Date 8-6-25

Raechel Miller, QA Coordinator

Stephen J. Tuhovak Date 8-7-2025

Stephen J. Tuhovak, Laboratory Director, NYS Lab ID 10132

Distribution:

Printed 8/6/2025

Data Qualifier Key

N	Not Detected	**L**	Results Below LOQ and Above LOD	**H**	Blank Exceeds Acceptance Limits
B	Below Reporting Limit	**P**	Spike recovery outside acceptance Limits	**D**	Precision Outside Acceptance Limits
<	Less Than	**S**	Standard Outside Acceptance Limits	**U**	Accidental Loss or Aborted Analysis
>	Greater Than	**E**	Exceeded Holding Time	**C**	Results Below CAL. Curve and Above Reporting Limit
M	Sample Matrix Interference	**T**	Toxic Effect	**Z**	Instrumentation Not Calibrated
9	Improper Sample Container	**8**	Temperature Outside Limits		
X	Subcontracted-NY10026				

BUFFALO SEWER AUTHORITY
MONTHLY LABORATORY DATA

July 2025	DIGESTER CONTENTS - ORP					
DAY DATE	#1 ORP	#2 ORP	#3 ORP	#4 ORP	#5 ORP	#6 ORP
Tue 1	-243	-259	-262			
Thu 3				-249	-250	
Tue 8	-243	-267	-275			
Thu 10				-246	-252	
Tue 15	-239	-264	-212			
Thu 17				-225	-250	
Tue 22	-249	-290	-291			
Thu 24				-221	-264	
Tue 29	-242	-244	-239			
Thu 31				-233	-251	

BUFFALO
90 YEARS 1935-2025
SEWER AUTHORITY

July 11, 2025

Regional Environmental Engineer
N.Y.S.D.E.C.
700 Delaware Avenue
Buffalo, New York 14209-2202

RE: USE OF OUTFALL 001

To Whom It May Concern:

A partial treatment event was required on June 30, 2025 from 06:00 PM through July 1, 2025 at 07:07 AM due to high flows attributed to rainfall and limited secondary treatment capacity to facilitate Phase 1 of the Secondary Treatment Rehab Project.

The partially treated flow received primary treatment, chlorination with sodium hypochlorite before being discharged into the Niagara River through outfall 001. During the partial treatment event all B side aeration tanks and final clarifiers were out of service to facilitate Phase 1 of the Secondary Treatment Rehab Project.

Date:	6/30/2025	7/1/2025
Duration Hours:	6	7.12
Average Raw WW Flow MGD:	134	132
Final Effluent Flow MGD:	70	84
Starting Raw WW Flow MGD:	363	329
Peak Flow MGD:	391	355
Partially Treated Volume MG:	36	33

Very truly yours,

BUFFALO SEWER AUTHORITY

Alexander C. Emmerson
Treatment Plant Superintendent

encs.
cc: Process
File Name: PT_06-30-25

BUFFALO
90 YEARS 1935-2025
SEWER AUTHORITY

July 11, 2025

Regional Environmental Engineer
N.Y.S.D.E.C.
700 Delaware Avenue
Buffalo, New York 14209-2202

RE: USE OF OUTFALL 001

To Whom It May Concern:

A partial treatment event was required on July 3, 2025 from 06:46 AM through July 3, 2025 at 02:07 PM due to high flows attributed to rainfall and limited secondary treatment capacity to facilitate Phase 1 of the Secondary Treatment Rehab Project.

The partially treated flow received primary treatment, chlorination with sodium hypochlorite before being discharged into the Niagara River through outfall 001. During the partial treatment event all B side aeration tanks and final clarifiers were out of service to facilitate Phase 1 of the Secondary Treatment Rehab Project.

Date:	**7/3/2025**
Duration Hours:	**7.35**
Average Raw WW Flow MGD:	**106**
Final Effluent Flow MGD:	**75**
Starting Raw WW Flow MGD:	**94**
Peak Flow MGD:	**239**
Partially Treated Volume MG:	**24**

Very truly yours,

BUFFALO SEWER AUTHORITY

Alexander C. Emmerson
Treatment Plant Superintendent

encs.
cc: Process
File Name: PT_07-03-25

BUFFALO
90 YEARS 1935-2025
SEWER AUTHORITY

July 15, 2025

Regional Environmental Engineer
N.Y.S.D.E.C.
700 Delaware Avenue
Buffalo, New York 14209-2202

RE: USE OF OUTFALL 001

To Whom It May Concern:

A partial treatment event was required on July 12, 2025 from 09:34 AM through July 12, 2025 at 06:00 PM due to high flows attributed to rainfall and limited secondary treatment capacity to facilitate Phase 1 of the Secondary Treatment Rehab Project.

The partially treated flow received primary treatment, chlorination with sodium hypochlorite before being discharged into the Niagara River through outfall 001. During the partial treatment event all B side aeration tanks and final clarifiers were out of service to facilitate Phase 1 of the Secondary Treatment Rehab Project.

Date:	**7/12/2025**
Duration Hours:	**8.43**
Average Raw WW Flow MGD:	**100**
Final Effluent Flow MGD:	**70**
Starting Raw WW Flow MGD:	**86**
Peak Flow MGD:	**201**
Partially Treated Volume MG:	**25**

Very truly yours,

BUFFALO SEWER AUTHORITY

Alexander C. Emmerson
Treatment Plant Superintendent

ACE:rlg
encs.
cc: Process
File Name: PT_07-12-25

BUFFALO
90 YEARS 1935-2025
SEWER AUTHORITY

COPY

July 29, 2025

Regional Environmental Engineer
N.Y.S.D.E.C.
700 Delaware Avenue
Buffalo, New York 14209-2202

RE: USE OF OUTFALL 001

To Whom It May Concern:

A partial treatment event was required on July 17, 2025 from 04:25 PM through July 17, 2025 at 10:12 PM due to elevated flows and limited secondary treatment capacity to facilitate Phase 1 of the Secondary Treatment Rehab Project.

The partially treated flow received primary treatment, chlorination with sodium hypochlorite before being discharged into the Niagara River through outfall 001. During the partial treatment event all B side aeration tanks and final clarifiers were out of service to facilitate Phase 1 of the Secondary Treatment Rehab Project.

Date:	**7/17/2025**
Duration Hours:	5.78
Average Raw WW Flow MGD:	85
Final Effluent Flow MGD:	69
Starting Raw WW Flow MGD:	89
Peak Flow MGD:	153
Partially Treated Volume MG:	8

Very truly yours,

BUFFALO SEWER AUTHORITY

Alexander C. Emmerson
Treatment Plant Superintendent

ACE:rlg
encs.
cc: Process
File Name: PT_07-17-25

BUFFALO
90 YEARS 1935-2025
SEWER AUTHORITY

COPY

July 29, 2025

Regional Environmental Engineer
N.Y.S.D.E.C.
700 Delaware Avenue
Buffalo, New York 14209-2202

RE: USE OF OUTFALL 001

To Whom It May Concern:

A partial treatment event was required on July 20, 2025 from 05:07 PM through July 21, 2025 at 04:53 AM due to high flows attributed to rainfall and limited secondary treatment capacity to facilitate Phase 1 of the Secondary Treatment Rehab Project.

The partially treated flow received primary treatment, chlorination with sodium hypochlorite before being discharged into the Niagara River through outfall 001. During the partial treatment event all B side aeration tanks and final clarifiers were out of service to facilitate Phase 1 of the Secondary Treatment Rehab Project.

Date:	7/20/2025	7/21/2025
Duration Hours:	6.88	4.88
Average Raw WW Flow MGD:	92	62
Final Effluent Flow MGD:	60	55
Starting Raw WW Flow MGD:	200	75
Peak Flow MGD:	229	89
Partially Treated Volume MG:	22	8

Very truly yours,

BUFFALO SEWER AUTHORITY

Alexander C. Emmerson
Treatment Plant Superintendent

ACE:rlg
encs.
cc: Process
File Name: PT_07-20-25

BUFFALO
90 YEARS 1935-2025
SEWER AUTHORITY

COPY

July 29, 2025

Regional Environmental Engineer
N.Y.S.D.E.C.
700 Delaware Avenue
Buffalo, New York 14209-2202

RE: USE OF OUTFALL 001

To Whom It May Concern:

A partial treatment event was required on July 22, 2025 from 12:57 AM through July 22, 2025 at 05:55 AM due to elevated flows and limited secondary treatment capacity to facilitate Phase 1 of the Secondary Treatment Rehab Project.

The partially treated flow received primary treatment, chlorination with sodium hypochlorite before being discharged into the Niagara River through outfall 001. During the partial treatment event all B side aeration tanks and final clarifiers were out of service to facilitate Phase 1 of the Secondary Treatment Rehab Project.

Date:	**7/22/2025**
Duration Hours:	**4.97**
Average Raw WW Flow MGD:	**72**
Final Effluent Flow MGD:	**55**
Starting Raw WW Flow MGD:	**63**
Peak Flow MGD:	**132**
Partially Treated Volume MG:	**21**

Very truly yours,

BUFFALO SEWER AUTHORITY

Alexander C. Emmerson
Treatment Plant Superintendent

ACE:rlg
encs.
cc: Process
File Name: PT_07-20-25

BUFFALO
90 YEARS 1935-2025
SEWER AUTHORITY

COPY

July 29, 2025

Regional Environmental Engineer
N.Y.S.D.E.C.
700 Delaware Avenue
Buffalo, New York 14209-2202

RE: USE OF OUTFALL 001

To Whom It May Concern:

A partial treatment event was required on July 25, 2025 from 04:36 PM through July 25, 2025 at 09:37 PM due to high flows attributed to rainfall and limited secondary treatment capacity to facilitate Phase 1 of the Secondary Treatment Rehab Project.

The partially treated flow received primary treatment, chlorination with sodium hypochlorite before being discharged into the Niagara River through outfall 001. During the partial treatment event all B side aeration tanks and final clarifiers were out of service to facilitate Phase 1 of the Secondary Treatment Rehab Project.

Date:	**7/25/2025**
Duration Hours:	**5.02**
Average Raw WW Flow MGD:	**103**
Final Effluent Flow MGD:	**79**
Starting Raw WW Flow MGD:	**166**
Peak Flow MGD:	**257**
Partially Treated Volume MG:	**20**

Very truly yours,

BUFFALO SEWER AUTHORITY

Alexander C. Emmerson
Treatment Plant Superintendent

ACE:rlg
encs.
cc: Process
File Name: PT_07-25-25

BUFFALO
90 YEARS 1935-2025
SEWER AUTHORITY

COPY

July 29, 2025

Regional Environmental Engineer
N.Y.S.D.E.C.
700 Delaware Avenue
Buffalo, New York 14209-2202

RE: USE OF OUTFALL 001

To Whom It May Concern:

A partial treatment event was required on July 27, 2025 from 06:01 AM through July 27, 2025 at 04:52 PM due to high flows attributed to rainfall and limited secondary treatment capacity to facilitate Phase 1 of the Secondary Treatment Rehab Project.

The partially treated flow received primary treatment, chlorination with sodium hypochlorite before being discharged into the Niagara River through outfall 001. During the partial treatment event all B side aeration tanks and final clarifiers were out of service to facilitate Phase 1 of the Secondary Treatment Rehab Project.

Date:	**7/27/2025**
Duration Hours:	**10.85**
Average Raw WW Flow MGD:	**110**
Final Effluent Flow MGD:	**70**
Starting Raw WW Flow MGD:	**171**
Peak Flow MGD:	**227**
Partially Treated Volume MG:	**44**

Very truly yours,

BUFFALO SEWER AUTHORITY

Alexander C. Emmerson
Treatment Plant Superintendent

ACE:rlg
encs.
cc: Process
File Name: PT_07-27-25

BUFFALO
90 YEARS 1935-2025
SEWER AUTHORITY

COPY

August 5, 2025

Ms. Denine Jackson
N.Y.S.D.E.C.
700 Delaware Avenue
Buffalo, New York 14209-2202

RE: USE OF OUTFALL 001

To Ms. Denine Jackson:

Three dry weather partial treatment events were required on July 30, 2025, through August 2, 2025. The event specific details are outlined in the attached partial treatment letters and the overall plant conditions during this time are outlined below. The following NY Alerts were submitted for each dry weather event.

NY Alert Incident ID: 2107353084206219, 2107353084218582, 2100309337993457

Each event was due to limited secondary treatment capacity to facilitate Phase 1 of the LTCP capital project and sludge bulking due to the presence of filamentous bacteria. To facilitate the required work in this phase the facility is currently staged with all B side aeration tanks and final clarifiers out of service. The A-side aeration gallery was also experiencing an abundant type 021N filament that appeared to have a moderate-high impact on plant SVI. The cause of the filament has been attributed to draining of the B-side aeration tanks and final clarifiers to the A side. Dosing of the B side RAS well began on August 1, 2025, and continued intermittently until conditions improved on August 5, 2025.

At the time of this letter no further dry weather partial treatment events have occurred.

Very truly yours,

BUFFALO SEWER AUTHORITY

Alexander C. Emmerson
Treatment Plant Superintendent

ACE
encs.
cc: Process
File Name: PT_07-30-25_DW

BUFFALO
90 YEARS 1935-2025
SEWER AUTHORITY

COPY

August 5, 2025

Regional Environmental Engineer
N.Y.S.D.E.C.
700 Delaware Avenue
Buffalo, New York 14209-2202

RE: USE OF OUTFALL 001

To Whom It May Concern:

A partial treatment event was required on July 30, 2025, from 09:27 AM through July 31, 2025 at 09:53 PM due to sludge bulking caused by abundant 021N filament and limited secondary treatment capacity to facilitate Phase 1 of the Secondary Treatment Rehab Project.

The partially treated flow received primary treatment, chlorination with sodium hypochlorite before being discharged into the Niagara River through outfall 001. During the partial treatment event all B side aeration tanks and final clarifiers were out of service to facilitate Phase 1 of the Secondary Treatment Rehab Project.

Date:	7/30/2025	7/31/2025
Duration Hours:	14.55	21.88
Average Raw WW Flow MGD:	80	109
Final Effluent Flow MGD:	47	46
Starting Raw WW Flow MGD:	91	68
Peak Flow MGD:	137	225
Partially Treated Volume MG:	22	56

Very truly yours,

BUFFALO SEWER AUTHORITY

Alexander C. Emmerson
Treatment Plant Superintendent

ACE
encs.
cc: Process
File Name: PT_07-30-25

Erie, Buffalo, Sewage Discharge, Black Rock Canal, Scajaquada Creek,

ID: 2100274978136884

CLOSED

Opened On: Jul 25, 2025 15:20:28 EST - by Daniel O'Sullivan
Last Updated On: Nov 10, 2025 09:09:50 EST - by Alexander Emmerson
Closed On: Nov 10, 2025 09:09:50 EST - by Alexander Emmerson

Notification: Jul 25, 2025 15:20:28 EST

Title	ID	Phase	Sent By	Incident Template	Confirmed	Not Confirmed	Unreachable
Erie, Buffalo, Sewage Discharge, Black Rock Canal, Scajaquada Creek,	2100274978139033	New	Daniel O'Sullivan	Buffalo Sewer Authority - Bird Island, NY0028410, SPRTK	0	9	3

Message (Customized Email below)

Erie, Buffalo, Sewage Discharge, Black Rock Canal, Scajaquada Creek,

Type: Nixle Event Subscriptions, CAP RSS Feed

Customized Email

New York Sewage Pollution Right to Know

Issued: 07-25-2025, 15:20:28

Affects: New York - Erie - Buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 90 West Ferry, Buffalo, NY

Location details:

Waterbody affected: Black Rock Canal, Scajaquada Creek

Discharge description:

Potentially impacted public areas: -

Discharge date and time: 07-25-2025 15:54:00

Discharge duration: 24 Hours

Discharge reason: System Capacity - .12 inches of rain

Steps taken to contain discharge: Permitted CSO discharge

Volume/rate of discharge: 114000 Gallons Estimated

Treated state of discharge: Untreated

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

Erie, Buffalo, Sewage Discharge, Black Rock Canal , Scajaquada Creek,

ID: 2107353084218582

CLOSED

Opened On: Jul 31, 2025 06:21:13 EST - by Ameer Lucas
Last Updated On: Nov 10, 2025 09:09:50 EST - by Alexander Emmerson
Closed On: Nov 10, 2025 09:09:50 EST - by Alexander Emmerson

Notification: Jul 31, 2025 06:21:13 EST

Title	ID	Phase	Sent By	Incident Template	Confirmed	Not Confirmed	Unreachable
Erie, Buffalo, Sewage Discharge, Black Rock Canal , Scajaquada Creek,	2107353084219984	New	Ameer Lucas	Buffalo Sewer Authority - Bird Island, NY0028410, SPRTK	0	2621	369

Message (Customized Email below)

Erie, Buffalo, Sewage Discharge, Black Rock Canal , Scajaquada Creek,

Type: Nixle Event Subscriptions, CAP RSS Feed

Customized Email

New York Sewage Pollution Right to Know

Issued: 07-31-2025, 07:21:13

Affects: New York - Erie - Buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 90 West Ferry, Buffalo, NY

Location details:

Waterbody affected: Black Rock Canal , Scajaquada Creek

Discharge description:

Potentially impacted public areas: -

Discharge date and time: 07-31-2025 06:54:00

Discharge duration: 24 Hours

Discharge reason: System Capacity, Weather Conditions - Heavy rainfall

Steps taken to contain discharge: Permitted CSO Discharge

Volume/rate of discharge: 418,000 Gallons Estimated

Treated state of discharge: Untreated

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

Erie, Buffalo, Sewage Discharge, Niagara River,

ID: 2107353084206219

CLOSED

Opened On: Jul 30, 2025 11:22:16 EST - by Matthew Wiatrowski
Last Updated On: Nov 10, 2025 09:09:50 EST - by Alexander Emmerson
Closed On: Nov 10, 2025 09:09:50 EST - by Alexander Emmerson

Notification: Jul 30, 2025 11:22:17 EST

Title	ID	Phase	Sent By	Incident Template	Confirmed	Not Confirmed	Unreachable
Erie, Buffalo, Sewage Discharge, Niagara River,	2107353084206547	New	Matthew Wiatrowski	Buffalo Sewer Authority - Bird Island, NY0028410, SPRTK	0	2617	371

Message (Customized Email below)
Erie, Buffalo, Sewage Discharge, Niagara River,

Type: Nixle Event Subscriptions, CAP RSS Feed

Customized Email

New York Sewage Pollution Right to Know

Issued: 07-30-2025, 12:22:17
Affects: New York - Erie - Buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 90 West Ferry, Buffalo, NY

Location details:

Waterbody affected: Niagara River

Discharge description:

Potentially impacted public areas: -

Discharge date and time: 07-30-2025 09:27:00

Discharge duration: Ongoing Hours

Discharge reason: System Capacity - Reduced capacity due to secondary rehab and plant conditions

Steps taken to contain discharge: All available equipment in service

Volume/rate of discharge: 5,000,000 Gallons Estimated

Treated state of discharge: Partially Treated with Disinfection

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

Erie, Buffalo, Sewage Discharge, Scajaquada Creek , Black Rock canal,

ID: 2100446776856823

CLOSED

Opened On: Jul 27, 2025 06:19:37 EST - by Ameer Lucas
Last Updated On: Nov 10, 2025 09:09:50 EST - by Alexander Emmerson
Closed On: Nov 10, 2025 09:09:50 EST - by Alexander Emmerson

Notification: Jul 27, 2025 06:19:38 EST

Title	ID	Phase	Sent By	Incident Template	Confirmed	Not Confirmed	Unreachable
Erie, Buffalo, Sewage Discharge, Scajaquada Creek , Black Rock canal,	2100446776861201	New	Ameer Lucas	Buffalo Sewer Authority - Bird Island, NY0028410, SPRTK	0	2617	370

Message (Customized Email below)

Erie, Buffalo, Sewage Discharge, Scajaquada Creek , Black Rock canal,

Type: Nixle Event Subscriptions, CAP RSS Feed

Customized Email

New York Sewage Pollution Right to Know

Issued: 07-27-2025, 07:19:37

Affects: New York - Erie - Buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 90 West Ferry, Buffalo, NY

Location details:

Waterbody affected: Scajaquada Creek , Black Rock canal

Discharge description:

Potentially impacted public areas: -

Discharge date and time: 07-27-2025 04:54:00

Discharge duration: 24 Hours

Discharge reason: Weather Conditions, System Capacity - Heavy rainfall

Steps taken to contain discharge: Permitted CSO Discharge

Volume/rate of discharge: 143,000 Gallons Estimated

Treated state of discharge: Untreated

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

WASTEWATER FACILITY OPERATION REPORT FOR THE MONTH OF August 2025

SPDES PERMIT NO. **NY - 0028410**

FACILITY NAME **Secondary Treatment Plant**

FACILITY OWNER **Buffalo Sewer Authority**

FACILITY LOCATION **Ft. of West Ferry Street**

	Day	Date	Daily Precip. in/Day	VOL. OF SEWAGE TREATED Inst.Max MGD	Daily Avg MGD	Inst.Min MGD	TEMP. (C) Influent (2)	Effint. (2)	pH(S.U.) Influent Min	Influent Max	Effluent Min	Effluent Max	SETTLEABLE SOLIDS ml/l Influent Max.	Effluent Max.	B.O.D. mg/l Influent Type		Effluent Type		SUSPENDED SOLIDS ml/l Influent Type		Effluent Type	
P	Fri	1	0.00	123	65	34	22	23	6.8	7.0	7.1	7.2	2.9	0.2	87	H	9.9		72		17.0	
P	Sat	2	0.00	151	76	41	23	24	6.4	7.0	7.1	7.3	1.2	0.1	149		8.9		87		9.4	
	Sun	3	0.00	100	67	50	23	24	6.8	7.0	7.2	7.3	1.3	0.1	74		12.0		62		9.8	
	Mon	4	0.00	107	76	48	23	24	6.6	7.0	7.1	7.3	7.2	0.1	140		8.5		136		11.0	
	Tue	5	0.00	107	71	47	22	23	6.5	6.8	7.1	7.2	3.2	0.1	126		15.0		113		11.0	
	Wed	6	T	167	78	40	23	24	6.6	6.9	7.1	7.3	8.8	0.1	150		20.0		77	S	7.6	
	Thu	7	0.00	150	74	46	23	24	6.4	6.7	7.1	7.2	4.0	0.1	146		21.0		156	S	11.0	
	Fri	8	0.00	92	69	49	23	24	6.5	6.8	7.1	7.2	4.0	0.1	181		12.0		124		6.6	
	Sat	9	0.00	92	64	44	23	24	6.3	6.7	7.2	7.2	3.5	0.1	144		25.0		104		9.2	
	Sun	10	0.00	81	58	35	21	22	6.0	6.8	7.0	7.2	3.5	0.1	152		33.0		96		11.0	
P	Mon	11	0.00	160	77	39	23	24	6.2	6.8	6.9	7.1	11.0	0.1	114		29.0		72		8.8	
P	Tue	12	0.00	114	59	40	24	25	6.3	6.7	7.0	7.1	9.7	0.1	128		24.0		86		8.8	
P	Wed	13	0.49	257	135	43	24	25	6.6	6.8	7.0	7.2	7.8	0.2	108		28.0		231		14.0	
	Thu	14	0.00	103	68	45	23	24	6.4	6.6	6.9	7.0	2.0	0.1	128		17.0		94		15.0	
	Fri	15	0.00	101	78	52	23	24	6.5	6.7	7.0	7.2	9.3	0.1	126		29.0		83		9.6	
	Sat	16	0.00	94	61	42	23	24	6.5	6.7	7.1	7.3	4.0	0.1	122		19.0		90		4.8	
P	Sun	17	0.95	370	192	59	22	23	6.6	7.1	7.3	7.4	5.1	0.1	58		20.0		151		6.0	
	Mon	18	0.00	124	92	72	22	23	6.6	7.1	7.0	7.4	2.1	0.1	53		10.0		101		7.8	
	Tue	19	0.04	125	81	51	22	23	6.6	6.8	7.0	7.2	3.8	0.1	132		13.0		83		5.4	
	Wed	20	0.14	135	98	59	23	24	6.6	6.8	6.9	7.2	4.0	0.1	111		22.0		94	S	8.0	
	Thu	21	T	124	86	58	23	24	6.5	6.7	7.0	7.1	6.4	0.1	102		13.0		113		6.4	
	Fri	22	0.00	111	73	45	23	24	6.5	6.7	7.1	7.3	4.5	0.1	142	H	11.0		102		8.0	
	Sat	23	0.00	100	72	46	23	24	6.5	6.7	7.1	7.2	4.8	0.1	120		9.7		75		7.0	
	Sun	24	0.16	171	86	50	23	24	6.6	6.9	6.9	7.3	9.1	0.1	124	D	9.0		113		6.6	
	Mon	25	T	108	75	52	23	24	6.6	6.9	6.8	7.1	4.5	0.1	108	H	8.2		92		7.2	
	Tue	26	T	108	73	49	23	24	6.4	6.6	6.9	7.0	5.1	0.1	147		12.0		98		5.4	
	Wed	27	0.00	107	68	30	23	24	6.2	6.7	6.9	7.0	3.5	0.2	106		21.0		96		19.0	
P	Thu	28	0.57	333	131	14	22	23	6.4	6.6	6.9	7.1	9.3	0.1	162		11.0		248		13.0	
P	Fri	29	0.00	276	117	77	23	24	6.7	6.9	6.9	7.1	4.8	0.1	73		6.6		133		5.4	
	Sat	30	0.00	116	82	62	22	23	6.6	6.8	7.1	7.1	2.8	0.1	113		6.0		63		3.2	
	Sun	31	0.00	98	67	47	22	23	6.7	7.0	7.1	7.2	3.6	0.1	113		7.9		76		4.2	
			Total Precip. 2.35		Monthly Average 83		Monthly Average Influent 23	Effluent 24	Monthly Min 6.0	Max 7.1	Min 6.8	Max 7.4	Monthly Max 11.0	Monthly Max 0.2	30 day flow-wght avg(1) Inf(mg/l) 117	Eff(mg/l) 15.5	%Rem 86.7		30 day flow-wght avg(1) Inf(mg/l) 116	Eff(mg/l) 8.7	%Rem 92.5	
													30 Day Average Quantity Loading (1)		80689 lbs/day				80086 lbs/day			

(1) Refer to current edition of "Notice to SPDEF Permittees Regarding Use of the National Pollutant Discharge Elimination System(NPDES) Discharge Monitoring Report Form" for procedures to calculate loadings, flow-weighted average, geometric mean, maximum, minimum, percent removal, etc.
(2) If temperature is measured more than once a day, report the average for the day.
NOTE: Refer to current SPDES permit for specific monitoring requirements. Sample type for temperature, pH, settleable solids, chlorine residual and fecal coliform is grab.

New York State Department of Environmental Conservation — Division of Water

FACILITY MAILING ADDRESS (Street, City, State, Zip Code)	TELEPHONE NUMBER	CHIEF OPERATOR'S NAME	CERTIFICATION GRADE
Ft. of W. Ferry St., Buffalo, NY 14213	**716 851-4664**	**Alexander C. Emmerson Plant Superintendent**	**4A**

	TOTAL PHOSPHORUS mg/l		CHLORINE RESIDUAL		FECAL COLIFORM	
	Influent Type	Effluent Type	Effluent mg/l Minimum	Maximum	Effluent MF or MPN/100ml	REMARKS Enter any other comments, observations, operating problems, equipment failure, etc.
P	2.40	0.52	0.34	0.95	421	
P	3.20	0.67	0.39	1.30	153	
	2.40	0.43	0.12	0.69	2300	
	3.30	0.62	0.50	1.21	24	
	3.10	0.86	0.74	1.25	26	
	4.10	1.40	0.28	1.38	38	
	3.60	1.60	0.67	1.67	40	
	4.20	1.50	0.60	1.60	19	
	3.10	3.80	0.61	1.17	128	
	3.20	2.60	0.77	1.90	20	
P	2.80	0.66	0.20	1.01	506	
P	2.90	0.52	0.05	1.67	463	
P	2.80	0.60	0.49	1.61	324	
	2.80	0.77	0.75	1.30	189	
	3.20	1.90	0.64	1.26	559	
	3.20	0.48	0.66	1.10	150	
P	2.00	0.32	0.29	1.12	430	
	1.30	0.20	0.28	1.13	1374	
	2.80	0.95	0.67	2.00	86	
	2.40	1.00	0.71	1.50	25	
	2.90	0.28	0.62	1.20	258	
	3.40	0.34	0.22	1.17	414	
	2.80	0.35	0.14	0.64	1044	
	2.70	0.36	0.07	0.34	28000	
	2.60	0.62	0.03	0.90	16089	
	3.40	0.48	0.52	1.30	35	
	3.10	0.82	0.26	1.20	95	
P	3.50	0.66	0.23	1.44	213	
P	2.10	0.30	0.00	1.24	11630	
	2.50	0.29	0.22	1.15	19	
	2.80	0.53	0.10	0.66	790	

The following reports for August 2025 are attached:

- Summary of operations data
- Sewer inspection report.
- Priority Pollutant and Monitoring Summary.
- Partial treatment letters.
- Non-compliance letter for monthly average Fecal Coliforms
- Non-compliance letters for 7-day Fecal Coliforms

RWW pump 1 is out of service for discharge valve repair
RWW pump 3 is out of service.
SWW pump 3 is out of service for motor and discharge valve repair.
SWW pump 5 is out of service for electrical repair.
Digester #6 is out of service for cleaning and rehab
Aeration tanks 1B, 2B, 3B, 4B, 5B, 6B, 7B and 8B are out of service for phase 1 of the secondary treatment rehab project.
Final Clarifiers 1B, 2B, 3B, 4B, 5B, 6B, 7B and 8B are out of service for phase 1 of the secondary treatment rehab project.
On Page 3 the sludge removal from plant figures represent the solids removed this month from Phase 1 of the secondary treatment capital project. Amount reported in tons not cu.yds.

30 day flow-weighted avg(1) Influent(mg/l)	Effluent(mg/l)	Monthly Minimum(1)	Maximum(1)	30 day Geo. Mean(1)	
2.89	0.83	0.00	2.00	212	All sample analyses are performed by the Buffalo Sewer Authority Lab # 10132 unless otherwise noted
518.36 lbs/day					

Effect on Receiving Stream

NAME OF RECEIVING STREAM			
DATE	STATION	PARAMETER	RESULT

Name and amount of chemicals used in treatment process

during month:

a. NaOCl	110214	gals.
b. Polymer-thick.	341284	lbs.
c. Polymer-cond.	68772	lbs.
d.		lbs.
e.		lbs.
f.		lbs.

Amount of electrical power consumed:

a. Commercial	4144288	kilowatt hours
b. Stand-by		kilowatt hours

Amount of fuel consumed:

a. Natural Gas	79390000	cubic feet
b. Oil		gallons
c. Gasoline		gallons
d. Coal		tons
e. Digester Gas	14002464	cubic feet
f. Propane		gallons

Sludge removal from plant:

a. Amount	1241	cu.yds
b. Solid Content	66	%
c. Volatile Solids Content	15.5	%
d. Disposal Site		

Other Solid Wastes:

a. Screenings	94640	lbs.
b. Grit	12920	lbs.
c. Ashes	545.73	tons
d.		
e.		
f.		
g. Disposal Site		

Digester Gas Wasted 1023585 cubic feet

Labor Expended:

POSITION NAME	NUMBER FULL TIME	NUMBER PART TIME	TOTAL HOURS

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a CLass A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative

BUFFALO SEWER AUTHORITY

SECONDARY TREATMENT BYPASS **August** **2025**

Report Date: *09/22/2025*

Day	Date	Start Time	End Time	Duration, Hours	FLOWS, MG #001	CHLORINE RESIDUAL, mg/l MAX	Sample Time	FECAL COLIFORMS Col./ 100 mL	7Day G.M.	SET. SOLIDS mL/L	OIL & GREASE mg/L *	EVENT COMPOSITE BOD mg/L	SUSP. SOLIDS mg/L	AMM-ONIA as NH3 mg/L *	lbs/ day	NITRO-GEN TKN mg/L *	TOT. PHOS-PHATES mg/L
Fri	1	02:44	10:11	7.45	14	0.1	05:44	9200000		0.8					946		
							05:44 (Comp.)				B	152	110	8.30		13.00	2.60
							09:44	16000000	3814343	0.9							
Sat	2	02:39	09:09	6.50	16	0.3									1735		
							05:39	16000000	4225697	0.3							
							05:39 (Comp.)				21.2	283	136	13.00		17.00	4.90
Thu	7	01:23	05:52	4.48	10	0.1									842		
							04:23	5400000	10619532	0.3							
							04:23 (Comp.)				12.6	125	79	9.70		14.00	2.60
Mon	11	13:20	21:42	8.37	27	0.1									3611		
							16:20	16000000		4.3							
							16:20 (Comp.)				20.9	176	70	16.00		21.00	3.10
							20:20	16000000	11139813	0.7							
Tue	12	03:39	07:04	3.42	10	0.1									1054		
							06:39	9200000	10619532	0.2							
							06:39 (Comp.)				28.5	195	83	13.00		15.00	3.60
Wed	13	04:41	22:38	17.95	77	0.1									4285		
							07:41	16000000		0.3							
							07:41 (Comp.)				18.2	94	103	6.70		12.00	2.40
							11:41	3500000		0.2							
							15:41	3500000		0.1							
							19:41	5400000	7782765	0.1							
Sun	17	08:23	21:22	12.98	97	0.2									2820		
							11:23	1300000		3.0							
							11:23 (Comp.)				10.5	64	171	3.50		6.90	1.60
							15:23	790000		1.2							
							19:23	5400000	5176833	0.3							
Thu	28	17:13	24:00	6.78	43	0.1									1950		
							20:13	540000	540000	2.1							
							20:13 (Comp.)				B	115	151	5.40		11.00	2.20
Fri	29	00:00	02:37	2.62	10										450		
							00:01 (Carry)							5.40			
							00:14	490000	514393	0.9							
TOTAL					303						111.9						
MAXIMA						0.3		16000000	11139813	4.3	28.5	283	171	16.00	4285	21.00	4.90
MINIMA																	
AVERAGE								4642248 G.M.				151	113	9.00	1966	13.74	2.88
COUNT					9												

NOTE: A time of "00:00" stands for 12 Midnight.
G.M Geometric Mean
FWA Flow-Weighted Average
B Below Reporting Limit
N Not Detected

** HEM, TKN, and NH3 are analyzed by contract lab #10026*

BUFFALO SEWER AUTHORITY

HEADWORKS BYPASS **August 2025**

Report Date: 09/22/25

Day Date	Start Time	End Time	Duration, Hours	ESTIMATED FLOWS, MG #01A	Sample Time	SET. SOLIDS mL/L	OIL & GREASE mg/L*	BOD mg/L	SUSP. SOLIDS mg/L
Sun 17	08:26	09:36	1.17	0.10	08/17/25 08:26	6.0	11.3	134	233
TOTAL				0.10			11.3		
MAXIMA						6.0	11.3	134	233
MINIMA									
AVERAGE								134	233
COUNT				1					

NOTE: A time of "00:00" stands for 12 Midnight.
G.M Geometric Mean
FWA Flow-Weighted Average

* HEM is analyzed by contract lab #10026

BUFFALO SEWER AUTHORITY
MONTHLY LABORATORY DATA

August 2025

WEATHER, FLOWS & TEMPERATURES

DAY	DATE	PRECIPITATION RAIN INCHES	PRECIPITATION SNOW INCHES	FLOWS (MGD) SEWAGE RAW MAX	RAW AVG	RAW MIN	#001 (MG)	FE	TEMPERATURES AIR [F] MAX	AIR MIN	AIR AVG	SEWAGE [F] RAW	SEWAGE [F] FE
Fri	1	0	0	123	65	34	14	48	76	53	65	72	74
Sat	2	0	0	151	76	41	16	59	78	51	65	73	75
Sun	3	0	0	100	67	50		71	80	56	68	73	75
Mon	4	0	0	107	76	48		79	84	60	72	73	75
Tue	5	0	0	107	71	47		74	89	64	77	72	74
Wed	6	T	0	167	78	40		80	85	67	76	74	76
Thu	7	0	0	150	74	46	10	76	85	66	76	73	75
Fri	8	0	0	92	69	49		72	87	66	77	73	75
Sat	9	0	0	92	64	44		65	89	67	78	74	76
Sun	10	0	0	81	58	35		62	91	68	80	70	72
Mon	11	0	0	160	77	39	27	51	91	67	79	73	75
Tue	12	0	0	114	59	40	10	57	91	70	81	75	77
Wed	13	.49	0	257	135	43	77	59	83	70	77	75	77
Thu	14	0	0	103	68	45		74	84	66	75	74	76
Fri	15	0	0	101	78	52		80	89	62	76	73	75
Sat	16	0	0	94	61	42		68	88	64	76	73	75
Sun	17	.95	0	370	192	59	97	96	76	62	69	72	73
Mon	18	0	0	124	92	72		96	73	55	64	72	74
Tue	19	.04	0	125	81	51		85	79	57	68	72	74
Wed	20	.14	0	135	98	59		104	68	59	64	74	76
Thu	21	T	0	124	86	58		90	70	57	64	73	75
Fri	22	0	0	111	73	45		75	81	54	68	73	75
Sat	23	0	0	100	72	46		76	80	61	71	73	75
Sun	24	.16	0	171	86	50		92	75	64	70	73	75
Mon	25	T	0	108	75	52		77	71	59	65	73	75
Tue	26	T	0	108	73	49		76	70	55	63	73	75
Wed	27	0	0	107	68	30		68	70	52	61	73	75
Thu	28	.57	0	333	131	14	43	86	72	55	64	72	74
Fri	29	0	0	276	117	77	10	89	64	50	57	73	75
Sat	30	0	0	116	82	62		74	70	43	57	72	74
Sun	31	0	0	98	67	47		67	75	48	62	72	73
TOTALS		2.35			2568		303	2327					
MAXIMA		0.95		370	192			104	91			75	77
MINIMA					58	14		48		43		70	72
AVERAGE		0.08			82.8			75.1			70	73	75
COUNT		6					8						

Laboratory analyses performed by NELAC accredited laboratory 10132 and/or 10026

12-MONTH FLOW AVG:	108	MGD
TOTAL ASH:	545.73	tons
POLYMER THICK.:	341284	lbs
POLYMER COND.:	68772	lbs
ELECTRICITY:	4144288	kwatts
SCREENINGS:	94640	lbs
DIG. GAS-METERED:	15026049	cu.ft.
USED:	14002464	cu.ft.
WASTED:	1023585	cu.ft.
LBS POLY/DT COND:	56	lbs
LBS POLY/DT THCK:	151	lbs

NOTES:

TERMS: *#001* Primary Treatment Discharge
RAW Raw Sewage Influent
PFO Primary Treatment Flow Out
ATI Aeration Flow IN
FE Plant Final Effluent

T Trace
TS Total Solids
TSS Total Suspended Solids
VM Volatile Matter
MGD Million Gallons per Day

August 2025	pH (S.U.)						SETTLEABLE SOLIDS (mL/L)										
	RAWINFLUENT			FINAL EFFLUENT			RAW INFLUENT								FINAL EFFLUENT		
DAY DATE	MIN	MAX	AVER	MIN	MAX	AVER	1 A.M.	5 A.M.	9 A.M.	1 P.M.	5 P.M.	9 P.M.	MAX	AVER	MAX		AVER
Fri 1	6.8	7.0	6.9	7.1	7.2	7.2	0.4	0.6	2.9	0.8	0.6	0.4	2.9	1.0	0.6	<	0.2
Sat 2	6.4	7.0	6.8	7.1	7.3	7.2	0.2	0.4	0.9	0.6	1.2	0.8	1.2	0.7	<0.1	<	0.1
Sun 3	6.8	7.0	6.9	7.2	7.3	7.3	0.8	1.1	1.3	0.6	1.1	0.9	1.3	1.0	<0.1	<	0.1
Mon 4	6.6	7.0	6.8	7.1	7.3	7.2	4.9	7.2	4.6	5.2	4.5	1.3	7.2	4.6	<0.1	<	0.1
Tue 5	6.5	6.8	6.7	7.1	7.2	7.2	1.8	0.8	2.8	1.7	3.2	2.2	3.2	2.1	<0.1	<	0.1
Wed 6	6.6	6.9	6.7	7.1	7.3	7.2	1.1	3.5	1.9	0.8	3.6	8.8	8.8	3.3	<0.1	<	0.1
Thu 7	6.4	6.7	6.6	7.1	7.2	7.1	0.6	4.0	0.3	0.2	0.2	1.8	4.0	1.2	<0.1	<	0.1
Fri 8	6.5	6.8	6.6	7.1	7.2	7.2	0.6	1.8	1.0	0.9	4.0	4.0	4.0	2.1	<0.1	<	0.1
Sat 9	6.3	6.7	6.5	7.2	7.2	7.2	3.5	3.5	2.5	2.1	2.4	1.7	3.5	2.6	<0.1	<	0.1
Sun 10	6.0	6.8	6.4	7.0	7.2	7.1	3.5	2.0	1.7	2.7	2.0	1.6	3.5	2.3	<0.1	<	0.1
Mon 11	6.2	6.8	6.6	6.9	7.1	7.0	0.4	0.2	0.3	0.8	11.0	5.1	11.0	3.0	<0.1	<	0.1
Tue 12	6.3	6.7	6.5	7.0	7.1	7.1	5.3	9.7	0.1	0.2	4.5	2.3	9.7	3.7	<0.1	<	0.1
Wed 13	6.6	6.8	6.7	7.0	7.2	7.1	3.6	3.2	6.2	7.8	2.3	1.7	7.8	4.1	<1.0	<	0.2
Thu 14	6.4	6.6	6.5	6.9	7.0	7.0	1.7	0.8	0.3	0.4	2.0	1.7	2.0	1.2	<0.1	<	0.1
Fri 15	6.5	6.7	6.6	7.0	7.2	7.1	1.8	9.3	0.8	1.2	2.5	3.0	9.3	3.1	<0.1	<	0.1
Sat 16	6.5	6.7	6.6	7.1	7.3	7.2	4.0	3.5	4.0	2.8	2.5	1.4	4.0	3.0	<0.1	<	0.1
Sun 17	6.6	7.1	6.9	7.3	7.4	7.4	2.0	5.1	2.2	2.6	2.3	1.9	5.1	2.7	<0.1	<	0.1
Mon 18	6.6	7.1	6.9	7.0	7.4	7.3	1.0	0.7	0.2	0.3	2.0	2.1	2.1	1.1	<0.1	<	0.1
Tue 19	6.6	6.8	6.7	7.0	7.2	7.1	3.5	2.2	1.2	2.3	3.8	3.6	3.8	2.8	<0.1	<	0.1
Wed 20	6.6	6.8	6.7	6.9	7.2	7.1	2.5	2.9	1.9	4.0	1.3	1.6	4.0	2.4	<0.1	<	0.1
Thu 21	6.5	6.7	6.6	7.0	7.1	7.0	2.5	6.4	3.9	3.2	1.8	1.8	6.4	3.3	<0.1	<	0.1
Fri 22	6.5	6.7	6.6	7.1	7.3	7.2	1.7	2.3	0.6	1.6	4.5	3.0	4.5	2.3	<0.1	<	0.1
Sat 23	6.5	6.7	6.6	7.1	7.2	7.1	2.2	1.8	0.9	2.0	4.1	4.8	4.8	2.6	<0.1	<	0.1
Sun 24	6.6	6.9	6.7	6.9	7.3	7.1	3.8	2.1	1.1	5.0	9.1	4.1	9.1	4.2	<0.1	<	0.1
Mon 25	6.6	6.9	6.8	6.8	7.1	7.0	2.1	2.0	0.7	0.3	4.5	3.7	4.5	2.2	<0.1	<	0.1
Tue 26	6.4	6.6	6.5	6.9	7.0	7.0	4.9	5.1	1.6	2.2	2.9	3.1	5.1	3.3	<0.1	<	0.1
Wed 27	6.2	6.7	6.5	6.9	7.0	7.0	1.6	2.4	1.5	1.8	3.2	3.5	3.5	2.3	<1.2	<	0.2
Thu 28	6.4	6.6	6.5	6.9	7.1	7.0	4.2	3.1	3.3	0.7	8.4	9.3	9.3	4.8	<0.1	<	0.1
Fri 29	6.7	6.9	6.8	6.9	7.1	7.0	4.3	4.8	1.0	0.2	2.0	1.5	4.8	2.3	<0.1	<	0.1
Sat 30	6.6	6.8	6.7	7.1	7.1	7.1	2.5	2.0	1.0	1.1	2.8	2.5	2.8	2.0	<0.1	<	0.1
Sun 31	6.7	7.0	6.8	7.1	7.2	7.1	3.1	3.3	0.4	0.3	3.6	3.4	3.6	2.4	<0.1	<	0.1
TOTALS																	
MAXIMA		7.1	6.9		7.4	7.4	5.3	9.7	6.2	7.8	11.0	9.3	11.0	4.8	1.2	<	0.2
MINIMA	6.0		6.4	6.8		7.0								0.7		<	0.1
AVERAGES			6.7			7.1	2.5	3.2	1.7	1.8	3.4	2.9		2.6		<	0.1
COUNT							31	31	31	31	31	31		186			

BUFFALO SEWER AUTHORITY
MONTHLY LABORATORY DATA

August 2025		BIOCHEMICAL OXYGEN DEMAND							% REMOVAL		CBOD	
DAY	DATE	mG/L	7DAY AVG	RAW 1000#	ATI mG/L	FE mG/L	7DAY AVG	FE 1000#	7DAY 1000#	DAILY	7DAY AVG	FE mG/L	FE 1000#
Fri	1	87		47.09	108	9.9		3.97		88.62			
Sat	2	149	123.86	94.01	103	8.9	24.97	4.39	12.49	94.03	79.84		
Sun	3	74		41.09	69	12.0		7.09		83.78			
Mon	4	140		89.14	116	8.5		5.63		93.93			
Tue	5	126		74.75	107	15.0		9.26		88.10			
Wed	6	150		97.41	84	20.0		13.40		86.67			
Thu	7	146		90.45	85	21.0		13.32		85.62		5.4	3.4
Fri	8	181		103.58	111	12.0		7.19		93.37			
Sat	9	144	137.29	76.75	129	25.0	16.21	13.65	9.93	82.64	88.19		
Sun	10	152		73.03	174	33.0		17.10		78.29			
Mon	11	114		73.55	81	29.0		12.27		74.56			
Tue	12	128		63.28	111	24.0		11.33		81.25			
Wed	13	108		121.43	84	28.0		13.86		74.07			
Thu	14	128		72.35	80	17.0		10.48		86.72		6.3	3.9
Fri	15	126		81.94	111	29.0		19.45		76.98			
Sat	16	122	125.43	62.01	92	19.0	25.57	10.79	13.61	84.43	79.61		
Sun	17	58		93.05	82	20.0		16.01		65.52			
Mon	18	53		40.78	51	10.0		7.98		81.13			
Tue	19	132		89.38	86	13.0		9.26		90.15			
Wed	20	111		90.83	82	22.0		18.99		80.18			
Thu	21	102		72.83	71	13.0		9.76		87.25		3.4	2.6
Fri	22	142		86.31	85	11.0		6.84		92.25			
Sat	23	120	102.57	71.77	101	9.7	14.10	6.14	10.71	91.92	86.25		
Sun	24	124		89.18	93	9.0		6.91		92.74			
Mon	25	108		67.38	85	8.2		5.27		92.41			
Tue	26	147		89.33	99	12.0		7.62		91.84			
Wed	27	106		59.76	90	21.0		11.98		80.19			
Thu	28	162		177.51	122	11.0		7.90		93.21		4.4	3.2
Fri	29	73		71.39	71	6.6		4.87		90.96			
Sat	30	113	119.00	77.27	77	6.0	10.54	3.72	6.90	94.69	91.14		
Sun	31	113		62.72	86	7.9		4.41		93.01			
TOTALS				2501.4				300.85					
MAXIMA		181	137.29	177.5	174	33.0	25.57	19.45	13.61	94.69		6.3	3.9
MINIMA		53		40.8	51	6.0		3.72		65.52	79.61	3.4	2.6
AVERAGES		121		80.7	94	15.9		9.70		86.85		4.9	3.3
COUNT													

BUFFALO SEWER AUTHORITY
MONTHLY LABORATORY DATA

August 2025	SUSPENDED SOLIDS											TOTAL PHOSPHATES (as P)				
DAY DATE	RAW mG/L	7DAY AVG	RAW 1000#	PFO mG/L	ATI mG/L	FE mG/L	7DAY AVG	FE 1000#	7DAY AVG	% REMOVAL DAILY	% REMOVAL AVG	RAW mG/L	RAW 1000#	FE mG/L	FE 1000#	% REM
Fri 1	72		39.0	85	145	17.0		6.8		76.4		2.4	1.30	0.52	0.21	83.93
Sat 2	87	114	54.9	57	92	9.4	15.1	4.6	7.26	89.2	88.9	3.2	2.02	0.67	0.33	83.64
Sun 3	62		34.4	53	61	9.8		5.8		84.2		2.4	1.33	0.43	0.25	80.94
Mon 4	136		86.6	81	81	11.0		7.3		91.9		3.3	2.10	0.62	0.41	80.45
Tue 5	113		67.0	66	77	11.0		6.8		90.3		3.1	1.84	0.86	0.53	71.13
Wed 6	77		50.0	67	84	7.6		5.1		90.1		4.1	2.66	1.40	0.94	64.78
Thu 7	156		96.6	95	113	11.0		7.0		92.9		3.6	2.23	1.60	1.01	54.51
Fri 8	124		71.0	80	81	6.6		4.0		94.7		4.2	2.40	1.50	0.90	62.59
Sat 9	104	110	55.4	122	79	9.2	9.5	5.0	5.84	91.2	90.4	3.1	1.65	3.80	2.07	-25.58
Sun 10	96		46.1	87	88	11.0		5.7		88.5		3.2	1.54	2.60	1.35	12.38
Mon 11	72		46.5	52	97	8.8		3.7		87.8		2.8	1.81	0.66	0.28	84.55
Tue 12	86		42.5	65	108	8.8		4.2		89.8		2.9	1.43	0.52	0.25	82.88
Wed 13	231		259.7	70	150	14.0		6.9		93.9		2.8	3.15	0.60	0.30	90.57
Thu 14	94		53.1	79	126	15.0		9.2		84.0		2.8	1.58	0.77	0.47	70.01
Fri 15	83		54.0	50	110	9.6		6.4		88.4		3.2	2.08	1.90	1.27	38.77
Sat 16	90	107	45.7	51	94	4.8	10.3	2.7	5.56	94.7	90.3	3.2	1.63	0.48	0.27	83.24
Sun 17	151		242.3		153	6.0		4.8		96.0		2.0	3.21	0.32	0.26	92.02
Mon 18	101		77.7	66	65	7.8		6.2		92.3		1.3	1.00	0.20	0.16	84.05
Tue 19	83		56.2	38	49	5.4		3.8		93.5		2.8	1.90	0.95	0.68	64.30
Wed 20	94		76.9	47	74	8.0		6.9		91.5		2.4	1.96	1.00	0.86	56.04
Thu 21	113		80.7	61	98	6.4		4.8		94.3		2.9	2.07	0.28	0.21	89.85
Fri 22	102		62.0	42	95	8.0		5.0		92.2		3.4	2.07	0.34	0.21	89.77
Sat 23	75	103	44.9	35	89	7.0	6.9	4.4	5.14	90.7	92.9	2.8	1.67	0.35	0.22	86.76
Sun 24	113		81.3	4	89	6.6		5.1		94.2		2.7	1.94	0.36	0.28	85.76
Mon 25	92		57.4	48	101	7.2		4.6		92.2		2.6	1.62	0.62	0.40	75.45
Tue 26	98		59.6	98	84	5.4		3.4		94.5		3.4	2.07	0.48	0.30	85.24
Wed 27	96		54.1	57	80	19.0		10.8		80.2		3.1	1.75	0.82	0.47	73.24
Thu 28	248		271.7	53	118	13.0		9.3		94.8		3.5	3.84	0.66	0.47	87.64
Fri 29	133		130.1	71	125	5.4		4.0		95.9		2.1	2.05	0.30	0.22	89.21
Sat 30	63	120	43.1	32	46	3.2	8.5	2.0	5.61	94.9	92.7	2.5	1.71	0.29	0.18	89.49
Sun 31	76		42.2	21	41	4.2		2.3		94.5		2.8	1.55	0.53	0.30	80.95
TOTALS			2482.7					168.9					61.17		16.07	
MAXIMA	248	120	271.7	122	153	19.0	15.1	10.8	7.26	96.0		4.2	3.84	3.80	2.07	92.02
MINIMA	62		34.4	4	41	3.2		2.0		76.4	88.9	1.3	1.00	0.20	0.16	-25.58
AVERAGES	107		80.09	61	93	8.9		5.4		91.7		2.9	1.97	0.85	0.52	70.83
COUNT																

AVG. RAWLBS/CAP: 0.22

August 2025	DISINFECTION				COLIFORMS - Colonies/100ml					
	CHLORINE RESID. (mG/L)			NaOCl						
DAY DATE	HOURLY MIN	HOURLY MAX	DAILY AVG	gal/d	RAW DAILY G.M.	FE FECAL 6 AM	FE FECAL 10 AM	FE FECAL 2 PM	DAILY G.M.	WEEKLY G.M.
Fri 1	0.34	0.95	0.64	3454		260	220	1300	421	
Sat 2	0.39	1.30	0.95	3725		18	1300		153	603.02
Sun 3	0.12	0.69	0.31	1809		2300			2300	
Mon 4	0.50	1.21	0.93	4040		45	18	18	24	
Tue 5	0.74	1.25	1.04	3616		19	20	45	26	
Wed 6	0.28	1.38	0.96	3060	22.00	18	45	68	38	
Thu 7	0.67	1.67	1.00	3227		45	78	18	40	
Fri 8	0.60	1.60	1.02	2810		18	20	18	19	
Sat 9	0.61	1.17	0.86	3326		410	40		128	42.58
Sun 10	0.77	1.90	1.09	2294		20			20	
Mon 11	0.20	1.01	0.75	2452		45	18	*****	506	
Tue 12	0.05	1.67	0.83	2551		4900	1013	20	463	
Wed 13	0.49	1.61	0.99	4837		3300	45	230	324	
Thu 14	0.75	1.30	1.01	4879		790	92	93	189	
Fri 15	0.64	1.26	0.97	4011		790	170	1300	559	
Sat 16	0.66	1.10	0.89	3331		68	330		150	291.63
Sun 17	0.29	1.12	0.79	3330		430			430	
Mon 18	0.28	1.13	0.55	4495		2300	490	2300	1374	
Tue 19	0.67	2.00	1.18	2780		20	401	78	86	
Wed 20	0.71	1.50	1.00	2862		45	18	20	25	
Thu 21	0.62	1.20	0.92	2822		220	170	460	258	
Fri 22	0.22	1.17	0.72	3760		92	110	7000	414	
Sat 23	0.14	0.64	0.42	4119		330	3300		1044	250.41
Sun 24	0.07	0.34	0.17	4843		28000			28000	
Mon 25	0.03	0.90	0.14	4500		17000	35000	7000	16089	
Tue 26	0.52	1.30	0.88	3895		28	78	20	35	
Wed 27	0.26	1.20	0.76	3409		18	20	2400	95	
Thu 28	0.23	1.44	0.91	3783		45	61	3500	213	
Fri 29	0.00	1.24	0.42	4486		13000	11000	11000	11630	
Sat 30	0.22	1.15	0.62	4285		20	18		19	553.72
Sun 31	0.10	0.66	0.28	3423		790			790	
TOTALS				110214						
MAXIMA		2.00	1.18	4879	22.00	28000	35000	*****	28000	603.02
MINIMA	0.00		0.14	1809	22.00	18	18	18	19	42.58
AVERAGES			0.77	3555	22.00 G.M.				212 G.M.	
COUNT						31	26	21		

G.M. Geometric Mean

(Raw values are in million colonies/100ml total coliforms.)
(Effluent Coliforms are in colonies/100ml.)

BUFFALO SEWER AUTHORITY
MONTHLY LABORATORY DATA

August 2025	SLUDGE INVENTORY			PRIMARY REMOVAL													
				GRIT				PRIMARY SLUDGE					THICKENED RAW SLUDGE				
DAY DATE	A	B	TOTAL 1000#	TS %	VM %	WET SOLIDS 1000#	DS 1000#	1000G	TS %	1000#	VM %	pH	FLOW 1000G	TS %	TS 1000#	VM %	VM 1000#
Fri 1	511	0	511	89.1	3.7			1004.5	0.20	16.76	59.3	7.1					
Sat 2	529	0	529					1011.7	0.30	25.31	62.6	6.2					
Sun 3	530	0	530	92.3	5.3			801.8	0.50	33.44	61.1	6.4					
Mon 4	577	0	577	73.6	20.9			831.2	0.10	6.93	66.5	6.8					
Tue 5	562	0	562	86.7	8.7			838.3	0.30	20.97	84.4	6.4					
Wed 6	567	0	567	64.8	28.0			834.2	0.60	41.74	77.8	6.3					
Thu 7	544	0	544	67.8	37.8			819.4	0.60	41.00	69.3	6.4					
Fri 8	551	0	551	70.7	25.6			793.2	0.30	19.85	82.0	6.9					
Sat 9	521	0	521					799.7	0.70	46.69	79.9	5.3					
Sun 10	510	0	510	83.2	14.0			773.6	0.90	58.07	81.9	5.3					
Mon 11	488	0	488	78.9	22.3			802.2	0.30	20.07	75.5	5.9					
Tue 12	485	0	485	65.0	21.2			808.9	0.80	53.97	78.1	5.7					
Wed 13	453	0	453	63.0	31.1			935.1	0.70	54.59	60.5	6.1					
Thu 14	439	0	439	63.3	32.0			967.8	0.20	16.14	57.2	6.1					
Fri 15	455	0	455	71.7	29.1			1015.9	0.20	16.94	56.0	6.3					
Sat 16	457	0	457					1023.2	0.50	42.67	62.8	5.6					
Sun 17	469	0	469	57.8	35.4			1134.7	0.40	37.85	70.3	5.9					
Mon 18	494	0	494	68.6	25.0			1146.8	1.20	114.77	40.9	6.0					
Tue 19	521	0	521	87.7	7.4			1087.8	0.80	72.58	60.3	5.7					
Wed 20	529	0	529	90.1	5.1			1191.8	0.30	29.82	66.5	6.0					
Thu 21	541	0	541	83.6	9.2			1201.5	0.60	60.12	65.3	5.9					
Fri 22	553	0	553	81.7	13.3			924.4	0.40	30.84	69.3	5.9					
Sat 23	541	0	541					957.5	0.20	15.97	69.0	6.0					
Sun 24	547	0	547	77.4	15.0			965.7	0.40	32.21	68.0	6.4					
Mon 25	546	0	546	81.1	11.1			941.3	1.00	78.51	65.4	5.8					
Tue 26	538	0	538	82.4	8.4			970.8	0.20	16.19	62.7	6.3					
Wed 27	539	0	539	69.4	19.7			978.8	0.30	24.49	68.5	6.2					
Thu 28	524	0	524	57.0	34.0			965.9	0.10	8.06	64.8	6.4					
Fri 29	524	0	524	66.7	22.8			974.7	0.50	40.64	67.8	6.6					
Sat 30	503	0	503					1117.2	0.40	37.27	51.9	6.0					
Sun 31	503	0	503	82.8	14.3			928.4	0.30	23.23	72.3	6.1					
TOTALS	16050	0	16050					29548.2		1137.70							
MAXIMA	577	0	577	92.3	37.8			1201.5	1.2	114.77	84.4	7.1					
MINIMA	439	0	439	57.0	3.7			773.6	0.1	6.93	40.9	5.3					
AVERAGES	518	0	518	75.2	19.2			953.2	0.5	36.70	67.0	6.1					
COUNT																	

CF/MG: GRIT: 0 LBS.

August 2025	THICKENERS																
	THICKENER FEED			THICKENED SLUDGE										THICKENERS TOTAL		SUBN
							To Mix Tanks		To Digesters		Total					
DAY DATE	FLOW 1000G	TSS mG/L	TSS 1000#	TS %	VM %	pH	FLOW 1000G	TS 1000#	FLOW 1000G	TS 1000#	FLOW 1000G	TS 1000#	VM 1000#	TS 1000#	VM 1000#	TSS mG/L
Fri 1	2301	8192	157.2	7.6	61.3				293.5	186.0	293.5	186.0	114.0	186.0	114.0	26
Sat 2	2308	3788	72.9	4.7	68.6				293.5	115.0	293.5	115.0	78.9	115.0	78.9	2
Sun 3	2099	14728	257.8	5.2	69.0				278.0	120.6	278.0	120.6	83.2	120.6	83.2	31
Mon 4	2128	4364	77.4	5.2	70.0				279.5	121.2	279.5	121.2	84.8	121.2	84.8	6
Tue 5	2135	19092	340.0	5.1	71.8				302.3	128.6	302.3	128.6	92.3	128.6	92.3	40
Wed 6	2131	7314	130.0	5.3	72.4				308.5	136.4	308.5	136.4	98.7	136.4	98.7	1
Thu 7	2116	21844	385.5	5.5	68.6				335.7	154.0	335.7	154.0	105.6	154.0	105.6	278
Fri 8	2276	7064	134.1	9.2	63.4				335.7	257.6	335.7	257.6	163.3	257.6	163.3	32
Sat 9	2295	6922	132.5	5.0	74.2				325.1	135.6	325.1	135.6	100.6	135.6	100.6	47
Sun 10	2269	6322	119.6	5.7	77.4				320.1	152.2	320.1	152.2	117.8	152.2	117.8	66
Mon 11	2298	7492	143.6	4.9	75.0				290.4	118.7	290.4	118.7	89.0	118.7	89.0	2
Tue 12	2305	4766	91.6	5.9	84.2				257.1	126.5	257.1	126.5	106.5	126.5	106.5	46
Wed 13	2431	5936	120.4	4.4	73.5				266.8	97.9	266.9	97.9	72.0	97.9	72.0	31
Thu 14	2464	7996	164.3	5.4	65.9				326.7	147.2	326.7	147.2	97.0	147.2	97.0	2
Fri 15	2512	5448	114.1	5.2	69.9				326.7	141.7	326.7	141.7	99.0	141.7	99.0	107
Sat 16	2451	6838	139.8	5.6	69.7				265.0	123.8	265.0	123.8	86.3	123.8	86.3	26
Sun 17	2431	4574	92.7	6.6	70.4				262.0	144.2	262.0	144.2	101.5	144.2	101.5	29
Mon 18	2443	5786	117.9	6.0	62.7				284.0	142.1	284.1	142.1	89.1	142.1	89.1	106
Tue 19	2384	9218	183.3	6.2	63.4				284.0	146.9	284.1	146.9	93.1	146.9	93.1	11
Wed 20	2488	8174	169.6	6.2	68.4				238.7	123.4	238.7	123.4	84.4	123.4	84.4	25
Thu 21	2498	5890	122.7	6.3	66.6				233.0	122.4	233.0	122.4	81.5	122.4	81.5	8
Fri 22	2111	13560	238.8	6.6	70.7				282.4	155.4	282.4	155.4	109.9	155.4	109.9	16
Sat 23	2154	5030	90.4	5.2	97.1				282.4	122.5	282.4	122.5	118.9	122.5	118.9	36
Sun 24	2162	6130	110.5	5.3	73.1				270.1	119.4	270.1	119.4	87.3	119.4	87.3	35
Mon 25	2138	7368	131.4	5.3	69.2				270.3	119.5	270.3	119.5	82.7	119.5	82.7	38
Tue 26	2167	5274	95.3	5.6	71.2				270.3	126.3	270.3	126.3	89.9	126.3	89.9	2
Wed 27	1808	4542	68.5	6.5	72.9				213.4	115.7	213.4	115.7	84.3	115.7	84.3	19
Thu 28	2032	5520	93.6	6.6	72.3				229.9	126.5	229.9	126.5	91.5	126.5	91.5	1
Fri 29	2161	7262	130.9	7.9	72.0				297.6	196.0	297.6	196.0	141.2	196.0	141.2	2
Sat 30	2267	8930	168.9	6.1	67.8				349.3	177.7	349.3	177.7	120.5	177.7	120.5	2
Sun 31	2078	8074	140.0	5.5	69.8				349.3	160.2	349.3	160.2	111.8	160.2	111.8	4
TOTALS	69842		4535.1				0.1	0.1	8922	4361.1	8922	4361.2	3076.9	4361.2	3076.9	
MAXIMA	2512	21844	385.5	9.2	97.1			0.0	349.3	257.6	349.3	257.6	163.3	257.6	163.3	278
MINIMA	1808	3788	68.5	4.4	61.3			0.0	213.4	97.9	213.4	97.9	72.0	97.9	72.0	1
AVERAGES	2253	7853	146.3	5.9	71.0	0.0		0.0	287.8	140.7	287.8	140.7	99.3	140.7	99.3	35
COUNT																

Thickener Feed Flow is the Total of WAS (A & B Batteries), scum and raw sludge.

Terms: Subn. Thickener Subnatent

August 2025	DIGESTER CONTENTS																											
	#1							#2							#3							#4						
DAY DATE	TS %	VM %	pH	ALK mG/L	VA mG/L	VA/ ALK	SLDG TEMP	TS %	VM %	pH	ALK mG/L	VA mG/L	VA/ ALK	SLDG TEMP	TS %	VM %	pH	ALK mG/L	VA mG/L	VA/ ALK	SLDG TEMP	TS %	VM %	pH	ALK mG/L	VA mG/L	VA/ ALK	SLDG TEMP
Fri 1							97							100							94							99
Sat 2							103							100							94							99
Sun 3							98							100							94							99
Mon 4							98							100							94							99
Tue 5	3.6	54.1	7.7	5620	600	0.107	98	3.6	54.2	7.6	5750	510	0.089	100	3.6	55.9	7.6	6120	465	0.076	93							98
Wed 6							98							100							93							98
Thu 7							98							100							95	3.6	56.5	7.5	5810	615	0.106	98
Fri 8							99							100							97							98
Sat 9							99							100							99							97
Sun 10							100							99							100							97
Mon 11							100							99							102							97
Tue 12	3.5	55.7	7.5	5760	615	0.107	100	3.5	54.9	7.5	5910	690	0.117	99	3.5	56.2	7.5	5780	690	0.119	103							98
Wed 13							101							99							103							98
Thu 14							100							99							104	3.5	55.3	7.6	5930	630	0.106	97
Fri 15							100							99							104							97
Sat 16							100							99							104							97
Sun 17							100							98							104							97
Mon 18							100							98							104							97
Tue 19	3.6	55.6	7.5	5830	600	0.103	100	3.6	55.0	7.6	5730	525	0.092	98	3.5	55.6	7.6	5930	585	0.099	103							99
Wed 20							99							98							103							100
Thu 21							98							98							102	3.6	53.3	7.5	5960	615	0.103	100
Fri 22							98							98							102							100
Sat 23							98							98							102							100
Sun 24							97							98							102							100
Mon 25							96							98							101							99
Tue 26	3.6	54.1	7.5	5930	645	0.109	96	3.6	54.1	7.5	5890	480	0.081	98	3.5	55.4	7.5	5800	510	0.088	101							99
Wed 27							95							98							101							99
Thu 28							95							98							100	3.6	55.2	7.5	6100	600	0.098	98
Fri 29							94							98							100							98
Sat 30							94							98							100							97
Sun 31							95							98							99							97
TOTALS																												
MAXIMA	3.6	55.7	7.7	5930	645	0.109	103	3.6	55.0	7.6	5910	690	0.117	100	3.6	56.2	7.6	6120	690	0.119	104	3.6	56.5	7.6	6100	630	0.106	100
MINIMA	3.5	54.1	7.5	5620	600	0.103	94	3.5	54.1	7.5	5730	480	0.081	98	3.5	55.4	7.5	5780	465	0.076	93	3.5	53.3	7.5	5810	600	0.098	97
AVERAGES	3.6	54.9	7.5	5785	615	0.106	98	3.6	54.5	7.5	5820	551	0.095	99	3.5	55.8	7.5	5908	563	0.095	100	3.6	55.1	7.5	5950	615	0.103	98
COUNT																												

TERMS: ALK Alkalinity (as Calcium Carbonate)
V.A. Volatile Acids

BUFFALO SEWER AUTHORITY
MONTHLY LABORATORY DATA

August 2025	DIGESTER CONTENTS														DIGESTERS COMBINED OUTFLOW (DFO)				
	#5							#6											
DAY DATE	TS %	VM %	pH	ALK mG/L	VA mG/L	VA/ ALK	SLDG TEMP	TS %	VM %	pH	ALK mG/L	VA mG/L	VA/ ALK	SLDG TEMP	TS %	VM %	FLOW 1000G	TS 1000#	VM 1000#
Fri 1							94								3.6	57.0	240.1	72.09	41.09
Sat 2							96								3.6	53.9	208.8	62.70	33.80
Sun 3							98								3.6	54.3	257.9	77.43	42.04
Mon 4							98								3.6	54.7	257.9	77.43	42.35
Tue 5							100								3.6	58.8	258.8	77.70	45.69
Wed 6							100								3.6	56.2	258.8	77.70	43.67
Thu 7	3.6	57.9	7.5	5560	675	0.121	100								3.5	55.7	258.3	75.38	41.99
Fri 8							103								3.8	52.9	230.8	73.14	38.69
Sat 9							99								3.6	54.8	229.6	68.93	37.77
Sun 10							102								3.6	56.2	229.6	68.93	38.74
Mon 11							107								3.6	54.7	225.4	67.68	37.02
Tue 12							104								3.6	53.7	229.4	68.88	36.99
Wed 13							105								3.6	53.7	229.4	68.88	36.99
Thu 14	3.4	56.6	7.5	5790	600	0.104	100								3.9	52.2	227.2	73.90	38.58
Fri 15							100								4.9	47.2	185.3	75.74	35.75
Sat 16							100								3.5	54.3	151.8	44.31	24.06
Sun 17							97								3.9	50.3	226.7	73.75	37.09
Mon 18							96								3.6	53.4	226.7	68.07	36.35
Tue 19							96								3.8	50.8	212.7	67.40	34.24
Wed 20							94								3.6	54.2	212.7	63.85	34.61
Thu 21	3.8	56.9	7.3	5120	765	0.149	92								3.6	54.5	208.9	62.71	34.18
Fri 22							89								3.6	55.2	189.6	56.93	31.43
Sat 23							83								3.4	55.6	229.7	65.12	36.21
Sun 24							91								4.5	45.6	240.5	90.27	41.16
Mon 25							90								3.9	50.0	240.5	78.23	39.11
Tue 26							90								3.6	54.3	236.4	70.99	38.55
Wed 27							92								6.2	37.4	188.1	97.27	36.38
Thu 28	3.6	56.1	7.4	6020	630	0.105	95								3.5	52.6	188.1	54.91	28.88
Fri 29							97								3.5	56.2	116.2	33.91	19.06
Sat 30							91								3.6	53.9	170.9	51.32	27.66
Sun 31							94								3.7	54.2	292.6	90.28	48.93
TOTALS																	6859.4	2155.83	1139.05
MAXIMA	3.8	57.9	7.5	6020	765	0.149	107								6.2	58.8	292.6	97.27	48.93
MINIMA	3.4	56.1	7.3	5120	600	0.104	83								3.4	37.4	116.2	33.91	19.06
AVERAGES	3.6	56.9	7.4	5623	668	0.120	96				0	0		0	3.8	53.2	221.3	69.54	36.74
COUNT																			

TERMS: ALK Alkalinity (as Calcium Carbonate)
VA Volatile Acids

August 2025	ACTIVATED SLUDGE PROCESS											SLUDGE FILTRATION								
	MIXED LIQUORS			RETURNED (RAS)			WASTED (WAS)					FFI						CFI		
DAY DATE	A Battery MLSS mG/L	A Battery SVI	B Battery MLSS mG/L	B Battery SVI	A Battery TSS mG/L	A Battery VM %	B Battery TSS mG/L	B Battery VM %	A Battery FLOW MGD	A Battery TSS 1000#	B Battery FLOW MGD	B Battery TSS 1000#	TOTAL TSS 1000#	TS %	VM %	pH	FLOW 1000G	TS 1000#	VM 1000#	FLOW 1000G	TS 1000#	VM 1000#
Fri 1	2921	299			7158	72.8			1.30	77.38	0.00		77.4	3.6	55.6	7.7				224	67.2	37.4
Sat 2	2978	291			6340	69.0			1.30	68.53	0.00		68.5	3.4	55.5	7.8				273	77.3	42.9
Sun 3	2950	267			7572	70.8			1.30	81.89	0.00		81.9	3.4	55.1	7.7				317	89.8	49.5
Mon 4	3354	229			7380	74.3			1.30	79.81	0.00		79.8	3.5	55.3	7.5				317	92.5	51.1
Tue 5	2468	233			9076	79.7			1.30	98.16	0.00		98.2	3.6	57.2	7.8				317	95.1	54.4
Wed 6	3105	186			8078	74.7			1.30	87.35	0.00		87.3	3.4	55.7	7.8				317	89.8	50.0
Thu 7	2437	171			7358	73.2			1.30	79.56	0.00		79.6	3.4	56.2	7.4				287	81.5	45.8
Fri 8	3205	144			8370	74.4			1.48	103.53	0.00		103.5	3.3	27.5	7.7				275	75.6	20.8
Sat 9	2401	293			7016	76.6			1.50	87.52	0.00		87.5	3.4	55.8	7.6				288	81.7	45.6
Sun 10	1735	399			6532	79.7			1.50	81.47	0.00		81.5	3.5	56.7	7.6				288	84.0	47.6
Mon 11	2010	392			4638	76.9			1.50	57.84	0.00		57.8	3.4	55.3	7.6				239	67.8	37.5
Tue 12	2174	361			5216	79.6			1.50	65.09	0.00		65.1	3.3	54.8	7.7				288	79.3	43.4
Wed 13	2258	351			5374	78.8			1.50	67.05	0.00		67.1	3.3	54.8	7.7				288	79.3	43.4
Thu 14	2321	221			4384	71.6			1.50	54.69	0.00		54.7	3.3	55.7	7.7				228	62.8	35.0
Fri 15	2310	174			7482	76.1			1.50	93.34	0.00		93.3	3.6	54.6	7.6				272	81.6	44.6
Sat 16	2223	186			7380	74.6			1.43	87.87	0.00		87.9	3.4	54.8	7.6				286	81.0	44.4
Sun 17	2303	162			6910	72.9			1.30	74.69	0.00		74.7	3.3	55.2	7.8				288	79.3	43.8
Mon 18	2777	92			10208	69.7			1.30	110.32	0.00		110.3	3.3	55.4	7.7				211	58.1	32.2
Tue 19	2906	114			8800	76.8			1.30	95.11	0.00		95.1	3.3	54.5	7.7				274	75.4	41.1
Wed 20	2504	239			8804	71.1			1.30	95.14	0.00		95.1	3.4	53.4	7.6				266	75.4	40.3
Thu 21	2151	267			8258	72.5			1.30	89.29	0.00		89.3	3.5	54.4	7.8				295	86.0	46.8
Fri 22	2689	288			8962	73.0			1.19	88.70	0.00		88.7	3.4	54.9	7.6				292	82.9	45.5
Sat 23	2671	224			8238	73.8			1.20	82.22	0.00		82.2	3.4	54.8	7.7				291	82.6	45.3
Sun 24	2887	191			8372	73.0			1.20	83.55	0.00		83.5	3.4	55.6	7.7				302	85.7	47.6
Mon 25	2521	217			9208	75.0			1.20	91.87	0.00		91.9	3.4	54.3	7.6				299	84.7	46.0
Tue 26	2473	221			7356	71.0			1.20	73.39	0.00		73.4	3.7	55.1	7.8				235	72.5	39.9
Wed 27	2650	232			9022	72.7			0.83	62.40	0.00		62.4	3.4	55.3	7.7				287	81.5	45.1
Thu 28	1990	258			8836	74.3			1.07	78.58	0.00		78.6	3.2	55.7	7.6				250	66.8	37.2
Fri 29	2701	109			8854	71.4			1.19	87.63	0.00		87.6	3.4	55.7	7.5				242	68.5	38.2
Sat 30	2441	140			8810	72.8			1.15	84.50	0.00		84.5	3.1	54.7	7.6				238	61.5	33.6
Sun 31	2792	99			8596	72.7			1.15	82.44	0.00		82.4	3.5	55.1	7.5				301	88.0	48.5
TOTALS									40.3	2550.9	0.0		2551								2435.2	1324.5
MAXIMA	3354	399			10208	79.7			1.50	110.3	0.00		110.3	3.7	57.2	7.8				317	95.1	54.4
MINIMA	1735	92			4384	69.0			0.83	54.69	0.00		54.7	3.1	27.5	7.4				211	58.1	20.8
AVERAGES	2558	227	0	0	7696	74.0	0	0.0	1.3	82.3	0.0		82.3	3.4	54.3	7.7				277	78.6	42.7
COUNT																						

TERMS:
MLSS Mixed Liquor Suspended Solids
SVI Sludge Volume Index
FFI Sludge Flow to Filter Presses

August 2025	SLUDGE CAKE SOLIDS													FFO	ASH	
DAY DATE	BELT #1 WET CAKE 1000#	TS %	TS 1000#	VM %	VM 1000#	BELT #2 WET CAKE 1000#	TS %	TS 1000#	VM %	VM 1000#	TOTALS WET CAKE 1000#	TS 1000#	VM 1000#	CEN-TRATE	TS %	VM %	TONS
Fri 1	0.0					175.7	21.9	38.48	55.7	21.43	175.7	38.5	21.43	0.1		0.3	8.5
Sat 2	1.3	22.6	0.3	54.1	0.2	187.1	22.6	42.28	54.1	22.87	188.3	42.6	23.03	0.2		0.1	9.8
Sun 3	0.0					243.0	21.7	52.73	54.5	28.74	243.0	52.7	28.74	0.2		0.2	12.0
Mon 4	0.0					267.8	21.9	58.64	54.8	32.13	267.8	58.6	32.13	0.2		0.2	13.3
Tue 5	0.0					255.0	21.5	54.82	54.5	29.88	255.0	54.8	29.88	0.1		0.1	12.5
Wed 6	0.0					257.8	21.6	55.67	55.1	30.68	257.8	55.7	30.68	0.1		0.3	12.5
Thu 7	0.3	21.9	0.1	55.2		231.2	21.9	50.64	55.2	27.95	231.5	50.7	27.98	0.2		0.3	11.4
Fri 8	0.0					220.5	21.8	48.07	55.2	26.53	220.5	48.1	26.53	0.2		0.4	10.8
Sat 9	0.0					225.9	21.9	49.47	55.7	27.55	225.9	49.5	27.55	0.2		0.3	11.0
Sun 10	0.1	25.4		54.7		221.6	21.5	47.63	56.2	26.77	221.6	47.7	26.78	0.1		0.4	10.4
Mon 11	0.0					185.9	23.2	43.14	56.2	24.24	185.9	43.1	24.24	0.2		0.3	9.4
Tue 12	0.0					267.1	22.4	59.83	56.0	33.50	267.1	59.8	33.50	0.1		0.4	13.2
Wed 13	0.0					265.8	22.0	58.47	56.1	32.80	265.8	58.5	32.80	0.1		0.3	12.8
Thu 14	0.0					220.0	22.7	49.93	55.8	27.86	220.0	49.9	27.86	0.2		0.3	11.0
Fri 15	0.0					207.4	22.9	47.49	55.4	26.31	207.4	47.5	26.31	0.2		0.2	10.6
Sat 16	0.0					242.8	22.3	54.15	54.8	29.67	242.8	54.1	29.67	0.1		0.2	12.2
Sun 17	0.0					243.7	22.3	54.35	55.5	30.16	243.7	54.3	30.16	0.1		0.2	12.1
Mon 18	0.0					186.9	22.7	42.43	55.6	23.59	186.9	42.4	23.59	0.1		0.4	9.4
Tue 19	0.0					212.1	23.0	48.79	55.4	27.03	212.1	48.8	27.03	0.1		0.3	10.9
Wed 20	0.0					204.6	23.1	47.27	54.4	25.71	204.6	47.3	25.71	0.1		0.1	10.8
Thu 21	52.2	22.4	11.7	54.6	6.4	160.0	22.9	36.63	54.4	19.93	212.1	48.3	26.31	0.1		0.2	11.0
Fri 22	212.1	22.6	47.9	53.9	25.8	0.2	22.5	0.05	54.8	0.03	212.4	48.0	25.87	0.1		0.2	11.1
Sat 23	205.5	22.9	47.1	54.4	25.6	0.1	23.6	0.02	54.1	0.01	205.6	47.1	25.61	0.1		0.2	10.7
Sun 24	224.3	22.3	50.0	54.7	27.4	0.1	22.6	0.02	54.5	0.01	224.4	50.0	27.38	0.1		0.3	11.3
Mon 25	223.6	22.2	49.6	55.4	27.5	0.1	22.2	0.02	55.3	0.01	223.7	49.7	27.52	0.2		0.3	11.1
Tue 26	166.2	23.5	39.1	54.9	21.4	0.0					166.2	39.1	21.44	0.1		0.2	8.8
Wed 27	194.9	23.5	45.8	53.7	24.6	0.1	21.5	0.02	53.0	0.01	194.9	45.8	24.60	0.2		0.2	10.6
Thu 28	166.8	23.1	38.5	43.6	16.8	0.1	22.1	0.02	54.5	0.01	166.8	38.5	16.81	0.1		0.2	10.9
Fri 29	148.3	22.9	34.0	54.4	18.5	0.2	23.1	0.04	53.3	0.02	148.5	34.0	18.50	0.1		0.3	7.8
Sat 30	156.1	23.4	36.5	54.5	19.9	0.2	24.0	0.05	53.9	0.03	156.3	36.6	19.93	0.1		0.2	8.3
Sun 31	217.1	21.6	46.9	56.6	26.5	0.3	22.0	0.07	55.6	0.04	217.5	47.0	26.59	0.1		0.3	10.2
TOTALS	1968.7		447.5		240.6	4683.3		1041.23		575.54	6652	1489	816				336.3
MAXIMA	224.3	25.4	50.0	56.6	27.5	267.8	24.0	59.83	56.2	33.50	267.8	59.8	33.5	0.2		0.4	13.3
MINIMA	0.0	21.6	0.0	43.6	0.01	0.0	21.5	0.008	53.0	0.00	148.5	34.0	16.8	0.1		0.1	7.8
AVERAGES	63.5	22.9	32.0	53.9	17.2	151.1	22.4	33.59	55.0	18.57	214.6	48.0	26.3	0.1	0.0	0.3	10.8
COUNT																	

TERMS: FFO Filter Press Filtrate

BUFFALO SEWER AUTHORITY August 2025

DRY SOLIDS TO INCINERATOR

August 2025 DAY	DATE	BELT 1 % SOLIDS B-1	BELT 1 VOL MATTER B-1	BELT 1 M/V RATIO B-1	BELT 1 T.DRY TONS B-1	BELT 2 % SOLIDS B-2	BELT 2 VOL MATTER B-2	BELT 2 M/V RATIO B-2	BELT 2 T.DRY TONS B-2	OUTSIDE CAKE 1000#	OUTSIDE CAKE TS %	OUTSIDE CAKE TS 1000#	OUTSIDE CAKE VM %	OUTSIDE CAKE VM 1000#	TOTALS 1000#	TOTALS TS 1000#	TOTALS VM 1000#
Fri	1					21.9	55.7	6.40	19.24						175.7	38.5	21.43
Sat	2	22.6	54.1	6.33	0.1	22.6	54.1	6.33	21.14						188.3	42.6	23.03
Sun	3					21.7	54.5	6.62	26.37						243.0	52.7	28.74
Mon	4					21.9	54.8	6.51	29.32						267.8	58.6	32.13
Tue	5					21.5	54.5	6.70	27.41						255.0	54.8	29.88
Wed	6					21.6	55.1	6.59	27.84						257.8	55.7	30.68
Thu	7	21.9	55.2	6.46		21.9	55.2	6.46	25.32						231.5	50.7	27.98
Fri	8					21.8	55.2	6.50	24.03						220.5	48.1	26.53
Sat	9					21.9	55.7	6.40	24.73						225.9	49.5	27.55
Sun	10	25.4	54.7	5.37		21.5	56.2	6.50	23.82						221.6	47.7	26.78
Mon	11					23.2	56.2	5.89	21.57						185.9	43.1	24.24
Tue	12					22.4	56.0	6.19	29.91						267.1	59.8	33.50
Wed	13					22.0	56.1	6.32	29.23						265.8	58.5	32.80
Thu	14					22.7	55.8	6.10	24.96						220.0	49.9	27.86
Fri	15					22.9	55.4	6.08	23.74						207.4	47.5	26.31
Sat	16					22.3	54.8	6.36	27.07						242.8	54.1	29.67
Sun	17					22.3	55.5	6.28	27.17						243.7	54.3	30.16
Mon	18					22.7	55.6	6.12	21.21						186.9	42.4	23.59
Tue	19					23.0	55.4	6.04	24.40						212.1	48.8	27.03
Wed	20					23.1	54.4	6.12	23.63						204.6	47.3	25.71
Thu	21	22.4	54.6	6.34	5.8	22.9	54.4	6.19	18.32						212.1	48.3	26.31
Fri	22	22.6	53.9	6.35	24.0	22.5	54.8	6.29	0.03						212.4	48.0	25.87
Sat	23	22.9	54.4	6.19	23.5	23.6	54.1	5.98	0.01						205.6	47.1	25.61
Sun	24	22.3	54.7	6.37	25.0	22.6	54.5	6.28	0.01						224.4	50.0	27.38
Mon	25	22.2	55.4	6.33	24.8	22.2	55.3	6.34	0.01						223.7	49.7	27.52
Tue	26	23.5	54.9	5.93	19.5										166.2	39.1	21.44
Wed	27	23.5	53.7	6.06	22.9	21.5	53.0	6.89	0.01						194.9	45.8	24.60
Thu	28	23.1	43.6	7.64	19.3	22.1	54.5	6.47	0.01						166.8	38.5	16.81
Fri	29	22.9	54.4	6.19	17.0	23.1	53.3	6.25	0.02						148.5	34.0	18.50
Sat	30	23.4	54.5	6.01	18.3	24.0	53.9	5.88	0.03						156.3	36.6	19.93
Sun	31	21.6	56.6	6.41	23.4	22.0	55.6	6.38	0.04						217.5	47.0	26.59
TOTAL					223.7				520.6						6652	1489	816
AVERAGE		22.9	53.9	6.28	16.0	22.4	55.0	6.31	16.8						214.6	48.0	26.3

BUFFALO SEWER AUTHORITY August 2025

MONTHLY FUEL COST ANALYSIS

August 2025

FUEL COST/MCF = 3.17

DAY	DATE	TOTAL WET TONS BURNED	SLUDGE ANALYSIS TS	SLUDGE ANALYSIS VM	M/V RATIO	NO. 1 INCINERATOR GAS USAGE	NO. 1 INCINERATOR WET TONS BURNED	NO. 1 INCINERATOR COST/ WET TON	NO. 2 INCINERATOR GAS USAGE	NO. 2 INCINERATOR WET TONS BURNED	NO. 2 INCINERATOR COST/ WET TON	NO. 3 INCINERATOR GAS USAGE	NO. 3 INCINERATOR WET TONS BURNED	NO. 3 INCINERATOR COST/ WET TON
Fri	1	87.85	21.90	55.70	6.40				194301	87.85	7.01	939		
Sat	2	94.17	22.60	54.10	6.33				279040	94.17	9.39	1583		
Sun	3	121.51	21.70	54.50	6.62				254514	121.51	6.64	1031		
Mon	4	133.88	21.90	54.80	6.51				244031	133.88	5.78	1123		
Tue	5	127.48	21.50	54.50	6.70				257249	127.48	6.40	1221		
Wed	6	128.88	21.60	55.10	6.59				295885	128.88	7.28	1249		
Thu	7	115.74	21.90	55.20	6.46				242224	115.74	6.63	1234		
Fri	8	110.25	21.80	55.20	6.50				201632	110.25	5.80	1280		
Sat	9	112.94	21.90	55.70	6.40				218394	112.94	6.13	1333		
Sun	10	110.82	23.45	55.45	5.89				266773	110.82	7.63	1371		
Mon	11	92.97	23.20	56.20	5.89				248421	92.97	8.47	1438		
Tue	12	133.57	22.40	56.00	6.19				221774	133.57	5.26	1420		
Wed	13	132.88	22.00	56.10	6.32				205788	132.88	4.91	1303		
Thu	14	109.98	22.70	55.80	6.10				175215	109.98	5.05	1303		
Fri	15	103.69	22.90	55.40	6.08				271755	103.69	8.31	1296		
Sat	16	121.40	22.30	54.80	6.36				191962	121.40	5.01	1298		
Sun	17	121.86	22.30	55.50	6.28				171836	121.86	4.47	1198		
Mon	18	93.45	22.70	55.60	6.12				223846	93.45	7.59	980		
Tue	19	106.07	23.00	55.40	6.04				262607	106.07	7.85	1676		
Wed	20	102.31	23.10	54.40	6.12				198069	102.31	6.14	951		
Thu	21	106.06	22.65	54.50	6.27				271938	106.06	8.13	797		
Fri	22	106.18	22.55	54.35	6.32				265050	106.18	7.91	902		
Sat	23	102.80	23.25	54.25	6.08				248280	102.80	7.66	1016		
Sun	24	112.21	22.45	54.60	6.33				289708	112.21	8.18	990		
Mon	25	111.87	22.20	55.35	6.33				277466	111.87	7.86	828		
Tue	26	83.11	22.75	54.75	6.20				267850	83.11	10.22	707		
Wed	27	97.47	22.50	53.35	6.46				274044	97.47	8.91	647		
Thu	28	83.42	22.60	49.05	6.98				259749	83.42	9.87	658		
Fri	29	74.24	23.00	53.85	6.22				232560	74.24	9.93	763		
Sat	30	78.14	23.70	54.20	5.94				263620	78.14	10.69	639		
Sun	31	108.73	21.80	56.10	6.39				14264	108.73	0.42	30		
TOTALS		3325.93				0	0.00		7289845	3325.93		33203	0.00	
MONTHLY AVERAGES		107.29	22.46	54.83	6.30	0	0.00		235156	107.29	7.15	1071	0.00	

TOTAL DIGESTER GAS BURNED: 14063430
TOTAL DIGESTER GAS WASTED: 901653

BUFFALO SEWER AUTHORITY
CSO INSPECTION REPORTS

FROM: 8/1/2025 **TO:** 8/31/2025

Signature: John Koszuch BSA **Date:** 9/15/2025

OBJECTID	Sewer Patr	Date Inspecte	Inspector	Inspected	Connection Open	Weather Conditic	Dry Weather Overflow
30256	SPP223	8/1/2025	J. Kerruish AM	Yes		Sunny	No
30257	SPP308	8/1/2025	J. Kerruish AM	Yes		Sunny	No
30258	SPP121	8/1/2025	J. Kerruish AM	Yes		Sunny	No
30259	SPP122	8/1/2025	J. Kerruish AM	Yes		Sunny	No
30260	SPP107A	8/1/2025	J. Kerruish AM	Yes		Sunny	No
30261	SPP224	8/1/2025	J. Kerruish AM	Yes		Sunny	No
30262	SPP220	8/1/2025	J. Kerruish AM	Yes		Sunny	No
30263	SPP227A	8/1/2025	J. Kerruish AM	Yes		Sunny	No
30264	SPP114	8/1/2025	J. Kerruish AM	Yes		Sunny	No
30265	SPP107	8/1/2025	J. Kerruish AM	Yes		Sunny	No
30266	SPP225	8/1/2025	J. Kerruish AM	Yes		Sunny	No
30267	SPP308B	8/1/2025	J. Kerruish AM	Yes		Sunny	No
30268	SPP226	8/1/2025	J. Kerruish AM	Yes		Sunny	No
30269	SPP308A	8/1/2025	J. Kerruish AM	Yes		Sunny	No
30270	SPP310	8/1/2025	J. Kerruish AM	Yes		Sunny	No
30271	SPP227	8/1/2025	J. Kerruish AM	Yes		Sunny	No
30272	SPP113	8/1/2025	J. Kerruish AM	Yes		Sunny	No
30273	SPP309	8/1/2025	J. Kerruish AM	Yes		Sunny	No
30274	SPP311	8/1/2025	J. Kerruish AM	Yes		Sunny	No
30275	SPP221	8/1/2025	J. Kerruish AM	Yes		Sunny	No
30276	SPP222	8/1/2025	J. Kerruish AM	Yes		Sunny	No
30278	SPP133	8/4/2025	J. Kerruish AM	Yes		Sunny	No
30280	SPP131	8/4/2025	J. Kerruish AM	Yes		Sunny	No
30281	SPP283	8/4/2025	J. Kerruish AM	Yes		Sunny	No
30283	SPP294	8/4/2025	J. Kerruish AM	Yes		Sunny	No
30292	SPP212	8/4/2025	J. Kerruish AM	Yes		Sunny	No
30293	SPP329	8/4/2025	J. Kerruish AM	Yes		Sunny	No
30294	SPP129	8/4/2025	J. Kerruish AM	Yes		Sunny	No
30295	SPP279	8/4/2025	J. Kerruish AM	Yes		Sunny	No
30290	SPP106	8/4/2025	J. Kerruish AM	Yes		Sunny	No
30297	SPP293	8/4/2025	J. Kerruish AM	Yes		Sunny	No
30302	SPP135A	8/4/2025	J. Kerruish AM	Yes		Sunny	No
30303	SPP211	8/4/2025	J. Kerruish AM	Yes		Sunny	No
30299	SPP209	8/4/2025	J. Kerruish AM	Yes		Sunny	No
30306	SPP137	8/4/2025	J. Kerruish AM	Yes		Sunny	No
30308	SPP136A	8/4/2025	J. Kerruish AM	Yes		Sunny	No
30310	SPP132	8/4/2025	J. Kerruish AM	Yes		Sunny	No
30312	SPP295	8/4/2025	J. Kerruish AM	Yes		Sunny	No
30315	SPP322	8/4/2025	J. Kerruish AM	Yes		Sunny	No
30316	SPP307	8/4/2025	J. Kerruish AM	Yes		Sunny	No
30320	SPP105	8/4/2025	J. Kerruish AM	Yes		Sunny	No
30321	SPP292	8/4/2025	J. Kerruish AM	Yes		Sunny	No
30318	SPP291	8/4/2025	J. Kerruish AM	Yes		Sunny	No

30319	SPP184	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30322	SPP004	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30317	SPP189	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30313	SPP013	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30314	SPP190	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30311	SPP007	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30309	SPP193	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30307	SPP010	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30300	SPP191	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30301	SPP008	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30304	SPP001	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30305	SPP213	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30298	SPP188	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30291	SPP195	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30296	SPP280	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30284	SPP003	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30285	SPP187	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30286	SPP186	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30287	SPP185	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30288	SPP215	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30289	SPP009	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30282	SPP005	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30279	SPP011	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30277	SPP214	8/5/2025	J. Kerruish AM	Yes	Partly Cloudy	No
30333	SPP183	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30334	SPP244	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30324	SPP021	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30325	SPP231	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30326	SPP182	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30327	SPP014A	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30328	SPP296	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30329	SPP238	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30370	SPP243	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30371	SPP023	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30341	SPP019	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30337	SPP233	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30338	SPP232	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30339	SPP241	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30343	SPP237	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30345	SPP235	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30347	SPP239	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30350	SPP022	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30351	SPP015	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30356	SPP236	8/6/2025	J. Kerruish AM	Yes	Sunny	No

30357	SPP181	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30361	SPP014B	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30362	SPP245	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30363	SPP234	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30364	SPP240	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30366	SPP230	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30367	SPP020	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30368	SPP017	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30353	SPP330	8/6/2025	J. Kerruish AM	Yes	Sunny	No
30354	SPP178	8/7/2025	J. Kerruish AM	Yes	Sunny	No
30355	SPP335A	8/7/2025	J. Kerruish AM	Yes	Sunny	No
30369	SPP170B	8/7/2025	J. Kerruish AM	Yes	Sunny	No
30365	SPP170A	8/7/2025	J. Kerruish AM	Yes	Sunny	No
30358	SPP176	8/7/2025	J. Kerruish AM	Yes	Sunny	No
30359	SPP175	8/7/2025	J. Kerruish AM	Yes	Sunny	No
30360	SPP332	8/7/2025	J. Kerruish AM	Yes	Sunny	No
30352	SPP345	8/7/2025	J. Kerruish AM	Yes	Sunny	No
30348	SPP335B	8/7/2025	J. Kerruish AM	Yes	Sunny	No
30349	SPP166	8/7/2025	J. Kerruish AM	Yes	Sunny	No
30346	SPP179	8/7/2025	J. Kerruish AM	Yes	Sunny	No
30344	SPP334B	8/7/2025	J. Kerruish AM	Yes	Sunny	No
30340	SPP229A	8/7/2025	J. Kerruish AM	Yes	Sunny	No
30342	SPP333	8/7/2025	J. Kerruish AM	Yes	Sunny	No
30330	SPP247	8/7/2025	J. Kerruish AM	Yes	Sunny	No
30331	SPP180	8/7/2025	J. Kerruish AM	Yes	Sunny	No
30332	SPP177	8/7/2025	J. Kerruish AM	Yes	Sunny	No
30335	SPP331	8/7/2025	J. Kerruish AM	Yes	Sunny	No
30336	SPP229	8/7/2025	J. Kerruish AM	Yes	Sunny	No
30323	SPP334A	8/7/2025	J. Kerruish AM	Yes	Sunny	No
30372	SPP204	8/11/2025	J. Kerruish AM	Yes	Sunny	No
30373	SPP201	8/11/2025	J. Kerruish AM	Yes	Sunny	No
30374	SPP341A	8/11/2025	J. Kerruish AM	Yes	Sunny	No
30375	SPP156B	8/11/2025	J. Kerruish AM	Yes	Sunny	No
30376	SPP342B	8/11/2025	J. Kerruish AM	Yes	Sunny	No
30377	SPP336B	8/11/2025	J. Kerruish AM	Yes	Sunny	No
30378	SPP200B	8/11/2025	J. Kerruish AM	Yes	Sunny	No
30379	SPP340	8/11/2025	J. Kerruish AM	Yes	Sunny	No
30380	SPP202	8/11/2025	J. Kerruish AM	Yes	Sunny	No
30381	SPP156A	8/11/2025	J. Kerruish AM	Yes	Sunny	No
30382	SPP338	8/11/2025	J. Kerruish AM	Yes	Sunny	No
30383	SPP165B	8/11/2025	J. Kerruish AM	Yes	Sunny	No
30384	SPP203	8/11/2025	J. Kerruish AM	Yes	Sunny	No
30385	SPP337	8/11/2025	J. Kerruish AM	Yes	Sunny	No
30386	SPP163A	8/11/2025	J. Kerruish AM	Yes	Sunny	No

30387	SPP165	8/11/2025	J. Kerruish AM	Yes	Sunny	No
30388	SPP164	8/11/2025	J. Kerruish AM	Yes	Sunny	No
30389	SPP200A	8/11/2025	J. Kerruish AM	Yes	Sunny	No
30390	SPP165A	8/11/2025	J. Kerruish AM	Yes	Sunny	No
30391	SPP156	8/11/2025	J. Kerruish AM	Yes	Sunny	No
30392	SPP157	8/11/2025	J. Kerruish AM	Yes	Sunny	No
30393	SPP339	8/11/2025	J. Kerruish AM	Yes	Sunny	No
30394	SPP336A	8/11/2025	J. Kerruish AM	Yes	Sunny	No
30395	SPP342A	8/11/2025	J. Kerruish AM	Yes	Sunny	No
30656	SPP045A	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30657	SPP065	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30658	SPP058	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30659	SPP050	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30660	SPP056	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30661	SPP067	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30662	SPP327	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30663	SPP051	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30664	SPP130	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30665	SPP047	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30666	SPP052	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30667	SPP128	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30668	SPP051A	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30669	SPP048	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30670	SPP035	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30671	SPP206A	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30672	SPP036	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30673	SPP206B	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30674	SPP304	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30675	SPP059	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30676	SPP053	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30677	SPP055	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30678	SPP054	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30679	SPP146	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30680	SPP042A	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30681	SPP036A	8/12/2025	J. Kerruish AM	Yes	Sunny	No
30682	SPP086	8/15/2025	J. Kerruish AM	Yes	Sunny	No
30683	SPP084	8/15/2025	J. Kerruish AM	Yes	Sunny	No
30684	SPP077	8/15/2025	J. Kerruish AM	Yes	Sunny	No
30685	SPP091	8/15/2025	J. Kerruish AM	Yes	Sunny	No
30686	SPP090	8/15/2025	J. Kerruish AM	Yes	Sunny	No
30687	SPP078	8/15/2025	J. Kerruish AM	Yes	Sunny	No
30688	SPP088	8/15/2025	J. Kerruish AM	Yes	Sunny	No
30689	SPP094	8/15/2025	J. Kerruish AM	Yes	Sunny	No
30690	SPP074	8/15/2025	J. Kerruish AM	Yes	Sunny	No

30691	SPP079	8/15/2025	J. Kerruish AM	Yes	Sunny	No
30692	SPP085	8/15/2025	J. Kerruish AM	Yes	Sunny	No
30693	SPP082	8/15/2025	J. Kerruish AM	Yes	Sunny	No
30694	SPP073	8/15/2025	J. Kerruish AM	Yes	Sunny	No
30695	SPP075	8/15/2025	J. Kerruish AM	Yes	Sunny	No
30696	SPP089	8/15/2025	J. Kerruish AM	Yes	Sunny	No
30697	SPP087	8/15/2025	J. Kerruish AM	Yes	Sunny	No
30698	SPP068	8/15/2025	J. Kerruish AM	Yes	Sunny	No
30699	SPP081	8/15/2025	J. Kerruish AM	Yes	Sunny	No
30700	SPP092	8/15/2025	J. Kerruish AM	Yes	Sunny	No
30701	SPP080	8/15/2025	J. Kerruish AM	Yes	Sunny	No
30702	SPP072	8/15/2025	J. Kerruish AM	Yes	Sunny	No
30703	SPP069	8/15/2025	J. Kerruish AM	Yes	Sunny	No
30704	SPP070	8/15/2025	J. Kerruish AM	Yes	Sunny	No
30705	SPP375	8/15/2025	J. Kerruish AM	Yes	Sunny	No
30707	SPP320	8/25/2025	J. Kerruish AM	Yes	Sunny	No
30708	SPP217	8/25/2025	J. Kerruish AM	Yes	Sunny	No
30709	SPP198A	8/25/2025	J. Kerruish AM	Yes	Sunny	No
30710	SPP152	8/25/2025	J. Kerruish AM	Yes	Sunny	No
30711	SPP150	8/25/2025	J. Kerruish AM	Yes	Sunny	No
30726	SPP317	8/25/2025	J. Kerruish AM	Yes	Sunny	No
30727	SPP151	8/25/2025	J. Kerruish AM	Yes	Sunny	No
30713	SPP149	8/25/2025	J. Kerruish AM	Yes	Sunny	No
30714	SPP319	8/25/2025	J. Kerruish AM	Yes	Sunny	No
30715	SPP315	8/25/2025	J. Kerruish AM	Yes	Sunny	No
30716	SPP199A	8/25/2025	J. Kerruish AM	Yes	Sunny	No
30718	SPP277	8/25/2025	J. Kerruish AM	Yes	Sunny	No
30719	SPP314	8/25/2025	J. Kerruish AM	Yes	Sunny	No
30745	SPP248	8/25/2025	J. Kerruish AM	Yes	Sunny	No
30729	SPP218	8/25/2025	J. Kerruish AM	Yes	Sunny	No
30730	SPP316	8/25/2025	J. Kerruish AM	Yes	Sunny	No
30731	SPP199C	8/25/2025	J. Kerruish AM	Yes	Sunny	No
30734	SPP318	8/25/2025	J. Kerruish AM	Yes	Sunny	No
30735	SPP199B	8/25/2025	J. Kerruish AM	Yes	Sunny	No
30740	SPP148	8/25/2025	J. Kerruish AM	Yes	Sunny	No
30743	SPP249	8/25/2025	J. Kerruish AM	Yes	Sunny	No
30744	SPP126	8/26/2025	J. Kerruish AM	Yes	Sunny	No
30741	SPP097	8/26/2025	J. Kerruish AM	Yes	Sunny	No
30742	SPP326	8/26/2025	J. Kerruish AM	Yes	Sunny	No
30736	SPP100	8/26/2025	J. Kerruish AM	Yes	Sunny	No
30737	SPP125	8/26/2025	J. Kerruish AM	Yes	Sunny	No
30738	SPP281	8/26/2025	J. Kerruish AM	Yes	Sunny	No
30739	SPP282	8/26/2025	J. Kerruish AM	Yes	Sunny	No
30732	SPP101	8/26/2025	J. Kerruish AM	Yes	Sunny	No

30733	SPP145	8/26/2025	J. Kerruish AM	Yes	Sunny	No
30746	SPP124	8/26/2025	J. Kerruish AM	Yes	Sunny	No
30720	SPP125A	8/26/2025	J. Kerruish AM	Yes	Sunny	No
30721	SPP115	8/26/2025	J. Kerruish AM	Yes	Sunny	No
30722	SPP119	8/26/2025	J. Kerruish AM	Yes	Sunny	No
30723	SPP120	8/26/2025	J. Kerruish AM	Yes	Sunny	No
30724	SPP103	8/26/2025	J. Kerruish AM	Yes	Sunny	No
30725	SPP099	8/26/2025	J. Kerruish AM	Yes	Sunny	No
30717	SPP104	8/26/2025	J. Kerruish AM	Yes	Sunny	No
30728	SPP118	8/26/2025	J. Kerruish AM	Yes	Sunny	No
30712	SPP138	8/26/2025	J. Kerruish AM	Yes	Sunny	No
30706	SPP208	8/26/2025	J. Kerruish AM	Yes	Sunny	No
30747	SPP223	8/27/2025	J. Kerruish AM	Yes	Sunny	No
30748	SPP308	8/27/2025	J. Kerruish AM	Yes	Sunny	No
30749	SPP121	8/27/2025	J. Kerruish AM	Yes	Sunny	No
30750	SPP122	8/27/2025	J. Kerruish AM	Yes	Sunny	No
30751	SPP107A	8/27/2025	J. Kerruish AM	Yes	Sunny	No
30752	SPP224	8/27/2025	J. Kerruish AM	Yes	Sunny	No
30753	SPP220	8/27/2025	J. Kerruish AM	Yes	Sunny	No
30754	SPP227A	8/27/2025	J. Kerruish AM	Yes	Sunny	No
30755	SPP114	8/27/2025	J. Kerruish AM	Yes	Sunny	No
30756	SPP107	8/27/2025	J. Kerruish AM	Yes	Sunny	No
30757	SPP225	8/27/2025	J. Kerruish AM	Yes	Sunny	No
30758	SPP308B	8/27/2025	J. Kerruish AM	Yes	Sunny	No
30759	SPP226	8/27/2025	J. Kerruish AM	Yes	Sunny	No
30760	SPP308A	8/27/2025	J. Kerruish AM	Yes	Sunny	No
30761	SPP310	8/27/2025	J. Kerruish AM	Yes	Sunny	No
30762	SPP227	8/27/2025	J. Kerruish AM	Yes	Sunny	No
30763	SPP113	8/27/2025	J. Kerruish AM	Yes	Sunny	No
30764	SPP309	8/27/2025	J. Kerruish AM	Yes	Sunny	No
30765	SPP311	8/27/2025	J. Kerruish AM	Yes	Sunny	No
30766	SPP221	8/27/2025	J. Kerruish AM	Yes	Sunny	No
30767	SPP222	8/27/2025	J. Kerruish AM	Yes	Sunny	No

BUFFALO SEWER AUTHORITY
LABORATORY
90 WEST FERRY STREET • BUFFALO, NEW YORK 14213 • (716) 851-4664

TO: Alexander Emmerson, Treatment Plant Superintendent **DATE: 09/11/2025**
RE: Priority Pollutant Summary Sheet

The Priority Pollutant and Monitoring Summary for August 2025 is attached. There were no exceedances.

Stephen J. Tuhovak
Laboratory Director

cc: E. Scheeler, I.W. (e-copy)
M. Szilagyi, I.W. (e-copy)
S. Morrison, Process (e-copy)
Lab file

BUFFALO SEWER AUTHORITY
LABORATORY

90 WEST FERRY STREET • BUFFALO, NEW YORK 14213 • (716) 851-4664

Priority Pollutant and Monitoring Summary

SPDES Number: **NY** – 0028410
Outfall 002
NYSDOH Lab ID 10132
Month **August, 2025**

	BSA Results Monitoring mg/L	Limit Monthly Ave. Lbs/day	Action Level Lbs/day	BSA Results Monthly Ave. Lbs/day
Conventional Pollutants				
Nitrogen, TKN (as N), Raw	9.10			
Ammonia (as NH_3), Raw	6.50			
Nitrogen, TKN (as N), Effluent	4.10			
Ammonia (as NH_3), Effluent	1.20			
Toxic Pollutants				
Phenols, Total, 4-AAP		**36.6**		29.2
Action Level Requirements Type II				BSA Results Daily Max
Cadmium, Total			**30.0**	<1.27
Chromium, Total			**12.5**	<2.54
Copper, Total			**31.9**	<6.35
Copper, Dissolved			**Monitor**	<6.35
Lead, Total			**66.2**	<6.35
Nickel, Total			**43.8**	<6.35
Zinc, Total			**174**	8.26
Zinc, Dissolved			**Monitor**	13.34
Bis (2-ethylhexyl) phthalate			**16.7**	<6.35
Cyanide			**90.0**	46.37

Notes: **Bold** – regulatory limits and action levels
Less than (<) values are based on MDL's.
ND – Not Detected

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Buffalo Sewer Authority Laboratory

90 W. Ferry St | Buffalo NY 14213 | Tel. (716)851-4664 | Fax (716) 883-3789

Priority Pollutant Report

Sample Name:	PP LL Hg - FE	*Lab Log:*	501487
Sample Type:	Wastewater	*I. W. #:*	
Sample Source:	Final Effluent	*Submitted By:*	IW
Sample Date Start:	8/27/2025	*Date Received:*	8/27/2025 00:00
Collection Time Start:	11:00	*Received By:*	CR
Collection Type:	24 hr comp	*Sample Container:*	Vial
Collected By:	IW	*Preservative:*	Refrigeration
Comments:			

Analyte	Method	Analysis Date/Time	Mass lbs/day	Data Qual.	Conc	Units	Spike % Rec	Reporting Limit	Analyst
LL Mercury	EPA 1631E	9/3/2025 18:28	0.80		1.40	ng/l		0.50	X

Flow: 68

Reviewed by

Raechel Miller, QA Coordinator — Date 9-10-25

Stephen J. Tuhovak, Laboratory Director, NYS Lab ID 10132 — Date 9-11-2025

Distribution:

Printed 9/10/2025

Data Qualifier Key

N	Not Detected	**L**	Results Below LOQ and Above LOD	**H**	Blank Exceeds Acceptance Limits
B	Below Reporting Limit	**P**	Spike recovery outside acceptance Limits	**D**	Precision Outside Acceptance Limits
<	Less Than	**S**	Standard Outside Acceptance Limits	**U**	Accidental Loss or Aborted Analysis
>	Greater Than	**E**	Exceeded Holding Time	**C**	Results Below CAL. Curve and Above Reporting Limit
M	Sample Matrix Interference	**T**	Toxic Effect	**Z**	Instrumentation Not Calibrated
9	Improper Sample Container	**8**	Temperature Outside Limits		
X	Subcontracted-NY10026				

BUFFALO SEWER AUTHORITY
MONTHLY LABORATORY DATA

August 2025	DIGESTER CONTENTS - ORP					
DAY DATE	#1 ORP	#2 ORP	#3 ORP	#4 ORP	#5 ORP	#6 ORP
Tue 5	-222	-225	-214			
Thu 7				-241	-230	
Tue 12	-255	-282	-298			
Thu 14				-215	-249	
Tue 19	-229	-230	-241			
Thu 21				-232	-251	
Tue 26	-207	-232	-190			
Thu 28				-209	-229	

BUFFALO
90 YEARS 1935-2025
SEWER AUTHORITY

COPY

August 5, 2025

Regional Environmental Engineer
N.Y.S.D.E.C.
700 Delaware Avenue
Buffalo, New York 14209-2202

RE: USE OF OUTFALL 001

To Whom It May Concern:

A partial treatment event was required on August 1, 2025, from 02:44 AM through August 1, 2025 at 10:11 AM due to sludge bulking caused by abundant 021N filament and limited secondary treatment capacity to facilitate Phase 1 of the Secondary Treatment Rehab Project.

The partially treated flow received primary treatment, chlorination with sodium hypochlorite before being discharged into the Niagara River through outfall 001. During the partial treatment event all B side aeration tanks and final clarifiers were out of service to facilitate Phase 1 of the Secondary Treatment Rehab Project.

Date:	**8/1/2025**
Duration Hours:	**7.45**
Average Raw WW Flow MGD:	**65**
Final Effluent Flow MGD:	**48**
Starting Raw WW Flow MGD:	**70**
Peak Flow MGD:	**133**
Partially Treated Volume MG:	**14**

Very truly yours,

BUFFALO SEWER AUTHORITY

Alexander C. Emmerson
Treatment Plant Superintendent

ACE
encs.
cc: Process
File Name: PT_08-01-25

BUFFALO
90 YEARS 1935-2025
SEWER AUTHORITY

COPY

August 5, 2025

Regional Environmental Engineer
N.Y.S.D.E.C.
700 Delaware Avenue
Buffalo, New York 14209-2202

RE: USE OF OUTFALL 001

To Whom It May Concern:

A partial treatment event was required on August 2, 2025, from 02:39 AM through August 2, 2025 at 09:09 AM due to sludge bulking caused by abundant 021N filament and limited secondary treatment capacity to facilitate Phase 1 of the Secondary Treatment Rehab Project.

The partially treated flow received primary treatment, chlorination with sodium hypochlorite before being discharged into the Niagara River through outfall 001. During the partial treatment event all B side aeration tanks and final clarifiers were out of service to facilitate Phase 1 of the Secondary Treatment Rehab Project.

Date:	**8/2/2025**
Duration Hours:	6.5
Average Raw WW Flow MGD:	76
Final Effluent Flow MGD:	59
Starting Raw WW Flow MGD:	60
Peak Flow MGD:	157
Partially Treated Volume MG:	16

Very truly yours,

BUFFALO SEWER AUTHORITY

Alexander C. Emmerson
Treatment Plant Superintendent

ACE
encs.
cc: Process
File Name: PT_08-02-25

BUFFALO
90 YEARS 1935-2025
SEWER AUTHORITY

COPY

August 25, 2025

Ms. Denine Jackson
N.Y.S.D.E.C.
700 Delaware Avenue
Buffalo, New York 14209-2202

RE: USE OF OUTFALL 001

To Ms. Denine Jackson:

Three dry weather partial treatment events were required on August 7, 2025, August 11, 2025, and August 12, 2025. The specific event details are outlined in the attached partial treatment letters and the overall plant conditions during this time are outlined below. The following NY Alerts were submitted for each dry weather event.

NY Alert Incident ID: 2100309338107361, 2117317408411740, 2117283048673637

Each event was due to limited secondary treatment capacity to facilitate Phase 1 of the LTCP capital project and sludge bulking due to the presence of filamentous bacteria. To facilitate the required work in this phase the facility is currently staged with all B side aeration tanks and final clarifiers out of service. The A-side aeration gallery was also experiencing an abundant type 021N filament that appeared to have a moderate-high impact on plant SVI. The cause of the filament has been attributed to draining of the B-side aeration tanks and final clarifiers to the A side. Dosing of the B side RAS well began on August 11, 2025, and continued until conditions improved, stopping on August 18, 2025.

At the time of this letter no further dry weather partial treatment events have occurred.

Very truly yours,

BUFFALO SEWER AUTHORITY

Alexander C. Emmerson
Treatment Plant Superintendent

ACE:rlg
encs.
cc: Process
File Name: PT_08-07-25_DW

BUFFALO
90 YEARS 1935-2025
SEWER AUTHORITY

August 19, 2025

Regional Environmental Engineer
N.Y.S.D.E.C.
700 Delaware Avenue
Buffalo, New York 14209-2202

RE: USE OF OUTFALL 001

To Whom It May Concern:

A dry weather partial treatment event was required on August 11, 2025, from 01:20 PM through August 11, 2025 at 09:42 PM due to sludge bulking caused by abundant 021N filament and limited secondary treatment capacity to facilitate Phase 1 of the Secondary Treatment Rehab Project.

The partially treated flow received primary treatment, chlorination with sodium hypochlorite before being discharged into the Niagara River through outfall 001. During the partial treatment event all B side aeration tanks and final clarifiers were out of service to facilitate Phase 1 of the Secondary Treatment Rehab Project.

Date:	**8/11/2025**
Duration Hours:	**8.39**
Average Raw WW Flow MGD:	**77**
Final Effluent Flow MGD:	**51**
Starting Raw WW Flow MGD:	**117**
Peak Flow MGD:	**170**
Partially Treated Volume MG:	**27**

Very truly yours,

BUFFALO SEWER AUTHORITY

Alexander C. Emmerson
Treatment Plant Superintendent

ACE:rlg
encs.
cc: Process
File Name: PT_08-11-25_DW

BUFFALO
90 YEARS 1935-2025
SEWER AUTHORITY

August 19, 2025

Regional Environmental Engineer
N.Y.S.D.E.C.
700 Delaware Avenue
Buffalo, New York 14209-2202

RE: USE OF OUTFALL 001

To Whom It May Concern:

A partial treatment event was required on August 13, 2025, from 04:41 AM through August 17, 2025 at 10:38 PM due to sludge bulking caused by abundant 021N filament and limited secondary treatment capacity to facilitate Phase 1 of the Secondary Treatment Rehab Project.

The partially treated flow received primary treatment, chlorination with sodium hypochlorite before being discharged into the Niagara River through outfall 001. During the partial treatment event all B side aeration tanks and final clarifiers were out of service to facilitate Phase 1 of the Secondary Treatment Rehab Project.

Date:	**8/13/2025**
Duration Hours:	**17.95**
Average Raw WW Flow MGD:	**135**
Final Effluent Flow MGD:	**59**
Starting Raw WW Flow MGD:	**115**
Peak Flow MGD:	**257**
Partially Treated Volume MG:	**77**

Very truly yours,

BUFFALO SEWER AUTHORITY

Alexander C. Emmerson
Treatment Plant Superintendent

ACE:rlg
encs.
cc: Process
File Name: PT_08-13-25

BUFFALO
90 YEARS 1935-2025
SEWER AUTHORITY

September 5, 2025

Regional Environmental Engineer
N.Y.S.D.E.C.
700 Delaware Avenue
Buffalo, New York 14209-2202

RE: USE OF OUTFALL 001

To Whom It May Concern:

A partial treatment event was required on August 28, 2025 from 05:13 PM through August 29, 2025 at 02:37 AM due to high flows attributed to rainfall and limited secondary treatment capacity to facilitate Phase 1 of the Secondary Treatment Rehab Project.

The partially treated flow received primary treatment, chlorination with sodium hypochlorite before being discharged into the Niagara River through outfall 001. During the partial treatment event all B side aeration tanks and final clarifiers were out of service to facilitate Phase 1 of the Secondary Treatment Rehab Project.

Date:	8/28/2025	8/29/2025
Duration Hours:	6.78	2.62
Average Raw WW Flow MGD:	131	117
Final Effluent Flow MGD:	86	89
Starting Raw WW Flow MGD:	180	274
Peak Flow MGD:	333	274
Partially Treated Volume MG:	43	10

Very truly yours,

BUFFALO SEWER AUTHORITY

Alexander C. Emmerson
Treatment Plant Superintendent

ACE:rlg
encs.
cc: Process
File Name: PT_08-28-25

Erie, Buffalo, Sewage Discharge, Black Rock Canal, Scajaquada Creek,

ID: 2146832423605202

CLOSED

Opened On: Aug 28, 2025 16:27:10 EST - by Daniel O'Sullivan
Last Updated On: Nov 10, 2025 09:09:49 EST - by Alexander Emmerson
Closed On: Nov 10, 2025 09:09:49 EST - by Alexander Emmerson

Notification: Aug 28, 2025 16:27:11 EST

Title	ID	Phase	Sent By	Incident Template	Confirmed	Not Confirmed	Unreachable
Erie, Buffalo, Sewage Discharge, Black Rock Canal, Scajaquada Creek,	2146832423605387	New	Daniel O'Sullivan	Buffalo Sewer Authority - Bird Island, NY0028410, SPRTK	0	9	3

Message (Customized Email below)

Erie, Buffalo, Sewage Discharge, Black Rock Canal, Scajaquada Creek,

Type: Nixle Event Subscriptions, CAP RSS Feed

Customized Email

New York Sewage Pollution Right to Know

Issued: 08-28-2025, 16:27:10

Affects: New York - Erie - Buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 90 West Ferry, Buffalo, NY

Location details:

Waterbody affected: Black Rock Canal, Scajaquada Creek

Discharge description:

Potentially impacted public areas: -

Discharge date and time: 08-28-2025 16:54:00

Discharge duration: 24 Hours

Discharge reason: System Capacity - .21 inches of rain

Steps taken to contain discharge: permitted CSO discharge

Volume/rate of discharge: 880000 Gallons Estimated

Treated state of discharge: Untreated

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

Erie, buffalo, Sewage Discharge, Black Rock Canal, Scajaquada Creek,

ID: 2135906026827229

CLOSED

Opened On: Aug 24, 2025 11:47:50 EST - by Peter Cicero
Last Updated On: Nov 10, 2025 09:09:49 EST - by Alexander Emmerson
Closed On: Nov 10, 2025 09:09:49 EST - by Alexander Emmerson

Notification: Aug 24, 2025 11:47:51 EST

Title	ID	Phase	Sent By	Incident Template	Confirmed	Not Confirmed	Unreachable
Erie, buffalo, Sewage Discharge, Black Rock Canal, Scajaquada Creek,	2135906026830699	New	Peter Cicero	Buffalo Sewer Authority - Bird Island, NY0028410, SPRTK	0	2618	371

Message (Customized Email below)

Erie, buffalo, Sewage Discharge, Black Rock Canal, Scajaquada Creek,

Type: Nixle Event Subscriptions, CAP RSS Feed

Customized Email

New York Sewage Pollution Right to Know

Issued: 08-24-2025, 12:47:51

Affects: New York - Erie - buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 90 west ferry, buffalo, NY

Location details:

Waterbody affected: Black Rock Canal, Scajaquada Creek

Discharge description:

Potentially impacted public areas: -

Discharge date and time: 08-24-2025 11:50:36

Discharge duration: 1 Hours

Discharge reason: Weather Conditions - permitted CSO

Steps taken to contain discharge: Permitted CSO

Volume/rate of discharge: 183 Gallons per Minute Estimated

Treated state of discharge: Untreated

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

Erie, Buffalo, Sewage Discharge, Black Rock Canal, Scajaquada Creek, Niagara River, Cazenovia Creek,

ID: 2117351768243617

CLOSED

Opened On: Aug 17, 2025 10:04:00 EST - by Matthew Wiatrowski
Last Updated On: Nov 10, 2025 09:09:49 EST - by Alexander Emmerson
Closed On: Nov 10, 2025 09:09:49 EST - by Alexander Emmerson

Notification: Aug 17, 2025 10:04:01 EST

Title	ID	Phase	Sent By	Incident Template	Confirmed	Not Confirmed	Unreachable
Erie, Buffalo, Sewage Discharge, Black Rock Canal, Scajaquada Creek, Niagara River, Cazenovia Creek, Erie Basin, Buffalo Rive,	2117351768254791	New	Matthew Wiatrowski	Buffalo Sewer Authority - Bird Island, NY0028410, SPRTK	0	2626	368

Message (Customized Email below)

Erie, Buffalo, Sewage Discharge, Black Rock Canal, Scajaquada Creek, Niagara River, Cazenovia Creek, Erie Basin, Buffalo Rive,

Type: Nixle Event Subscriptions, CAP RSS Feed

Customized Email

New York Sewage Pollution Right to Know

Issued: 08-17-2025, 11:04:01

Affects: New York - Erie - Buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 90 West Ferry, Buffalo, NY

Location details:

Waterbody affected: Black Rock Canal, Scajaquada Creek, Niagara River, Cazenovia Creek, Erie Basin, Buffalo Rive

Discharge description:

Potentially impacted public areas: -

Discharge date and time: 08-17-2025 08:23:00

Discharge duration: Ongoing Hours

Discharge reason: Weather Conditions - .87 inches of rain

Steps taken to contain discharge: All available equipment in service

Volume/rate of discharge: 42,700,000 Gallons Estimated

Treated state of discharge: Partially Treated with Disinfection

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

Erie, Buffalo, Sewage Discharge, Black Rock Canal, Scajaquada Creek, Niagara River, Cazenovia Creek,

ID: 2117386127858979

CLOSED

Opened On: Aug 13, 2025 04:43:20 EST - by Ameer Lucas
Last Updated On: Nov 10, 2025 09:09:50 EST - by Alexander Emmerson
Closed On: Nov 10, 2025 09:09:50 EST - by Alexander Emmerson

Notification: Aug 13, 2025 04:43:20 EST

Title	ID	Phase	Sent By	Incident Template	Confirmed	Not Confirmed	Unreachable
Erie, Buffalo, Sewage Discharge, Black Rock Canal, Scajaquada Creek, Niagara River, Cazenovia Creek, Erie,Buffalo River,,	2117386127864790	New	Ameer Lucas	Buffalo Sewer Authority - Bird Island, NY0028410, SPRTK	0	2622	370

Message (Customized Email below)

Erie, Buffalo, Sewage Discharge, Black Rock Canal, Scajaquada Creek, Niagara River, Cazenovia Creek, Erie,Buffalo River,,

Type: Nixle Event Subscriptions, CAP RSS Feed

Customized Email

New York Sewage Pollution Right to Know

Issued: 08-13-2025, 05:43:20

Affects: New York - Erie - Buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 90 West Ferry, Buffalo, NY

Location details:

Waterbody affected: Black Rock Canal, Scajaquada Creek, Niagara River, Cazenovia Creek, Erie,Buffalo River,

Discharge description:

Potentially impacted public areas: -

Discharge date and time: 08-13-2025 04:54:00

Discharge duration: 24 Hours

Discharge reason: System Capacity, Weather Conditions - Heavy Rainfall

Steps taken to contain discharge: Permitted CSO Discharge

Volume/rate of discharge: 9,788,000 Gallons Estimated

Treated state of discharge: Partially Treated with Disinfection

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

Erie, Buffalo, Sewage Discharge, Niagara River , Unity Island Park , Black Rock Canal, Beaver Ialand

ID: 2117283048669164

CLOSED

Opened On: Aug 12, 2025 03:37:07 EST - by Ameer Lucas
Last Updated On: Nov 10, 2025 09:09:50 EST - by Alexander Emmerson
Closed On: Nov 10, 2025 09:09:50 EST - by Alexander Emmerson

Notification: Aug 12, 2025 03:37:07 EST

Title	ID	Phase	Sent By	Incident Template	Confirmed	Not Confirmed	Unreachable
Erie, Buffalo, Sewage Discharge, Niagara River , Unity Island Park , Black Rock Canal, Beaver Ialand Park,	2117283048673637	New	Ameer Lucas	Buffalo Sewer Authority - Bird Island, NY0028410, SPRTK	0	2622	369

Message (Customized Email below)

Erie, Buffalo, Sewage Discharge, Niagara River , Unity Island Park , Black Rock Canal, Beaver Ialand Park,

Type: Nixle Event Subscriptions, CAP RSS Feed

Customized Email

New York Sewage Pollution Right to Know

Issued: 08-12-2025, 04:37:07

Affects: New York - Erie - Buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 90 West Ferry, Buffalo, NY

Location details: BSA outfall 001, Bird Island Treatment Facility

Waterbody affected: Niagara River , Unity Island Park , Black Rock Canal, Beaver Ialand Park

Discharge description:

Potentially impacted public areas: -

Discharge date and time: 08-12-2025 03:39:00

Discharge duration: 24 Hours

Discharge reason: System Capacity - Plant capacity reached in the secondary

Steps taken to contain discharge: Permitted CSO Discharge

Volume/rate of discharge: 58379 Gallons per Minute Estimated

Treated state of discharge: Partially Treated with Disinfection

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

Notification: Aug 12, 2025 06:09:20 EST

Title	ID	Phase	Confirmed	Unreachable

			Sent By	Incident Template		Not Confirmed	
UPDATE: Erie, Buffalo, Sewage Discharge, Niagara River , Unity Island Park , Black Rock Canal, Beaver Ialand Park,	2117454847 338194	Update	Ameer Lucas	Buffalo Sewer Authority - Bird Island, NY0028410, SPRTK	0	2630	361

Message (Customized Email below)

UPDATE: Erie, Buffalo, Sewage Discharge, Niagara River , Unity Island Park , Black Rock Canal, Beaver Ialand Park,

Type: Nixle Event Subscriptions, CAP RSS Feed

Customized Email

New York Sewage Pollution Right to Know

UPDATE:

Issued: 08-12-2025, 07:09:20

Affects: New York - Erie - Buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 90 West Ferry, Buffalo, NY

Location details: BSA outfall 001, Bird Island Treatment Facility

Waterbody affected: Niagara River , Unity Island Park , Black Rock Canal, Beaver Ialand Park

Discharge description:

Potentially impacted public areas: -

Discharge date and time: 08-12-2025 03:39:00

Discharge duration: 4 Hours

Discharge reason: System Capacity - Plant capacity reached in the secondary

Steps taken to contain discharge: Permitted CSO Discharge

Volume/rate of discharge: 58379 Gallons per Minute Estimated

Treated state of discharge: Partially Treated with Disinfection

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

Erie, Buffalo, Sewage Discharge, Niagara River , Unity Island Park , Black Rock Canal, Beaver Ialand

ID: 2117283048669164

CLOSED

Opened On: Aug 12, 2025 03:37:07 EST - by Ameer Lucas
Last Updated On: Nov 10, 2025 09:09:50 EST - by Alexander Emmerson
Closed On: Nov 10, 2025 09:09:50 EST - by Alexander Emmerson

Notification: Aug 12, 2025 03:37:07 EST

Title	ID	Phase	Sent By	Incident Template	Confirmed	Not Confirmed	Unreachable
Erie, Buffalo, Sewage Discharge, Niagara River , Unity Island Park , Black Rock Canal, Beaver Ialand Park,	2117283048673637	New	Ameer Lucas	Buffalo Sewer Authority - Bird Island, NY0028410, SPRTK	0	2622	369

Message (Customized Email below)

Erie, Buffalo, Sewage Discharge, Niagara River , Unity Island Park , Black Rock Canal, Beaver Ialand Park,

Type: Nixle Event Subscriptions, CAP RSS Feed

Customized Email

New York Sewage Pollution Right to Know

Issued: 08-12-2025, 04:37:07

Affects: New York - Erie - Buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 90 West Ferry, Buffalo, NY

Location details: BSA outfall 001, Bird Island Treatment Facility

Waterbody affected: Niagara River , Unity Island Park , Black Rock Canal, Beaver Ialand Park

Discharge description:

Potentially impacted public areas: -

Discharge date and time: 08-12-2025 03:39:00

Discharge duration: 24 Hours

Discharge reason: System Capacity - Plant capacity reached in the secondary

Steps taken to contain discharge: Permitted CSO Discharge

Volume/rate of discharge: 58379 Gallons per Minute Estimated

Treated state of discharge: Partially Treated with Disinfection

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

Notification: Aug 12, 2025 06:09:20 EST

Title	ID	Phase	Confirmed	Unreachable

			Sent By	Incident Template		Not Confirmed	
UPDATE: Erie, Buffalo, Sewage Discharge, Niagara River , Unity Island Park , Black Rock Canal, Beaver Ialand Park,	2117454847 338194	Update	Ameer Lucas	Buffalo Sewer Authority - Bird Island, NY0028410, SPRTK	0	2630	361

Message (Customized Email below)

UPDATE: Erie, Buffalo, Sewage Discharge, Niagara River , Unity Island Park , Black Rock Canal, Beaver Ialand Park,

Type: Nixle Event Subscriptions, CAP RSS Feed

Customized Email

New York Sewage Pollution Right to Know

UPDATE:

Issued: 08-12-2025, 07:09:20

Affects: New York - Erie - Buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 90 West Ferry, Buffalo, NY

Location details: BSA outfall 001, Bird Island Treatment Facility

Waterbody affected: Niagara River , Unity Island Park , Black Rock Canal, Beaver Ialand Park

Discharge description:

Potentially impacted public areas: -

Discharge date and time: 08-12-2025 03:39:00

Discharge duration: 4 Hours

Discharge reason: System Capacity - Plant capacity reached in the secondary

Steps taken to contain discharge: Permitted CSO Discharge

Volume/rate of discharge: 58379 Gallons per Minute Estimated

Treated state of discharge: Partially Treated with Disinfection

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

Erie, Buffalo, Sewage Discharge, Niagara River, Park

ID: 2117317408407720

CLOSED

Opened On: Aug 11, 2025 12:40:26 EST - by Matthew Wiatrowski
Last Updated On: Nov 10, 2025 09:09:50 EST - by Alexander Emmerson
Closed On: Nov 10, 2025 09:09:50 EST - by Alexander Emmerson

Notification: Aug 11, 2025 12:40:26 EST

Title	ID	Phase	Sent By	Incident Template	Confirmed	Not Confirmed	Unreachable
Erie, Buffalo, Sewage Discharge, Niagara River, Park	2117317408411740	New	Matthew Wiatrowski	Buffalo Sewer Authority - Bird Island, NY0028410, SPRTK	0	2628	362

Message (Customized Email below)

Erie, Buffalo, Sewage Discharge, Niagara River, Park Unity Island Park, Black Rock Canal Park, Beaver Island Park

Type: Nixle Event Subscriptions, CAP RSS Feed

Customized Email

New York Sewage Pollution Right to Know

Issued: 08-11-2025, 13:40:26

Affects: New York - Erie - Buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 90 West Ferry St, Buffalo, NY

Location details:

Waterbody affected: Niagara River

Discharge description:

Potentially impacted public areas: Park - Unity Island Park, Black Rock Canal Park, Beaver Island Park

Discharge date and time: 08-11-2025 13:20:07

Discharge duration: Ongoing Minutes

Discharge reason: System Capacity - Plant upset and reduced capacity due to secondary project

Steps taken to contain discharge: disinfection and primary treatment applied, ongoing system investigation and maintenance to restore secondary capacity

Volume/rate of discharge: 1000000 Gallons Estimated

Treated state of discharge: Partially Treated with Disinfection

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

Erie, Buffalo, Sewage Discharge, Niagara River,

ID: 2100309338091430

CLOSED

Opened On: Aug 07, 2025 00:48:37 EST - by Ameer Lucas
Last Updated On: Aug 07, 2025 05:03:19 EST - by Ameer Lucas
Closed On: Aug 07, 2025 05:03:19 EST - by Ameer Lucas

Notification: Aug 07, 2025 00:48:38 EST

Title	ID	Phase	Sent By	Incident Template	Confirmed	Not Confirmed	Unreachable
Erie, Buffalo, Sewage Discharge, Niagara River,	2100309338107361	New	Ameer Lucas	Buffalo Sewer Authority - Bird Island, NY0028410, SPRTK	0	2623	368

Message (Customized Email below)
Erie, Buffalo, Sewage Discharge, Niagara River,

Type: Nixle Event Subscriptions, CAP RSS Feed

Customized Email

New York Sewage Pollution Right to Know

Issued: 08-07-2025, 01:48:38
Affects: New York - Erie - Buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 90 West Ferry, Buffalo, NY

Location details: BSA outfall 001, Bird Island Treatment plant

Waterbody affected: Niagara River

Discharge description: Disinfection and primary treatment applied, ongoing system investigation and maintenance to restore secondary capacity

Potentially impacted public areas: -

Discharge date and time: 08-07-2025 01:23:00

Discharge duration: 24 Hours

Discharge reason: System Capacity - Plant Capacity Reached

Steps taken to contain discharge: Permitted CSO Discharge

Volume/rate of discharge: 55,565 Gallons per Minute Estimated

Treated state of discharge: Partially Treated with Disinfection

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

Notification: Aug 07, 2025 05:03:20 EST

Title	ID	Phase	Sent By	Incident Template	Confirmed	Not Confirmed	Unreachable
UPDATE: Erie, Buffalo, Sewage Discharge, Niagara	2107353084			Buffalo Sewer Authority -			

River,	332790	Update	Ameer Lucas	Bird Island, NY0028410, SPRTK	0	2627	364

Message (Customized Email below)
UPDATE: Erie, Buffalo, Sewage Discharge, Niagara River,

Type: Nixle Event Subscriptions, CAP RSS Feed

Customized Email

New York Sewage Pollution Right to Know

UPDATE:

Issued: 08-07-2025, 06:03:20
Affects: New York - Erie - Buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 90 West Ferry, Buffalo, NY

Location details: BSA outfall 001, Bird Island Treatment plant

Waterbody affected: Niagara River

Discharge description: Disinfection and primary treatment applied, ongoing system investigation and maintenance to restore secondary capacity

Potentially impacted public areas: -

Discharge date and time: 08-07-2025 01:23:00

Discharge duration: 24 Hours

Discharge reason: System Capacity - Plant Capacity Reached

Steps taken to contain discharge: Permitted CSO Discharge

Volume/rate of discharge: 55,565 Gallons per Minute Estimated

Treated state of discharge: Partially Treated with Disinfection

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

Erie, buffalo, Sewage Discharge, Niagara river,

ID: 2100412417231382

CLOSED

Opened On: Aug 02, 2025 06:01:43 EST - by Ameer Lucas
Last Updated On: Aug 02, 2025 10:54:23 EST - by Rosaleen Nogle
Closed On: Aug 02, 2025 10:54:23 EST - by Rosaleen Nogle

Notification: Aug 02, 2025 06:01:43 EST

Title	ID	Phase	Sent By	Incident Template	Confirmed	Not Confirmed	Unreachable
Erie, buffalo, Sewage Discharge, Niagara river,	2100412417242042	New	Ameer Lucas	Buffalo Sewer Authority - Bird Island, NY0028410, SPRTK	0	2640	348

Message (Customized Email below)
Erie, buffalo, Sewage Discharge, Niagara river,

Type: Nixle Event Subscriptions, CAP RSS Feed

Customized Email

New York Sewage Pollution Right to Know

Issued: 08-02-2025, 07:01:43
Affects: New York - Erie - buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 90 west ferry, buffalo, NY

Location details:

Waterbody affected: Niagara river

Discharge description:

Potentially impacted public areas: -

Discharge date and time: 08-02-2025 02:39:00

Discharge duration: 24 Hours

Discharge reason: System Capacity - Plant reached flow capacity

Steps taken to contain discharge: Permitted CSO Discharge

Volume/rate of discharge: 41,699 Gallons per Minute Estimated

Treated state of discharge: Partially Treated with Disinfection

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

Customized Email

New York Sewage Pollution Right to Know

UPDATE:

Issued: 08-02-2025, 11:12:05

Affects: New York - Erie - buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 90 west ferry, buffalo, NY

Location details:

Waterbody affected: Niagara river

Discharge description:

Potentially impacted public areas: -

Discharge date and time: 08-02-2025 02:39:00

Discharge duration: 8.5 Hours

Discharge reason: System Capacity - Plant reached flow capacity

Steps taken to contain discharge: disinfection and primary treatment applied, ongoing system investigation and maintenance to restore secondary capacity

Volume/rate of discharge: 11,111 Gallons per Minute Estimated

Treated state of discharge: Partially Treated with Disinfection

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

Notification: Aug 02, 2025 10:54:23 EST

Title	ID	Phase	Sent By	Incident Template	Confirmed	Not Confirmed	Unreachable
ENDED: Erie, Buffalo, Sewage Discharge, Niagara River, Park	2100309338027705	Close	Rosaleen Nogle	Buffalo Sewer Authority - Bird Island, NY0028410, SPRTK	0	2635	353

Message (Customized Email below)

ENDED: Erie, Buffalo, Sewage Discharge, Niagara River, Park Beaver Island, Unity Island, Black Rock Canal

Type: Nixle Event Subscriptions, CAP RSS Feed

Customized Email

New York Sewage Pollution Right to Know

ENDED

Issued: 08-02-2025, 11:54:23

Affects: New York - Erie - Buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 90 West Ferry, Buffalo, NY

Location details:

Waterbody affected: Niagara River

Discharge description: Primary treatment and disinfection applied.

Potentially impacted public areas: Park - Beaver Island, Unity Island, Black Rock Canal

Discharge date and time: 08-02-2025 02:39:00

Discharge duration: 8.5 Hours

Discharge reason: System Capacity - Plant reached flow capacity

Steps taken to contain discharge: Disinfection and primary treatment applied, ongoing system investigation and maintenance to restore secondary capacity.

Volume/rate of discharge: 11,111 Gallons per Minute Estimated

Treated state of discharge: Partially Treated with Disinfection

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

Erie, Buffalo, Sewage Discharge, Niagara River,

ID: 2100309337993457

CLOSED

Opened On: Aug 01, 2025 02:20:44 EST - by Ameer Lucas
Last Updated On: Aug 02, 2025 23:29:49 EST - by Ameer Lucas
Closed On: Aug 02, 2025 23:29:49 EST - by Ameer Lucas

Notification: Aug 01, 2025 02:20:44 EST

Title	ID	Phase	Sent By	Incident Template	Confirmed	Not Confirmed	Unreachable
Erie, Buffalo, Sewage Discharge, Niagara River,	2100309338003450	New	Ameer Lucas	Buffalo Sewer Authority - Bird Island, NY0028410, SPRTK	0	2754	235

Message (Customized Email below)
Erie, Buffalo, Sewage Discharge, Niagara River,

Type: Nixle Event Subscriptions, CAP RSS Feed

Customized Email

New York Sewage Pollution Right to Know

Issued: 08-01-2025, 03:20:44
Affects: New York - Erie - Buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 90 West Ferry, Buffalo, NY

Location details:

Waterbody affected: Niagara River

Discharge description:

Potentially impacted public areas: -

Discharge date and time: 08-01-2025 02:44:00

Discharge duration: 24 Hours

Discharge reason: System Capacity - Plant flow is to capacity

Steps taken to contain discharge: Permitted CSO Discharge

Volume/rate of discharge: 29,166 Gallons per Minute Estimated

Treated state of discharge: Partially Treated with Disinfection

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

Notification: Aug 02, 2025 23:29:49 EST

Title	ID	Phase	Sent By	Incident Template	Confirmed	Not Confirmed	Unreachable
ENDED: Erie, Buffalo, Sewage Discharge, Niagara	2100412417			Buffalo Sewer Authority -			

River, Black Rock Canal , Unity Island, Beaver Island,	253026	Close	Ameer Lucas	Bird Island, NY0028410, SPRTK	0	2626	362

Message (Customized Email below)
ENDED: Erie, Buffalo, Sewage Discharge, Niagara River, Black Rock Canal , Unity Island, Beaver Island,

Type: Nixle Event Subscriptions, CAP RSS Feed

Customized Email

New York Sewage Pollution Right to Know

ENDED

Issued: 08-03-2025, 00:29:49
Affects: New York - Erie - Buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 90 West Ferry, Buffalo, NY

Location details:

Waterbody affected: Niagara River, Black Rock Canal , Unity Island, Beaver Island

Discharge description: Controlled Partially Treated Sanitary Discharge

Potentially impacted public areas: -

Discharge date and time: 08-01-2025 02:44:00

Discharge duration: 9 Hours

Discharge reason: System Capacity - Plant flow is to capacity

Steps taken to contain discharge: Disinfection and primary treatment applied, ongoing system investigation and maintenance to restore secondary capacity

Volume/rate of discharge: 29,166 Gallons per Minute Estimated

Treated state of discharge: Partially Treated with Disinfection

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

WASTEWATER FACILITY OPERATION REPORT FOR THE MONTH OF September 2025

SPDES PERMIT NO. **NY - 0028410** | FACILITY NAME **Secondary Treatment Plant** | FACILITY OWNER **Buffalo Sewer Authority** | FACILITY LOCATION **Ft. of West Ferry Street**

	Day	Date	Daily Precip. in/Day	VOL. OF SEWAGE TREATED Inst.Max MGD	Daily Avg MGD	Inst.Min MGD	TEMP. (C) Influent (2)	Effint. (2)	pH(S.U.) Influent Min	Influent Max	Effluent Min	Effluent Max	SETTLEABLE SOLIDS ml/l Influent Max.	Effluent Max.	B.O.D. mg/l Influent Type		Effluent Type		SUSPENDED SOLIDS ml/l Influent Type		Effluent Type	
	Mon	1	0.00	93	65	40	22	23	6.4	7.0	6.9	7.2	5.9	0.1	107		10.0		89		6.0	
	Tue	2	0.00	111	72	47	22	23	6.6	6.7	6.9	7.1	3.1	0.1	133		24.0		103		6.6	
	Wed	3	0.02	96	67	39	22	23	6.3	6.7	6.9	7.1	4.7	0.1	180	H	24.0		107		5.4	
P	Thu	4	0.36	342	141	51	22	23	6.3	6.7	6.8	7.0	5.0	0.1	87	H	30.0		94		8.6	
	Fri	5	0.00	113	81	42	22	23	6.7	6.8	7.0	7.2	3.2	0.1	92	H	8.6		62	S	4.0	
	Sat	6	T	105	69	50	23	24	6.6	6.9	7.0	7.1	1.2	0.1	103		7.9		81		5.6	
	Sun	7	T	98	65	46	22	23	6.7	7.0	7.0	7.0	1.1	0.1	116		9.6		102		6.6	
	Mon	8	0.00	100	66	49	22	23	6.6	7.0	7.0	7.0	4.5	0.1	157		8.5		83		3.8	
	Tue	9	0.00	106	72	38	22	23	6.6	6.8	7.0	7.1	5.5	0.1	164		20.0		108		5.2	
	Wed	10	0.00	126	86	72	22	23	6.6	6.8	7.0	7.2	4.0	0.1	150		16.0		103		5.6	
	Thu	11	0.00	121	85	25	22	23	6.5	6.9	7.1	7.2	1.4	0.1	134		22.0		99	S	5.2	
	Fri	12	0.00	111	79	56	22	23	6.3	6.8	7.1	7.2	3.0	0.1	182	H	28.0		108		4.8	
	Sat	13	T	116	77	30	22	23	6.5	6.7	7.0	7.2	4.1	0.1	140		25.0		98		5.8	
	Sun	14	0.00	112	79	61	22	23	6.4	6.9	7.0	7.3	5.0	0.1	174		17.0		112		7.2	
	Mon	15	0.00	105	81	64	22	23	6.5	7.0	6.9	7.1	5.0	0.1	139		27.0		106		5.8	
	Tue	16	0.00	114	82	57	22	23	6.4	6.6	7.0	7.1	5.4	0.1	218		31.0		120	S	5.4	
	Wed	17	0.00	109	80	18	22	23	6.1	6.5	6.9	7.2	5.1	0.1	205		21.0		128		7.6	
	Thu	18	0.00	112	80	65	22	23	6.2	6.5	7.0	7.2	4.5	0.1	185		24.0		122		7.2	
	Fri	19	0.00	104	72	55	23	24	6.1	6.9	7.1	7.2	4.3	0.1	236		38.0		132		12.0	
	Sat	20	0.00	88	60	40	22	23	6.4	6.6	7.1	7.2	4.8	0.1	194		23.0		118		12.0	
	Sun	21	0.03	109	62	33	21	22	6.4	6.8	6.8	7.1	3.6	0.1	121		27.0		106		5.6	
P	Mon	22	0.20	176	80	36	22	23	6.4	6.6	7.0	7.2	5.2	0.1	184	H	25.0		214		12.0	
	Tue	23	0.04	97	73	64	22	23	6.2	6.5	7.1	7.2	1.1	0.1	181	D	16.0		78	S	8.0	
	Wed	24	0.12	96	64	49	22	23	6.5	6.6	7.1	7.3	1.6	0.1	206		26.0		85		12.0	
P	Thu	25	0.56	240	95	46	23	24	6.3	6.6	7.1	7.2	16.5	0.1	166		22.0		253		9.6	
P	Fri	26	0.00	248	100	45	23	24	6.4	6.7	7.0	7.2	8.5	0.1	127		20.0		124		6.0	
	Sat	27	0.00	104	67	51	22	23	6.4	6.7	7.0	7.1	0.5	0.1	110		8.8		64		7.8	
	Sun	28	0.00	106	75	53	22	23	6.5	6.7	6.9	7.1	3.7	0.1	150		13.0		116		6.8	
	Mon	29	0.00	97	66	45	22	23	6.4	6.8	6.9	7.1	5.0	0.1	159	S	16.0		100		5.4	
	Tue	30	0.00	98	68	48	23	24	6.4	6.5	6.9	7.1	4.5	0.1	154		20.0		106		9.4	
			Total Precip. 1.33		Monthly Average 77		Monthly Average Influent 22	Effluent 23	Monthly Min 6.1	Max 7.0	Min 6.8	Max 7.3	Monthly Max 16.5	Monthly Max 0.1	30 day flow-wght avg(1) Inf(mgl) 153	Eff(mg/l) 20.2	%Rem 86.8		30 day flow-wght avg(1) Inf(mgl) 112	Eff(mg/l) 7.1	%Rem 93.7	
													30 Day Average Quantity Loading (1)		98371 lbs/day				72077 lbs/day			

(1) Refer to current edition of "Notice to SPDEF Permittees Regarding Use of the National Pollutant Discharge Elimination System(NPDES) Discharge Monitoring Report Form" for procedures to calculate loadings, flow-weighted average, geometric mean, maximum, minimum, percent removal, etc.
(2) If temperature is measured more than once a day, report the average for the day.
NOTE: Refer to current SPDES permit for specific monitoring requirements. Sample type for temperature, pH, settleable solids, chlorine residual and fecal coliform is grab.

New York State Department of Environmental Conservation — Division of Water

FACILITY MAILING ADDRESS (Street, City, State, Zip Code)	TELEPHONE NUMBER	CHIEF OPERATOR'S NAME	CERTIFICATION GRADE
Ft. of W. Ferry St., Buffalo, NY 14213	**716 851-4664**	**Alexander C. Emmerson** **Plant Superintendent**	**4A**

	TOTAL PHOSPHORUS mg/l		CHLORINE RESIDUAL		FECAL COLIFORM	
	Influent Type	Effluent Type	Effluent mg/l Minimum	Maximum	Effluent MF or MPN/100ml	REMARKS Enter any other comments, observations, operating problems, equipment failure, etc.
	3.30	1.60	0.07	0.90	364	
	3.30	1.10	0.40	1.70	18	
	3.50	1.40	0.10	1.20	29	
P	2.00	1.20	0.43	1.59	67	
	2.20	0.30	0.31	1.50	146	
	2.40	0.28	0.50	1.80	37	
	3.40	0.47	0.28	1.40	18	
	3.40	1.60	0.37	1.36	19	
	3.70	1.10	0.47	1.31	22	
	3.80	0.73	0.60	1.25	18	
	3.20	0.98	0.60	1.46	66	
	3.40	1.10	0.64	1.46	28	
	3.30	1.20	0.57	1.40	18	
	3.50	0.48	0.67	1.22	18	
	3.40	0.67	0.85	1.46	19	
	4.60	3.10	0.71	1.35	28	
	3.80	1.50	0.96	1.40	19	
	4.20	0.57	1.05	1.30	18	
	3.90	1.50	0.89	1.59	19	
	3.50	2.00	0.92	1.46	18	
	3.20	0.33	1.00	1.33	18	
P	3.40	0.52	1.00	1.30	19	
	2.90	0.42	0.80	1.46	21	
P	3.60	1.90	0.95	1.57	19	
P	3.50	0.69	0.80	1.35	59	
P	3.00	0.33	0.30	1.33	225	
	2.60	0.46	0.72	1.37	27	
	3.20	0.34	0.77	1.50	20	
	3.50	0.25	0.69	1.35	29	
	3.20	0.75	0.80	1.40	19	

The following reports for September 2025 are attached:

- Summary of operations data
- Sewer inspection report.
- Priority Pollutant and Monitoring Summary.
- Partial treatment letters.

RWW pump 1 is back in service.
RWW pump 3 is out of service.
SWW pump 3 is out of service for motor and discharge valve repair.
SWW pump 5 is out of service for electrical repair.
Digester #6 is out of service for cleaning and rehab
Aeration tanks 1B, 2B, 3B, 4B, 5B, 6B, 7B and 8B are out of service for phase 1 of the secondary treatment rehab project.
Final Clarifiers 1B, 2B, 3B, 4B, 5B, 6B, 7B and 8B are out of service for phase 1 of the secondary treatment rehab project.
On Page 3 the sludge removal from plant figures represent the solids removed this month from Phase 1 of the secondary treatment capital project. Amount reported in tons not cu.yds.

30 day flow-weighted avg(1)		Monthly			
Influent(mg/l)	Effluent(mg/l)	Minimum(1)	Maximum(1)	30 day Geo. Mean(1)	All sample analyses are performed by the Buffalo Sewer Authority Lab # 10132 unless otherwise noted
3.34	0.95	0.07	1.80	31	
551.71 lbs/day					

Effect on Receiving Stream

NAME OF RECEIVING STREAM			
DATE	STATION	PARAMETER	RESULT

Name and amount of chemicals used In treatment process during month:

a. NaOCl	92850	gals.
b. Polymer-thick.	200928	lbs.
c. Polymer-cond.	68548	lbs.
d.		lbs.
e.		lbs.
f.		lbs.

Amount of electrical power consumed:

a. Commercial	4090588	kilowatt hours
b. Stand-by		kilowatt hours

Amount of fuel consumed:

a. Natural Gas	177220000	cubic feet
b. Oil		gallons
c. Gasoline		gallons
d. Coal		tons
e. Digester Gas	11764898	cubic feet
f. Propane		gallons

Sludge removal from plant:

a. Amount	1093	cu.yds
b. Solid Content		%
c. Volatile Solids Content		%
d. Disposal Site		

Other Solid Wastes:

a. Screenings	67320	lbs.
b. Grit	45480	lbs.
c. Ashes	374.26	tons
d.		
e.		
f.		
g. Disposal Site		

Digester Gas Wasted 1735032 cubic feet

Labor Expended:

POSITION NAME	NUMBER FULL TIME	NUMBER PART TIME	TOTAL HOURS

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a CLass A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative

BUFFALO SEWER AUTHORITY

Report Date: 10/20/2025

SECONDARY TREATMENT BYPASS September 2025

Day	Date	Start Time	End Time	Duration, Hours	FLOWS, MG #001	CHLORINE RESIDUAL, mg/l MAX	Sample Time	FECAL COLIFORMS Col./ 100 mL	7Day G.M.	SET. SOLIDS mL/L	OIL & GREASE mg/L *	EVENT COMPOSITE BOD mg/L	SUSP. SOLIDS mg/L	AMM-ONIA as NH3 mg/L *	AMM-ONIA lbs/ day	NITRO-GEN TKN mg/L *	TOT. PHOS-PHATES mg/L
Thu	4	13:06	21:57	8.85	42	0.7									< 1612		
							16:06	1700000		2.5							
							16:06 (Comp.)				5.9	102	91	H 4.60		9.80	2.00
							20:06	700000	835438	0.6							
Mon	22	00:30	04:54	4.40	9	0.2									809		
							03:30	3500000	3500000	9.2							
							03:30 (Comp.)				13.2	270	391	11.00		19.00	4.70
Thu	25	01:14	10:43	9.48	24	0.5									2515		
							04:14	5400000		0.1							
							04:14 (Comp.)				B	234	133	11.00		21.00	4.10
							08:14	5400000	4673245	0.1							
Thu	25	21:06	24:00	2.90	12	0.4											
							23:59 (Carry)		4673245		B			5.60			
Fri	26	00:00	09:49	9.82	34										1588		
							00:06	3500000		0.4							
							00:06 (Comp.)				11.1	138	110	5.60		9.70	2.20
							04:06	700000		0.5							
							08:06	1400000	2654758	0.2							
TOTAL					121						30.2						
MAXIMA						0.7		5400000	4673245	9.2	13.2	270	391	11.00	2515	21.00	4.70
MINIMA																	
AVERAGE								2125505 G.M.				186	181	7.56	1631	14.88	3.25
COUNT					4												

NOTE: A time of "00:00" stands for 12 Midnight.
G.M Geometric Mean
FWA Flow-Weighted Average
B Below Reporting Limit
N Not Detected

** HEM, TKN, and NH3 are analyzed by contract lab #10026*

September 2025 — WEATHER, FLOWS & TEMPERATURES

DAY	DATE	PRECIPITATION RAIN INCHES	PRECIPITATION SNOW INCHES	FLOWS (MGD) SEWAGE RAW MAX	RAW AVG	RAW MIN	#001 (MG)	FE	TEMPERATURES AIR [F] MAX	AIR [F] MIN	AIR [F] AVG	SEWAGE [F] RAW	SEWAGE [F] FE
Mon	1	0	0	93	65	40		69	78	51	65	71	73
Tue	2	0	0	111	72	47		75	79	56	68	72	73
Wed	3	.02	0	96	67	39		69	81	55	68	72	74
Thu	4	.36	0	342	141	51	42	100	68	55	62	71	73
Fri	5	0	0	113	81	42		85	75	51	63	72	74
Sat	6	T	0	105	69	50		72	68	56	62	73	75
Sun	7	T	0	98	65	46		68	65	54	60	71	73
Mon	8	0	0	100	66	49		68	67	46	57	72	73
Tue	9	0	0	106	72	38		67	75	50	63	72	73
Wed	10	0	0	126	86	72		67	77	51	64	72	73
Thu	11	0	0	121	85	25		71	78	53	66	72	73
Fri	12	0	0	111	79	56		65	78	52	65	72	73
Sat	13	T	0	116	77	30		65	74	57	66	72	73
Sun	14	0	0	112	79	61		65	80	56	68	72	73
Mon	15	0	0	105	81	64		66	80	54	67	72	74
Tue	16	0	0	114	82	57		68	82	53	68	72	73
Wed	17	0	0	109	80	18		64	83	55	69	72	73
Thu	18	0	0	112	80	65		67	77	54	66	72	74
Fri	19	0	0	104	72	55		65	74	52	63	73	75
Sat	20	0	0	88	60	40		61	73	50	62	72	73
Sun	21	.03	0	109	62	33		65	85	53	69	70	72
Mon	22	.2	0	176	80	36	9	77	77	64	71	71	73
Tue	23	.04	0	97	73	64		78	77	64	71	72	73
Wed	24	.12	0	96	64	49		66	77	61	69	72	74
Thu	25	.56	0	240	95	46	36	59	72	64	68	74	76
Fri	26	0	0	248	100	45	34	60	72	60	66	73	75
Sat	27	0	0	104	67	51		71	76	56	66	72	74
Sun	28	0	0	106	75	53		80	77	54	66	72	74
Mon	29	0	0	97	66	45		68	81	49	65	72	74
Tue	30	0	0	98	68	48		67	75	51	63	73	74
TOTALS		1.33			2308		121	2088					
MAXIMA		0.56		342	141			100	85			74	76
MINIMA					60	18		59		46		70	72
AVERAGE		0.04			76.9			69.6			66	72	74
COUNT		7					4						

Laboratory analyses performed by NELAC accredited laboratory 10132 and/or 10026

12-MONTH FLOW AVG:	107	MGD
TOTAL ASH:	374.26	tons
POLYMER THICK.:	200928	lbs
POLYMER COND.:	68548	lbs
ELECTRICITY:	4090588	kwatts
SCREENINGS:	67320	lbs
DIG. GAS-METERED:	13499930	cu.ft.
USED:	11764898	cu.ft.
WASTED:	1735032	cu.ft.
LBS POLY/DT COND:	62	lbs
LBS POLY/DT THCK:	98	lbs

NOTES:

TERMS:

#001	Primary Treatment Discharge
RAW	Raw Sewage Influent
PFO	Primary Treatment Flow Out
ATI	Aeration Flow IN
FE	Plant Final Effluent
T	Trace
TS	Total Solids
TSS	Total Suspended Solids
VM	Volatile Matter
MGD	Million Gallons per Day

September 2025	pH (S.U.)						SETTLEABLE SOLIDS (mL/L)									
	RAWINFLUENT			FINAL EFFLUENT			RAW INFLUENT								FINAL EFFLUENT	
DAY DATE	MIN	MAX	AVER	MIN	MAX	AVER	1 A.M.	5 A.M.	9 A.M.	1 P.M.	5 P.M.	9 P.M.	MAX	AVER	MAX	AVER
Mon 1	6.4	7.0	6.7	6.9	7.2	7.0	2.1	3.0	0.5	1.1	1.1	5.9	5.9	2.3	<0.1	< 0.1
Tue 2	6.6	6.7	6.6	6.9	7.1	7.0	2.9	3.1	1.5	2.3	2.7	3.0	3.1	2.6	<0.1	< 0.1
Wed 3	6.3	6.7	6.5	6.9	7.1	7.0	3.5	3.2	3.1	3.6	3.1	4.7	4.7	3.5	<0.1	< 0.1
Thu 4	6.3	6.7	6.5	6.8	7.0	6.9	4.1	4.9	3.1	5.0	1.3	0.9	5.0	3.2	<0.1	< 0.1
Fri 5	6.7	6.8	6.8	7.0	7.2	7.1	0.5	3.2	0.4	0.2	0.4	0.8	3.2	0.9	<0.1	< 0.1
Sat 6	6.6	6.9	6.8	7.0	7.1	7.0	0.3	1.2	0.8	0.2	1.2	1.1	1.2	0.8	<0.1	< 0.1
Sun 7	6.7	7.0	6.8	7.0	7.0	7.0	0.2	0.3	0.6	0.8	1.1	0.4	1.1	0.6	<0.1	< 0.1
Mon 8	6.6	7.0	6.8	7.0	7.0	7.0	1.4	0.3	0.3	0.5	4.0	4.5	4.5	1.8	<0.1	< 0.1
Tue 9	6.6	6.8	6.7	7.0	7.1	7.1	5.5	4.0	1.3	1.0	0.8	1.2	5.5	2.3	<0.1	< 0.1
Wed 10	6.6	6.8	6.7	7.0	7.2	7.1	4.0	1.9	0.8	4.0	3.8	1.1	4.0	2.6	<0.1	< 0.1
Thu 11	6.5	6.9	6.7	7.1	7.2	7.2	0.6	0.3	0.8	1.4	1.0	1.2	1.4	0.9	<0.1	< 0.1
Fri 12	6.3	6.8	6.6	7.1	7.2	7.1	3.0	0.8	0.9	0.5	2.4	0.6	3.0	1.4	<0.1	< 0.1
Sat 13	6.5	6.7	6.6	7.0	7.2	7.1	0.3	0.3	1.1	3.0	2.7	4.1	4.1	1.9	<0.1	< 0.1
Sun 14	6.4	6.9	6.6	7.0	7.3	7.1	4.1	4.7	1.0	0.9	4.0	5.0	5.0	3.3	<0.1	< 0.1
Mon 15	6.5	7.0	6.8	6.9	7.1	7.0	4.9	4.0	1.7	1.9	4.1	5.0	5.0	3.6	<0.1	< 0.1
Tue 16	6.4	6.6	6.5	7.0	7.1	7.1	4.5	4.1	2.1	5.4	5.0	5.0	5.4	4.4	<0.1	< 0.1
Wed 17	6.1	6.5	6.4	6.9	7.2	7.1	4.2	5.0	1.1	2.2	4.7	5.1	5.1	3.7	<0.1	< 0.1
Thu 18	6.2	6.5	6.4	7.0	7.2	7.1	4.3	4.5	0.9	1.1	1.4	0.7	4.5	2.2	<0.1	< 0.1
Fri 19	6.1	6.9	6.5	7.1	7.2	7.1	1.1	1.5	0.4	0.3	4.3	3.8	4.3	1.9	<0.1	< 0.1
Sat 20	6.4	6.6	6.5	7.1	7.2	7.1	2.6	0.8	0.6	2.6	3.1	4.8	4.8	2.4	<0.1	< 0.1
Sun 21	6.4	6.8	6.6	6.8	7.1	7.0	3.6	2.8	1.7	0.9	2.1	3.3	3.6	2.4	<0.1	< 0.1
Mon 22	6.4	6.6	6.5	7.0	7.2	7.1	4.1	5.2	3.6	2.5	1.1	1.4	5.2	3.0	<0.1	< 0.1
Tue 23	6.2	6.5	6.4	7.1	7.2	7.1	0.6	0.4	0.6	1.1	0.2	0.3	1.1	0.5	<0.1	< 0.1
Wed 24	6.5	6.6	6.6	7.1	7.3	7.2	0.5	0.2	1.2	1.6	0.7	1.1	1.6	0.9	<0.1	< 0.1
Thu 25	6.3	6.6	6.5	7.1	7.2	7.1	0.4	0.5	0.7	0.5	1.5	16.5	16.5	3.4	<0.1	< 0.1
Fri 26	6.4	6.7	6.5	7.0	7.2	7.1	8.0	8.5	0.4	0.9	0.5	0.5	8.5	3.1	<0.1	< 0.1
Sat 27	6.4	6.7	6.5	7.0	7.1	7.0	0.3	0.3	0.1	0.2	0.5	0.5	0.5	0.3	<0.1	< 0.1
Sun 28	6.5	6.7	6.6	6.9	7.1	7.0	0.2	0.6	0.6 <	0.1	3.7	0.3	3.7	0.9	<0.1	< 0.1
Mon 29	6.4	6.8	6.6	6.9	7.1	7.0	0.5	1.7	1.4	1.9	2.7	5.0	5.0	2.2	<0.1	< 0.1
Tue 30	6.4	6.5	6.4	6.9	7.1	7.0	4.1	3.6	3.0	4.2	4.5	4.0	4.5	3.9	<0.1	< 0.1
TOTALS																
MAXIMA		7.0	6.8		7.3	7.2	8.0	8.5	3.6	5.4	5.0	16.5	16.5	4.4	<0.1	< 0.1
MINIMA	6.1		6.4	6.8		6.9								0.3		< 0.1
AVERAGES			6.6			7.1	2.5	2.5	1.2	1.7	2.3	3.1		2.2		< 0.1
COUNT							30	30	30	30	30	30		180		

September 2025		**BIOCHEMICAL OXYGEN DEMAND**							% REMOVAL		CBOD	
DAY	DATE	mG/L	7DAY AVG	RAW 1000#	ATI mG/L	FE mG/L	7DAY AVG	FE 1000#	7DAY 1000#	DAILY	7DAY AVG	FE mG/L	1000#
Mon	1	107		58.31	88	10.0		5.72		90.65			
Tue	2	133		79.56	121	24.0		14.98		81.95			
Wed	3	180		101.33	167	24.0		13.91		86.67			
Thu	4	87		102.00	110	30.0		25.08		65.52		3.8	3.2
Fri	5	92		62.51	86	8.6		6.07		90.65			
Sat	6	103	116.43	59.01	211	7.9	16.06	4.75	10.70	92.33	86.21		
Sun	7	116		62.70	83	9.6		5.44		91.72			
Mon	8	157		85.88	95	8.5		4.79		94.59			
Tue	9	164		98.95	117	20.0		11.10		87.80			
Wed	10	150		107.61	125	16.0		8.92		89.33			
Thu	11	134		94.58	109	22.0		13.04		83.58		3.1	1.8
Fri	12	182		120.04	130	28.0		15.07		84.62			
Sat	13	140	149.00	89.72	121	25.0	18.44	13.58	10.28	82.14	87.62		
Sun	14	174		114.79	117	17.0		9.23		90.23			
Mon	15	139		93.71	113	27.0		14.97		80.58			
Tue	16	218		148.73	133	31.0		17.58		85.78			
Wed	17	205		136.30	165	21.0		11.15		89.76			
Thu	18	185		123.97	138	24.0		13.41		87.03		3.7	2.1
Fri	19	236		142.11	176	38.0		20.67		83.90			
Sat	20	194	193.00	96.94	124	23.0	25.86	11.75	14.11	88.14	86.60		
Sun	21	121		62.56	108	27.0		14.62		77.69			
Mon	22	184		122.27	143	25.0		16.15		86.41			
Tue	23	181		110.32	140	16.0		10.41		91.16			
Wed	24	206		110.05	206	26.0		14.38		87.38			
Thu	25	166		131.93	120	22.0		10.84		86.75		3.5	1.7
Fri	26	127		105.44	75	20.0		10.00		84.25			
Sat	27	110	156.43	61.44	90	8.8	20.69	5.22	11.66	92.00	86.78		
Sun	28	150		93.30	114	13.0		8.67		91.33			
Mon	29	159		87.34	119	16.0		9.10		89.94			
Tue	30	154		87.73	129	20.0		11.11		87.01			
TOTALS				2951.1				351.71					
MAXIMA		236	193.00	148.7	211	38.0	25.86	25.08	14.11	94.59		3.8	3.2
MINIMA		87		58.3	75	7.9		4.75		65.52	86.21	3.1	1.7
AVERAGES		155		98.4	126	20.3		11.72		86.93		3.5	2.2
COUNT													

September 2025	**SUSPENDED SOLIDS**										*TOTAL PHOSPHATES (as P)*				
DAY DATE	*RAW mG/L*	*7DAY AVG*	*RAW 1000#*	*PFO mG/L*	*ATI mG/L*	*FE mG/L*	*7DAY AVG*	*FE 1000#*	*7DAY AVG*	*% REMOVAL DAILY* / *AVG*	*RAW mG/L*	*RAW 1000#*	*FE mG/L*	*FE 1000#*	*% REM*
Mon 1	89		48.5	47	100	6.0		3.4		93.3	3.3	1.80	1.60	0.92	49.09
Tue 2	103		61.6		104	6.6		4.1		93.6	3.3	1.97	1.10	0.69	65.22
Wed 3	107		60.2		111	5.4		3.1		95.0	3.5	1.97	1.40	0.81	58.82
Thu 4	94		110.2	58	162	8.6		7.2		90.9	2.0	2.34	1.20	1.00	57.21
Fri 5	62		42.1	39	56	4.0		2.8		93.5	2.2	1.49	0.30	0.21	85.83
Sat 6	81	87	46.4	69	142	5.6	5.8	3.4	3.77	93.1 / 93.6	2.4	1.38	0.28	0.17	87.75
Sun 7	102		55.1	53	78	6.6		3.7		93.5	3.4	1.84	0.47	0.27	85.51
Mon 8	83		45.4	42	53	3.8		2.1		95.4	3.4	1.86	1.60	0.90	51.57
Tue 9	108		65.2	34	58	5.2		2.9		95.2	3.7	2.23	1.10	0.61	72.64
Wed 10	103		73.9	47	74	5.6		3.1		94.6	3.8	2.73	0.73	0.41	85.07
Thu 11	99		69.9	56	82	5.2		3.1		94.7	3.2	2.26	0.98	0.58	74.28
Fri 12	108		71.2	47	64	4.8		2.6		95.6	3.4	2.24	1.10	0.59	73.60
Sat 13	98	100	62.8	60	70	5.8	5.3	3.2	2.96	94.1 / 95.3	3.3	2.11	1.20	0.65	69.17
Sun 14	112		73.9	58	74	7.2		3.9		93.6	3.5	2.31	0.48	0.26	88.71
Mon 15	106		71.5	48	80	5.8		3.2		94.5	3.4	2.29	0.67	0.37	83.80
Tue 16	120		81.9	35	70	5.4		3.1		95.5	4.6	3.14	3.10	1.76	43.98
Wed 17	128		85.1	57	88	7.6		4.0		94.1	3.8	2.53	1.50	0.80	68.47
Thu 18	122		81.8	45	107	7.2		4.0		94.1	4.2	2.81	0.57	0.32	88.68
Fri 19	132		79.5	72	145	12.0		6.5		90.9	3.9	2.35	1.50	0.82	65.25
Sat 20	118	120	59.0	77	123	12.0	8.2	6.1	4.42	89.8 / 94.0	3.5	1.75	2.00	1.02	41.59
Sun 21	106		54.8	38	99	5.6		3.0		94.7	3.2	1.65	0.33	0.18	89.20
Mon 22	214		142.2	85	146	12.0		7.8		94.4	3.4	2.26	0.52	0.34	85.13
Tue 23	78		47.5	86	107	8.0		5.2		89.7	2.9	1.77	0.42	0.27	84.54
Wed 24	85		45.4	84	82	12.0		6.6		85.9	3.6	1.92	1.90	1.05	45.37
Thu 25	253		201.1	49	108	9.6		4.7		96.2	3.5	2.78	0.69	0.34	87.78
Fri 26	124		103.0	70	179	6.0		3.0		95.2	3.0	2.49	0.33	0.17	93.37
Sat 27	64	132	35.7	112	115	7.8	8.7	4.6	5.00	87.8 / 92.2	2.6	1.45	0.46	0.27	81.23
Sun 28	116		72.2	85	153	6.8		4.5		94.1	3.2	1.99	0.34	0.23	88.61
Mon 29	100		54.9	78	75	5.4		3.1		94.6	3.5	1.92	0.25	0.14	92.61
Tue 30	106		60.4	69	105	9.4		5.2		91.1	3.2	1.82	0.75	0.42	77.14
TOTALS			2162.3					123.5				63.47		16.55	
MAXIMA	253	132	201.1	112	179	12.0	8.7	7.8	5.00	96.2	4.6	3.14	3.10	1.76	93.37
MINIMA	62		35.7	34	53	3.8		2.1		85.9 / 92.2	2.0	1.38	0.25	0.14	41.59
AVERAGES	111		72.08	61	100	7.1		4.1		93.6	3.3	2.12	0.96	0.55	71.10
COUNT															

AVG. RAWLBS/CAP: *0.22*

September 2025	***DISINFECTION***										
	CHLORINE RESID. (mG/L)			*NaOCl*	*COLIFORMS - Colonies/100ml*						
DAY DATE	*HOURLY MIN*	*HOURLY MAX*	*DAILY AVG*	*gal/d*	*RAW DAILY G.M.*	*FE FECAL 6 AM*	*FE FECAL 10 AM*	*FE FECAL 2 PM*	*DAILY G.M.*	*WEEKLY G.M.*
Mon 1	0.07	0.90	0.41	2884		78	1700		364	
Tue 2	0.40	1.70	1.10	3296		18	18	18	18	
Wed 3	0.10	1.20	0.85	2765	24.00	18	78	18	29	
Thu 4	0.43	1.59	1.00	3505		20	45	330	67	
Fri 5	0.31	1.50	0.72	5145		68	220	210	146	
Sat 6	0.50	1.80	0.90	4287		68	20		37	69.30
Sun 7	0.28	1.40	0.91	3714		18			18	
Mon 8	0.37	1.36	0.87	5441		18	18	20	19	
Tue 9	0.47	1.31	0.97	3465		35	18	18	22	
Wed 10	0.60	1.25	1.05	2516		18	18	18	18	
Thu 11	0.60	1.46	1.07	2432		790	18	20	66	
Fri 12	0.64	1.46	1.08	2308		18	18	68	28	
Sat 13	0.57	1.40	0.99	2266		18	18		18	25.10
Sun 14	0.67	1.22	0.95	2836		18			18	
Mon 15	0.85	1.46	1.17	3337		18	20	18	19	
Tue 16	0.71	1.35	1.04	2072		18	18	68	28	
Wed 17	0.96	1.40	1.16	2196		18	18	20	19	
Thu 18	1.05	1.30	1.17	2252		18	18	18	18	
Fri 19	0.89	1.59	1.12	2337		20	18	18	19	
Sat 20	0.92	1.46	1.17	2446		18	18		18	19.72
Sun 21	1.00	1.33	1.15	2106		18			18	
Mon 22	1.00	1.30	1.17	2362		20	18	20	19	
Tue 23	0.80	1.46	1.24	2251		28	18	18	21	
Wed 24	0.95	1.57	1.17	4089		20	18	20	19	
Thu 25	0.80	1.35	1.11	4062		78	20	130	59	
Fri 26	0.30	1.33	0.87	4109		45	110	2300	225	
Sat 27	0.72	1.37	1.03	4065		18	40		27	36.63
Sun 28	0.77	1.50	1.18	3669		20			20	
Mon 29	0.69	1.35	1.04	2427		20	18	68	29	
Tue 30	0.80	1.40	1.08	2210		20	19	18	19	
TOTALS				92850						
MAXIMA		1.80	1.24	5441	24.00	790	1700	2300	364	69.30
MINIMA	0.07		0.41	2072	24.00	18	18	18	18	19.72
AVERAGES			1.02	3095	24.00 *G.M.*				31 *G.M.*	
COUNT						30	26	21		

G.M. Geometric Mean

(Raw values are in million colonies/100ml total coliforms.)
(Effluent Coliforms are in colonies/100ml.)

September 2025		***PRIMARY REMOVAL***														
		SLUDGE INVENTORY			*GRIT*				*PRIMARY SLUDGE*					*THICKENED RAW SLUDGE*				
DAY	*DATE*	*A*	*B*	*TOTAL 1000#*	*TS %*	*VM %*	*WET SOLIDS 1000#*	*DS 1000#*	*1000G*	*TS %*	*1000#*	*VM %*	*pH*	*FLOW 1000G*	*TS %*	*TS 1000#*	*VM %*	*VM 1000#*
Mon	1	455	0	455	84.2	7.1			844.6	0.20	14.09	64.6	6.5					
Tue	2	439	0	439	91.0	3.7			848.3	0.10	7.08	37.4	6.6					
Wed	3	410	0	410	86.6	6.1			414.5	0.80	27.65	71.4	6.4					
Thu	4	429	0	429	66.0	7.5			953.9	0.90	71.60	69.6	6.1					
Fri	5	443	0	443	76.2	15.3			1099.7	1.00	91.72	67.5	6.1					
Sat	6	461	0	461					1104.4	0.60	55.26	66.0	6.1					
Sun	7	474	0	474	73.0	24.6			1057.2	1.40	123.44	67.2	6.1					
Mon	8	463	0	463	85.7	16.4			957.3	1.60	127.74	66.9	6.0					
Tue	9	428	0	428	90.6	22.3			1041.4	1.10	95.54	64.6	6.2					
Wed	10	380	0	380	91.6	10.8			1061.4	0.80	70.82	63.5	6.3					
Thu	11	367	0	367	53.7	43.4			1070.2	0.60	53.55	61.9	6.5					
Fri	12	340	0	340	64.7	38.5			985.1	0.50	41.08	65.1	6.4					
Sat	13	323	0	323					1099.2	0.20	18.33	48.2	6.5					
Sun	14	300	0	300	60.5	27.6			1108.5	0.30	27.74	59.9	6.6					
Mon	15	308	0	308	77.9	45.9			1104.6	0.40	36.85	60.3	6.6					
Tue	16	295	0	295	90.0	43.4			1120.2	0.30	28.03	62.2	6.7					
Wed	17	311	0	311	69.8	18.4			1269.6	0.90	95.29	63.4	6.6					
Thu	18	308	0	308	59.7	26.0			1279.9	1.00	106.74	63.6	6.7					
Fri	19	332	0	332	67.1	20.7			1234.2	2.60	267.62	49.7	6.7					
Sat	20	330	0	330					1132.8	0.80	75.58	63.3	6.7					
Sun	21	346	0	346	60.3	27.0			911.8	0.50	38.02	62.9	6.7					
Mon	22	353	0	353	62.5	28.1			912.4	0.80	60.87	63.1	6.8					
Tue	23	406	0	406	77.8	8.9			848.7	0.70	49.55	62.1	6.8					
Wed	24	455	0	455	88.6	4.7			887.2	0.60	44.39	62.1	6.8					
Thu	25	525	0	525	68.3	26.0			975.6	0.20	16.27	50.1	6.8					
Fri	26	573	0	573	60.7	34.1			984.5	0.50	41.05	58.6	6.8					
Sat	27	597	0	597					992.8	0.40	33.12	54.5	6.7					
Sun	28	583	0	583	44.0	61.1			1049.1	0.60	52.50	64.3	6.7					
Mon	29	569	0	569	80.2	14.1			1066.3	0.50	44.46	60.1	6.9					
Tue	30	536	0	536	88.4	8.8			1341.4	0.80	89.50	61.7	6.9					
TOTALS		12538	0	12538					30756.7		1905.49							
MAXIMA		597	0	597	91.6	61.1			1341.4	2.6	267.62	71.4	6.9					
MINIMA		295	0	295	44.0	3.7			414.5	0.1	7.08	37.4	6.0					
AVERAGES		418	0	418	73.8	22.7			1025.2	0.7	63.52	61.2	6.5					
COUNT																		

CF/MG: 19.7 *GRIT:* 45480 LBS.

September 2025	***THICKENERS***															
	THICKENER FEED			*THICKENED SLUDGE*										*THICKENERS TOTAL*		*SUBN.*
							To Mix Tanks		*To Digesters*		*Total*					
DAY DATE	*FLOW 1000G*	*TSS mG/L*	*TSS 1000#*	*TS %*	*VM %*	*pH*	*FLOW 1000G*	*TS 1000#*	*FLOW 1000G*	*TS 1000#*	*FLOW 1000G*	*TS 1000#*	*VM 1000#*	*TS 1000#*	*VM 1000#*	*TSS mG/L*
Mon 1	2045	6336	108.0	5.5	70.9				246.0	112.8	246.0	112.8	80.0	112.8	80.0	2
Tue 2	1508	5834	73.4	5.4	72.4				149.5	67.3	149.5	67.3	48.7	67.3	48.7	12
Wed 3	1074	11504	103.1	5.1	71.8				149.5	63.6	149.5	63.6	45.7	63.6	45.7	11
Thu 4	2134	6898	122.8	5.3	76.3				235.2	104.0	235.2	104.0	79.3	104.0	79.3	17
Fri 5	2360	6618	130.2	5.9	70.5				360.3	177.3	360.3	177.3	125.0	177.3	125.0	2
Sat 6	2424	9244	186.9	5.6	70.8				321.1	150.0	321.1	150.0	106.2	150.0	106.2	6
Sun 7	2307	10240	197.0	5.7	73.0				276.1	131.3	276.1	131.3	95.8	131.3	95.8	5
Mon 8	2207	6230	114.7	5.4	72.5				261.6	117.8	261.6	117.8	85.4	117.8	85.4	23
Tue 9	2291	19964	381.5	5.4	74.6				287.9	129.6	287.9	129.6	96.7	129.6	96.7	12
Wed 10	2358	4912	96.6	5.0	75.7				287.9	120.0	287.9	120.0	90.9	120.0	90.9	64
Thu 11	2355	3286	64.5	5.2	76.3				264.2	114.6	264.2	114.6	87.4	114.6	87.4	12
Fri 12	2281	12414	236.2	5.2	78.4				247.4	107.3	247.4	107.3	84.1	107.3	84.1	8
Sat 13	2395	6332	126.5	5.5	77.4				276.8	127.0	276.8	127.0	98.3	127.0	98.3	12
Sun 14	2404	5012	100.5	4.6	79.3				276.8	106.2	276.8	106.2	84.2	106.2	84.2	6
Mon 15	2395	4834	96.5	4.9	78.7				243.3	99.4	243.3	99.4	78.3	99.4	78.3	8
Tue 16	2242	3428	64.1	4.9	81.0				255.8	104.5	255.8	104.5	84.7	104.5	84.7	2
Wed 17	2329	6076	118.0	6.2	71.2				282.7	146.2	282.7	146.2	104.1	146.2	104.1	2
Thu 18	2277	4898	93.0	6.3	68.3				282.7	148.5	282.7	148.5	101.4	148.5	101.4	1
Fri 19	2231	5878	109.4	4.9	82.0				279.4	114.2	279.4	114.2	93.6	114.2	93.6	4
Sat 20	2130	12968	230.3	4.5	80.9				200.6	75.3	200.6	75.3	60.9	75.3	60.9	2
Sun 21	1872	8604	134.3	4.7	79.8				215.5	84.5	215.5	84.5	67.4	84.5	67.4	10
Mon 22	1909	3966	63.1	5.6	74.8				215.5	100.7	215.5	100.7	75.3	100.7	75.3	84
Tue 23	1845	4680	72.0	5.6	74.0				196.7	91.9	196.7	91.9	68.0	91.9	68.0	74
Wed 24	1971	8370	137.6	5.0	74.6				188.1	78.4	188.1	78.4	58.5	78.4	58.5	39
Thu 25	2137	7298	130.1	5.8	73.5				221.9	107.4	221.9	107.4	78.9	107.4	78.9	76
Fri 26	2270	6700	126.8	6.2	65.6				325.0	168.1	325.0	168.1	110.3	168.1	110.3	27
Sat 27	2283	14114	268.7	6.2	69.0				303.0	156.7	303.0	156.7	108.1	156.7	108.1	29
Sun 28	2489	10014	207.9	5.1	74.2				323.4	137.6	323.4	137.6	102.1	137.6	102.1	16
Mon 29	2566	4744	101.5	4.9	74.6				323.4	132.2	323.4	132.2	98.6	132.2	98.6	18
Tue 30	2781	5318	123.4	5.2	74.3				329.9	143.1	329.9	143.1	106.3	143.1	106.3	2
TOTALS	65872		4118.8				0.1	0.0	7827	3517.3	7827	3517.3	2604.2	3517.3	2604.2	
MAXIMA	2781	19964	381.5	6.3	82.0			0.0	360.3	177.3	360.3	177.3	125.0	177.3	125.0	84
MINIMA	1074	3286	63.1	4.5	65.6			0.0	149.5	63.6	149.5	63.6	45.7	63.6	45.7	1
AVERAGES	2196	7557	137.3	5.4	74.5	0.0		0.0	260.9	117.2	260.9	117.2	86.8	117.2	86.8	20
COUNT																

Thickener Feed Flow is the Total of WAS (A & B Batteries), scum and raw sludge.

Terms: Subn. Thickener Subnatent

September 2025	DIGESTER CONTENTS																													
	#1							#2							#3							#4							
DAY DATE	TS %	VM %	pH	ALK mG/L	VA mG/L	VA/ ALK	SLDG TEMP	TS %	VM %	pH	ALK mG/L	VA mG/L	VA/ ALK	SLDG TEMP	TS %	VM %	pH	ALK mG/L	VA mG/L	VA/ ALK	SLDG TEMP	TS %	VM %	pH	ALK mG/L	VA mG/L	VA/ ALK	SLDG TEMP		
Mon 1							96							98							99							97		
Tue 2	3.7	53.7	7.5	5930	555	0.094	97	3.6	53.8	7.5	6140	600	0.098	99	3.6	55.0	7.5	6130	555	0.091	99							97		
Wed 3							98							99							100							97		
Thu 4							98							98							99	3.6	54.6	7.5	6360	555	0.087	97	
Fri 5							98							98							99							97		
Sat 6							98							98							98							97		
Sun 7							98							97							98							98		
Mon 8							98							97							98							99		
Tue 9	3.6	54.6	7.5	5760	555	0.096	99	3.6	54.1	7.5	5930	570	0.096	97	3.6	55.2	7.5	5780	600	0.104	97							99		
Wed 10							99							97							98							99		
Thu 11							99							97							98	3.7	56.3	7.5	5970	600	0.101	100	
Fri 12							99							97							99							100		
Sat 13							99							97							100							100		
Sun 14							99							98							101							100		
Mon 15							99							97							101							100		
Tue 16	3.5	55.6	7.6	6060	570	0.094	99	4.8	40.8	7.6	5820	630	0.108	97	3.5	57.6	7.5	5940	555	0.093	100							100		
Wed 17							98							97							100							99		
Thu 18							98							97							100	3.5	57.8	7.5	5770	675	0.117	99	
Fri 19							98							98							99							98		
Sat 20							99							100							99							98		
Sun 21							99							100							99							98		
Mon 22							99							100							99							98		
Tue 23	3.5	56.7	7.6	5920	585	0.099	99	3.4	57.2	7.6	5970	600	0.101	100	3.4	58.2	7.5	5890	600	0.102	108							98		
Wed 24							99							100							117							98		
Thu 25							99							100							98	3.4	58.9	7.5	6260	795	0.127	98	
Fri 26							98							100							98							97		
Sat 27							98							100							97							97		
Sun 28							97							99							97							98		
Mon 29							97							99							96							99		
Tue 30	3.4	57.3	7.6	5640	585	0.104	97	3.4	56.7	7.5	6020	585	0.097	99	3.4	58.2	7.5	5090	600	0.118	96							99		
TOTALS																														
MAXIMA	3.7	57.3	7.6	6060	585	0.104	99	4.8	57.2	7.6	6140	630	0.108	100	3.6	58.2	7.5	6130	600	0.118	117	3.7	58.9	7.5	6360	795	0.127	100		
MINIMA	3.4	53.7	7.5	5640	555	0.094	96	3.4	40.8	7.5	5820	570	0.096	97	3.4	55.0	7.5	5090	555	0.091	96	3.4	54.6	7.5	5770	555	0.087	97		
AVERAGES	3.5	55.6	7.6	5862	570	0.097	98	3.8	52.5	7.5	5976	597	0.100	98	3.5	56.8	7.5	5766	582	0.102	99	3.6	56.9	7.5	6090	656	0.108	98		
COUNT																														

TERMS: ALK Alkalinity (as Calcium Carbonate)
V.A. Volatile Acids

September 2025	***DIGESTER CONTENTS***															*DIGESTERS COMBINED OUTFLOW (DFO)*				
	#5							*#6*												
DAY DATE	*TS %*	*VM %*	*pH*	*ALK mG/L*	*VA mG/L*	*VA/ ALK*	*SLDG TEMP*	*TS %*	*VM %*	*pH*	*ALK mG/L*	*VA mG/L*	*VA/ ALK*	*SLDG TEMP*		*TS %*	*VM %*	*FLOW 1000G*	*TS 1000#*	*VM 1000#*
Mon 1							95									3.7	54.8	275.8	85.10	46.63
Tue 2							86									4.0	52.0	287.8	95.99	49.92
Wed 3							97									3.6	54.9	287.8	86.39	47.43
Thu 4	3.9	57.1	7.4	5810	615	0.106	95									3.5	54.7	242.9	70.91	38.79
Fri 5							98									3.9	47.3	222.2	72.28	34.19
Sat 6							97									3.6	54.4	302.4	90.80	49.40
Sun 7							87									3.6	55.0	302.4	90.80	49.94
Mon 8							82									3.6	54.8	302.4	90.80	49.76
Tue 9							92									3.8	54.6	302.4	95.85	52.33
Wed 10							94									3.6	56.5	302.4	90.80	51.30
Thu 11	3.8	59.8	7.3	5450	795	0.146	97									3.6	57.8	286.7	86.08	49.76
Fri 12							97									3.7	56.5	261.8	80.77	45.64
Sat 13							96									3.9	50.8	287.8	93.59	47.55
Sun 14							97									3.7	53.7	287.8	88.79	47.68
Mon 15							95									3.6	55.4	287.6	86.33	47.83
Tue 16							92									4.2	51.4	277.8	97.29	50.01
Wed 17							94									5.0	41.6	274.0	114.25	47.53
Thu 18	3.4	59.7	7.4	5970	705	0.118	94									3.6	54.8	287.8	86.39	47.34
Fri 19							95									3.3	57.4	287.8	79.19	45.46
Sat 20							92									3.8	53.0	287.8	91.19	48.33
Sun 21							97									3.4	58.3	287.8	81.59	47.57
Mon 22							97									3.5	56.5	287.8	83.99	47.46
Tue 23							96									3.5	56.7	287.8	83.99	47.62
Wed 24							97									3.3	59.0	287.8	79.19	46.73
Thu 25	3.2	60.4	7.5	6120	765	0.125	97									3.5	57.3	287.8	83.99	48.13
Fri 26							96									3.2	57.6	287.8	76.79	44.23
Sat 27							100									3.4	69.2	287.8	81.59	56.46
Sun 28							99									3.4	57.6	287.8	81.59	47.00
Mon 29							94									3.4	57.8	287.8	81.59	47.16
Tue 30							95									3.2	55.9	278.8	74.40	41.59
TOTALS																		8523.6	2582.39	1420.77
MAXIMA	3.9	60.4	7.5	6120	795	0.146	100									5.0	69.2	302.4	114.25	56.46
MINIMA	3.2	57.1	7.3	5450	615	0.106	82									3.2	41.6	222.2	70.91	34.19
AVERAGES	3.6	59.3	7.4	5838	720	0.124	95				0	0		0		3.6	55.2	284.1	86.08	47.36
COUNT																				

TERMS: *ALK* *Alkalinity (as Calcium Carbonate)*
VA *Volatile Acids*

September 2025	ACTIVATED SLUDGE PROCESS											SLUDGE FILTRATION								
	MIXED LIQUORS		RETURNED (RAS)				WASTED (WAS)					FFI						CFI		
DAY DATE	A Battery MLSS mG/L	A Battery SVI	B Battery MLSS mG/L	B Battery SVI	A Battery TSS mG/L	A Battery VM %	B Battery TSS mG/L	B Battery VM %	A Battery FLOW MGD	A Battery TSS 1000#	B Battery FLOW MGD	B Battery TSS 1000#	TOTAL TSS 1000#	TS %	VM %	pH	FLOW 1000G	TS 1000#	VM 1000#	FLOW 1000G	TS 1000#	VM 1000#
Mon 1	2137	104			7972	74.2			1.20	79.78	0.00		79.8	3.5	54.5	7.5				278	81.3	44.3
Tue 2	2217	125			8220	73.8			0.66	45.25	0.00		45.2	3.9	56.2	7.6				252	82.0	46.1
Wed 3	2320	168			8598	76.7			0.66	47.33	0.00		47.3	3.4	53.7	7.7				287	81.4	43.7
Thu 4	2395	168			8886	76.6			1.18	87.45	0.00		87.4	3.3	55.3	7.8				290	79.7	44.1
Fri 5	2649	134			9128	75.1			1.26	95.92	0.00		95.9	3.5	53.7	7.8				201	58.5	31.4
Sat 6	2315	132			9304	74.5			1.32	102.43	0.00		102.4	3.5	55.8	7.6				281	82.1	45.8
Sun 7	2540	121			8778	75.9			1.25	91.51	0.00		91.5	3.4	53.5	7.6				287	81.4	43.5
Mon 8	2325	104			7458	74.2			1.25	77.75	0.00		77.7	3.5	53.7	7.5				282	82.3	44.2
Tue 9	2200	120			8544	79.0			1.25	89.07	0.00		89.1	3.6	55.1	7.6				282	84.7	46.7
Wed 10	1777	126			7702	87.4			1.30	83.25	0.00		83.3	3.2	56.0	7.5				237	63.2	35.4
Thu 11	2305	98			6762	79.7			1.29	72.47	0.00		72.5	3.3	56.9	7.5				244	67.2	38.3
Fri 12	1823	133			6290	80.3			1.30	67.98	0.00		68.0	3.4	57.2	7.5				275	77.8	44.5
Sat 13	1820	139			6420	81.3			1.30	69.38	0.00		69.4	3.4	55.1	7.5				280	79.4	43.7
Sun 14	1513	144			6564	82.7			1.30	70.93	0.00		70.9	3.2	57.4	7.5				281	75.0	43.0
Mon 15	2086	121			6810	81.7			1.29	73.27	0.00		73.3	2.9	57.3	7.5				269	65.0	37.2
Tue 16	1814	150			6230	83.0			1.12	58.27	0.00		58.3	3.3	57.2	7.5				273	75.2	43.0
Wed 17	2300	153			6304	82.4			1.06	55.70	0.00		55.7	3.3	58.8	7.5				134	36.8	21.6
Thu 18	1691	169			7070	82.0			1.00	58.78	0.00		58.8	3.4	57.8	7.6				281	79.8	46.1
Fri 19	2250	211			6314	80.9			1.00	52.49	0.00		52.5	3.3	57.5	7.6				215	59.2	34.0
Sat 20	1918	236			6532	83.0			1.00	54.31	0.00		54.3	3.4	58.6	7.5				262	74.2	43.5
Sun 21	2079	109			7178	82.3			0.96	57.47	0.00		57.5	2.9	61.1	7.4				267	64.6	39.5
Mon 22	1837	151			6236	83.2			1.00	51.83	0.00		51.8	3.3	60.3	7.5				274	75.3	45.4
Tue 23	2503	184			6210	82.1			1.00	51.62	0.00		51.6	3.2	58.1	7.5				281	75.0	43.6
Wed 24	2711	119			6050	79.9			1.08	54.70	0.00		54.7	3.3	57.8	7.5				273	75.2	43.5
Thu 25	3241	259			6380	79.1			1.16	61.80	0.00		61.8	3.3	58.7	7.6				273	75.1	44.1
Fri 26	3056	263			6750	77.3			1.29	72.34	0.00		72.3	3.4	57.0	7.6				281	79.7	45.4
Sat 27	2198	254			7654	76.8			1.29	82.35	0.00		82.3	4.3	57.5	7.7				287	103.1	59.3
Sun 28	1972	228			7440	78.3			1.44	89.35	0.00		89.4	3.3	59.0	7.6				287	78.9	46.6
Mon 29	2666	219			7416	76.2			1.50	92.77	0.00		92.8	3.1	59.4	7.4				204	52.6	31.3
Tue 30	2601	200			7152	76.8			1.44	85.89	0.00		85.9	3.0	58.4	7.6				291	72.8	42.5
TOTALS									35.1	2133.4	0.0		2133								2218.4	1261.3
MAXIMA	3241	263			9304	87.4			1.50	102.4	0.00		102.4	4.3	61.1	7.8				291	103.1	59.3
MINIMA	1513	98			6050	73.8			0.66	45.25	0.00		45.2	2.9	53.5	7.4				134	36.8	21.6
AVERAGES	2242	161	0	0	7278	79.2	0	0.0	1.2	71.1	0.0		71.1	3.4	57.0	7.6				264	73.9	42.0
COUNT																						

TERMS:
MLSS Mixed Liquor Suspended Solids
SVI Sludge Volume Index
FFI Sludge Flow to Filter Presses

September 2025	SLUDGE CAKE SOLIDS													FFO	ASH	
DAY DATE	BELT #1 WET CAKE 1000#	TS %	TS 1000#	VM %	VM 1000#	BELT #2 WET CAKE 1000#	TS %	TS 1000#	VM %	VM 1000#	TOTALS WET CAKE 1000#	TS 1000#	VM 1000#	CEN-TRATE	TS %	VM %	TONS
Mon 1	202.3	23.9	48.4	52.8	25.5	0.3	22.5	0.06	54.4	0.03	202.6	48.4	25.56	0.1		0.1	11.4
Tue 2	176.4	25.1	44.3	54.4	24.1	0.1	23.1	0.02	54.9	0.01	176.5	44.3	24.10	0.1		0.1	10.1
Wed 3	194.1	22.7	44.1	52.0	22.9	0.1	22.8	0.01	51.1	0.01	194.2	44.1	22.92	0.1		0.1	10.6
Thu 4	187.8	22.8	42.8	55.2	23.6	0.0					187.8	42.8	23.64	0.1		0.2	9.6
Fri 5	142.3	23.8	33.9	54.5	18.5	0.1	22.9	0.01	54.3	0.01	142.3	33.9	18.46	0.2		0.3	7.7
Sat 6	209.3	22.3	46.7	53.7	25.1	0.1	22.1	0.03	55.9	0.01	209.4	46.7	25.08	0.1		0.1	10.8
Sun 7	215.6	23.1	49.8	53.6	26.7	0.1	22.4	0.02	53.5	0.01	215.7	49.8	26.71	0.1		0.2	11.6
Mon 8	224.8	22.0	49.5	88.5	43.8	0.1	22.5	0.02	54.8	0.01	224.9	49.5	43.78	0.1		0.2	2.8
Tue 9	201.5	21.4	43.1	55.8	24.1	0.1	22.3	0.02	53.6	0.01	201.6	43.1	24.07	0.1		0.2	9.5
Wed 10	171.6	22.7	38.9	54.3	21.1	0.0					171.6	39.0	21.15	0.1		0.3	8.9
Thu 11	189.6	21.9	41.5	56.4	23.4	0.1	23.5	0.01	56.7	0.01	189.7	41.5	23.43	0.2		0.4	9.1
Fri 12	218.5	23.1	50.5	55.8	28.2	0.1	21.0	0.02	58.6	0.01	218.6	50.5	28.18	0.2		0.4	11.2
Sat 13	213.6	22.0	47.0	55.6	26.1	0.1	21.5	0.02	56.9	0.01	213.7	47.0	26.14	0.1		0.2	10.4
Sun 14	216.6	21.4	46.3	58.5	27.1	0.2	21.5	0.04	56.9	0.03	216.8	46.4	27.14	0.1		0.3	9.6
Mon 15	203.9	20.8	42.4	60.3	25.6	0.1	24.4	0.04	58.2	0.02	204.1	42.5	25.60	0.1		0.2	8.4
Tue 16	207.1	26.0	53.8	59.5	32.0	0.2	21.4	0.03	60.1	0.02	207.3	53.9	32.06	0.2		0.2	10.9
Wed 17	61.3	20.3	12.4	57.5	7.2	30.4	21.4	6.50	56.4	3.67	91.7	18.9	10.82	0.5		2.1	4.1
Thu 18	0.0					173.6	21.1	36.63	55.3	20.26	173.6	36.6	20.26	0.6		0.3	8.2
Fri 19	0.0					155.1	18.9	29.31	57.5	16.86	155.1	29.3	16.86	0.6		0.4	6.2
Sat 20	0.0					251.2	19.2	48.22	58.6	28.26	251.2	48.2	28.26	0.2		0.2	10.0
Sun 21	0.0					249.9	21.0	52.48	60.8	31.91	249.9	52.5	31.91	0.2		0.2	10.3
Mon 22	0.0					267.0	20.9	55.79	58.8	32.81	267.0	55.8	32.81	0.2		0.2	11.5
Tue 23	0.0					264.9	20.8	55.11	57.4	31.63	264.9	55.1	31.63	0.1		0.3	11.7
Wed 24	0.0					247.3	19.6	48.47	58.5	28.35	247.3	48.5	28.35	0.2		0.5	10.1
Thu 25	0.0					258.4	20.4	52.71	58.3	30.73	258.4	52.7	30.73	0.2		0.3	11.0
Fri 26	0.0					268.5	21.9	58.81	57.4	33.75	268.5	58.8	33.75	0.2		0.4	12.5
Sat 27	0.0					286.6	20.9	59.90	58.9	35.28	286.6	59.9	35.28	0.1		0.2	12.3
Sun 28	0.0					291.8	21.7	63.33	57.9	36.67	291.8	63.3	36.67	0.1		0.2	13.3
Mon 29	0.0					199.0	20.5	40.80	60.9	24.84	199.0	40.8	24.84	0.1		0.2	8.0
Tue 30	0.0					286.0	19.9	56.91	55.9	31.81	286.0	56.9	31.81	0.1		0.2	12.5
TOTALS	3236.2		735.4		424.9	3231.5		665.35		387.04	6468	1401	812				294.4
MAXIMA	224.8	26.0	53.8	88.5	43.8	291.8	24.4	63.33	60.9	36.67	291.8	63.3	43.8	0.6		2.1	13.3
MINIMA	0.0	20.3	12.4	52.0	7.16	0.0	18.9	0.003	51.1	0.00	91.7	18.9	10.8	0.1		0.1	2.8
AVERAGES	107.9	22.7	43.3	57.6	25.0	107.7	21.5	22.94	56.9	13.35	215.6	46.7	27.1	0.2	0.0	0.3	9.8
COUNT																	

TERMS: *FFO Filter Press Filtrate*

BUFFALO SEWER AUTHORITY *September 2025*

MONTHLY FUEL COST ANALYSIS

September 2025

FUEL COST/MCF = 3.17

DAY	DATE	TOTAL WET TONS BURNED	SLUDGE ANALYSIS TS	SLUDGE ANALYSIS VM	M/V RATIO	NO. 1 INCINERATOR GAS USAGE	NO. 1 INCINERATOR WET TONS BURNED	NO. 1 INCINERATOR COST/ WET TON	NO. 2 INCINERATOR GAS USAGE	NO. 2 INCINERATOR WET TONS BURNED	NO. 2 INCINERATOR COST/ WET TON	NO. 3 INCINERATOR GAS USAGE	NO. 3 INCINERATOR WET TONS BURNED	NO. 3 INCINERATOR COST/ WET TON
Mon	1	101.29	23.20	53.60	6.18				235834	101.29	7.38	825		
Tue	2	48.20	24.10	54.65	5.76				240040	48.20	15.79	896		
Wed	3	45.50	22.75	51.55	6.59				298837	45.50	20.82	917		
Thu	4	45.50	22.75	54.90	6.19				275081	45.50	19.16	764		
Fri	5	46.70	23.35	54.40	6.03				253150	46.70	17.18	1706		
Sat	6	44.40	22.20	54.80	6.40				286117	44.40	20.43	639		
Sun	7	45.50	22.75	53.55	6.34				260593	45.50	18.16	541		
Mon	8	44.50	22.25	71.65	4.88				287671	44.50	20.49	527		
Tue	9	43.70	21.85	54.70	6.54				275495	43.70	19.98	614		
Wed	10	45.10	22.55	54.10	6.35				305462	45.10	21.47	3475		
Thu	11	45.40	22.70	56.55	6.02				254721	45.40	17.79	792		
Fri	12	44.10	22.05	57.20	6.18				320113	44.10	23.01	825		
Sat	13	43.50	21.75	56.25	6.40				292084	43.50	21.29	829		
Sun	14	42.90	21.45	57.70	6.35				278009	42.90	20.54	919		
Mon	15	45.20	22.60	59.25	5.78				245792	45.20	17.24	914		
Tue	16	47.40	23.70	59.80	5.38				318041	47.40	21.27	925		
Wed	17	41.70	20.85	56.95	6.67				258376	41.70	19.64	917		
Thu	18	21.10	21.10	55.30	6.76				319595	21.10	48.01	1318		
Fri	19	18.90	18.90	57.50	7.46				305540	18.90	51.25	2605		
Sat	20	19.20	19.20	58.60	7.18				376033	19.20	62.08	4674		
Sun	21	21.00	21.00	60.80	6.19				282799	21.00	42.69	1732		
Mon	22	20.90	20.90	58.80	6.44				302656	20.90	45.91	5317		
Tue	23	20.80	20.80	57.40	6.63				405100	20.80	61.74	16361		
Wed	24	19.60	19.60	58.50	7.01				388890	19.60	62.90	13168		
Thu	25	20.40	20.40	58.30	6.69				327690	20.40	50.92	5825		
Fri	26	21.90	21.90	57.40	6.21				250949	21.90	36.32	1105		
Sat	27	20.90	20.90	58.90	6.43				268148	20.90	40.67	952		
Sun	28	21.70	21.70	57.90	6.23				295583	21.70	43.18	985		
Mon	29	20.50	20.50	60.90	6.37				286674	20.50	44.33	4814		
Tue	30	19.90	19.90	55.90	7.20				16469	19.90	2.62	214		
TOTALS		1087.39				0	0.00		8511541	1087.39		76095	0.00	
MONTHLY AVERAGES		36.25	21.65	57.26	6.36	0	0.00		283718	36.25	30.48	2536	0.00	

TOTAL DIGESTER GAS BURNED: 11764898
TOTAL DIGESTER GAS WASTED: 1735032

BUFFALO SEWER AUTHORITY *September 2025*

DRY SOLIDS TO INCINERATOR

September 2025		BELT 1				BELT 2				OUTSIDE CAKE					TOTALS		
DAY	DATE	% SOLIDS B-1	VOL MATTER B-1	M/V RATIO B-1	T.DRY TONS B-1	% SOLIDS B-2	VOL MATTER B-2	M/V RATIO B-2	T.DRY TONS B-2	1000#	TS %	TS 1000#	VM %	VM 1000#	1000#	TS 1000#	VM 1000#
Mon	1	23.9	52.8	6.03	24.2	22.5	54.4	6.33	0.03						202.6	48.4	25.56
Tue	2	25.1	54.4	5.49	22.1	23.1	54.9	6.06	0.01						176.5	44.3	24.10
Wed	3	22.7	52.0	6.55	22.0	22.8	51.1	6.63	0.01						194.2	44.1	22.92
Thu	4	22.8	55.2	6.13	21.4										187.8	42.8	23.64
Fri	5	23.8	54.5	5.87	16.9	22.9	54.3	6.20	0.01						142.3	33.9	18.46
Sat	6	22.3	53.7	6.49	23.3	22.1	55.9	6.31	0.01						209.4	46.7	25.08
Sun	7	23.1	53.6	6.21	24.9	22.4	53.5	6.48	0.01						215.7	49.8	26.71
Mon	8	22.0	88.5	4.01	24.7	22.5	54.8	6.29	0.01						224.9	49.5	43.78
Tue	9	21.4	55.8	6.58	21.6	22.3	53.6	6.50	0.01						201.6	43.1	24.07
Wed	10	22.7	54.3	6.27	19.5										171.6	39.0	21.15
Thu	11	21.9	56.4	6.32	20.8	23.5	56.7	5.74	0.01						189.7	41.5	23.43
Fri	12	23.1	55.8	5.97	25.2	21.0	58.6	6.42	0.01						218.6	50.5	28.18
Sat	13	22.0	55.6	6.38	23.5	21.5	56.9	6.42	0.01						213.7	47.0	26.14
Sun	14	21.4	58.5	6.28	23.2	21.5	56.9	6.42	0.02						216.8	46.4	27.14
Mon	15	20.8	60.3	6.31	21.2	24.4	58.2	5.32	0.02						204.1	42.5	25.60
Tue	16	26.0	59.5	4.78	26.9	21.4	60.1	6.11	0.02						207.3	53.9	32.06
Wed	17	20.3	57.5	6.83	6.2	21.4	56.4	6.51	3.25						91.7	18.9	10.82
Thu	18					21.1	55.3	6.76	18.32						173.6	36.6	20.26
Fri	19					18.9	57.5	7.46	14.66						155.1	29.3	16.86
Sat	20					19.2	58.6	7.18	24.11						251.2	48.2	28.26
Sun	21					21.0	60.8	6.19	26.24						249.9	52.5	31.91
Mon	22					20.9	58.8	6.44	27.90						267.0	55.8	32.81
Tue	23					20.8	57.4	6.63	27.55						264.9	55.1	31.63
Wed	24					19.6	58.5	7.01	24.23						247.3	48.5	28.35
Thu	25					20.4	58.3	6.69	26.35						258.4	52.7	30.73
Fri	26					21.9	57.4	6.21	29.40						268.5	58.8	33.75
Sat	27					20.9	58.9	6.43	29.95						286.6	59.9	35.28
Sun	28					21.7	57.9	6.23	31.66						291.8	63.3	36.67
Mon	29					20.5	60.9	6.37	20.40						199.0	40.8	24.84
Tue	30					19.9	55.9	7.20	28.45						286.0	56.9	31.81
TOTAL					367.7				332.7						6468	1401	812
AVERAGE		22.7	57.6	6.03	21.6	21.5	56.9	6.45	11.5						215.6	46.7	27.1

BUFFALO SEWER AUTHORITY
CSO INSPECTION REPORTS

FROM: 9/1/2025 **TO:** 9/30/2025

Signature: John Kozrush BSA **Date:** 10/10/2025

OBJECTID	Sewer Patr	Date Inspect	Inspector	Inspecte	Connection Open	Weather	Dry Weather Overflo
30769	SPP133	9/2/2025	J. Kerruish AM		Yes	Sunny	No
30775	SPP131	9/2/2025	J. Kerruish AM		Yes	Sunny	No
30776	SPP283	9/2/2025	J. Kerruish AM		Yes	Sunny	No
30779	SPP294	9/2/2025	J. Kerruish AM		Yes	Sunny	No
30788	SPP106	9/2/2025	J. Kerruish AM		Yes	Sunny	No
30791	SPP212	9/2/2025	J. Kerruish AM		Yes	Sunny	No
30794	SPP329	9/2/2025	J. Kerruish AM		Yes	Sunny	No
30796	SPP129	9/2/2025	J. Kerruish AM		Yes	Sunny	No
30798	SPP279	9/2/2025	J. Kerruish AM		Yes	Sunny	No
30802	SPP293	9/2/2025	J. Kerruish AM		Yes	Sunny	No
30806	SPP209	9/2/2025	J. Kerruish AM		Yes	Sunny	No
30810	SPP135A	9/2/2025	J. Kerruish AM		Yes	Sunny	No
30812	SPP211	9/2/2025	J. Kerruish AM		Yes	Sunny	No
30815	SPP137	9/2/2025	J. Kerruish AM		Yes	Sunny	No
30819	SPP136A	9/2/2025	J. Kerruish AM		Yes	Sunny	No
30821	SPP132	9/2/2025	J. Kerruish AM		Yes	Sunny	No
30823	SPP295	9/2/2025	J. Kerruish AM		Yes	Sunny	No
30830	SPP322	9/2/2025	J. Kerruish AM		Yes	Sunny	No
30832	SPP307	9/2/2025	J. Kerruish AM		Yes	Sunny	No
30840	SPP292	9/2/2025	J. Kerruish AM		Yes	Sunny	No
30835	SPP291	9/2/2025	J. Kerruish AM		Yes	Sunny	No
30838	SPP105	9/2/2025	J. Kerruish AM		Yes	Sunny	No
30818	SPP010	9/3/2025	J. Kerruish AM		Yes	Sunny	No
30837	SPP184	9/3/2025	J. Kerruish AM		Yes	Sunny	No
30841	SPP004	9/3/2025	J. Kerruish AM		Yes	Sunny	No
30833	SPP189	9/3/2025	J. Kerruish AM		Yes	Sunny	No
30826	SPP190	9/3/2025	J. Kerruish AM		Yes	Sunny	No
30824	SPP013	9/3/2025	J. Kerruish AM		Yes	Sunny	No
30822	SPP007	9/3/2025	J. Kerruish AM		Yes	Sunny	No
30820	SPP193	9/3/2025	J. Kerruish AM		Yes	Sunny	No
30813	SPP001	9/3/2025	J. Kerruish AM		Yes	Sunny	No
30814	SPP213	9/3/2025	J. Kerruish AM		Yes	Sunny	No
30807	SPP191	9/3/2025	J. Kerruish AM		Yes	Sunny	No
30790	SPP195	9/3/2025	J. Kerruish AM		Yes	Sunny	No
30809	SPP008	9/3/2025	J. Kerruish AM		Yes	Sunny	No
30804	SPP188	9/3/2025	J. Kerruish AM		Yes	Sunny	No
30799	SPP280	9/3/2025	J. Kerruish AM		Yes	Sunny	No
30780	SPP003	9/3/2025	J. Kerruish AM		Yes	Sunny	No
30768	SPP214	9/3/2025	J. Kerruish AM		Yes	Sunny	No
30778	SPP005	9/3/2025	J. Kerruish AM		Yes	Sunny	No
30782	SPP187	9/3/2025	J. Kerruish AM		Yes	Sunny	No
30783	SPP186	9/3/2025	J. Kerruish AM		Yes	Sunny	No
30784	SPP185	9/3/2025	J. Kerruish AM		Yes	Sunny	No

30785	SPP215	9/3/2025	J. Kerruish AM	Yes	Sunny	No
30786	SPP009	9/3/2025	J. Kerruish AM	Yes	Sunny	No
30773	SPP011	9/3/2025	J. Kerruish AM	Yes	Sunny	No
30774	SPP014A	9/4/2025	J. Kerruish AM	Yes	Rain	No
30777	SPP296	9/4/2025	J. Kerruish AM	Yes	Rain	No
30770	SPP021	9/4/2025	J. Kerruish AM	Yes	Rain	No
30771	SPP231	9/4/2025	J. Kerruish AM	Yes	Rain	No
30772	SPP182	9/4/2025	J. Kerruish AM	Yes	Rain	No
30787	SPP183	9/4/2025	J. Kerruish AM	Yes	Rain	No
30781	SPP238	9/4/2025	J. Kerruish AM	Yes	Rain	No
30800	SPP237	9/4/2025	J. Kerruish AM	Yes	Rain	No
30801	SPP235	9/4/2025	J. Kerruish AM	Yes	Rain	No
30805	SPP022	9/4/2025	J. Kerruish AM	Yes	Rain	No
30803	SPP239	9/4/2025	J. Kerruish AM	Yes	Rain	No
30797	SPP019	9/4/2025	J. Kerruish AM	Yes	Rain	No
30795	SPP241	9/4/2025	J. Kerruish AM	Yes	Rain	No
30792	SPP233	9/4/2025	J. Kerruish AM	Yes	Rain	No
30793	SPP232	9/4/2025	J. Kerruish AM	Yes	Rain	No
30789	SPP244	9/4/2025	J. Kerruish AM	Yes	Rain	No
30808	SPP015	9/4/2025	J. Kerruish AM	Yes	Rain	No
30811	SPP330	9/4/2025	J. Kerruish AM	Yes	Rain	No
30816	SPP236	9/4/2025	J. Kerruish AM	Yes	Rain	No
30817	SPP181	9/4/2025	J. Kerruish AM	Yes	Rain	No
30825	SPP014B	9/4/2025	J. Kerruish AM	Yes	Rain	No
30827	SPP245	9/4/2025	J. Kerruish AM	Yes	Rain	No
30828	SPP234	9/4/2025	J. Kerruish AM	Yes	Rain	No
30829	SPP240	9/4/2025	J. Kerruish AM	Yes	Rain	No
30834	SPP020	9/4/2025	J. Kerruish AM	Yes	Rain	No
30831	SPP230	9/4/2025	J. Kerruish AM	Yes	Rain	No
30842	SPP023	9/4/2025	J. Kerruish AM	Yes	Rain	No
30836	SPP017	9/4/2025	J. Kerruish AM	Yes	Rain	No
30839	SPP243	9/4/2025	J. Kerruish AM	Yes	Rain	No
30851	SPP247	9/5/2025	J. Kerruish AM	Yes	Sunny	No
30853	SPP180	9/5/2025	J. Kerruish AM	Yes	Sunny	No
30854	SPP177	9/5/2025	J. Kerruish AM	Yes	Sunny	No
30860	SPP229	9/5/2025	J. Kerruish AM	Yes	Sunny	No
30864	SPP229A	9/5/2025	J. Kerruish AM	Yes	Sunny	No
30865	SPP333	9/5/2025	J. Kerruish AM	Yes	Sunny	No
30868	SPP334B	9/5/2025	J. Kerruish AM	Yes	Sunny	No
30869	SPP179	9/5/2025	J. Kerruish AM	Yes	Sunny	No
30870	SPP335B	9/5/2025	J. Kerruish AM	Yes	Sunny	No
30871	SPP166	9/5/2025	J. Kerruish AM	Yes	Sunny	No
30858	SPP331	9/5/2025	J. Kerruish AM	Yes	Sunny	No
30873	SPP345	9/5/2025	J. Kerruish AM	Yes	Sunny	No

30874	SPP178	9/5/2025	J. Kerruish AM	Yes	Sunny	No
30878	SPP176	9/5/2025	J. Kerruish AM	Yes	Sunny	No
30879	SPP175	9/5/2025	J. Kerruish AM	Yes	Sunny	No
30880	SPP332	9/5/2025	J. Kerruish AM	Yes	Sunny	No
30876	SPP335A	9/5/2025	J. Kerruish AM	Yes	Sunny	No
30883	SPP170A	9/5/2025	J. Kerruish AM	Yes	Sunny	No
30885	SPP170B	9/5/2025	J. Kerruish AM	Yes	Sunny	No
30843	SPP334A	9/5/2025	J. Kerruish AM	Yes	Sunny	No
30844	SPP204	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30845	SPP201	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30846	SPP341A	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30847	SPP156B	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30848	SPP342B	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30849	SPP336B	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30850	SPP200B	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30886	SPP342A	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30884	SPP336A	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30877	SPP156	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30881	SPP157	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30882	SPP339	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30875	SPP165A	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30859	SPP165B	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30872	SPP200A	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30866	SPP165	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30867	SPP164	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30861	SPP203	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30862	SPP337	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30863	SPP163A	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30855	SPP202	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30856	SPP156A	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30857	SPP338	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30852	SPP340	9/8/2025	J. Kerruish AM	Yes	Sunny	No
30887	SPP045A	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30893	SPP058	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30894	SPP050	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30901	SPP056	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30905	SPP067	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30906	SPP327	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30907	SPP051	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30908	SPP130	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30911	SPP047	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30912	SPP052	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30913	SPP128	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30914	SPP051A	9/9/2025	J. Kerruish AM	Yes	Sunny	No

30915	SPP048	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30935	SPP042A	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30936	SPP036A	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30920	SPP035	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30921	SPP206A	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30924	SPP036	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30925	SPP206B	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30926	SPP304	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30927	SPP059	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30928	SPP053	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30930	SPP055	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30931	SPP054	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30932	SPP146	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30891	SPP065	9/9/2025	J. Kerruish AM	Yes	Sunny	No
30892	SPP091	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30933	SPP070	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30934	SPP375	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30929	SPP069	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30922	SPP080	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30923	SPP072	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30916	SPP087	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30917	SPP068	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30918	SPP081	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30919	SPP092	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30909	SPP075	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30910	SPP089	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30902	SPP085	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30903	SPP082	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30904	SPP073	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30895	SPP090	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30896	SPP078	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30897	SPP088	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30898	SPP094	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30899	SPP074	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30900	SPP079	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30888	SPP086	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30889	SPP084	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30890	SPP077	9/10/2025	J. Kerruish AM	Yes	Sunny	No
30937	SPP320	9/11/2025	J. Kerruish AM	Yes	Sunny	No
30938	SPP217	9/11/2025	J. Kerruish AM	Yes	Sunny	No
30939	SPP198A	9/11/2025	J. Kerruish AM	Yes	Sunny	No
30940	SPP152	9/11/2025	J. Kerruish AM	Yes	Sunny	No
30941	SPP150	9/11/2025	J. Kerruish AM	Yes	Sunny	No
30942	SPP149	9/11/2025	J. Kerruish AM	Yes	Sunny	No

30943	SPP319	9/11/2025	J. Kerruish AM	Yes	Sunny	No
30944	SPP315	9/11/2025	J. Kerruish AM	Yes	Sunny	No
30945	SPP199A	9/11/2025	J. Kerruish AM	Yes	Sunny	No
30946	SPP277	9/11/2025	J. Kerruish AM	Yes	Sunny	No
30947	SPP314	9/11/2025	J. Kerruish AM	Yes	Sunny	No
30948	SPP317	9/11/2025	J. Kerruish AM	Yes	Sunny	No
30949	SPP151	9/11/2025	J. Kerruish AM	Yes	Sunny	No
30950	SPP218	9/11/2025	J. Kerruish AM	Yes	Sunny	No
30951	SPP316	9/11/2025	J. Kerruish AM	Yes	Sunny	No
30952	SPP199C	9/11/2025	J. Kerruish AM	Yes	Sunny	No
30953	SPP318	9/11/2025	J. Kerruish AM	Yes	Sunny	No
30954	SPP199B	9/11/2025	J. Kerruish AM	Yes	Sunny	No
30955	SPP148	9/11/2025	J. Kerruish AM	Yes	Sunny	No
30956	SPP249	9/11/2025	J. Kerruish AM	Yes	Sunny	No
30957	SPP248	9/11/2025	J. Kerruish AM	Yes	Sunny	No
30958	SPP208	9/12/2025	J. Kerruish AM	Yes	Partly Clc	No
30964	SPP138	9/12/2025	J. Kerruish AM	Yes	Partly Clc	No
30968	SPP104	9/12/2025	J. Kerruish AM	Yes	Partly Clc	No
30970	SPP125A	9/12/2025	J. Kerruish AM	Yes	Partly Clc	No
30971	SPP115	9/12/2025	J. Kerruish AM	Yes	Partly Clc	No
30972	SPP119	9/12/2025	J. Kerruish AM	Yes	Partly Clc	No
30976	SPP120	9/12/2025	J. Kerruish AM	Yes	Partly Clc	No
30977	SPP103	9/12/2025	J. Kerruish AM	Yes	Partly Clc	No
30978	SPP099	9/12/2025	J. Kerruish AM	Yes	Partly Clc	No
30980	SPP118	9/12/2025	J. Kerruish AM	Yes	Partly Clc	No
30983	SPP101	9/12/2025	J. Kerruish AM	Yes	Partly Clc	No
30984	SPP145	9/12/2025	J. Kerruish AM	Yes	Partly Clc	No
30988	SPP125	9/12/2025	J. Kerruish AM	Yes	Partly Clc	No
30989	SPP281	9/12/2025	J. Kerruish AM	Yes	Partly Clc	No
30990	SPP282	9/12/2025	J. Kerruish AM	Yes	Partly Clc	No
30991	SPP097	9/12/2025	J. Kerruish AM	Yes	Partly Clc	No
30986	SPP100	9/12/2025	J. Kerruish AM	Yes	Partly Clc	No
30994	SPP326	9/12/2025	J. Kerruish AM	Yes	Partly Clc	No
30997	SPP126	9/12/2025	J. Kerruish AM	Yes	Partly Clc	No
30998	SPP124	9/12/2025	J. Kerruish AM	Yes	Partly Clc	No
30995	SPP221	9/16/2025	J. Kerruish AM	Yes	Sunny	No
30996	SPP222	9/16/2025	J. Kerruish AM	Yes	Sunny	No
30987	SPP113	9/16/2025	J. Kerruish AM	Yes	Sunny	No
30992	SPP309	9/16/2025	J. Kerruish AM	Yes	Sunny	No
30993	SPP311	9/16/2025	J. Kerruish AM	Yes	Sunny	No
30985	SPP227	9/16/2025	J. Kerruish AM	Yes	Sunny	No
30981	SPP308A	9/16/2025	J. Kerruish AM	Yes	Sunny	No
30982	SPP310	9/16/2025	J. Kerruish AM	Yes	Sunny	No
30979	SPP226	9/16/2025	J. Kerruish AM	Yes	Sunny	No

30973	SPP107	9/16/2025	J. Kerruish AM	Yes	Sunny	No
30974	SPP225	9/16/2025	J. Kerruish AM	Yes	Sunny	No
30975	SPP308B	9/16/2025	J. Kerruish AM	Yes	Sunny	No
30969	SPP114	9/16/2025	J. Kerruish AM	Yes	Sunny	No
30965	SPP224	9/16/2025	J. Kerruish AM	Yes	Sunny	No
30966	SPP220	9/16/2025	J. Kerruish AM	Yes	Sunny	No
30967	SPP227A	9/16/2025	J. Kerruish AM	Yes	Sunny	No
30959	SPP223	9/16/2025	J. Kerruish AM	Yes	Sunny	No
30960	SPP308	9/16/2025	J. Kerruish AM	Yes	Sunny	No
30961	SPP121	9/16/2025	J. Kerruish AM	Yes	Sunny	No
30962	SPP122	9/16/2025	J. Kerruish AM	Yes	Sunny	No
30963	SPP107A	9/16/2025	J. Kerruish AM	Yes	Sunny	No
31000	SPP133	9/17/2025	J. Kerruish AM	Yes	Partly Clc	No
31005	SPP294	9/17/2025	J. Kerruish AM	Yes	Partly Clc	No
31014	SPP212	9/17/2025	J. Kerruish AM	Yes	Partly Clc	No
31015	SPP329	9/17/2025	J. Kerruish AM	Yes	Partly Clc	No
31002	SPP131	9/17/2025	J. Kerruish AM	Yes	Partly Clc	No
31003	SPP283	9/17/2025	J. Kerruish AM	Yes	Partly Clc	No
31012	SPP106	9/17/2025	J. Kerruish AM	Yes	Partly Clc	No
31013	SPP195	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
31004	SPP005	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
31016	SPP280	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
31017	SPP188	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
31018	SPP191	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
31019	SPP008	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
31020	SPP001	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
31021	SPP213	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
31022	SPP010	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
31023	SPP193	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
31024	SPP007	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
31025	SPP013	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
31026	SPP190	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
31027	SPP189	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
31028	SPP184	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
31029	SPP004	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
31006	SPP003	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
31007	SPP187	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
31008	SPP186	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
31009	SPP185	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
31010	SPP215	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
31011	SPP009	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
31001	SPP011	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
30999	SPP214	9/19/2025	J. Kerruish AM	Yes	Partly Clc	No
31040	SPP183	9/22/2025	J. Kerruish AM	Yes	Cloudy	No

31031	SPP021	9/22/2025	J. Kerruish AM	Yes	Cloudy	No
31032	SPP231	9/22/2025	J. Kerruish AM	Yes	Cloudy	No
31033	SPP182	9/22/2025	J. Kerruish AM	Yes	Cloudy	No
31034	SPP014A	9/22/2025	J. Kerruish AM	Yes	Cloudy	No
31035	SPP296	9/22/2025	J. Kerruish AM	Yes	Cloudy	No
31036	SPP238	9/22/2025	J. Kerruish AM	Yes	Cloudy	No
31037	SPP247	9/23/2025	J. Kerruish AM	Yes	Cloudy	No
31038	SPP180	9/23/2025	J. Kerruish AM	Yes	Cloudy	No
31039	SPP177	9/23/2025	J. Kerruish AM	Yes	Cloudy	No
31041	SPP331	9/23/2025	J. Kerruish AM	Yes	Cloudy	No
31042	SPP229	9/23/2025	J. Kerruish AM	Yes	Cloudy	No
31043	SPP229A	9/23/2025	J. Kerruish AM	Yes	Cloudy	No
31044	SPP333	9/23/2025	J. Kerruish AM	Yes	Cloudy	No
31045	SPP334B	9/23/2025	J. Kerruish AM	Yes	Cloudy	No
31046	SPP179	9/23/2025	J. Kerruish AM	Yes	Cloudy	No
31047	SPP335B	9/23/2025	J. Kerruish AM	Yes	Cloudy	No
31048	SPP166	9/23/2025	J. Kerruish AM	Yes	Cloudy	No
31049	SPP345	9/23/2025	J. Kerruish AM	Yes	Cloudy	No
31050	SPP178	9/23/2025	J. Kerruish AM	Yes	Cloudy	No
31051	SPP335A	9/23/2025	J. Kerruish AM	Yes	Cloudy	No
31052	SPP176	9/23/2025	J. Kerruish AM	Yes	Cloudy	No
31053	SPP175	9/23/2025	J. Kerruish AM	Yes	Cloudy	No
31054	SPP332	9/23/2025	J. Kerruish AM	Yes	Cloudy	No
31055	SPP170A	9/23/2025	J. Kerruish AM	Yes	Cloudy	No
31056	SPP170B	9/23/2025	J. Kerruish AM	Yes	Cloudy	No
31030	SPP334A	9/23/2025	J. Kerruish AM	Yes	Cloudy	No
31058	SPP204	9/25/2025	J. Kerruish AM	Yes	Cloudy	No
31059	SPP201	9/25/2025	J. Kerruish AM	Yes	Cloudy	No
31063	SPP341A	9/25/2025	J. Kerruish AM	Yes	Cloudy	No
31064	SPP156B	9/25/2025	J. Kerruish AM	Yes	Cloudy	No
31065	SPP342B	9/25/2025	J. Kerruish AM	Yes	Cloudy	No
31066	SPP336B	9/25/2025	J. Kerruish AM	Yes	Cloudy	No
31067	SPP200B	9/25/2025	J. Kerruish AM	Yes	Cloudy	No
31069	SPP340	9/25/2025	J. Kerruish AM	Yes	Cloudy	No
31070	SPP202	9/25/2025	J. Kerruish AM	Yes	Cloudy	No
31073	SPP156A	9/25/2025	J. Kerruish AM	Yes	Cloudy	No
31074	SPP338	9/25/2025	J. Kerruish AM	Yes	Cloudy	No
31075	SPP165B	9/25/2025	J. Kerruish AM	Yes	Cloudy	No
31077	SPP203	9/25/2025	J. Kerruish AM	Yes	Cloudy	No
31079	SPP337	9/25/2025	J. Kerruish AM	Yes	Cloudy	No
31081	SPP163A	9/25/2025	J. Kerruish AM	Yes	Cloudy	No
31088	SPP200A	9/25/2025	J. Kerruish AM	Yes	Cloudy	No
31089	SPP165A	9/25/2025	J. Kerruish AM	Yes	Cloudy	No
31092	SPP156	9/25/2025	J. Kerruish AM	Yes	Cloudy	No

31085	SPP165	9/25/2025	J. Kerruish AM	Yes	Cloudy	No
31086	SPP164	9/25/2025	J. Kerruish AM	Yes	Cloudy	No
31096	SPP157	9/25/2025	J. Kerruish AM	Yes	Cloudy	No
31099	SPP339	9/25/2025	J. Kerruish AM	Yes	Cloudy	No
31101	SPP336A	9/25/2025	J. Kerruish AM	Yes	Cloudy	No
31104	SPP342A	9/25/2025	J. Kerruish AM	Yes	Cloudy	No
31105	SPP042A	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31106	SPP036A	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31102	SPP054	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31103	SPP146	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31100	SPP055	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31097	SPP059	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31098	SPP053	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31087	SPP048	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31093	SPP036	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31094	SPP206B	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31095	SPP304	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31090	SPP035	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31091	SPP206A	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31082	SPP052	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31083	SPP128	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31084	SPP051A	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31080	SPP047	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31078	SPP130	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31076	SPP051	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31071	SPP067	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31072	SPP327	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31068	SPP056	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31060	SPP065	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31061	SPP058	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31062	SPP050	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31057	SPP045A	9/26/2025	J. Kerruish AM	Yes	Partly Clc	No
31108	SPP086	9/29/2025	J. Kerruish AM	Yes	Sunny	No
31109	SPP084	9/29/2025	J. Kerruish AM	Yes	Sunny	No
31110	SPP077	9/29/2025	J. Kerruish AM	Yes	Sunny	No
31111	SPP091	9/29/2025	J. Kerruish AM	Yes	Sunny	No
31117	SPP078	9/29/2025	J. Kerruish AM	Yes	Sunny	No
31118	SPP088	9/29/2025	J. Kerruish AM	Yes	Sunny	No
31115	SPP090	9/29/2025	J. Kerruish AM	Yes	Sunny	No
31121	SPP094	9/29/2025	J. Kerruish AM	Yes	Sunny	No
31122	SPP074	9/29/2025	J. Kerruish AM	Yes	Sunny	No
31124	SPP079	9/29/2025	J. Kerruish AM	Yes	Sunny	No
31125	SPP085	9/29/2025	J. Kerruish AM	Yes	Sunny	No
31129	SPP082	9/29/2025	J. Kerruish AM	Yes	Sunny	No

31130	SPP073	9/29/2025	J. Kerruish AM	Yes	Sunny	No
31131	SPP075	9/29/2025	J. Kerruish AM	Yes	Sunny	No
31132	SPP089	9/29/2025	J. Kerruish AM	Yes	Sunny	No
31133	SPP317	9/30/2025	J. Kerruish AM	Yes	Sunny	No
31134	SPP151	9/30/2025	J. Kerruish AM	Yes	Sunny	No
31135	SPP218	9/30/2025	J. Kerruish AM	Yes	Sunny	No
31136	SPP316	9/30/2025	J. Kerruish AM	Yes	Sunny	No
31137	SPP199C	9/30/2025	J. Kerruish AM	Yes	Sunny	No
31138	SPP318	9/30/2025	J. Kerruish AM	Yes	Sunny	No
31139	SPP199B	9/30/2025	J. Kerruish AM	Yes	Sunny	No
31140	SPP148	9/30/2025	J. Kerruish AM	Yes	Sunny	No
31126	SPP199A	9/30/2025	J. Kerruish AM	Yes	Sunny	No
31127	SPP277	9/30/2025	J. Kerruish AM	Yes	Sunny	No
31128	SPP314	9/30/2025	J. Kerruish AM	Yes	Sunny	No
31123	SPP315	9/30/2025	J. Kerruish AM	Yes	Sunny	No
31116	SPP150	9/30/2025	J. Kerruish AM	Yes	Sunny	No
31119	SPP149	9/30/2025	J. Kerruish AM	Yes	Sunny	No
31120	SPP319	9/30/2025	J. Kerruish AM	Yes	Sunny	No
31112	SPP217	9/30/2025	J. Kerruish AM	Yes	Sunny	No
31113	SPP198A	9/30/2025	J. Kerruish AM	Yes	Sunny	No
31114	SPP152	9/30/2025	J. Kerruish AM	Yes	Sunny	No
31107	SPP320	9/30/2025	J. Kerruish AM	Yes	Sunny	No

BUFFALO SEWER AUTHORITY
LABORATORY
90 WEST FERRY STREET • BUFFALO, NEW YORK 14213 • (716) 851-4664

TO: Alexander Emmerson, Treatment Plant Superintendent **DATE: 10/06/2025**
RE: Priority Pollutant Summary Sheet

The Priority Pollutant and Monitoring Summary for September 2025 is attached. There were no exceedances.

Stephen J. Tuhovak
Laboratory Director

cc: E. Scheeler, I.W. (e-copy)
M. Szilagyi, I.W. (e-copy)
S. Morrison, Process (e-copy)
Lab file

BUFFALO SEWER AUTHORITY
LABORATORY

90 WEST FERRY STREET • BUFFALO, NEW YORK 14213 • (716) 851-4664

Priority Pollutant and Monitoring Summary

SPDES Number: **NY** – 0028410
Outfall 002
NYSDOH Lab ID 10132
Month **September, 2025**

	BSA Results Monitoring mg/L	Limit Monthly Ave. Lbs/day	Action Level Lbs/day	BSA Results Monthly Ave. Lbs/day
Conventional Pollutants				
Nitrogen, TKN (as N), Raw	13.00			
Ammonia (as NH_3), Raw	11.00			
Nitrogen, TKN (as N), Effluent	7.30			
Ammonia (as NH_3), Effluent	6.70			
Toxic Pollutants				
Phenols, Total, 4-AAP		**36.6**		<2.66
Action Level Requirements Type II				BSA Results Daily Max
Cadmium, Total			**30.0**	<1.06
Chromium, Total			**12.5**	<2.12
Copper, Total			**31.9**	5.31
Copper, Dissolved			**Monitor**	<5.31
Lead, Total			**66.2**	<5.31
Nickel, Total			**43.8**	<5.31
Zinc, Total			**174**	<5.31
Zinc, Dissolved			**Monitor**	6.37
Bis (2-ethylhexyl) phthalate			**16.7**	<5.31
Cyanide			**90.0**	79.67

Notes: **Bold** – regulatory limits and action levels
Less than (<) values are based on MDL's.
ND – Not Detected

L:\ forms\sumry99.doc 2/99

BUFFALO SEWER AUTHORITY
MONTHLY LABORATORY DATA

September 2025	DIGESTER CONTENTS - ORP					
	#1	#2	#3	#4	#5	#6
DAY DATE	ORP	ORP	ORP	ORP	ORP	ORP
Tue 2	-211	-217	-227			
Thu 4				-229	-253	
Tue 9	-206	-234	-237			
Thu 11				-205	-233	
Tue 16	-231	-234	-230			
Thu 18				-225	-226	
Tue 23	-211	-229	-237			
Thu 25				-224	-255	
Tue 30	-204	-218	-226			

Buffalo Sewer Authority Laboratory

90 W. Ferry St | Buffalo NY 14213 | Tel. (716)851-4664 | Fax (716) 883-3789

Priority Pollutant Report

Sample Name:	PP LL Hg - FE	*Lab Log:*	503058
Sample Type:	Wastewater	*I. W. #:*	
Sample Source:	Final Effluent	*Submitted By:*	IW
Sample Date Start:	9/26/2025	*Date Received:*	9/26/2025 00:00
Collection Time Start:	10:05	*Received By:*	CR
Collection Type:	24 hr comp	*Sample Container:*	Glass
Collected By:	IW	*Preservative:*	Refrigeration
Comments:			

Analyte	Method	Analysis Date/Time	Mass lbs/day	Data Qual.	Conc	Units	Spike % Rec	Reporting Limit	Analyst
LL Mercury	EPA 1631E	10/2/2025 15:33	0.85		1.70	ng/l		0.50	X

Flow: 60

Reviewed by

Raechel Miller, QA Coordinator — Date 10.3.25

Stephen J. Tuhovak, Laboratory Director, NYS Lab ID 10132 — Date 10-6-2025

Distribution:

Printed 10/3/2025

Data Qualifier Key

N	Not Detected	**L**	Results Below LOQ and Above LOD	**H**	Blank Exceeds Acceptance Limits
B	Below Reporting Limit	**P**	Spike recovery outside acceptance Limits	**D**	Precision Outside Acceptance Limits
<	Less Than	**S**	Standard Outside Acceptance Limits	**U**	Accidental Loss or Aborted Analysis
>	Greater Than	**E**	Exceeded Holding Time	**C**	Results Below CAL. Curve and Above Reporting Limit
M	Sample Matrix Interference	**T**	Toxic Effect	**Z**	Instrumentation Not Calibrated
9	Improper Sample Container	**8**	Temperature Outside Limits		
X	Subcontracted-NY10026				

BUFFALO
90 YEARS 1935-2025
SEWER AUTHORITY

September 9, 2025

Regional Environmental Engineer
N.Y.S.D.E.C.
700 Delaware Avenue
Buffalo, New York 14209-2202

RE: USE OF OUTFALL 001

To Whom It May Concern:

A partial treatment event was required on September 4, 2025 from 01:06 PM through September 4, 2025 at 09:57 PM due to high flows attributed to rainfall and limited secondary treatment capacity to facilitate Phase 1 of the Secondary Treatment Rehab Project.

The partially treated flow received primary treatment, chlorination with sodium hypochlorite before being discharged into the Niagara River through outfall 001. During the partial treatment event all B side aeration tanks and final clarifiers were out of service to facilitate Phase 1 of the Secondary Treatment Rehab Project.

Date:	**9/4/2025**
Duration Hours:	**8.85**
Average Raw WW Flow MGD:	**141**
Final Effluent Flow MGD:	**100**
Starting Raw WW Flow MGD:	**187**
Peak Flow MGD:	**342**
Partially Treated Volume MG:	**42**

Very truly yours,

BUFFALO SEWER AUTHORITY

Alexander C. Emmerson
Treatment Plant Superintendent

ACE:rlg
encs.
cc: Process
File Name: PT_09-04-25

BUFFALO
90 YEARS 1935-2025
SEWER AUTHORITY

COPY

September 23, 2025

Regional Environmental Engineer
N.Y.S.D.E.C.
700 Delaware Avenue
Buffalo, New York 14209-2202

RE: USE OF OUTFALL 001

To Whom It May Concern:

A partial treatment event was required on September 22, 2025 from 12:30 AM through September 22, 2025 at 04:54 AM due to high flows attributed to rainfall and limited secondary treatment capacity to facilitate Phase 1 of the Secondary Treatment Rehab Project.

The partially treated flow received primary treatment, chlorination with sodium hypochlorite before being discharged into the Niagara River through outfall 001. During the partial treatment event all B side aeration tanks and final clarifiers were out of service to facilitate Phase 1 of the Secondary Treatment Rehab Project.

Date:	**9/22/2025**
Duration Hours:	**4.4**
Average Raw WW Flow MGD:	**80**
Final Effluent Flow MGD:	**77**
Starting Raw WW Flow MGD:	**90**
Peak Flow MGD:	**184**
Partially Treated Volume MG:	**9**

Very truly yours,

BUFFALO SEWER AUTHORITY

Alexander C. Emmerson
Treatment Plant Superintendent

ACE:rlg
encs.
cc: Process
File Name: PT_09-22-25

BUFFALO
90 YEARS 1935-2025
SEWER AUTHORITY

COPY

October 2, 2025

Regional Environmental Engineer
N.Y.S.D.E.C.
700 Delaware Avenue
Buffalo, New York 14209-2202

RE: USE OF OUTFALL 001

To Whom It May Concern:

A partial treatment event was required on September 25, 2025 from 01:14 AM through September 25, 2025 at 10:43 AM due to high flows attributed to rainfall and limited secondary treatment capacity to facilitate Phase 1 of the Secondary Treatment Rehab Project.

The partially treated flow received primary treatment, chlorination with sodium hypochlorite before being discharged into the Niagara River through outfall 001. During the partial treatment event all B side aeration tanks and final clarifiers were out of service to facilitate Phase 1 of the Secondary Treatment Rehab Project.

Date:	**9/25/2025**
Duration Hours:	**9.48**
Average Raw WW Flow MGD:	**95**
Final Effluent Flow MGD:	**59**
Starting Raw WW Flow MGD:	**121**
Peak Flow MGD:	**152**
Partially Treated Volume MG:	**24**

Very truly yours,

BUFFALO SEWER AUTHORITY

Alexander C. Emmerson
Treatment Plant Superintendent

ACE
encs.
cc: Process
File Name: PT_09-25-25

BUFFALO
90 YEARS 1935-2025
SEWER AUTHORITY

COPY

October 2, 2025

Regional Environmental Engineer
N.Y.S.D.E.C.
700 Delaware Avenue
Buffalo, New York 14209-2202

RE: USE OF OUTFALL 001

To Whom It May Concern:

A partial treatment event was required on September 25, 2025 from 09:06 PM through September 26, 2025 at 09:49 AM due to high flows attributed to rainfall and limited secondary treatment capacity to facilitate Phase 1 of the Secondary Treatment Rehab Project.

The partially treated flow received primary treatment, chlorination with sodium hypochlorite before being discharged into the Niagara River through outfall 001. During the partial treatment event all B side aeration tanks and final clarifiers were out of service to facilitate Phase 1 of the Secondary Treatment Rehab Project.

Date:	9/25/2025	9/26/2025
Duration Hours:	2.9	9.82
Average Raw WW Flow MGD:	95	100
Final Effluent Flow MGD:	59	60
Starting Raw WW Flow MGD:	115	221
Peak Flow MGD:	253	249
Partially Treated Volume MG:	13	34

Very truly yours,

BUFFALO SEWER AUTHORITY

Alexander C. Emmerson
Treatment Plant Superintendent

ACE
encs.
cc: Process
File Name: PT_09-25-25_2

Erie, Buffalo, Sewage Discharge, Black Rock Cnal,

ID: 2178855699758232

CLOSED

Opened On: Sep 25, 2025 04:05:48 EST - by Ameer Lucas
Last Updated On: Nov 10, 2025 09:09:49 EST - by Alexander Emmerson
Closed On: Nov 10, 2025 09:09:49 EST - by Alexander Emmerson

Notification: Sep 25, 2025 04:05:49 EST

Title	ID	Phase	Sent By	Incident Template	Confirmed	Not Confirmed	Unreachable
Erie, Buffalo, Sewage Discharge, Black Rock Cnal,	2178855699758193	New	Ameer Lucas	Buffalo Sewer Authority - Bird Island, NY0028410, SPRTK	0	2630	392

Message (Customized Email below)
Erie, Buffalo, Sewage Discharge, Black Rock Cnal,

Type: Nixle Event Subscriptions, CAP RSS Feed

Customized Email

New York Sewage Pollution Right to Know

Issued: 09-25-2025, 05:05:48
Affects: New York - Erie - Buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 90 West Ferry, Buffalo, NY

Location details:

Waterbody affected: Black Rock Cnal

Discharge description:

Potentially impacted public areas: -

Discharge date and time: 09-25-2025 01:54:00

Discharge duration: 24 Hours

Discharge reason: Weather Conditions, System Capacity - Light Raifall

Steps taken to contain discharge: Permitted "CSO" discharge

Volume/rate of discharge: 143,000 Gallons Estimated

Treated state of discharge: Untreated

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

Notification: Sep 25, 2025 22:50:31 EST

Title	ID	Phase	Sent By	Incident Template	Confirmed	Not Confirmed	Unreachable
UPDATE: Erie, Buffalo, Sewage Discharge, Black							

Rock Canal, Scajaquada Creek, Niagara River, Cazenovia Creek, Buffalo River,,	2178512102392629	Update	Ameer Lucas	Buffalo Sewer Authority - Bird Island, NY0028410, SPRTK	0	2635	390

Message (Customized Email below)

UPDATE: Erie, Buffalo, Sewage Discharge, Black Rock Canal, Scajaquada Creek, Niagara River, Cazenovia Creek, Buffalo River,,

Type: Nixle Event Subscriptions, CAP RSS Feed

Customized Email

New York Sewage Pollution Right to Know

UPDATE:

Issued: 09-25-2025, 23:50:31

Affects: New York - Erie - Buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 90 West Ferry, Buffalo, NY

Location details:

Waterbody affected: Black Rock Canal, Scajaquada Creek, Niagara River, Cazenovia Creek, Buffalo River,

Discharge description:

Potentially impacted public areas: -

Discharge date and time: 09-25-2025 01:54:00

Discharge duration: 24 Hours

Discharge reason: System Capacity, Weather Conditions - Heavy Rainfall

Steps taken to contain discharge: Permitted "CSO" discharge

Volume/rate of discharge: 6,811,000 Gallons Estimated

Treated state of discharge: Untreated

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

Erie, Buffalo, Sewage Discharge, Niagara River,

ID: 2146866783486379

CLOSED

Opened On: Sep 04, 2025 14:58:27 EST - by Alexander Emmerson
Last Updated On: Sep 04, 2025 14:58:27 EST - by Alexander Emmerson
Closed On: Sep 04, 2025 14:58:27 EST - by Alexander Emmerson

Notification: Sep 04, 2025 14:58:28 EST

Title	ID	Phase	Sent By	Incident Template	Confirmed	Not Confirmed	Unreachable
Erie, Buffalo, Sewage Discharge, Niagara River,	2146866783484453	New	Alexander Emmerson	Buffalo Sewer Authority - Bird Island, NY0028410, SPRTK	0	2206	323

Message (Customized Email below)
Erie, Buffalo, Sewage Discharge, Niagara River,

Type: Nixle Event Subscriptions, CAP RSS Feed

Customized Email

New York Sewage Pollution Right to Know

Issued: 09-04-2025, 14:58:28
Affects: New York - Erie - Buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 92 West Ferry, Buffalo, NY

Location details:

Waterbody affected: Niagara River

Discharge description:

Potentially impacted public areas: -

Discharge date and time: 09-04-2025 13:02:00

Discharge duration: 26 Minutes

Discharge reason: Weather Conditions - Primary treated flow entered storm water outfall from overtopping secondary channel

Steps taken to contain discharge: Lowered channel levels via wet weather operations

Volume/rate of discharge: 38.4 Gallons per Minute Estimated

Treated state of discharge: Partially Treated without Disinfection

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

Erie, Buffalo, Sewage Discharge, Black Rock Canal, Scajaquada Creek, Buffalo River,

ID: 2146866783483708

CLOSED

Opened On:	Sep 04, 2025 12:29:22 EST - by Matthew Wiatrowski
Last Updated On:	Nov 10, 2025 09:09:49 EST - by Alexander Emmerson
Closed On:	Nov 10, 2025 09:09:49 EST - by Alexander Emmerson

Notification: Sep 04, 2025 12:29:22 EST

Title	ID	Phase	Sent By	Incident Template	Confirmed	Not Confirmed	Unreachable
Erie, Buffalo, Sewage Discharge, Black Rock Canal, Scajaquada Creek, Buffalo River,	2146866783481906	New	Matthew Wiatrowski	Buffalo Sewer Authority - Bird Island, NY0028410, SPRTK	0	2622	373

Message (Customized Email below)

Erie, Buffalo, Sewage Discharge, Black Rock Canal, Scajaquada Creek, Buffalo River,

Type: Nixle Event Subscriptions, CAP RSS Feed

Customized Email

New York Sewage Pollution Right to Know

Issued: 09-04-2025, 13:29:22

Affects: New York - Erie - Buffalo

The Buffalo Sewer Authority -Bird Island, NY0028410 is issuing this notification.

Discharge location: 90 West Ferry, Buffalo, NY

Location details:

Waterbody affected: Black Rock Canal, Scajaquada Creek, Buffalo River

Discharge description:

Potentially impacted public areas: -

Discharge date and time: 09-04-2025 11:54:32

Discharge duration: Ongoing Hours

Discharge reason: Weather Conditions - .14 IN of rain

Steps taken to contain discharge: All available equipment in service

Volume/rate of discharge: 175000 Gallons Estimated

Treated state of discharge: Partially Treated with Disinfection

Additional information:

For more information on the Sewage Pollution Right to Know Act visit SPRTK.

[Disclaimer: Daily and/or termination reports will be provided for ongoing discharges. Wet weather CSO do not need to report daily nor provide a termination report. The information provided in this message is accurate at the time of report using existing systems and models.]

Attachment C - Sewerage Backups and Building/Private Property Backups

BUFFALO SEWER AUTHORITY SEWER BACK-UPS AND REMEDIAL ACTIONS

July 1st – September 30th, 2025

Date	Street Address	Sewer Backup Description	Remedial Actions
July 21,2025	99, 103, & 107 W. Northrup	Homeowner at 99 W. Northrup reported basement backup. Investigation confirmed a blockage in the main sewer line.	BSA dispatched a Vactor truck and the main sewer was cleaned using high-pressure hose to remove the blockage and restore flow.
August 13, 2025	480 Eggert	Homeowner reported basement backup. Investigation revealed a blockage in the main sewer line.	BSA dispatched a Vactor truck**,** and the main sewer was cleaned by jetting from the Kay & Eggert intersection toward Kensington Avenue, clearing approximately 300 feet of sewer to remove the blockage and restore flow.
August 17, 2025	72 & 74 Hennepin	Homeowner reported basement backup at 72/74 Hennepin. Investigation confirmed a main sewer blockage.	BSA dispatched a Vactor truck and the main sewer was cleaned by jetting from the down manhole at 60 Hennepin up to the manhole at 80 Hennepin to remove the blockage and restore flow.
August 17, 2025	719 Northampton	A private plumber reported a blockage in the main sewer. Investigation confirmed the blockage.	BSA dispatched a Vactor truck and the main sewer was cleaned by jetting from the manhole at Fillmore & Northampton to the manhole past 719 Northampton to remove the blockage and restore flow.
September 2, 2025	170 Florida	Sewage coming from a manhole near 170 Florida was reported. Investigation revealed a blockage and structural damage to the main sewer.	BSA dispatched a construction crew and a Vactor truck; the damaged sewer was excavated to remove a broken tile and concrete that was causing the blockage, and the remaining sewer was cleaned from Jefferson & Florida past the damaged area to restore flow.
September 4, 2025	387 Trenton	Homeowner reported basement backup. Investigation confirmed blockage in main sewer.	BSA dispatched a Vactor truck and the main sewer was cleaned by jetting from the manhole past 387 Trenton toward the dead-end manhole to remove the blockage and restore flow.

September 9, 2025	37 15th Street	Homeowner reported basement backup. Investigation confirmed blockage.	SA dispatched a Vactor truck and the main sewer was flushed by jetting from the manhole at 15th & Connecticut through two sections (660 feet) to 15th & York to remove the blockage and restore flow.

Attachment D – Report of Noncompliance Events

SECTION 1

New York State Department of Environmental Conservation
Division of Water

Report of Noncompliance Event

To: DEC Water Contact JEFFREY KONSELLA **DEC Region:** 9

Report Type: ✓ *5 Day* ✓ *Permit Violation* ___ *Order Violation* ___ *Anticipated Noncompliance* ___ *Bypass/Overflow* ___ *Other*

SECTION 2

SPDES #: NY- 0028410 **Facility:** BUFFALO SEWER AUTHORITY

Date of noncompliance: 08 / 02 / 2025 **Location (Outfall, Treatment Unit, or Pump Station):** Bird Island

Description of noncompliance(s) and cause(s): The 7-day Geometric Mean for the final effluent fecal coliform measured 603.02 col/100ml. This has been attributed to poor mixing in the contact tank influent channel with the B side offline and the location of the temporary hypo discharge hose.

Has event ceased? (Yes) (No) **If so, when?** 11/28/2022 **Was event due to plant upset?** (Yes) (No) **SPDES limits violated?** (Yes) (No)

Start date, time of event: 07 / 27 / 2025, 12 :00 (AM) (PM) **End date, time of event:** 08 / 02 / 2025, 12 :00 (AM) (PM)

Date, time oral notification made to DEC? / / , : (AM) (PM) **DEC Official contacted:** Denine N. Jackson (email)

Immediate corrective actions: Contact tanks 3 and 4 were taken offline to allow for better mixing of hypo to contact tanks 1 and 2.

Preventive (long term) corrective actions: Installation of a more permanent temporary hypo discharge line to the final contact tank influent channel until the B side can be brought back online.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? (Yes) (No)

DEC Official contacted: _____ Date of DEC approval: / /

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: Alexander C Emmerson **Title:** ACTING TREATMENT PLANT SUPERINTENDENT **Date:** 08 / 15 / 2025

Phone #: (716) 851 - 4664 X5201 **Fax #:** (716) 883 - 3789

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

x _____

Signature of Principal Executive Officer or Authorized Agent

SECTION 1

New York State Department of Environmental Conservation
Division of Water

Report of Noncompliance Event

To: DEC Water Contact Melanie Wright **DEC Region:** 9

Report Type: ✓ *5 Day* ✓ *Permit Violation* ___ *Order Violation* ___ *Anticipated Noncompliance* ___ *Bypass/Overflow* ___ *Other*

SECTION 2

SPDES #: NY- 0028410 **Facility:** BUFFALO SEWER AUTHORITY

Date of noncompliance: 08 / 1-31 / 2025 **Location (Outfall, Treatment Unit, or Pump Station):** Bird Island

Description of noncompliance(s) and cause(s): The 7-day Geometric Mean for the final effluent fecal coliform measured 553.72 col/100ml for the week ending 8/30/2025. The average daily Geometric Mean for the final effluent fecal coliform for the month of August measured 212 col/100ml. This has been attributed to a plug in the temporary hypo discharge line in use to provide proper dosing and mixing during construction required to comply with Phase 1 of the LTCP. The plug caused the hypo to be redirected to the normal discharge location that currently does not provide adequate mixing for proper disinfection.

Has event ceased? (Yes) (No) **If so, when?** 08/31/2025 **Was event due to plant upset?** (Yes) (No) **SPDES limits violated?** (Yes) (No)

Start date, time of event: 08 / 1 / 2025, 12 :00 (AM) (PM) **End date, time of event:** 08 / 31 / 2025, 12 :00 (AM) (PM)

Date, time oral notification made to DEC? / / , : (AM) (PM) **DEC Official contacted:** Denine N. Jackson (email)

Immediate corrective actions: The operator stopped dosing through the plugged hypo discharge line and ran a temporary hose to the same dosing location returning the final effluent residual back to its target.

Preventive (long term) corrective actions: Installation of a valve to prevent future redirecting of hypo due to discharge pipe restrictions. Complete construction and commissioning of the B side and return to the original hypo dosing location.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? (Yes) (No)

DEC Official contacted: _____ Date of DEC approval: / /

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: Alexander C Emmerson **Title:** TREATMENT PLANT SUPERINTENDENT **Date:** 09 / 22 / 2025

Phone #: (716) 851 - 4664 X5201 **Fax #:** (716) 883 - 3789

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

x _____

Signature of Principal Executive Officer or Authorized Agent

SECTION 1

COPY

New York State Department of Environmental Conservation
Division of Water

Report of Noncompliance Event

To: DEC Water Contact Melanie Wright **DEC Region:** 9

Report Type: ✓ *5 Day* ✓ *Permit Violation* ___ *Order Violation* ___ *Anticipated Noncompliance* ___ *Bypass/Overflow* ___ *Other*

SECTION 2

SPDES #: NY- 0028410 **Facility:** BUFFALO SEWER AUTHORITY

Date of noncompliance: 7 / 27 / 2025 **Location (Outfall, Treatment Unit, or Pump Station):** Bird Island

Description of noncompliance(s) and cause(s): On July 27nd, 2025 the 08:00 am FE settable solids result was 3.0 mL/L resulting in a daily average settable solid result of 0.3 mL/L. The 11 other settable solids samples were <0.1 ml/L and within permit limits for the day. The elevated settable solids result was attributed to a failed blanket level indicator on final clarifier 8A causing solids loss on that clarifier.

Has event ceased? (Yes) (No) **If so, when?** 07/27/2025 **Was event due to plant upset?** (Yes) (No) **SPDES limits violated?** (Yes) (No)

Start date, time of event: 7 / 27 / 2025, 08 :00 (AM) (PM) **End date, time of event:** 7 / 27 / 2025, 08 :00 (AM) (PM)

Date, time oral notification made to DEC? 7 / 29 / 25, 10 : 15 (AM) (PM) **DEC Official contacted:** Denine Jackson (email)

Immediate corrective actions: The operator adjusted the flow to 8A final clarifier to stop the solids loss.

Preventive (long term) corrective actions: Repair or replace the faulty blanket level indicator on final clarifier 8A

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? (Yes) (No)

DEC Official contacted: _____ Date of DEC approval: ___ / ___ / ___

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: Alexander C Emmerson **Title:** TREATMENT PLANT SUPERINTENDENT **Date:** 07 / 30 / 2025

Phone #: (716) 851 - 4664 X5201 **Fax #:** (716) 883 - 3789

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

x _____

Signature of Principal Executive Officer or Authorized Agent

SECTION 1

New York State Department of Environmental Conservation
Division of Water

Report of Noncompliance Event

To: DEC Water Contact Melanie Wright **DEC Region:** 9

Report Type: ✓ *5 Day* ✓ *Permit Violation* ___ *Order Violation* ___ *Anticipated Noncompliance* ___ *Bypass/Overflow* ___ *Other*

SECTION 2

SPDES #: NY- 0028410 **Facility:** BUFFALO SEWER AUTHORITY

Date of noncompliance: 07 / 30 / 2025 **Location (Outfall, Treatment Unit, or Pump Station):** Bird Island

Description of noncompliance(s) and cause(s): On July 30th, 2025, the 10am and 2pm FE settleable solids were 2.0 ml/L and 1.1 ml/L respectively. This led to a daily average settable solids result above the permit limit of 0.3 ml/L. The 10 other settable solids' results were <0.1 ml/L for the day. The solids loss was due to limited secondary treatment capacity to facilitate Phase 1 of the LTCP capital project and sludge bulking due to the presence of filamentous bacteria. The identified filament was 021N and the cause of the outbreak has been attributed to draining of the B-side to the A side for the required capital work.

Has event ceased? (Yes) (No) **If so, when?** 07/30/2025 **Was event due to plant upset?** (Yes) (No) **SPDES limits violated?** (Yes) (No)

Start date, time of event: 07 / 30 / 2025, 10 :00 (AM) (PM) **End date, time of event:** 07 / 30 / 2025, 02 :00 (AM) (PM)

Date, time oral notification made to DEC? / / , : (AM) (PM) **DEC Official contacted:** Denine N. Jackson (email)

Immediate corrective actions: The operator adjusted final clarifier flows to minimize the solids loss. The plant entered partial treatment to reduce blanket levels and prevent additional solids loss. Chlorination of A side RAS wet well was used to reduce bulking caused by the filiment.

Preventive (long term) corrective actions: Increase the frequence of microscopic exams when isolating and draining plant processes for plant or capital maintenance. Return the B side into service restoring plant capacity.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? (Yes) (No)

DEC Official contacted: _____ Date of DEC approval: / /

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: Alexander C Emmerson **Title:** TREATMENT PLANT SUPERINTENDENT **Date:** 8 / 8 / 2025

Phone #: (716) 851 - 4664 X5201 **Fax #:** (716) 883 - 3789

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

x _____

Signature of Principal Executive Officer or Authorized Agent

SECTION 1

New York State Department of Environmental Conservation
Division of Water

Report of Noncompliance Event

To: DEC Water Contact Melanie Wright ***DEC Region:*** 9

Report Type: ✓ *5 Day* ✓ *Permit Violation* ___ *Order Violation* ___ *Anticipated Noncompliance* ___ *Bypass/Overflow* ___ *Other*

SECTION 2

SPDES #: NY- 0028410 **Facility:** BUFFALO SEWER AUTHORITY

Date of noncompliance: 7 / 1-31 / 2025 **Location (Outfall, Treatment Unit, or Pump Station):** Bird Island

Description of noncompliance(s) and cause(s): July 2025 FE Phosphates monthly average was 1.37 mg/L which is above the permitted limit of 1.0 mg/L. At the time of noncompliance, the treatment plant was operating with half of the secondary treatment process offline to facilitate phase I of the LTCP capital work. Draining of the B-side to the A side for the required capital work has been determined to be an attributing factor.

Has event ceased? (Yes) (No) **If so, when?** 09/01/2025 **Was event due to plant upset?** (Yes) (No) **SPDES limits violated?** (Yes) (No)

Start date, time of event: 7 / 01 / 2025, : (AM) (PM) **End date, time of event:** 7 / 31 / 2025, : (AM) (PM)

Date, time oral notification made to DEC? / / , : (AM) (PM) **DEC Official contacted:** Denine Jackson (email)

Immediate corrective actions: Chemical dosing of ferrous chloride was started on July 25th, 2024 and continued through the end of the month.

Preventive (long term) corrective actions: Adjust operational conditions to favor phosphate uptake.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? (Yes) (No)

DEC Official contacted: _____ Date of DEC approval: / /

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: Alexander C Emmerson **Title:** TREATMENT PLANT SUPERINTENDENT **Date:** 08 / 15 / 2025

Phone #: (716) 851 - 4664 X5201 **Fax #:** (716) 883 - 3789

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

X _____

Signature of Principal Executive Officer or Authorized Agent