



MUNICIPAL SEWAGE COLLECTION SYSTEM

Annual Performance Report **2024**

THE CITY OF CORNWALL

DEPARTMENT OF INFRASTRUCTURE AND MUNICIPAL WORKS

P.O. BOX 877

1225 ONTARIO ST.

CORNWALL, ON.

K6H 4E1



CLI-ECA Approval 176-W601

Table of Contents

1. Introduction	1
1.1. Background	1
1.2. System Description	1
1.3. Reporting Details.....	2
2. Monitoring Data Analysis	3
2.1. ECA Required Monitoring Programs	3
2.2. Flow Monitoring Program	3
2.2.1. Flow monitoring Maintenance and Calibrations	3
2.3. Flow Monitoring Data Analysis.....	6
3. Collection System Operating Issues, Maintenance and Calibration	8
3.1. Linear Infrastructure and Maintenance Holes	8
3.1.1. Linear Infrastructure and MH Issues and Repairs	8
3.2. Pumping Stations	9
3.2.1. Pumping Station Issues and Repairs	9
3.3. CSO Points & Facilities	9
3.3.1. CSO Point Issues, Repairs and Alterations	10
3.3.2. Brookdale CSO Control Building issues, Repairs and Alterations	10
3.4. Calibrations	10
4. Complaint Summary.....	11
5. Collection System Alterations	12
5.1. Reconstruction & Rehabilitation Projects	12
5.2. Additions and New Developments	13
5.3. Pump Station Alterations	13
5.4. Significant Drinking Water Threats	13
6. Sewer Overflow & Spill Summary	14
7. Future Initiatives to Improve the Authorized System	15
Works Cited	16
Appendix A: Flow Monitoring Data	17
Appendix B: Collection System Operating issues and Maintenance Records.....	18
Appendix C: Authorized System Map.....	19

List of Tables

Table 1: Flow Monitor Maintenance Schedule and Operations.....	4
Table 2: Yearly Avg. Flow Rates (5 yrs.)	7
Table 3: Summary of Pump Station Issues	9
Table 4: Breakdown of Collection System Complaints	11
Table 5: Reconstruction & Rehabilitation Projects 2024	12
Table 6: Additions to the Authorized System 2024.....	13
Table 7: Pump Station Alterations 2024	13
Table 8: CSO Events 2024	14

List of Figures

Figure 1: Flow Monitor Locations 2024.....	5
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1. Introduction

As per section 4.6 of Schedule E in City of Cornwall ECA Approval 176-W601, the owner of the authorized system shall prepare an annual report to evaluate the performance and operation of the municipal sewage collection system. This report aims to give an overview of the City's Sewage Collection System and meet the new reporting requirements of the Ministry of Environment, Parks, Conservation and Parks (MECP) relating to wastewater collection infrastructure. This report covers the period between January 1st, 2024, to Dec. 31st, 2024.

1.1. Background

The City of Cornwall (City) owns and operates its own sewage collection and treatment system that serves a community of approximately 48,000. The system collects the wastewater from residential, institutional, commercial, and industrial customers throughout the City, and treats it in accordance with the provincial and federal governments' environmental regulations and industry standards. On average, over 52,000 cubic metres (m³) of wastewater is collected and treated per day, from both residential and non-residential properties in Cornwall. The treated effluent leaving the WWTP is discharged to the St. Lawrence River.

1.2. System Description

The City of Cornwall's authorized sewage collection system consists of:

- 207.2 km of separate and partially separate sanitary sewer
- 6.6 km of sanitary force main,
- 53.3 km of combined sewer
- 2590 sanitary sewer maintenance holes
- 654 combined sewer maintenance holes
- 6 pumping stations
 - Queen & James St. Pump Station
 - Saunders St. Pumping Station
 - Grand Miron Pumping Station (Eleventh St.)
 - Brookdale Pumping Station
 - Fennell Crescent Pumping Station
 - Harbour Rd. Pumping Station
- 1 main pumping station with emergency overflow
- 1 CSO monitoring building
- 3 monitored CSO overflow structures and outfall points

- 1 wastewater treatment plant (primary and secondary treatment). The treatment plant has a rated capacity of 55,000 m³/day, and a peak flow design capacity of 149,000 m³/day. *WWTP doesn't fall under ECA 176-W601
- 1 Real-Time SCADA central control system for 6 pump stations
- 1 Real-Time SCADA central control system for the WWTP Pump Station, and the Brookdale CSO Control Building

1.3. Reporting Details

As per the requirements of section 5.2 of Schedule E, the annual report of the stormwater collection system shall be an overview of the following reporting criterium:

- Summary of all required monitoring data of the collection system, along with any interpretations and conclusions that can be drawn from evaluation of the monitoring data or any future modifications needed of the authorized system (If applicable).
- Summary of any system operating problems encountered, and the corrective actions taken
- Summary of all calibrations, maintenance and repairs carried out on any major structures, equipment, or anything forming part of the municipal sewage collection system.
- Summary of all complaints received, and the actions taken to address them.
- Summary of all alterations made to the authorized system within the reporting period, including a list that poses a significant drinking water threat.
- Summary of all sewage collection overflows and spills
- Summary of the efforts made to reduce collection system overflows, spills, sewage treatment plant overflows and/or bypasses.

2. Monitoring Data Analysis

As per section 4.6.3 of Schedule E, this section includes a summary of any required monitoring data, its interpretation and any conclusions and future modifications needed to the authorized system.

2.1. ECA Required Monitoring Programs

In accordance with section 4 of Schedule E, the City is to implement a monitoring plan for the authorized system.

Currently, the City is awaiting the MECPs publication of the monitoring guidelines. Upon release, the City will have 24 Months to implement the Monitoring Plan for the authorized system.

2.2. Flow Monitoring Program

The City of Cornwall currently utilizes Seventeen (16) flow monitoring units, which are installed around the City at various locations to gather data on sewer flows. Flow data is used to identify and provide information on I&I (inflow and infiltration) issues within the sewage collection system and assist with local hydraulic modeling.

Another three (3) monitors are used as CSO (combined sewer overflow) alarms at the identified overflow points as per table B.4 of ECA. Monitors w/ float alarm systems are installed at the Pitt St., Amelia and St. Lawrence Dr. CSO sites that, in event of a CSO occurs, the city is informed of the alarm and report characteristics of the event to the Ministry.

2.2.1. Flow monitoring Maintenance and Calibrations

Flow monitors are maintained by City staff for small, non-confined space, operational maintenance and repairs. A subcontractor is used for technical or confined space maintenance, calibration and repairs. Currently the City utilizes the services of AMG Environmental / SCG Flowmetrix to supply and maintain flow monitor equipment. Monitors are maintained, calibrated, or repaired during quarterly visits; with the possibility of a 5th visit prior to the start of the winter season.

Table 1: Flow Monitor Maintenance Schedule and Operations

Scheduled Maintenance Dates	Sites Visited – Maintenance Performed
February 13 th - 16 th	• Amelia CSO – Installed new monitor and sensors • COM-1 Seymour – Replaced antenna & battery • COM-11 Amelia – Replaced sim holder • COM-12 Amelia – Restored connectivity • COM-14 Danis – Replaced battery • COM-2A Brookdale – Replaced antenna • Pitt CSO – Replaced Monitor & AV sensors • SAN-13 St. Felix – Replaced battery & sim holder • SAN-15 Concorde – Replace monitor, antenna & sensor ext. • SAN-16 Campbell – Replace battery & sim holder • SAN-7 Laflin – Replace sim holder • SAN-8 Balmoral – Replace battery & sim holder • SAN-9 Edgar – Replace battery
May 28 th – 31 st	• Amelia CSO – Calibrate & verify connectivity • COM-1 Seymour – Replaced battery • COM-11 Amelia – Replaced AV sensor • COM-12 Amelia – Replaced battery & AV sensor • COM-18A-SAN Amelia – Calibration & maintenance • COM-2A Brookdale – Replaced battery • COM-3A Brookdale - Replaced battery & sim card • SAN-13 St. Felix - Replaced battery • SAN-16 Campbell – Replace Monitor, sim card, holder, sensor • SAN-5 Twelfth – Replaced antenna & battery • SAN-6 Balmoral – Replaced sim holder & card • SAN-7 Laflin – Replace AV sensors, sim holder & card
July 16 th – 18 th	• Pitt CSO – Replace antenna • COM-11 Amelia – Replaced sim holder & card • SAN-13 St. Felix – Replaced antenna • SAN-15 Concorde – Replace AV sensor • COM-18A-SAN Amelia – Calibration & maintenance • Amelia CSO – Replaced antenna, verify connectivity • SAN-5 Twelfth – Calibration & maintenance • SAN-6 Balmoral – Replaced sim holder & card • SAN-7 Laflin – Replace battery • COM-3A Brookdale – Replaced antenna • COM-1 Seymour – Replaced monitor

September 23 rd – 26 th	• Amelia CSO – Replace antenna • COM-1 Seymour – Replace antenna • COM-11 Amelia – Replace battery & AV sensor • SAN-15 Concorde – Replace AV sensor • COM-12 Amelia – Replace battery • SAN-8 Balmoral - Maintenance • SAN-6 Balmoral Replace battery • COM-4 Ninth – Replaced monitor, battery & sim card • SAN-5 Twelfth – Replace monitor, AV sensor & battery • SAN-16 Campbell – Calibration & maintenance
November 19 th – 21 st	• Weather Station – Uninstall weather station • SAN-8 Balmoral Replaced battery, calibrate • SAN-6 Balmoral – Calibrate & maintenance • St. Lawrence CSO – Install new CSO monitor equipment • SAN-13 St. Felix – Replace battery & sim holder • COM-12 Amelia – Replace battery • SAN-7 Laflin - Replace Monitor, antenna, sim card/hold, batt. • COM-2A Brookdale – Replace battery

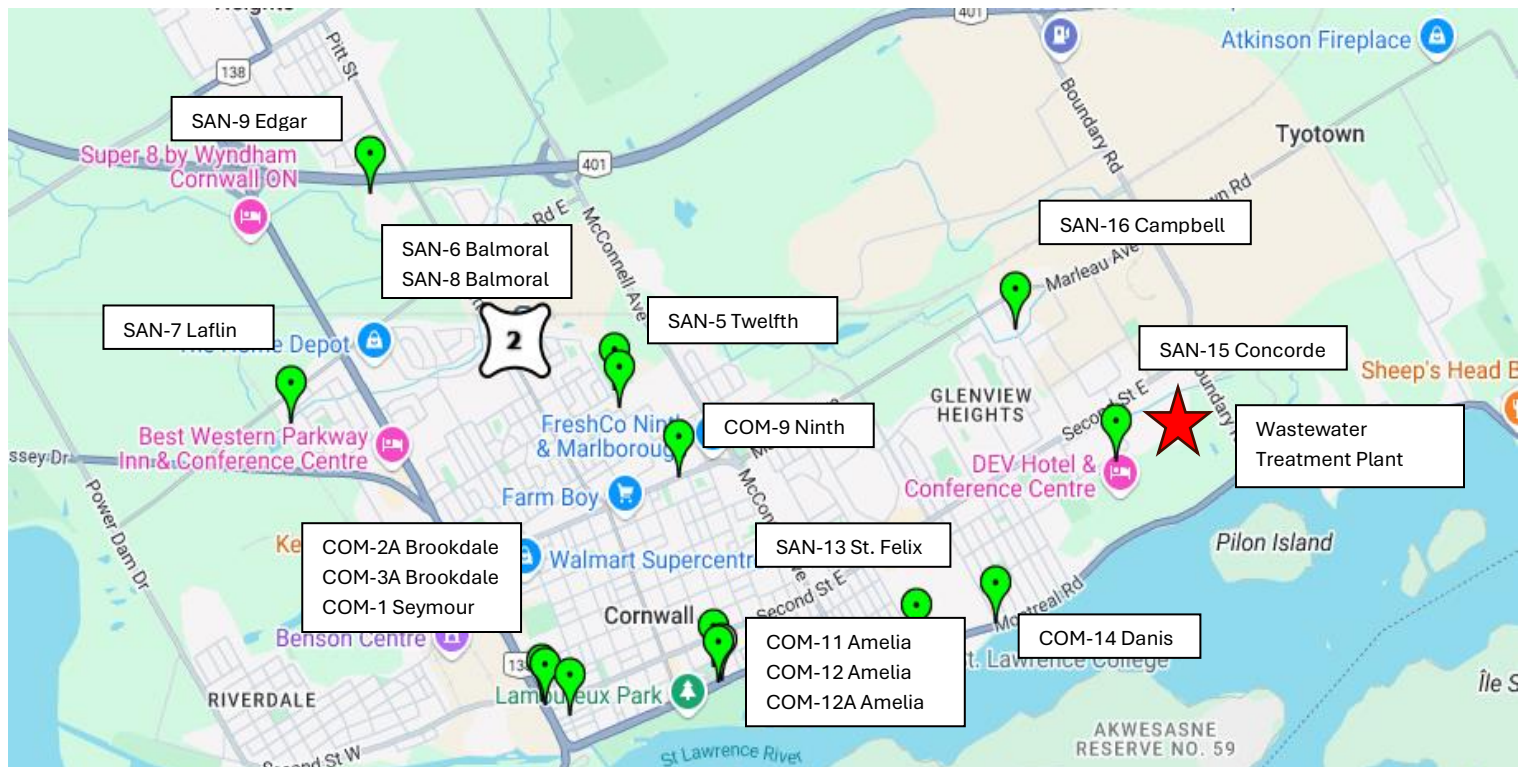


Figure 1: Flow Monitor Locations 2024

2.3. Flow Monitoring Data Analysis

See ***Appendix A: Flow Monitoring Data for 2024***

Average flow rates from 2024 were analyzed and compared to the previous 5 years to determine and observe any trends or changes within the Collection System as ongoing efforts to reduce CSOs, I&I and sewer surcharge, and prioritize areas for sewer separation projects and other future initiatives.

Rainfall volumes for the historic years were observed to see any trends in surface runoff and the average flows that were measured. (Weather Stats Canada, Environment and Climate Change Canada, n.d.)

Other variables that are considered are population growth, and the addition of new sewers and developments to the authorized system.

Table 2: Yearly Avg. Flow Rates (5 yrs.)

Site name	Yearly Average Flow (L/s)				
	2020	2021	2022	2023	2024
COM-1 Seymour	52.86	66.59	57.34	46.62	33.92
COM-2A Brookdale	122.84	111.34	110.92*	136.01	167.86
COM-3A Brookdale	101.51*	70.05	92.06*	60.47	58.96
COM-4 Ninth	89.21*	118.77	140.33	138.60	123.58
SAN-5 Twelfth	7.22	13.10	26.56	8.92	32.10*
SAN-6 Balmoral	25.14	29.88	26.99*	37.21	36.62
SAN-7 Laflin	12.60	15.79	16.80	22.65	6.72*
SAN-8 Balmoral	30.70*	37.60	32.68	49.59	39.34
SAN-9 Edgar	17.66*	29.06	23.88	26.01	25.96
COM-11 Amelia	18.15*	29.72	28.18	25.28*	23.63
SAN-12 Amelia	6.22*	7.15	10.40*	10.94	13.12
SAN-13 St. Felix	21.48*	21.52	22.43	17.37	28.40
COM-14 Danis	10.25*	9.65	11.11	17.01	15.67
SAN-15 Concorde	31.32*	37.77	36.81	51.67*	40.90*
SAN-16 Campbell	9.41*	13.68	3.23	8.10	13.03*
Yearly Rainfall (mm)	811.3	842.0	950.7	1017.3	829.7

* Data saw gaps due to monitor failure; accuracy of flow measurement may be affected.

3. Collection System Operating Issues, Maintenance and Calibration

As per section 4.6.4 and 4.6.5 of Schedule E, this section includes a summary of all operating issues, calibrations and any maintenance or remedial actions utilized to ensure proper function of the authorized system. The sewage collection system consists of sewers (piping, force mains, and maintenance holes, etc.), pumping stations, sewer overflow structures and the operating SCADA system.

3.1. Linear Infrastructure and Maintenance Holes

The City of Cornwall owns and operates 260 km of linear sewer infrastructure and 6.6 km of force-main sewer. Maintenance programs for 2024 included CCTV inspection, sewer flushing, point of interest (trouble spot) inspection and cleaning, spot repairs and sewer lateral inspections and cleaning.

Linear infrastructure maintenance program totals in 2024 included:

- Contracted Sewer CCTV Inspection: 9km
 - Contract 23-T47 (Carry Over 2023)
 - Contract 24-Y49
- Contracted Sewer Line Flushing and Cleaning: 9 km
 - Contract 23-T47 (Carry Over 2023)
 - Contract 24-Y49
- Sewer Line Inspection and Flushing (Internal): 481 Pipe Sections
- MH Maintenance and Repairs (Internal) 11 MHs
- Spot Repairs (Internal): 3
- Lateral Inspections and Maintenance (Internal): 65 Laterals
- Pump Station Inspections: 235

Maps showing contracted service maintenance areas are included in **Appendix B.1: Contracted Services**.

3.1.1. Linear Infrastructure and MH Issues and Repairs

There were 14 Issues and repairs made to the linear sewer system and MHs in 2024.

Operating issues that occurred regarding linear infrastructure and MHs can be found in **Appendix B.2: Sewage Collection System Operating Issues & Maintenance**.

3.2. Pumping Stations

The City of Cornwall operates 6 pumping stations and 1 main pumping station at the WWTP. Pump stations are inspected bi-monthly for proper function of the pumps, level indicating transmitters and floats, backup power generators and other components. Bi-annually, flow chambers and wet wells are fully emptied, cleaned and inspected, calibration of magnetic flow monitors.

In 2024, 235 inspections were carried out. 2024 Inspection records list can be found in **Appendix B.2: Sewage Collection System Operating Issues & Maintenance.**

3.2.1. Pumping Station Issues and Repairs

The following is a summary of any major operating issues or alterations that occurred in 2024 regarding City sewage pumping stations:

Table 3: Summary of Pump Station Issues

Pump Station	Operating Issue	Corrective Action
Harbour Rd.	Generator failure	Install temporary generator, retain contractor for repairs
Fennell Cres.	Pump failure	Dispatch crew, repair pump
Queen & James	Generator failure	Install temporary generator, retain contractor for repairs

3.3. CSO Points & Facilities

The city currently owns and maintains 3 CSO points and 1 CSO Control Facility.

- Pitt St. CSO
- Amelia St. CSO
- St. Lawrence Dr. CSO (Currently in process to being added to the Authorized System via Directors Notice)
- Brookdale Ave. CSO Control Facility

CSO structures and monitoring equipment are inspected annually by city staff and during contracted Flow Monitor maintenance, **See Table #1**. The CSO Control facility on Brookdale Av. is overseen and maintained by WWTP staff and has two inspection programs. An inspection for site evaluation and mechanical component operation is carried out monthly, and control system components inspection and flow monitor data collection is carried out on a semi-annual basis. Inspection records are kept and maintained by WWTP staff.

3.3.1. CSO Point Issues, Repairs and Alterations

No issues or remedial actions occurred in 2024.

New overflow alarms were installed at Pitt St. CSO, Amelia St. CSO and St. Lawrence Dr. CSO as part of improving tracking and monitoring of overflow events. It is planned in the future to utilize the overflow alarms to implement a real-time public reporting system that can be viewed on the City's webpage. The City intends to implement this system in 2025-2026.

3.3.2. Brookdale CSO Control Building issues, Repairs and Alterations

No issues occurred or remedial actions were required at the CSO Building in 2024

The existing flow monitoring system (as part of WWTP SCADA control system) currently in use within the CSO Building is planned to be integrated into the upcoming real-time CSO reporting system in 2025. This integration will help improve CSO monitoring, tracking and reporting CSO events.

3.4. Calibrations

Calibrations of monitoring equipment, including flow monitor equipment, CSO monitoring equipment, pumpstation flow monitoring equipment fall within the maintenance and inspections schedules outlined in previous subsections.

Calibration records can be made available upon request.

4. Complaint Summary

As per section 4.6.6 of Schedule E, this section summarizes any complaints received by the City regarding the Sewage Collection System through either the Cornwall Connect Request system or via phone/ in person complaint.

On August 9th, during a 15-Year storm event, the City received 31 calls regarding flooding involving the sewer collection system on both private and public property. City staff were dispatched to investigate the incidents and give assistance to residents.

The City received 49 calls regarding sewer lateral issues including both private and public property.

The City received 16 calls regarding “other” sewer issues.

Table 4: Breakdown of Collection System Complaints

Issue Type	# of Complaints	Typical Corrective Actions
Sewer Lateral Issue (Private or Public)	49	Clean and inspect lateral and main, report any private issues to property owner.
August 9 th Flooding Incident	31	Inspect nature of flooding, make recommendations to property owner
Other	16	Inspection via City staff, determine cause of the issue and responsibility
Total	96	

5. Collection System Alterations

As per section 4.6.7 of Schedule E, this section summarizes any alterations to the Sewage Collection System that were initiated or completed in 2024. Including sewer reconstruction, sewer separation, new development additions and any alterations to existing pump stations or other collection system components.

5.1. Reconstruction & Rehabilitation Projects

Reconstruction and sewer separation involve replacing existing combined sewers with new storm sewers and sanitary sewers, reducing the amount of CSO events, STP bypass overflows and sewer surcharges, and updates the Sewer Collection System to ensure efficiency, proper function and operation. The projects listed are associated with an appropriate SS1 and/or SS2 record for pre-authorized alteration of the Sewage Collection System.

The City separated and replaced 982 m of combined sewer with new sanitary sewer.

Table 5: Reconstruction & Rehabilitation Projects 2024

Location	Project Type	Benefits to Collection System.	Status	Source/ Drinking Water Risk
First St. – Marlborough St. to Lawrence Av.	Reconstruction	124 m of sewer separation, install new sanitary sewer, remove existing combined sewer	Complete	No
Lawrence Av. – Montreal Rd. to Second St.	Reconstruction	280 m of sewer separation, install new sanitary sewer, remove existing combined sewer	Ongoing	No
Fifth St. – Marlborough S. to McConnell Av.	Reconstruction	338 m of sewer separation, install new sanitary sewer, remove existing combined sewer	Complete	No
Guy St. – Walton St. to Easton	Reconstruction	155 m of sewer separation, install new sanitary sewer, remove existing combined sewer	Complete	No
Walton St. – Alice St. to Guy St.	Reconstruction	85 m of sewer separation, install new sanitary sewer	Complete	No

5.2. Additions and New Developments

Additions to the authorized system include infrastructure expansion (to accommodate new roadway expansion and site/ zoning development) or assumption of completed development projects. The projects listed below are associated with an appropriate SS1 and/or SS2 record for pre-authorized alteration of the Sewage Collection System.

In 2024, the City added over 1.7 km of new sanitary sewer to the authorized system through development assumptions.

Table 6: Additions to the Authorized System 2024

Project Names/ Developments	Type of Addition	Components added to Authorized System	Source/ Drinking Water Risk
Bellwood Subdivision Ph. 4	Assumption	460 m of sanitary sewer	No
Eastridge Subdivision Ph. 7	Assumption	644 m of sanitary sewer	No
Eastridge Subdivision Ph. 8	Assumption	578 m of sanitary sewer	No
Baldwin Avenue Subdivision	Assumption	55 m of sanitary sewer	No

5.3. Pump Station Alterations

Alterations are regularly made to existing pump stations to improve performance, update components and maintain working order to ensure proper operation and function

In 2024, the City proceeded with 2 alterations to the pumping stations as follows:

Table 7: Pump Station Alterations 2024

Pump Station	Alteration	Status
All Stations	Installation of security cameras	Complete
Harbour SPS, and Queen and James SPS	Generator fuel line upgrades and spill containment	Ongoing

5.4. Significant Drinking Water Threats

No significant drinking water threats were identified with any 2024 alterations or additions to the authorized system.

6. Sewer Overflow & Spill Summary

As per section 4.6.8 of Schedule E, this section summarizes any CSO events or other spills affecting the sewage collection system that occurred in 2024.

11 CSO events in total were observed and reported to the Spills Action Center (SAC) and the Eastern Ontario Health Unit (EOHU) pursuant to *O.Reg 675/98* and part X of the *Environmental Protection Act* and in accordance with section 3.3 of Schedule E of the CLI-ECA . CSO and STP bypass spills are discharged to St. Lawrence River. 2024 saw an average CSO flow volumes of 4721 m³ per event with one large outlier event (15-Year Storm) on Aug. 9th that saw 60,426 m³.

Table 8: CSO Events 2024

CSO Event #	SAC REF #	Date	Location	Duration (hrs)	Daily Flow (m ³ /day)	CSO Volume (m ³)	Reason Code
1	1-4KPTTV	Jan. 10	Brookdale	9.88	99,949	3,220	1,2
2	1-7FG4QY	June 6	Brookdale	1.22	45,515	989	1
3	1-7XQXJ7	June 20	Brookdale	1.40	41,095	281	1
4	1-819OOZ	June 23	Brookdale	10.07	92,585	6,662	1
5	1-9AIPWI	July 24	Brookdale	3.14	65,500	5,776	1
6	1-9QHNID	Aug. 9-10	Brookdale	33.94	113,650	60,426	1
7	1-9QHNNJY	Aug. 9	Pumphouse	0.01	113,650	1	1, 6
8	1-9RM1SO	Aug. 9-10	Pumphouse	8.38	113,650	5,891	1
9	1-9ZHG6J	Aug. 19	Brookdale	4.22	107,243	7,257	1
10	1-A30DKG	Aug. 21	Brookdale	13.12	100,440	6,959	1
11	1-AF1PGM	Sept. 1	Brookdale	0.79	54,609	175	1
Reason Codes: 1 = Heavy Precipitation 2 = Snow Melt 3 = Equipment Failure 4 = Equipment Maintenance 5 = Sewer Problems 6 = Power Failure 7 = Exceed Design Capacity 0 = Other							

Currently, the Ministry has not released its publication establishing CSO monitoring guidance for sampling of CSO effluent and determining contaminant concentrations. Due to this, the City has no data at this time pertaining to section 3.4 of Schedule E.

7. Future Initiatives to Improve the Authorized System

The City continues its efforts to reduce Collection System Overflows, WWTP Overflows, sewer surcharges and follow the MECP's F-5-5 objectives for "Treatment for Municipal and Private Sewage Treatment Works Discharging to Surface Waters". These efforts are to improve the authorized system's efficiency and mitigate its impact on the natural environment. The following is an overview of the future efforts in pursuing these objectives as recommended in the City's latest Pollution Prevention Control Plan (2020 Update):

- Continuation of reconstruction projects and combined sewer separation
- Implementation of the Water Meter Program and promotion of water conservation to reduce the amount of treated water discharged to the collection system and being treated at WWTP
- Implement new CLI-ECA requirements on new development applications

Other improvement initiatives for the authorized system in 2025 and the future include:

- Upgrades to the SCADA network to improve pump station monitoring and function
- Engineering Consultation for the assessment of the condition of existing backup generators at Harbour and Queen and James pump stations
- Real-time CSO monitoring and public reporting
- Installing information signage at all CSO outflows

Works Cited

Weather Stats Canada, Environment and Climate Change Canada. (n.d.).

Rainfall - Annual data seasonal (25 years). Retrieved from Weather Stats Canada:

<https://cornwall.weatherstats.ca/charts/rain-yearly.html>

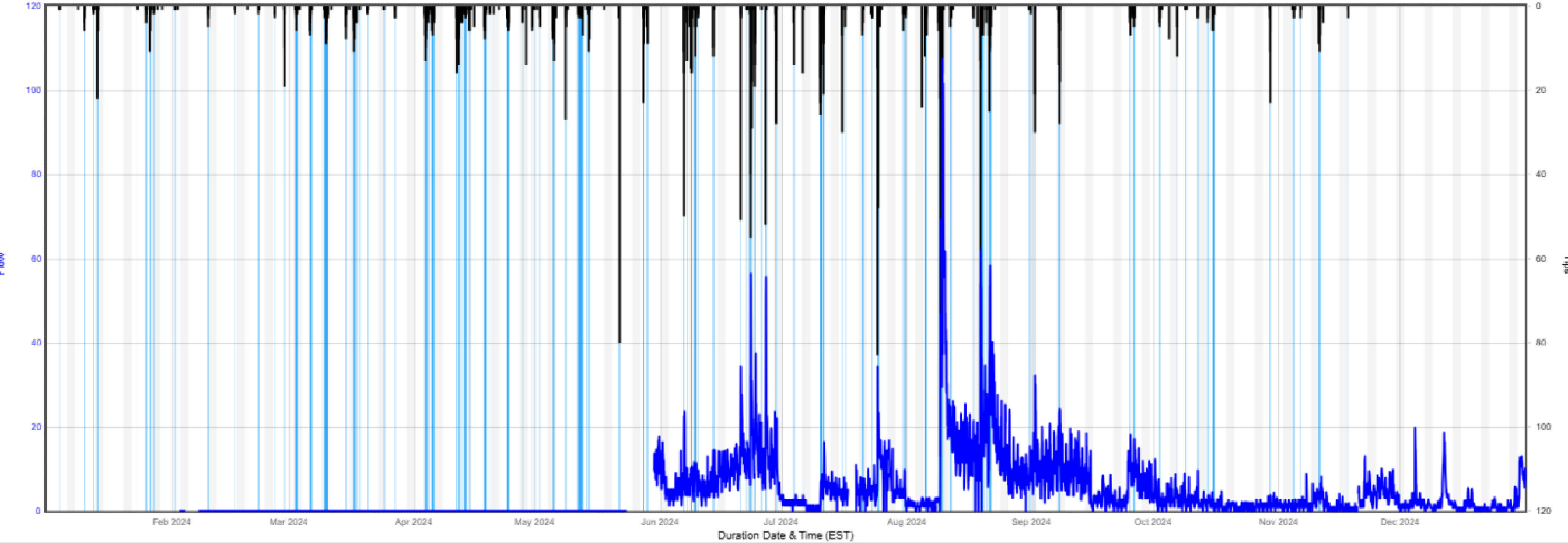
Appendix A: Flow Monitoring Data

Appendix B: Collection System Operating issues and Maintenance Records

Appendix C: Authorized System Map

Appendix A: Flow Monitoring Data

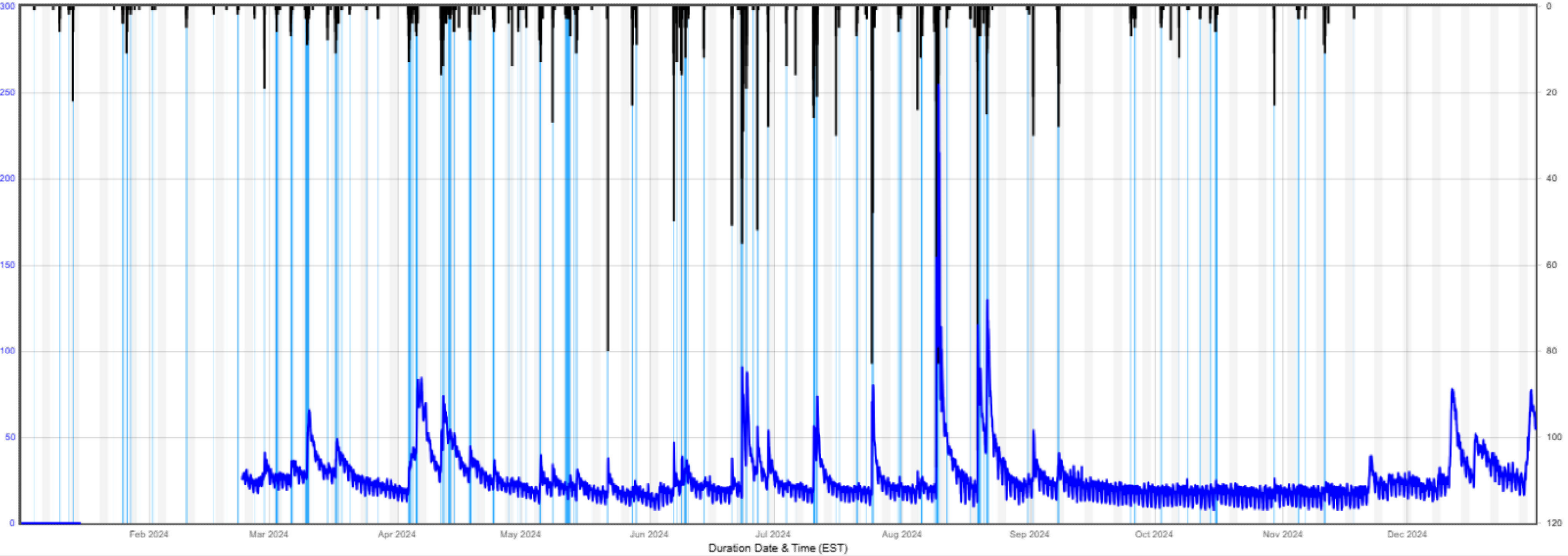
Appendix A: 2024 Flow Monitoring Data



Type:	Maximum Depth(mm)	Minimum Depth(mm)	Average Depth(mm)	Maximum Velocity(m/s)	Minimum Velocity(m/s)	Average Velocity(m/s)	Maximum Flow(l/s)	Minimum Flow(l/s)	Average Flow(l/s)
Value:	0	0	NaN	0	0	NaN	107.39	0.69	6.59
Date:	n/a	n/a	---	n/a	n/a	---	08/09/2024	12/06/2024	---
Time:	n/a	n/a	---	n/a	n/a	---	17:00	06:00	---

Type:	Maximum pH	Minimum pH	Average pH
Value:	0	0	NaN
Date:	n/a	n/a	---
Time:	n/a	n/a	---

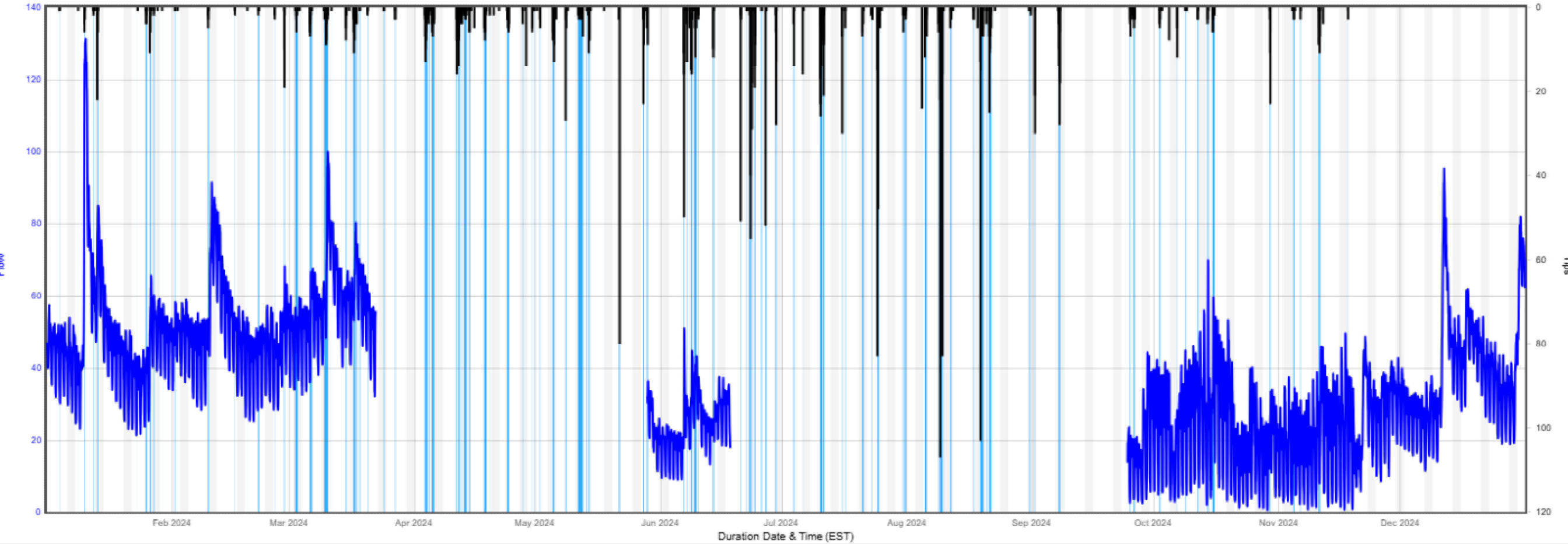
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Type:	Maximum Depth(mm)	Minimum Depth(mm)	Average Depth(mm)	Maximum Velocity(m/s)	Minimum Velocity(m/s)	Average Velocity(m/s)	Maximum Flow(l/s)	Minimum Flow(l/s)	Average Flow(l/s)
Value:	0	0	NaN	0	0	NaN	254.47	7.69	25.96
Date:	n/a	n/a	---	n/a	n/a	---	08/09/2024	10/15/2024	---
Time:	n/a	n/a	---	n/a	n/a	---	17:00	05:00	---

Type:	Maximum pH	Minimum pH	Average pH
Value:	0	0	NaN
Date:	n/a	n/a	---
Time:	n/a	n/a	---

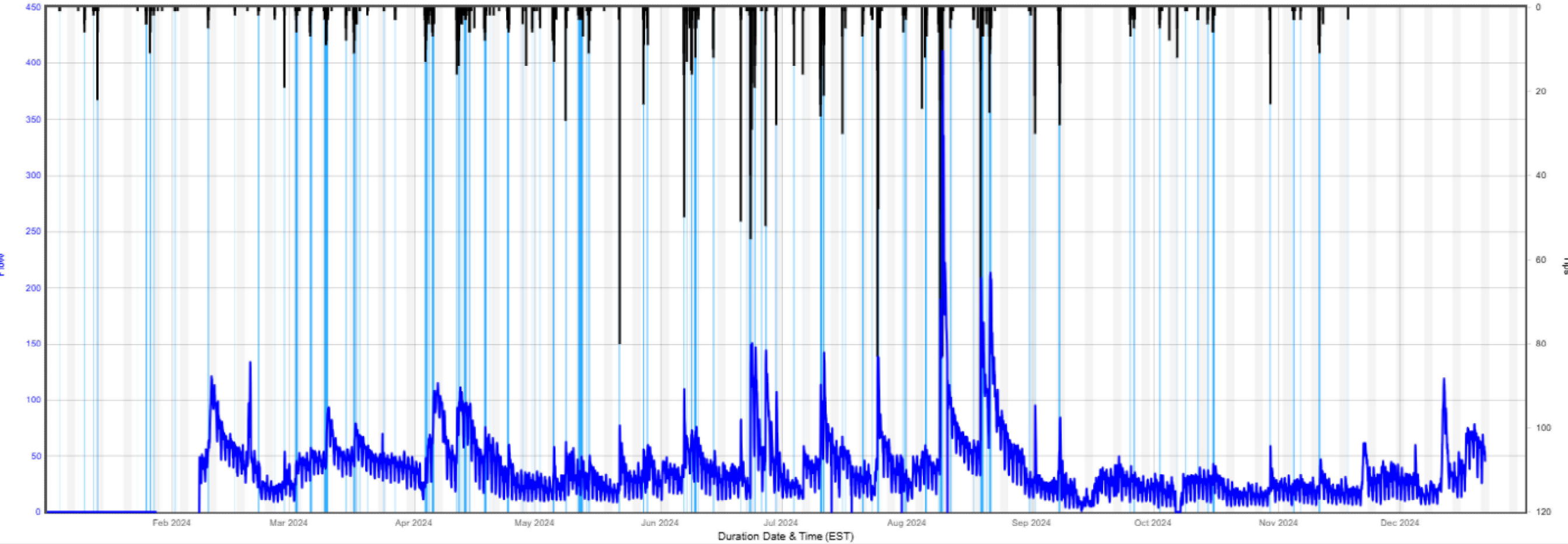
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Type:	Maximum Depth(mm)	Minimum Depth(mm)	Average Depth(mm)	Maximum Velocity(m/s)	Minimum Velocity(m/s)	Average Velocity(m/s)	Maximum Flow(l/s)	Minimum Flow(l/s)	Average Flow(l/s)
Value:	0	0	NaN	0	0	NaN	131.12	0.51	36.57
Date:	n/a	n/a	---	n/a	n/a	---	01/10/2024	10/29/2024	---
Time:	n/a	n/a	---	n/a	n/a	---	15:00	04:00	---

Type:	Maximum pH	Minimum pH	Average pH
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Date:	n/a	n/a	---
Time:	n/a	n/a	---

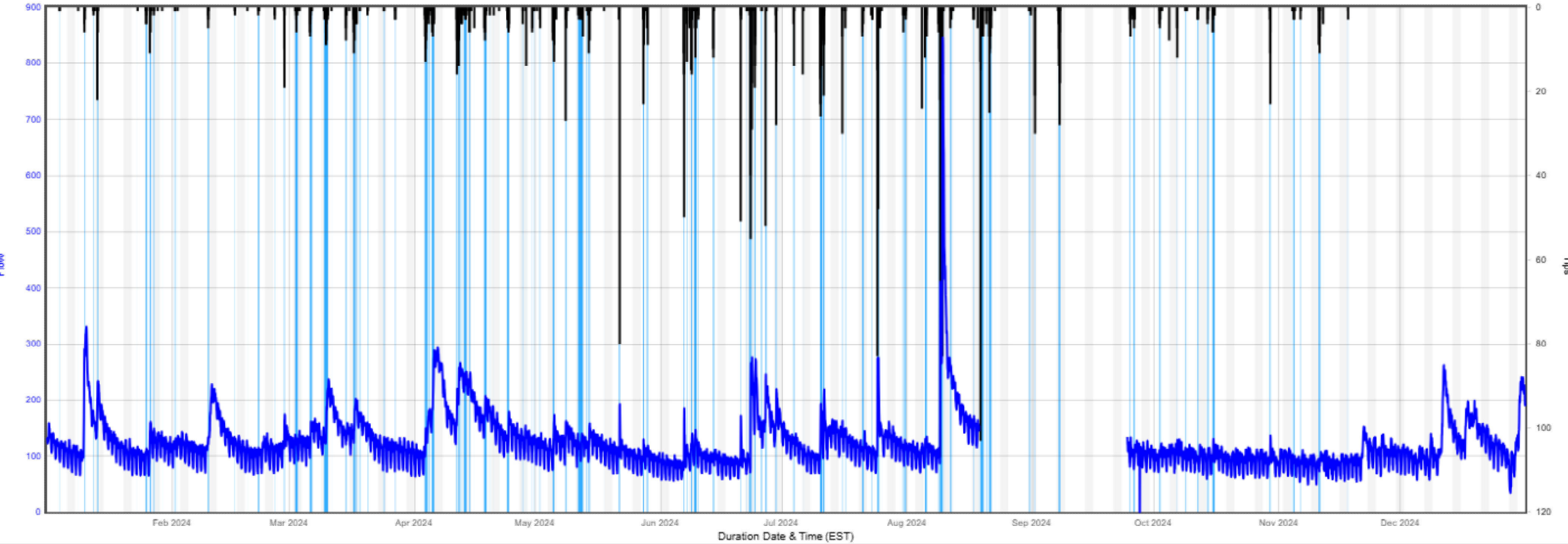
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Type:	Maximum Depth(mm)	Minimum Depth(mm)	Average Depth(mm)	Maximum Velocity(m/s)	Minimum Velocity(m/s)	Average Velocity(m/s)	Maximum Flow(l/s)	Minimum Flow(l/s)	Average Flow(l/s)
Value:	0	0	NaN	0	0	NaN	410.86	0.93	39.12
Date:	n/a	n/a	---	n/a	n/a	---	08/09/2024	09/13/2024	---
Time:	n/a	n/a	---	n/a	n/a	---	19:00	04:00	---

Type:	Maximum pH	Minimum pH	Average pH
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Date:	n/a	n/a	---
Time:	n/a	n/a	---

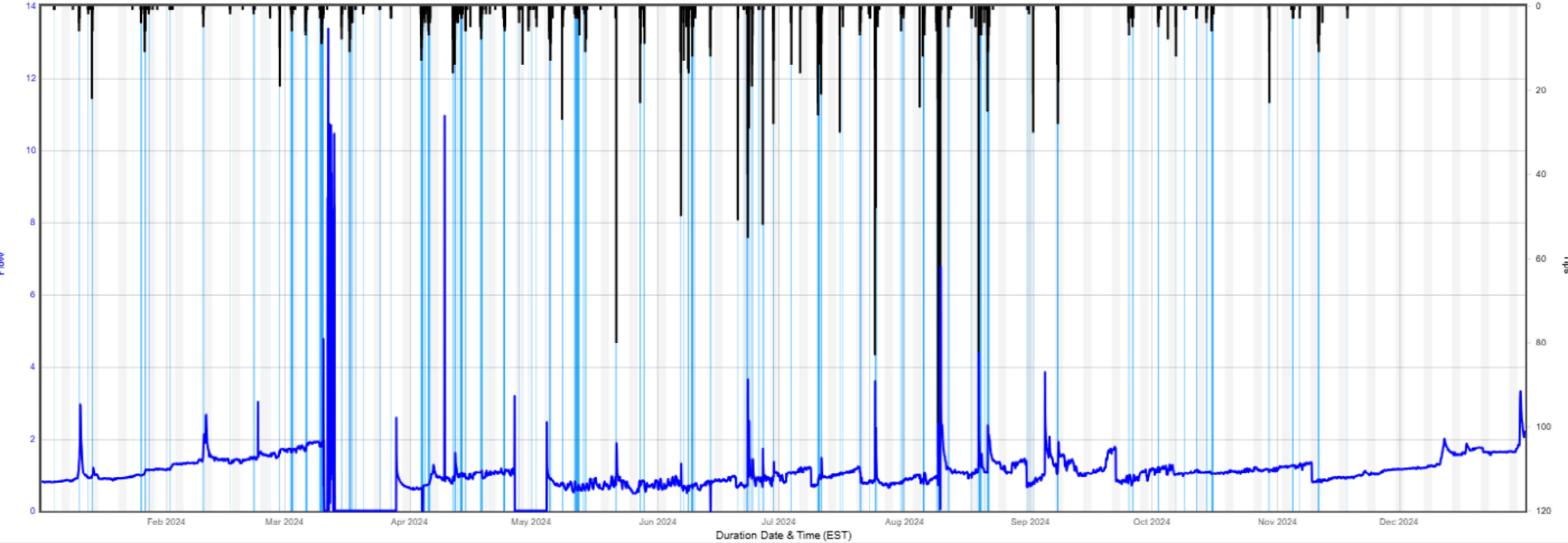
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Type:	Maximum Depth(mm)	Minimum Depth(mm)	Average Depth(mm)	Maximum Velocity(m/s)	Minimum Velocity(m/s)	Average Velocity(m/s)	Maximum Flow(l/s)	Minimum Flow(l/s)	Average Flow(l/s)
Value:	0	0	NaN	0	0	NaN	845.22	34.44	123.58
Date:	n/a	n/a	---	n/a	n/a	---	08/09/2024	12/28/2024	---
Time:	n/a	n/a	---	n/a	n/a	---	19:00	08:00	---

Type:	Maximum pH	Minimum pH	Average pH
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Date:	n/a	n/a	---
Time:	n/a	n/a	---

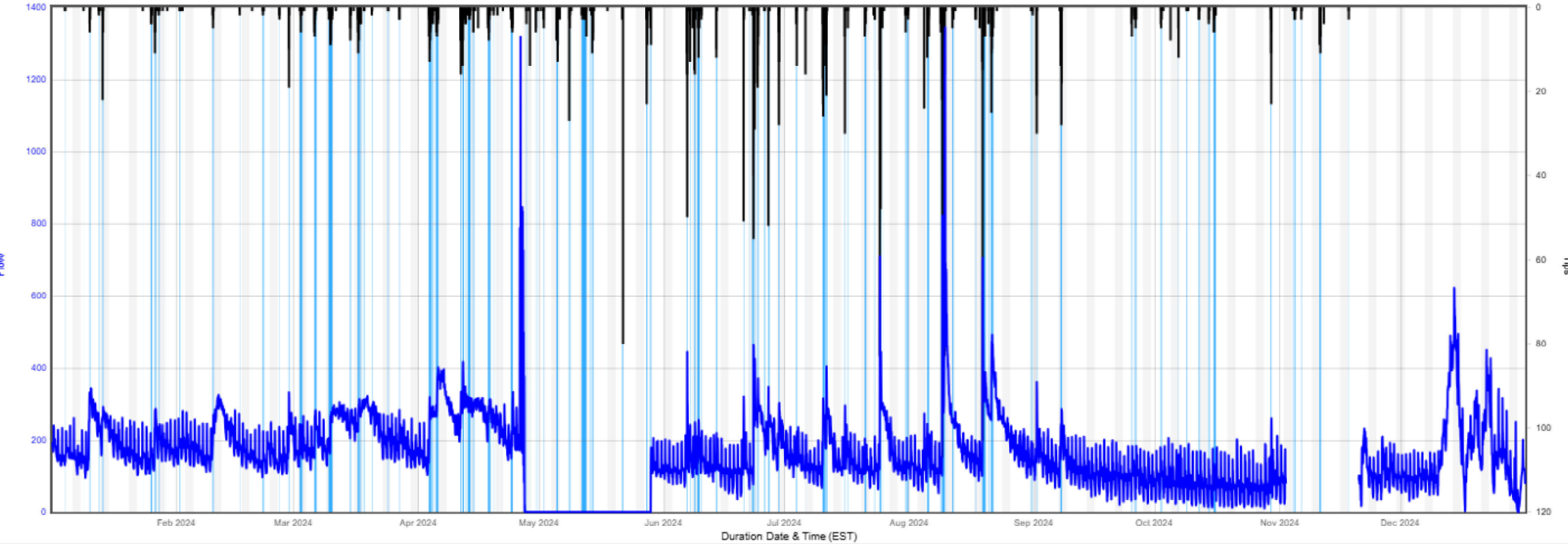
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Type:	Maximum Depth(mm)	Minimum Depth(mm)	Average Depth(mm)	Maximum Velocity(m/s)	Minimum Velocity(m/s)	Average Velocity(m/s)	Maximum Flow(l/s)	Minimum Flow(l/s)	Average Flow(l/s)
Value:	0	0	NaN	0	0	NaN	13.37	0.01	1.14
Date:	n/a	n/a	---	n/a	n/a	---	03/11/2024	03/28/2024	---
Time:	n/a	n/a	---	n/a	n/a	---	18:00	12:00	---

Type:	Maximum pH	Minimum pH	Average pH
Value:	0	0	NaN
Date:	n/a	n/a	---
Time:	n/a	n/a	---

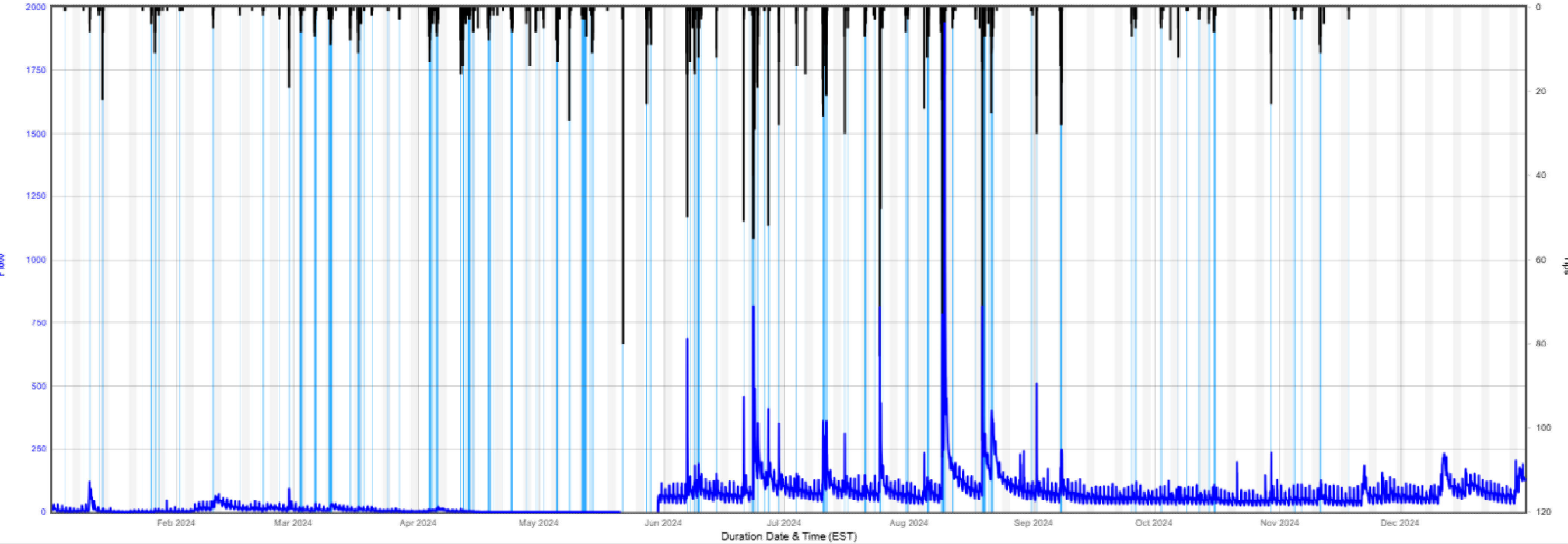
Show Table



Type:	Maximum Depth(mm)	Minimum Depth(mm)	Average Depth(mm)	Maximum Velocity(m/s)	Minimum Velocity(m/s)	Average Velocity(m/s)	Maximum Flow(l/s)	Minimum Flow(l/s)	Average Flow(l/s)
Value:	0	0	NaN	0	0	NaN	1343.92	0.02	167.86
Date:	n/a	n/a	---	n/a	n/a	---	08/09/2024	04/27/2024	---
Time:	n/a	n/a	---	n/a	n/a	---	20:00	18:00	---

Type:	Maximum pH	Minimum pH	Average pH
Value:	0	0	NaN
Date:	n/a	n/a	---
Time:	n/a	n/a	---

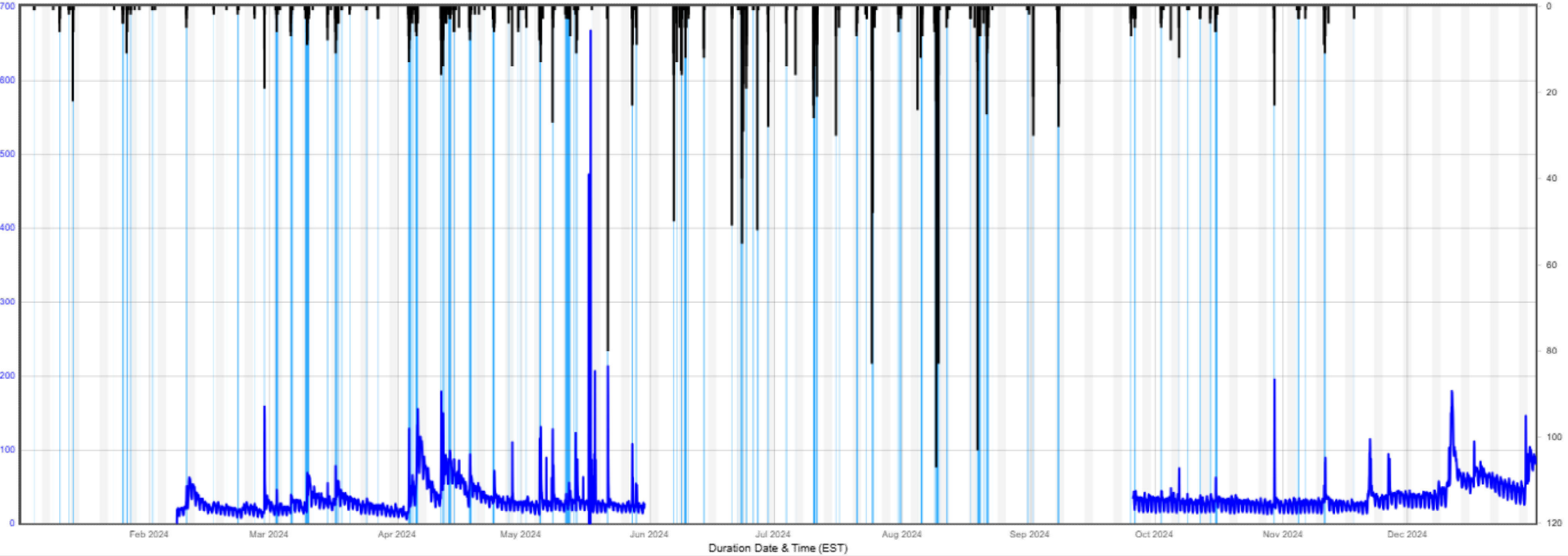
Show Table



Type:	Maximum Depth(mm)	Minimum Depth(mm)	Average Depth(mm)	Maximum Velocity(m/s)	Minimum Velocity(m/s)	Average Velocity(m/s)	Maximum Flow(l/s)	Minimum Flow(l/s)	Average Flow(l/s)
Value:	0	0	NaN	0	0	NaN	1935.63	0.25	58.96
Date:	n/a	n/a	---	n/a	n/a	---	08/09/2024	01/22/2024	---
Time:	n/a	n/a	---	n/a	n/a	---	17:00	03:00	---

Type:	Maximum pH	Minimum pH	Average pH
Value:	0	0	NaN
Date:	n/a	n/a	---
Time:	n/a	n/a	---

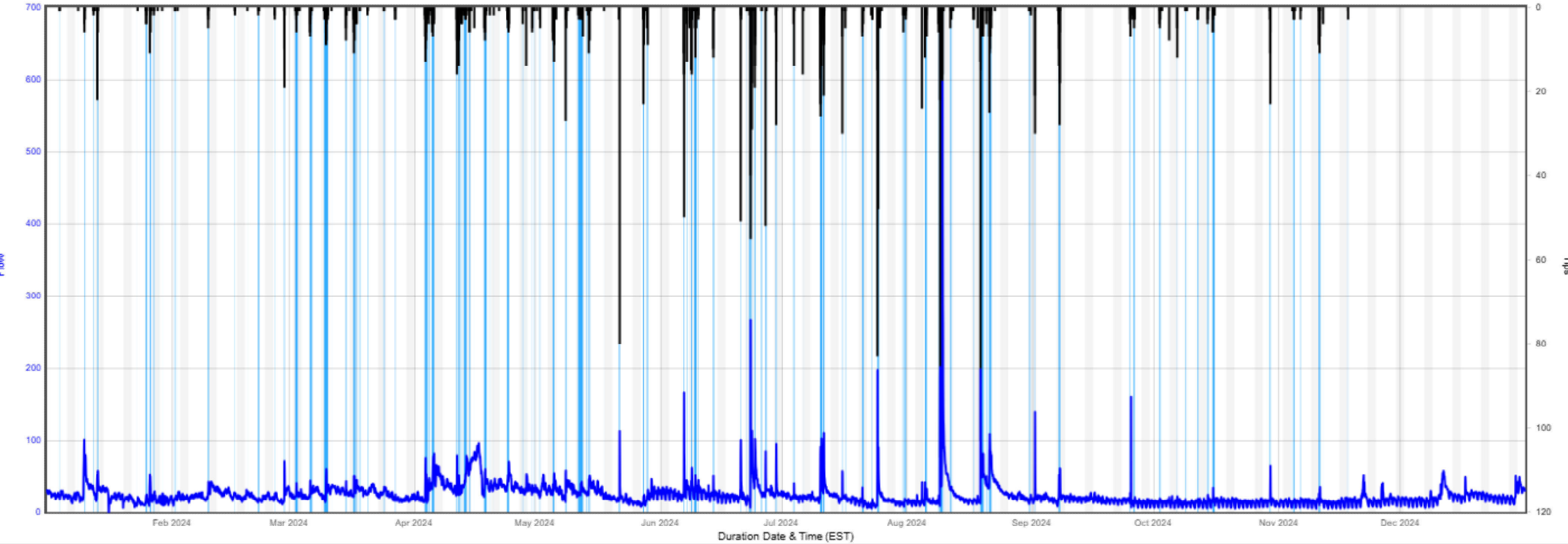
Show Table



Type:	Maximum Depth(mm)	Minimum Depth(mm)	Average Depth(mm)	Maximum Velocity(m/s)	Minimum Velocity(m/s)	Average Velocity(m/s)	Maximum Flow(l/s)	Minimum Flow(l/s)	Average Flow(l/s)
Value:	0	0	NaN	0	0	NaN	666.94	5.23	33.92
Date:	n/a	n/a	---	n/a	n/a	---	05/17/2024	04/03/2024	---
Time:	n/a	n/a	---	n/a	n/a	---	15:00	04:00	---

Type:	Maximum pH	Minimum pH	Average pH
Value:	0	0	NaN
Date:	n/a	n/a	---
Time:	n/a	n/a	---

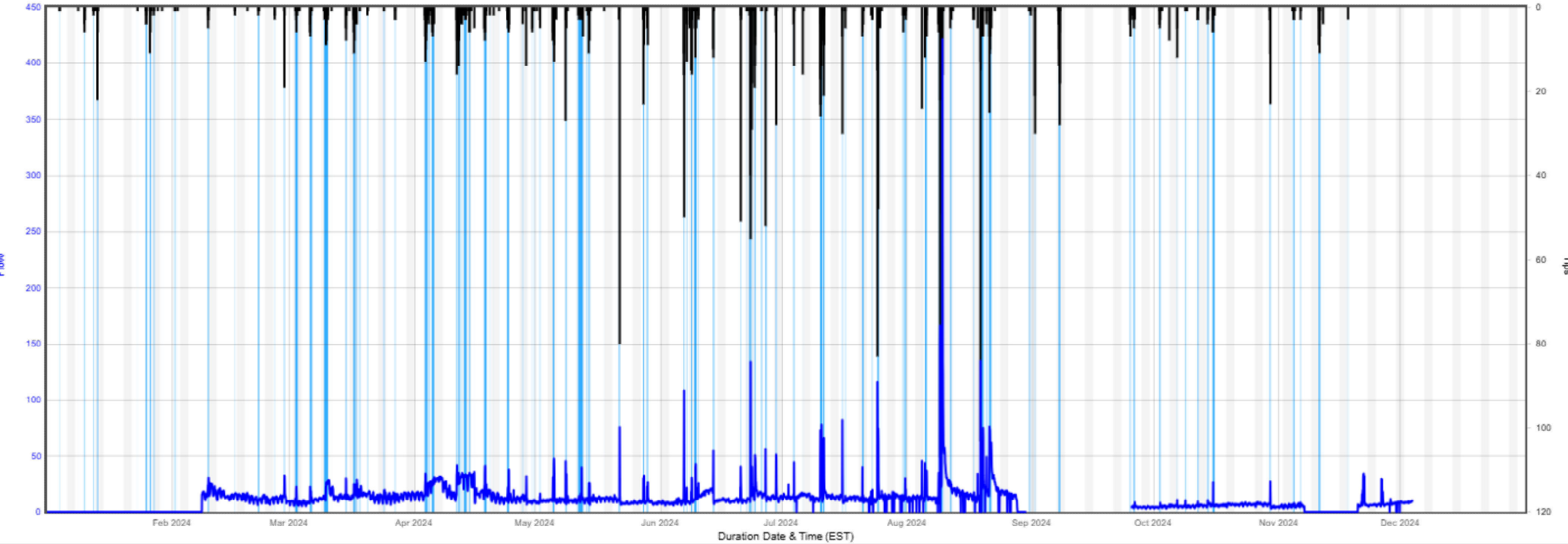
Show Table



Type:	Maximum Depth(mm)	Minimum Depth(mm)	Average Depth(mm)	Maximum Velocity(m/s)	Minimum Velocity(m/s)	Average Velocity(m/s)	Maximum Flow(l/s)	Minimum Flow(l/s)	Average Flow(l/s)
Value:	0	0	NaN	0	0	NaN	597.25	4.73	23.57
Date:	n/a	n/a	---	n/a	n/a	---	08/09/2024	11/13/2024	---
Time:	n/a	n/a	---	n/a	n/a	---	17:00	05:00	---

Type:	Maximum pH	Minimum pH	Average pH
Value:	0	0	NaN
Date:	n/a	n/a	---
Time:	n/a	n/a	---

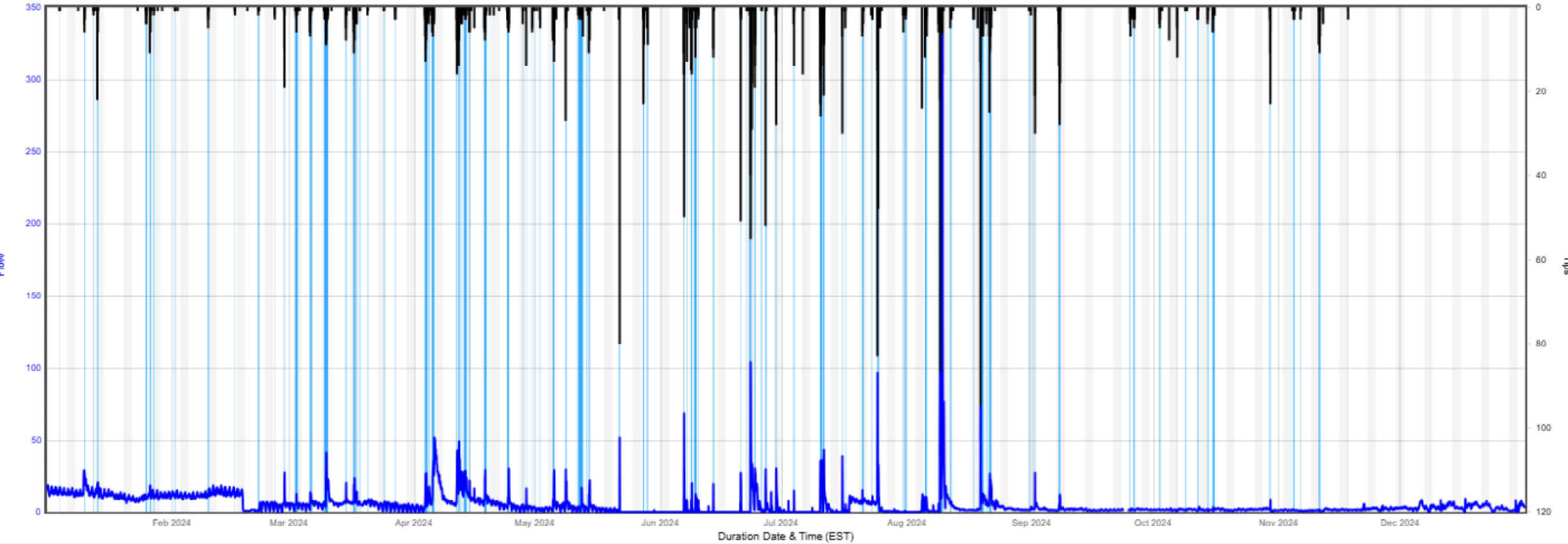
Show Table



Type:	Maximum Depth(mm)	Minimum Depth(mm)	Average Depth(mm)	Maximum Velocity(m/s)	Minimum Velocity(m/s)	Average Velocity(m/s)	Maximum Flow(l/s)	Minimum Flow(l/s)	Average Flow(l/s)
Value:	0	0	NaN	0	0	NaN	421.25	1.67	13.12
Date:	n/a	n/a	---	n/a	n/a	---	08/09/2024	08/28/2024	---
Time:	n/a	n/a	---	n/a	n/a	---	17:00	06:00	---

Type:	Maximum pH	Minimum pH	Average pH
Value:	0	0	NaN
Date:	n/a	n/a	---
Time:	n/a	n/a	---

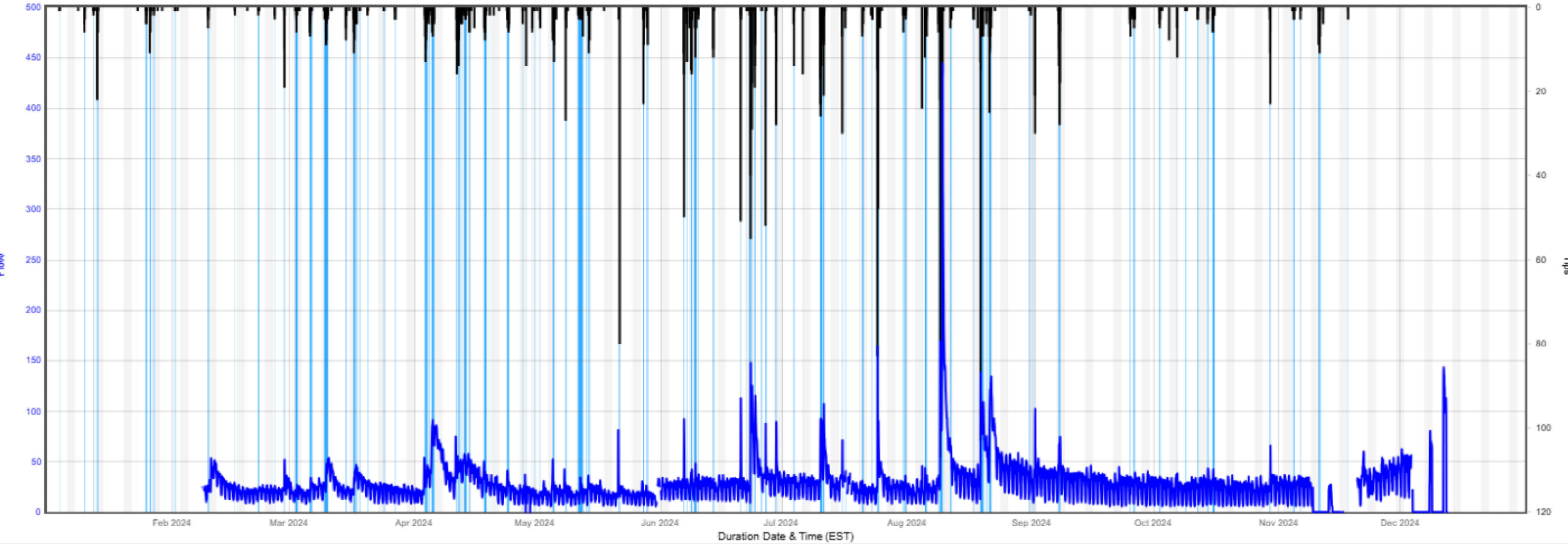
Show Table



Type:	Maximum Depth(mm)	Minimum Depth(mm)	Average Depth(mm)	Maximum Velocity(m/s)	Minimum Velocity(m/s)	Average Velocity(m/s)	Maximum Flow(l/s)	Minimum Flow(l/s)	Average Flow(l/s)
Value:	0	0	NaN	0	0	NaN	330.97	0.07	5.71
Date:	n/a	n/a	---	n/a	n/a	---	08/09/2024	12/16/2024	---
Time:	n/a	n/a	---	n/a	n/a	---	17:00	22:00	---

Type:	Maximum pH	Minimum pH	Average pH
Value:	0	0	NaN
Date:	n/a	n/a	---
Time:	n/a	n/a	---

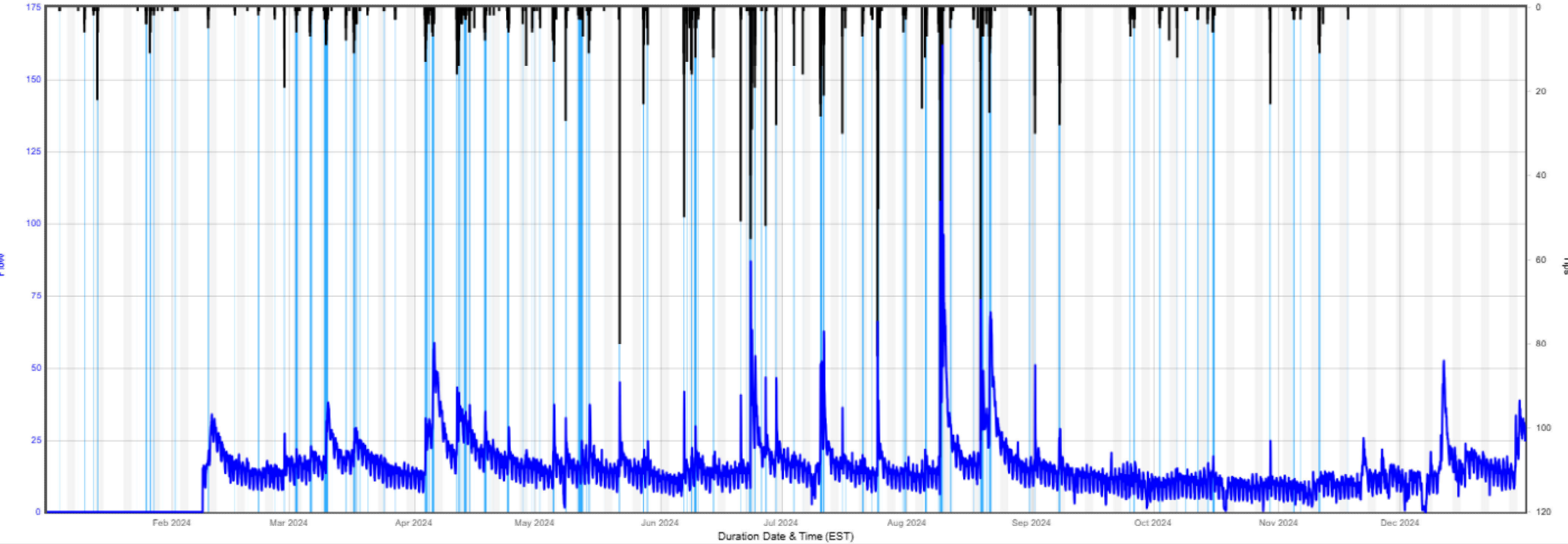
Show Table



Type:	Maximum Depth(mm)	Minimum Depth(mm)	Average Depth(mm)	Maximum Velocity(m/s)	Minimum Velocity(m/s)	Average Velocity(m/s)	Maximum Flow(l/s)	Minimum Flow(l/s)	Average Flow(l/s)
Value:	0	0	NaN	0	0	NaN	443.91	0.35	28.40
Date:	n/a	n/a	---	n/a	n/a	---	08/09/2024	11/14/2024	---
Time:	n/a	n/a	---	n/a	n/a	---	18:00	06:00	---

Type:	Maximum pH	Minimum pH	Average pH
Value:	0	0	NaN
Date:	n/a	n/a	---
Time:	n/a	n/a	---

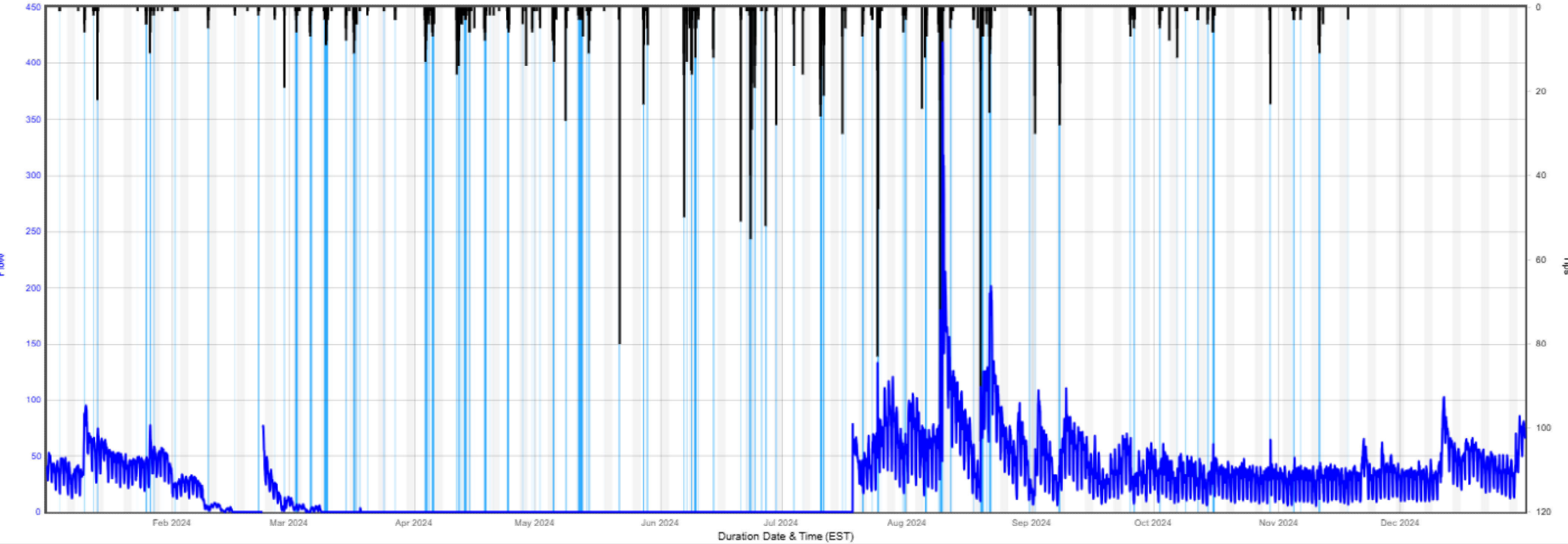
Show Table



Type:	Maximum Depth(mm)	Minimum Depth(mm)	Average Depth(mm)	Maximum Velocity(m/s)	Minimum Velocity(m/s)	Average Velocity(m/s)	Maximum Flow(l/s)	Minimum Flow(l/s)	Average Flow(l/s)
Value:	0	0	NaN	0	0	NaN	161.81	0.4	15.67
Date:	n/a	n/a	---	n/a	n/a	---	08/09/2024	10/28/2024	---
Time:	n/a	n/a	---	n/a	n/a	---	17:00	03:00	---

Type:	Maximum pH	Minimum pH	Average pH
Value:	0	0	NaN
Date:	n/a	n/a	---
Time:	n/a	n/a	---

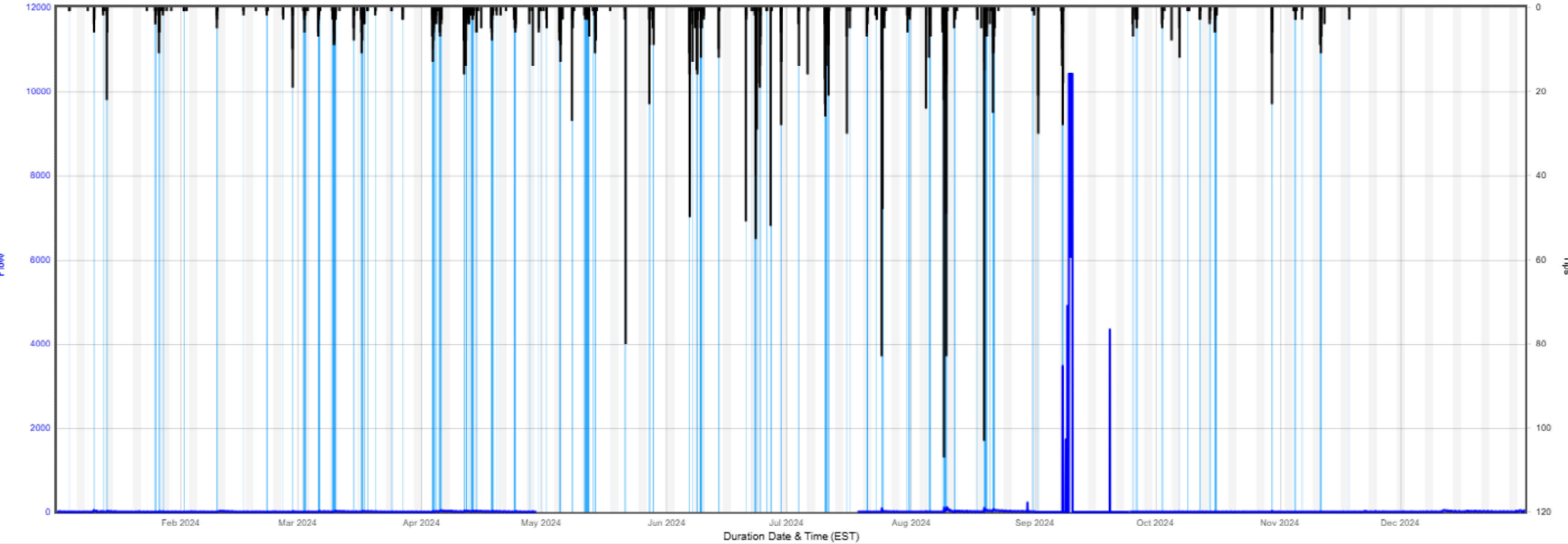
Show Table



Type:	Maximum Depth(mm)	Minimum Depth(mm)	Average Depth(mm)	Maximum Velocity(m/s)	Minimum Velocity(m/s)	Average Velocity(m/s)	Maximum Flow(l/s)	Minimum Flow(l/s)	Average Flow(l/s)
Value:	0	0	NaN	0	0	NaN	418.48	0.01	40.90
Date:	n/a	n/a	---	n/a	n/a	---	08/09/2024	02/14/2024	---
Time:	n/a	n/a	---	n/a	n/a	---	18:00	03:00	---

Type:	Maximum pH	Minimum pH	Average pH
Value:	0	0	NaN
Date:	n/a	n/a	---
Time:	n/a	n/a	---

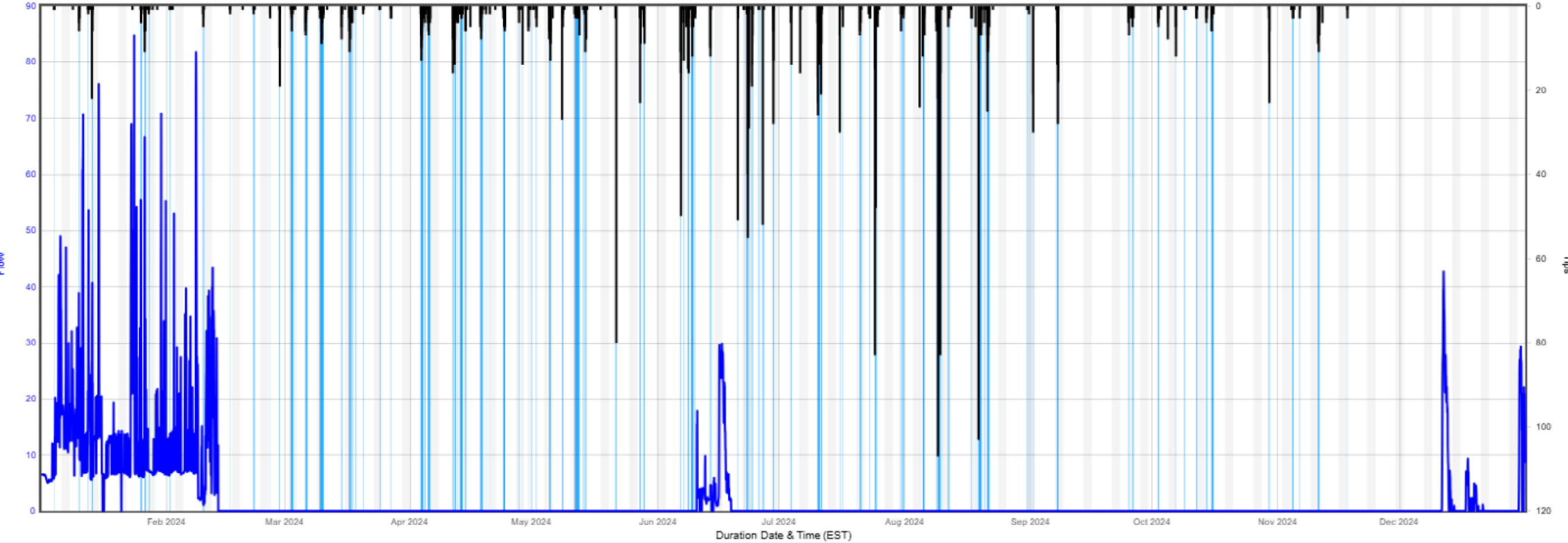
Show Table



Type:	Maximum Depth(mm)	Minimum Depth(mm)	Average Depth(mm)	Maximum Velocity(m/s)	Minimum Velocity(m/s)	Average Velocity(m/s)	Maximum Flow(l/s)	Minimum Flow(l/s)	Average Flow(l/s)
Value:	0	0	NaN	0	0	NaN	10417.34	0.01	48.10
Date:	n/a	n/a	---	n/a	n/a	---	09/09/2024	09/08/2024	---
Time:	n/a	n/a	---	n/a	n/a	---	06:00	12:00	---

Type:	Maximum pH	Minimum pH	Average pH
Value:	0	0	NaN
Date:	n/a	n/a	---
Time:	n/a	n/a	---

Show Table



Type:	Maximum Depth(mm)	Minimum Depth(mm)	Average Depth(mm)	Maximum Velocity(m/s)	Minimum Velocity(m/s)	Average Velocity(m/s)	Maximum Flow(l/s)	Minimum Flow(l/s)	Average Flow(l/s)
Value:	0	0	NaN	0	0	NaN	84.79	0.03	13.03
Date:	n/a	n/a	---	n/a	n/a	---	01/23/2024	12/13/2024	---
Time:	n/a	n/a	---	n/a	n/a	---	21:00	21:00	---

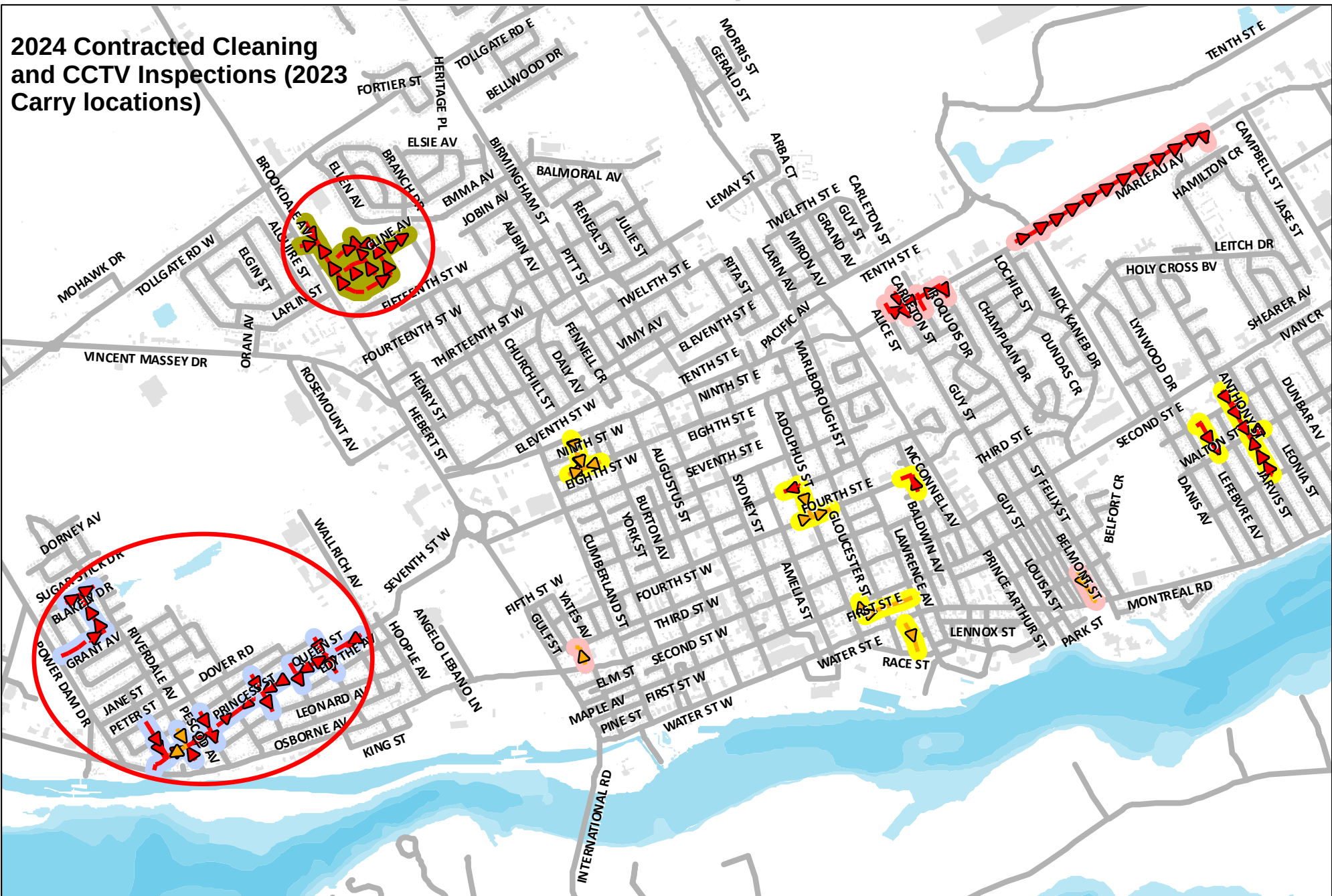
Type:	Maximum pH	Minimum pH	Average pH
Value:	0	0	NaN
Date:	n/a	n/a	---
Time:	n/a	n/a	---

Show Table

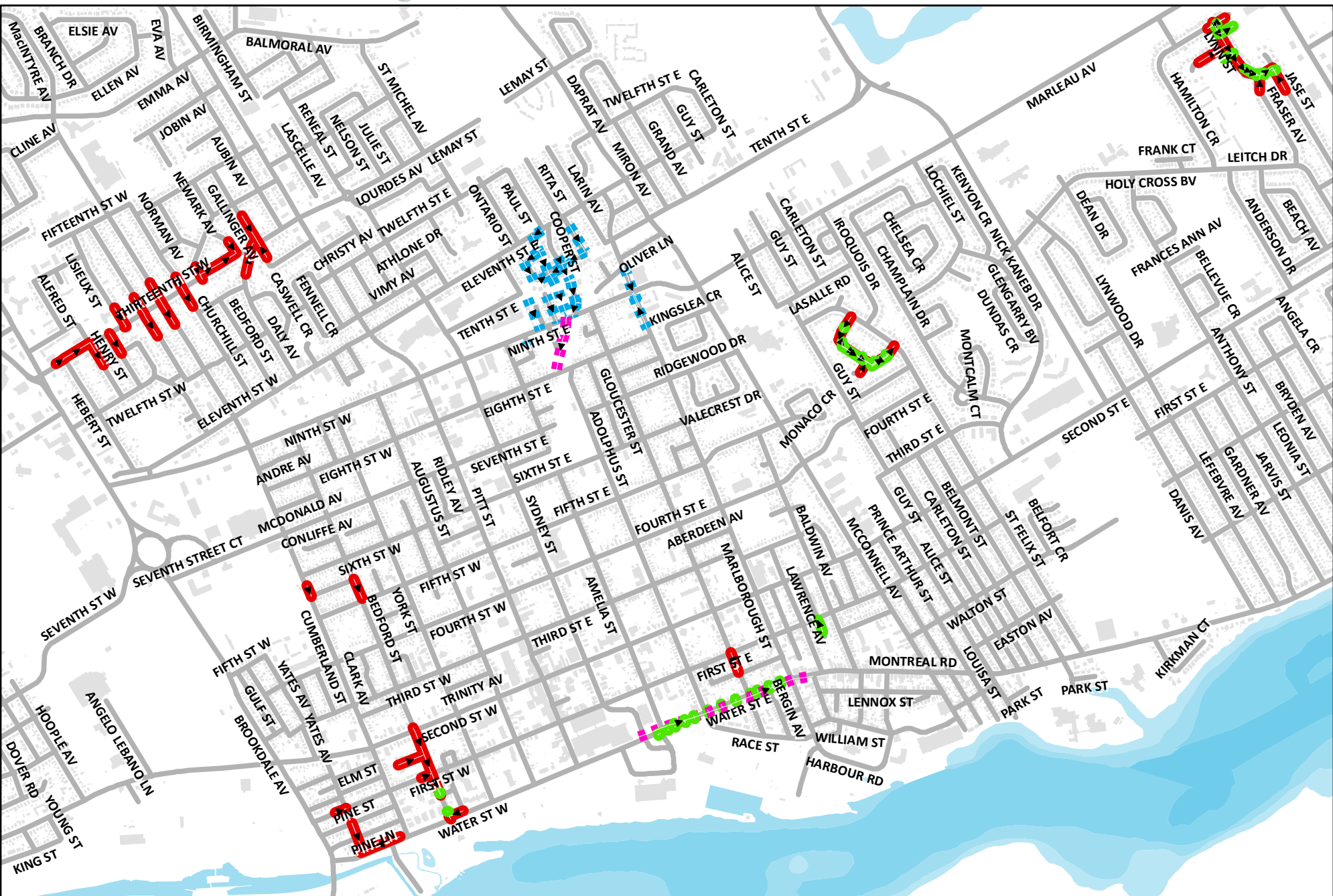
Appendix B: Collection System Operating issues and Maintenance Records

23-T47 Sewer Cleaning & CCTV - Sanitary Areas

2024 Contracted Cleaning and CCTV Inspections (2023 Carry locations)



24-T49 Sewer Cleaning & CCTV



Appendix B.2: Sewage Collection System Operating Issues & Maintenance

Pipe ID	Date	Street Name	Pipe Size	Remarks
1188	february 13, 2024	sixth st e	200	630 feet from manhole on gloucester to marbourger flushed and vaccumed main
2701	february 22, 2024	robertson av	250	
663	february 22, 2024	robertson av	300	
442	february 22, 2024	second st w	250	
2461	february 22, 2024	osborne av	250	
962	february 22, 2024	osborne av	250	
2701	february 22, 2024	robertson av	250	
1337	february 22, 2024	dover rd	250	
2085	february 22, 2024	lochiel st	200	
2823	february 22, 2024	glengarry bv	250	
7157	february 22, 2024	glengarry bv	200	
2822	february 23, 2024	glengarry bv	250	
2846	february 23, 2024	glengarry bv	250	
2845	february 23, 2024	glengarry bv	250	
2823	february 23, 2024	glengarry bv	250	heavy grease main flowing well
195	february 23, 2024	henry st	250	
196	february 23, 2024	thirteenth st w	250	
1186	february 23, 2024	thirteenth st w	250	

2722	march 20, 2024	guy st	250	
2722	march 20, 2024	guy st	250	
2246	march 22, 2024	easton av	200	
4165	march 23, 2024	eighth st w	250	sewer dig to main. flushed for mud and debris
4165	march 23, 2024	eighth st w	250	sewer dig to main. flushed for mud and debris
5765	march 25, 2024	elsie av	250	
83	march 25, 2024	elsie av	250	ipad was down flushed main mar 7 2024
80	march 25, 2024	benny av	250	
77	march 25, 2024	eva av	250	
76	march 25, 2024	eva av	250	
1485	march 25, 2024	henry st	250	ipad was down sewer flushed feb 23 2024
711	march 25, 2024	alfred st	250	ipad down sewer flushed feb 23 2024
194	march 25, 2024	henry st	250	
2886	march 25, 2024	laflin st	200	ipad down flushed mar 7 2024
2241	march 25, 2024	laflin st	250	
1861	march 25, 2024	laflin st	250	
2705	march 25, 2024	eleventh st w	200	ipad down flushed sewer mar 7 2024
2706	march 25, 2024	eleventh st w	250	ipad down flushed sewer mar 7. 2024
5001	march 25, 2024	bedford st	250	ipad down flushed mar 7 2024
3342	march 25, 2024	bedford st	250	ipad down flushed mar 7 2024

3307	march 25, 2024	bedford st	250	ipad down flushed mar 7 2024
3693	march 25, 2024	guy st	225	
4698	march 25, 2024	easton av	200	
1815	march 25, 2024	park st	200	
1816	march 25, 2024	park st	200	
2008	march 25, 2024	millville av	200	
4698	march 25, 2024	easton av	200	
3693	march 25, 2024	guy st	225	
3307	march 25, 2024	bedford st	250	ipad down flushed mar 7 2024
3342	march 25, 2024	bedford st	250	ipad down flushed mar 7 2024
5001	march 25, 2024	bedford st	250	ipad down flushed mar 7 2024
2706	march 25, 2024	eleventh st w	250	ipad down flushed sewer mar 7. 2024
2705	march 25, 2024	eleventh st w	200	ipad down flushed sewer mar 7 2024
1861	march 25, 2024	laflin st	250	
2241	march 25, 2024	laflin st	250	
2886	march 25, 2024	laflin st	200	ipad down flushed mar 7 2024
194	march 25, 2024	henry st	250	
711	march 25, 2024	alfred st	250	ipad down sewer flushed feb 23 2024
1485	march 25, 2024	henry st	250	ipad was down sewer flushed feb 23 2024
76	march 25, 2024	eva av	250	

77	march 25, 2024	eva av	250	
80	march 25, 2024	benny av	250	
83	march 25, 2024	elsie av	250	ipad was down flushed main mar 7 2024
4250	march 25, 2024	millville av	225	
847	march 25, 2024	holy cross bv	250	
3478	march 25, 2024	holy cross bv	250	
251	march 25, 2024	brodeur st	250	
876	march 25, 2024	brodeur st	250	
1740	march 25, 2024	twelfth st w	250	
877	march 25, 2024	twelfth st w	300	
7018	march 25, 2024	third st w	250	
6330	march 25, 2024	third st w	250	
4041	march 25, 2024	third st w	225	
4581	march 26, 2024	montreal rd	200	unblocked. heavy wipes
10736	march 27, 2024		300	
10737	march 27, 2024		300	
10738	march 27, 2024		300	
10728	march 27, 2024		300	
10727	march 27, 2024		300	lots of debris flushed and vacuumed main and washed out manhole
10726	march 27, 2024		300	heavy grease and debris flushed and vacuumed

10726	march 27, 2024		300	heavy grease and debris flushed and vacuumed
10736	march 27, 2024		300	
10736	march 27, 2024		300	
8567	march 28, 2024	lemay st	150	
2631	march 28, 2024	third st e	250	
3050	april 2, 2024	mcconnell av	300	
3051	april 2, 2024	larin av	300	
480	april 2, 2024	twelfth st e	300	
3050	april 2, 2024	mcconnell av	300	
3209	april 2, 2024	grand av	250	
3050	april 2, 2024	mcconnell av	300	
3460	april 2, 2024	twelfth st e	300	
3050	april 2, 2024	mcconnell av	300	
1133	april 2, 2024	twelfth st e	300	
2655	april 3, 2024	miron av	250	
2654	april 3, 2024	miron av	300	
1289	april 3, 2024	miron av	300	
1029	april 3, 2024	mcconnell av	250	
802	april 3, 2024	mcconnell av	250	
1411	april 3, 2024	mcconnell av	250	

3370	april 3, 2024	hamilton cr	250	
1448	april 3, 2024	hamilton cr	250	
878	april 3, 2024	hamilton cr	250	
879	april 3, 2024	hamilton cr	250	
684	april 3, 2024	hamilton cr	250	
3393	april 3, 2024	hamilton cr	250	
1627	april 5, 2024	gallinger av	250	
1627	april 5, 2024	gallinger av	250	
1627	april 5, 2024	gallinger av	250	
391	april 5, 2024	oliver ln	200	
2109	april 5, 2024	oliver ln	200	
1627	april 5, 2024	gallinger av	250	
159	april 6, 2024	kensington st	250	224 kensington backed up main was fine flushed it anyways plumbers on site
1643	april 8, 2024	lauber av	225	
1252	april 8, 2024	lauber av	225	
1482	april 8, 2024	lauber av	225	
552	april 8, 2024	churchill st	300	
2694	april 8, 2024	churchill st	300	
159	april 9, 2024	kensington st	250	lateralreplaced at 224 kensington flushed main again running fine
3394	april 12, 2024	hamilton cr	250	

2797	april 16, 2024	hamilton cr	250	
1440	april 16, 2024	hamilton cr	250	
1440	april 16, 2024	hamilton cr	250	
1439	april 16, 2024	hamilton cr	250	
880	april 16, 2024	hamilton cr	250	
3738	april 16, 2024	leitch dr	400	
3363	april 16, 2024	industrial park dr	300	
2976	april 16, 2024	industrial park dr	300	
8780	april 16, 2024	optimum dr	250	
6675	april 16, 2024	optimum dr	250	
105	april 16, 2024	industrial park dr	375	
699	april 18, 2024	industrial park dr	375	
4181	april 18, 2024	industrial park dr	375	
4183	april 18, 2024	industrial park dr	450	
4184	april 18, 2024	industrial park dr	450	
3886	april 18, 2024	industrial park dr	450	
1495	april 18, 2024	industrial park dr	450	
1327	april 18, 2024	industrial park dr	450	
8779	april 23, 2024	optimum dr	200	flushed clean
1029	april 30, 2024	mcconnell av	250	capital steam was at 1104 miron. flushed main from mcconnell

4435	april 30, 2024	water st w	300	
5174	april 30, 2024	water st w	300	
464	april 30, 2024	water st w	300	
2694	april 30, 2024	churchill st	300	
552	april 30, 2024	churchill st	300	
576	april 30, 2024	churchill st	300	
188	april 30, 2024	churchill st	300	
2797	may 1, 2024	hamilton cr	250	
2797	may 1, 2024	hamilton cr	250	
1440	may 1, 2024	hamilton cr	250	
1439	may 1, 2024	hamilton cr	250	
880	may 1, 2024	hamilton cr	250	
3738	may 1, 2024	leitch dr	400	
7814	may 1, 2024	holy cross bv	300	
1669	may 2, 2024	kingslea cr	250	35 kingsley had an issue we flushed and vacuumed main
1134	may 2, 2024	kingslea cr	250	
1149	may 2, 2024	marlborough st	250	
2129	may 3, 2024	sandfield cr	250	769 sandfield crescent had an issue with his lateral. flushed main all good
2130	may 3, 2024	sandfield cr	250	
8567	may 5, 2024	lemay st	150	back up at 247 lemay st. on saturday may 4th flushed main all good

8567	may 5, 2024	lemay st	150	back up at 247 lemay st. on saturday may 4th flushed main all good
194	may 5, 2024	henry st	250	back up at 515 henry. full of grease. 5 passes
194	may 7, 2024	henry st	250	
143	may 27, 2024	ninth st w	300	blockage at restaurant. full of grease. flushed and pressure washed manhole.
882	may 27, 2024	brookdale av	300	
194	june 5, 2024	henry st	250	
194	june 5, 2024	henry st	250	
1643	june 10, 2024	lauber av	225	
1252	june 10, 2024	lauber av	225	
1482	june 10, 2024	lauber av	225	
530	june 10, 2024	birmingham st	250	
3382	june 10, 2024	birmingham st	250	
2264	june 10, 2024	birmingham st	250	
2263	june 10, 2024	birmingham st	250	
9178	june 10, 2024	lascelle av	250	
1271	june 10, 2024	lascelle av	250	
1272	june 10, 2024	lascelle av	250	
2958	june 13, 2024	king st	250	
6639	june 13, 2024	abbot st	300	
1188	june 13, 2024	sixth st e	200	flushed and vacuumed main. toilet paper and grit was removed

2047	june 18, 2024	burton av	225	
3015	june 18, 2024	marleau av	525	
848	june 18, 2024	marleau av	525	
1181	june 19, 2024	brookdale av	400	
2571	june 19, 2024	brookdale av	400	
2570	june 19, 2024	brookdale av	400	
7214	june 19, 2024	brookdale av	400	
1147	june 19, 2024	brookdale av	400	
1148	june 20, 2024	brookdale av	450	
1496	june 20, 2024	brookdale av	450	
5522	june 21, 2024	brookdale av	450	
3193	june 21, 2024	brookdale av	450	
872	june 24, 2024	lefebvre av	375	
872	june 24, 2024	lefebvre av	375	
582	june 24, 2024	lefebvre av	375	
10450	june 25, 2024	carleton st	300	
10450	june 25, 2024	carleton st	300	320 carleton had an issue. flushed and vacumed sewer main 400 feet pulled back some gravel
1903	june 26, 2024	meadowvale cr	250	
1866	june 27, 2024	brookdale av	450	
5013	june 27, 2024	brookdale av	450	

12330	june 27, 2024	south branch rd	250
598	june 27, 2024	south branch rd	250
597	june 27, 2024	south branch rd	250
1937	june 27, 2024	pitt st	250
2732	june 27, 2024	marguerite d'youville st	200
3494	july 4, 2024	mary st	250
8378	july 4, 2024	mary st	250
995	july 9, 2024	alfred st	250
1339	july 9, 2024	alfred st	250
672	july 9, 2024	alfred st	250
710	july 9, 2024	alfred st	250
711	july 9, 2024	alfred st	250
711	july 9, 2024	alfred st	250
2572	july 9, 2024	henry st	200
1485	july 9, 2024	henry st	250
194	july 9, 2024	henry st	250
196	july 10, 2024	thirteenth st w	250
1186	july 10, 2024	thirteenth st w	250
195	july 10, 2024	henry st	250
2073	july 10, 2024	thirteenth st w	250

1903	july 18, 2024	meadowvale cr	250	
4022	july 18, 2024	st felix st	200	
1903	july 18, 2024	meadowvale cr	250	
3875	july 24, 2024	first st e	225	
2008	july 25, 2024	millville av	200	
4250	july 25, 2024	millville av	225	
1472	july 25, 2024	millville av	250	
4615	july 25, 2024	first st e	200	
4249	july 25, 2024	first st e	300	
1926	july 25, 2024	first st e	200	
2899	july 25, 2024	first st e	200	
3875	july 25, 2024	first st e	225	
115	july 31, 2024	grant av	250	flushed and vacuum
300	july 31, 2024	riverdale av	250	flushed and vacuumed
298	july 31, 2024	riverdale av	200	flushed and vacuumed
873	august 12, 2024	easton av	300	partial blockage
1177	august 13, 2024	vincent massey dr	250	
726	august 13, 2024	vincent massey dr	250	
4306	august 13, 2024	alice st	200	
938	august 13, 2024	first st e	200	

2003	august 13, 2024	first st e	200	
1796	august 13, 2024	walton st	250	
792	august 15, 2024	vincent massey dr	250	
793	august 15, 2024	vincent massey dr	250	
3209	august 19, 2024	grand av	250	1112 grand had an issue, flushed main. main was perfect
3209	august 19, 2024	grand av	250	1112 grand had an issue, flushed main. main was perfect
3209	august 19, 2024	grand av	250	1112 grand had an issue, flushed main. main was perfect
480	august 21, 2024	twelfth st e	300	
1301	august 21, 2024	twelfth st e	300	
2591	august 21, 2024	twelfth st e	300	back up - heavy grease
1028	august 21, 2024	mcconnell av	300	
2236	august 21, 2024	mcconnell av	300	
394	august 26, 2024	ross av	250	
794	august 26, 2024	vincent massey dr	250	
394	august 26, 2024	ross av	250	
1674	august 26, 2024	vincent massey dr	250	
3497	august 26, 2024	vincent massey dr	300	
752	august 26, 2024	rosemount av	250	
7599	august 26, 2024	vincent massey dr	250	
2955	august 26, 2024	lefebvre av	375	

394	august 26, 2024	ross av	250	
2712	august 28, 2024	mackay av	300	
3447	august 28, 2024	mcconnell av	300	
3209	september 3, 2024	grand av	250	reamed lateral at 1112 grand and flushed main
2655	september 3, 2024	miron av	250	
7599	september 12, 2024	vincent massey dr	250	
6467	september 12, 2024	vincent massey dr	250	
1445	september 12, 2024	vincent massey dr	350	
820	september 12, 2024	vincent massey dr	350	
2023	september 12, 2024	vincent massey dr	350	
52	september 17, 2024	elgin st	250	
52	september 17, 2024	elgin st	250	
1989	september 17, 2024	vincent massey dr	350	
1541	september 17, 2024	thirteenth st w	400	
1957	september 18, 2024	ninth st w	600	
4559	september 18, 2024	abbot ln	600	
81	september 19, 2024	elsie av	250	
2046	september 24, 2024	third st e	300	
3901	september 25, 2024	third st w	1425	
264	september 25, 2024	york st	1500x1200	

669	september 25, 2024	fifth st w	1500x1200	
2420	september 25, 2024	cumberland st	1425x1500	
8979	september 25, 2024	cumberland st	1425	
3900	september 25, 2024	clark av	1425	
11204	september 25, 2024	fourth st w	1500x1350	
8980	september 25, 2024	fourth st w	1500x1350	
2061	september 25, 2024	rideau av	1500x1350	
5000	october 1, 2024	bedford st	225	flushed and vacuumed. cornwall gravel filled main with stone
3093	october 1, 2024	third st w	225	
5000	october 1, 2024	bedford st	225	flushed and vacuumed. cornwall gravel filled main with stone
4695	october 1, 2024	third st w	225	
2085	october 10, 2024	lochiel st	200	
1315	october 10, 2024	lochiel st	200	
912	october 10, 2024	lochiel st	200	
911	october 10, 2024	lochiel st	200	
910	october 10, 2024	lochiel st	200	
3239	october 10, 2024	lochiel st	200	
911	october 10, 2024	lochiel st	200	
3178	october 10, 2024	fourth st e	250	
2426	october 10, 2024	gulf st	450	

2085	october 10, 2024	lochiel st	200
5765	october 10, 2024	elsie av	250
83	october 10, 2024	elsie av	250
80	october 10, 2024	benny av	250
77	october 10, 2024	eva av	250
76	october 10, 2024	eva av	250
711	october 10, 2024	alfred st	250
710	october 10, 2024	alfred st	250
1339	october 10, 2024	alfred st	250
2886	october 10, 2024	laflin st	200
1861	october 10, 2024	laflin st	250
2241	october 10, 2024	laflin st	250
1862	october 10, 2024	laflin st	250
1996	october 17, 2024	sunnyside av	250
1247	october 24, 2024	dover rd	300
1028	october 24, 2024	mcconnell av	300
2591	october 24, 2024	twelfth st e	300
1301	october 24, 2024	twelfth st e	300
480	october 24, 2024	twelfth st e	300
1247	october 24, 2024	dover rd	300

1247	october 24, 2024	dover rd	300
1247	october 24, 2024	dover rd	300
829	october 25, 2024	st felix st	250
2604	october 25, 2024	fraser av	350
2092	october 29, 2024	lefebvre av	250
1485	october 29, 2024	henry st	250
2572	october 29, 2024	henry st	200
194	october 29, 2024	henry st	250
195	october 29, 2024	henry st	250
2073	october 29, 2024	thirteenth st w	250
2074	october 29, 2024	henry st	250
1187	october 29, 2024	henry st	250
2950	october 29, 2024	henry st	250
1627	october 30, 2024	gallinger av	250
1627	october 30, 2024	gallinger av	250
1627	october 30, 2024	gallinger av	250
3458	october 30, 2024	fifteenth st w	300
2262	october 30, 2024	fifteenth st w	300
3342	november 1, 2024	bedford st	250
3307	november 1, 2024	bedford st	250

5001	november 1, 2024	bedford st	250
1618	november 1, 2024	bedford st	250
3459	november 6, 2024	daprat av	250
1301	november 6, 2024	twelfth st e	300
480	november 6, 2024	twelfth st e	300
1643	november 7, 2024	lauber av	225
1252	november 7, 2024	lauber av	225
2705	november 7, 2024	eleventh st w	200
2706	november 7, 2024	eleventh st w	250
882	november 7, 2024	brookdale av	300
143	november 7, 2024	ninth st w	300
2461	november 8, 2024	osborne av	250
962	november 8, 2024	osborne av	250
1337	november 8, 2024	dover rd	250
2422	november 8, 2024	osborne av	250
1551	november 8, 2024	osborne av	250
2701	november 8, 2024	robertson av	250
663	november 8, 2024	robertson av	300
442	november 8, 2024	second st w	250
662	november 8, 2024	second st w	300

403	november 8, 2024	second st w	300
1813	november 8, 2024	osborne av	300
285	november 8, 2024	osborne av	250
1729	november 9, 2024	adolphus st	225
251	november 12, 2024	brodeur st	250
876	november 12, 2024	brodeur st	250
1740	november 12, 2024	twelfth st w	250
877	november 12, 2024	twelfth st w	300
2722	november 12, 2024	guy st	250
2636	november 12, 2024	danis av	250
530	november 13, 2024	birmingham st	250
2264	november 13, 2024	birmingham st	250
2266	november 13, 2024	new st	250
529	november 13, 2024	new st	250
3382	november 13, 2024	birmingham st	250
2263	november 13, 2024	birmingham st	250
9178	november 14, 2024	lascelle av	250
1271	november 14, 2024	lascelle av	250
1272	november 14, 2024	lascelle av	250
7465	november 14, 2024	holy cross bv	250

847	november 14, 2024	holy cross bv	250	
1815	november 18, 2024	park st	200	
12332	november 18, 2024	park st	150	
1816	november 18, 2024	park st	200	
1555	november 18, 2024	osborne av	250	
285	november 18, 2024	osborne av	250	
1813	november 18, 2024	osborne av	300	
1656	november 18, 2024	baldwin av	300	
8711	november 18, 2024	baldwin av	300	
2008	november 19, 2024	millville av	200	
4250	november 19, 2024	millville av	225	
1472	november 19, 2024	millville av	250	
4615	november 19, 2024	first st e	200	
2008	november 19, 2024	millville av	200	flushed and vacuumed main lots of gravel
2631	november 19, 2024	third st e	250	
1894	november 19, 2024	larin av	300	
3051	november 19, 2024	larin av	300	
3050	november 19, 2024	mcconnell av	300	
1708	november 21, 2024	caswell cr	250	
1709	november 21, 2024	caswell cr	250	

3204	november 21, 2024	caswell cr	250
3169	november 21, 2024	daly av	250
3206	november 21, 2024	daly av	250
1433	november 21, 2024	dover rd	250
1291	november 21, 2024	riverdale av	250
3274	november 21, 2024	daly av	250
475	november 21, 2024	thirteenth st w	300
207	november 21, 2024	thirteenth st w	300
2694	november 21, 2024	churchill st	300
552	november 21, 2024	churchill st	300
576	november 21, 2024	churchill st	300
188	november 21, 2024	churchill st	300
5191	november 25, 2024	cornwall centre rd	150
1139	november 25, 2024	cadeb av	250
1818	november 25, 2024	cadeb av	250
2760	november 25, 2024	johnston av	250
2558	november 25, 2024	cornwall centre rd	200
2326	november 25, 2024	cornwall centre rd	200
1866	november 25, 2024	brookdale av	450
5013	november 25, 2024	brookdale av	450

5522	november 25, 2024	brookdale av	450
3193	november 25, 2024	brookdale av	450
1496	november 25, 2024	brookdale av	450
4435	november 25, 2024	water st w	300
5174	november 25, 2024	water st w	300
464	november 25, 2024	water st w	300
8567	november 27, 2024	lemay st	150
2958	november 27, 2024	king st	250
3015	november 27, 2024	marleau av	525
3692	november 27, 2024	guy st	225
3693	november 27, 2024	guy st	225
2109	november 27, 2024	oliver ln	200
391	november 27, 2024	oliver ln	200
1568	november 27, 2024	oliver ln	200
2384	november 27, 2024	oliver ln	200
2799	november 27, 2024	mcconnell av	200
2361	november 27, 2024	mcconnell av	250
2845	november 27, 2024	glengarry bv	250
2846	november 27, 2024	glengarry bv	250
2822	november 27, 2024	glengarry bv	250

3273	november 27, 2024	glengarry bv	250
2823	november 27, 2024	glengarry bv	250
11112	november 28, 2024	bedford st	300
3370	november 28, 2024	hamilton cr	250
1448	november 28, 2024	hamilton cr	250
878	november 28, 2024	hamilton cr	250
879	november 28, 2024	hamilton cr	250
684	november 28, 2024	hamilton cr	250
1461	november 28, 2024	hamilton cr	250
3393	november 28, 2024	hamilton cr	250
3394	november 28, 2024	hamilton cr	250
2797	november 28, 2024	hamilton cr	250
1440	november 28, 2024	hamilton cr	250
1439	november 28, 2024	hamilton cr	250
880	november 28, 2024	hamilton cr	250
3738	november 28, 2024	leitch dr	400
3363	december 2, 2024	industrial park dr	300
2976	december 2, 2024	industrial park dr	300
699	december 2, 2024	industrial park dr	375
105	december 2, 2024	industrial park dr	375

4181	december 2, 2024	industrial park dr	375	
4183	december 2, 2024	industrial park dr	450	
4184	december 2, 2024	industrial park dr	450	
3886	december 2, 2024	industrial park dr	450	
2554	december 2, 2024	twelfth st e	250	
3363	december 2, 2024	industrial park dr	300	
1133	december 3, 2024	twelfth st e	300	
3460	december 3, 2024	twelfth st e	300	
3209	december 3, 2024	grand av	250	
2655	december 3, 2024	miron av	250	
2654	december 3, 2024	miron av	300	
1289	december 3, 2024	miron av	300	
1029	december 3, 2024	mcconnell av	250	
802	december 3, 2024	mcconnell av	250	
1411	december 3, 2024	mcconnell av	250	
576	december 3, 2024	churchill st	300	
3960	december 3, 2024	sunnyside av	100	
2401	december 11, 2024	guy st	250	back up with grease and man wipes, spoke with homeowners at 715 and 712 guy st.
1736	december 13, 2024	eighth st w	750	
11093	december 13, 2024	bedford st	300	

2690	december 16, 2024	joyce st	300
2689	december 16, 2024	joyce st	300
2688	december 16, 2024	joyce st	300

MH Maintenance and Repairs

MH ID	Date	Address	Street Name	Type	Replace	New	Cover	Frame	Benching	Risers	Other	Column1
b10-1-54	2024-04-25	492	fifth st w	mh			yes	yes		yes		
d13-2-65	2024-05-29	2	enza dr	mh			yes			yes		
d14-1-11	2024-10-17	443	mcdonell cr	mh			yes	yes		yes	yes	rough pour at pipe below.
c10-4-5	2024-10-17	639	burton av	mh			yes	yes		yes		
b13-2-19	2024-10-17	1132	kirkman ct	mh						yes	yes	grading
b8-2-12	2024-10-17	1104	queen st	mh			yes	yes		yes		
e9-3-65	2024-10-17	1865	cumberland st	mh			yes	yes		yes		
d8-3-7	2024-10-17	1718	vincent massey dr	mh			yes	yes	yes			in sidewalk , poured...
b10-1-97	2024-10-17	514	brookdale av	mh						yes		
c11-2-36	2024-10-17	524	marlborough st	mh			yes	yes	yes	yes	yes	major rough pour and plate install.
d10-3-70	2024-11-28	325	thirteenth st w	mh			yes			yes		

Sewer Issues and Repairs

Pipe ID	Date	Address	Street Name	Type	Size	Comments
1345	2024-01-04	484	bousquet av	san	300	collapsed sewer main after water main break previous week. replaced main for 22ft. with a cb and 2 lateral connections
2570	2024-03-11	1630	brookdale av	san	400	metal pail stuck in sani main. dug with shovel down 15ft capped with pvc.
1803	2024-03-27	210	riverdale av	com	200	daylight, gas, raw water intake and forcemains for engineering
11135	2024-06-03	443	mcdonell cr	san	300	parge / pour around manhole inlet

Lateral Issues and Repairs

Address	Street Name	Date	Type	Comments
306	westmooreland av	2024-01-02	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row trenched new lateral at a lower grade to gain slope for the dwelling, owner to dig private side and gain fall on private side afterwards. 4"pvc sani and storm to property
41	eleventh st e	2024-01-04	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row private side was changed to pvc, wye with neighbor. 6" conc in good shape to main
35	eleventh st e	2024-01-04	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row wye with neighbor. 6" concrete in good shape . private has roots infiltration
1514	grant av	2024-01-08	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row trenched new lateral replacing sag in hdpe pulled pipe.
203	seventh st w	2024-01-09	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row repair 6" clay at property line. tin patch collapsed. 6"pvc to main.
809	eleventh st e	2024-01-22	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row private side no corrode being done outside, pvc lateral under roadway perfect to stand pipe at property line.
32	william st	2024-01-31	other	sewer main found clear and running; possible lateral problem. owner advised. no video providedconwall electric exposed a 6"nc lateral under sidewalk that seemed to be abandoned with a 6"hdpe pipe above. noted for future incase issues arise. just east of pole.
332	third st e	2024-02-14	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row owner changed private side to 4inch pvc , city changed right of way to 4"pvc to passed the sidewalk. 6inch clay to main in good condition. 3 large trees removed privately (roots)
4	lefebvre av	2024-03-04	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row excavated the sanitary sewer lateral at #4 lefebvre ave. the inspection proved the original 4-inch clay pipe to be in good working order. Roots on private side.
203	laframboise av	2024-03-05	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row contractor changed 4"no corrode. city changed 4"no corrode from pl to watermain. road crossing was pvc already.
1607	aubin av	2024-03-18	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row no corrode pipe . collapse. emergency dig to open for weekend then pushed 4"hdpe pipe in to main from pl.

827	augustus st	2024-03-19	other	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row contractor changed 6”clay on private property. clay under city righ of way in good condition
1214	osborne av	2024-03-19	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row replaced sag under driveway to main.private side was pvc
137	eighth st w	2024-03-25	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row 6" concrete pipe changed to pvc on private side by contractor and from property line to main by city crew. pipe was in rough shape. under the building may still have original
318	third st w	2024-03-26	other	no video provideddaylight lateral in sidewalk for engineering dept.
1119	mcconnell av	2024-04-02	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row replace sag from pl to main
436	sara st	2024-04-03	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row replace broken pipe at property line, . green pvc in good condition otherwise.
224	kensington st	2024-04-09	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row 4 inch no corrode changed from pl to main. private side was still no corrode at this time. owner aware.
1732	blakely dr	2024-04-15	other	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row owner camera storm lateral, proved sag under roadway. city dug and leveled pipe with slope. owner still having issue with seepage at floor
109	anthony st	2024-04-15	other	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row changed 6 in no corrode to 4" pvc from pl to main. owner aware of private side no corrode
1638	brookdale av	2024-04-22	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row replaced broken ac 4" pipe at sidewalk, the rest was in good condition with drop pipe to main
1638	brookdale av	2024-04-22	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row changed broken pipe under sidewalk at drop pipe. 4"ac pipe to pvc
13	valecrest dr	2024-05-10	other	sewer main found clear and running; possible lateral problem. owner advised.

				video provided; problem on city row pre serviced house with separate laterals, dwelling on wye with #15. owners to bring to property line later.
15	valecrest dr	2024-05-10	other	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row dwelling on wye with 13, city pre serviced with 2 4"pvc to pl. owner to separate at later date.
412	bellevue cr	2024-05-10	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row changed 3ft of no corrode from pl to main. owner to changed under steps later. inside was already changed.
513	henry st	2024-05-14	lateral backup	video provided; problem on city row replaced section at main to drop pipe to put above main in a trouble spot. wye with 515
515	henry st	2024-05-14	lateral backup	video provided; problem on city row replaced section at main to drop pipe to put above main in a trouble spot. wye with 513
15	urquhart ln	2024-05-14	other	sewer main found clear and running; possible lateral problem. owner advised. no video providednew 200mm sani installed to manhole on pitt street and 1.5" water
1341	julie st	2024-05-22	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row owner changed private side no corrode to pvc, contractor brought pvc to 4"pvc under city right of way.
7	walter st	2024-05-27	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row replaced no corrode after contractor. from pl to main.
1121	kirkman ct	2024-06-10	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row replaced section in road from main to 20ft back removing 2ft drop pipe to gain slope and remove sag. 4"pvc
500	burton av	2024-06-17	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row collapsed clay inside cap project dig . replaced through emergency locates. 4"pvc from sidewalk to main 4"vc to house
110	york st	2024-06-25	other	no video providedhistorical manhole collapsed in front yard. dug down and removed structure and piped 6" vc with 6" pvc
407	third st w	2024-07-03	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row contractor changed private side(onceall) told owner it was no corrode but wouldn't provide a video. city dug and replaced 6" clay with 4"pvc. there was no no corrode
508	maryborough av	2024-07-09	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. no video providedadam beehler plumbing on site can not get passed stand pipe. lateral looks broke . we dug and pipe was broken change out six feet of clay with 6" pvc will backfill monday

670	st felix st	2024-07-15	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row roved calcium in joints in road way via chains. inspected and flowing good.
268	meadowvale cr	2024-07-17	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row emergency, dug roadway found a plumber used a water bottle on an auger to clean house and blocked it. flushed and cleaned. after inspection advised owner
247	lemay st	2024-07-22	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row sewer lateral inspection done by sewer dept. no corrode for 3ft under floor in laundry room. main level all enter before no corrode under floor through main stack which is causing blockage.
1023	larin av	2024-07-22	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row replaced no corrode from pl to main. private side had been done two years prior . plumber never informed municipal works.
1504	first st e	2024-08-12	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row replaced no corrode from pl to main via trench. owner had done his outside also
3120	ross av	2024-08-20	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row replaced section on blvd house side. roots in pipe. all clear after inspection of road crossing.
46	bryden av	2024-08-22	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row replace section at drop pipe near main. concrete pipe in good order
1115	lefebvre av	2024-08-26	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row lateral not connected right at main, paper getting stuck on offset joint. dug and replaced
7	wellington st e	2024-08-29	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. no video provided no camera, back up proved toy in lateral, plumber called. issues a year later, main ok. plumber will camera
1112	grand av	2024-09-03	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row owner changed private side. the cast wye's(weeper) were corroded. flushed clean with vac truck while hole was open. city right of way pipe was in good condition.
1118	rita st	2024-09-03	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row replace 15 ft sag under storm main. pl to main.

449	twelfth st w	2024-09-04	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row replace no corrode to henry street pl to main. private side was no corrode at this time.
1797	elgin st	2024-09-11	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row private side done by contractor, replace city right of way via trench from pl to main.
1122	guy st	2024-10-03	other	no video providedrepaired joints in storm main on easement of property.
28	gulf st	2024-10-09	other	sewer main found clear and running; possible lateral problem. owner advised. no video provided; problem on city row cement lateral at main, rats....void in lawn
4	dunbar av	2024-10-15	other	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem private sewer lateral runs privately under #2 dunbar and by 1800 montreal road to sani. no corrode under property of #1800 inspection through realtor during sale.
117	sunnyside av	2024-10-15	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row sewer lateral changed via trench . 4" nc was changed to pvc across road to main. private side was good.
603	st felix st	2024-10-17	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row replaced offset section in sidewalk
306	dover rd	2024-10-21	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row collapsed sewer lateral fixed. contractor hit during water excavation (relining) foraction
604	fraser av	2024-10-22	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row replaced no corrode from pl to stand pipe., owner side was just changed
1413	charles st	2024-10-25	other	video provided; problem on city row tap and lateral for new build.
169	lefebvre av	2024-10-29	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row replaced no corrode from pl to curb, private was changed outside from no corrode to pvc . road crossing is ac pipe in good shape.
943	adolphus st	2024-10-30	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row replaced 6" clay to 6" pvc from pl to main, full of roots. owners side has roots also not changed.

502	alice st	2024-11-13	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row replaced no corrode from pl to main, private side done also
1112	cumberland st	2024-11-25	other	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row owner changed no corrode outside with a backflow inside. contractor found clay at property line in good condition.
203	eleventh st w	2024-11-27	other	sewer main found clear and running; possible lateral problem. owner advised. no video providedhit lateral during water main failure, replaced 4"no corrode changed to 4"pvc from pl main. private side was still no corrode.
702	rosemount av	2024-11-27	other	no video providedcontractor 100mm pvc from sani main into building across road.
166	lefebvre av	2024-12-12	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row changed from pl to main . all no corrode has been removed inside and out
1010	augustus st	2024-12-12	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row contractor changed lateral from house to main removing no corrode with pvc
513	rivier pl	2024-12-18	lateral backup	sewer main found clear and running; possible lateral problem. owner advised. video provided; problem on city row replaced 3 ft of no corrode at main. private side was pvc

Pump Station Inspections, Maintenance and Issues

Station	Date	Fuel OK	Oil OK	Belts OK	Ftts. Cleaned	Pump OK	Basket Cleaned	Walkway Clear	Comments
grand/miron	January 8, 2024	yes	yes	yes	n/a	yes	n/a	yes	872176.8 m3
fennell cresent	January 8, 2024	yes	yes	yes	n/a	yes	n/a	yes	332741 m3
harbour road	January 8, 2024	yes	yes	yes	n/a	yes	n/a	yes	
queen & james	January 8, 2024	yes	yes	yes	n/a	yes	n/a	yes	
saunders drive	January 8, 2024	yes	yes	yes	n/a	yes	n/a	yes	835959 m3
brookdale north	January 8, 2024	yes	yes	yes	n/a	yes	n/a	yes	169297 m3
brookdale north	January 12, 2024	yes	yes	yes	n/a	yes	n/a	no	with kevin. generator fuel is 52.5%. 170487m 279m.
saunders drive	January 12, 2024	yes	yes	yes	n/a	yes	n/a	no	with kevin. generator fuel 78%. 837458m.
queen & james	January 12, 2024	yes	yes	yes	yes	yes	yes	n/a	with kevin. generator was tested and fuel is 90%. clean floats and basket with #226.
fennell cresent	January 12, 2024	yes	yes	yes	n/a	yes	n/a	n/a	with kevin. generator is 50%. 334384m.
harbour road	January 12, 2024	yes	yes	yes	n/a	yes	n/a	n/a	with kevin. generator fuel 100%.
grand/miron	January 12, 2024	yes	yes	yes	n/a	yes	n/a	n/a	with kevin. generator fuel is 50%. 873849m
brookdale north	January 19, 2024	yes	yes	yes	n/a	yes	n/a	yes	171610 m3-279 m3
saunders drive	January 19, 2024	yes	yes	yes	n/a	yes	n/a	yes	839512 m3
queen & james	January 19, 2024	yes	yes	yes	n/a	yes	n/a	yes	
harbour road	January 19, 2024	yes	yes	yes	n/a	yes	n/a	yes	
grand/miron	January 19, 2024	yes	yes	yes	n/a	yes	n/a	yes	876025 m3
fennell cresent	January 19, 2024	yes	yes	yes	n/a	yes	n/a	yes	336493 m3
saunders drive	January 26, 2024	yes	yes	yes	n/a	yes	yes	yes	
harbour road	January 26, 2024	yes	yes	yes	n/a	yes	n/a	yes	
queen & james	January 26, 2024	yes	yes	yes	n/a	yes	n/a	yes	cleaned basket
brookdale north	January 26, 2024	yes	yes	yes	n/a	yes	n/a	yes	172565 m3-279 m3
fennell cresent	January 26, 2024	yes	yes	yes	n/a	yes	n/a	yes	337831 m3
grand/miron	January 26, 2024	yes	yes	yes	n/a	yes	n/a	yes	877452 m3
grand/miron	February 16, 2024	yes	yes	yes	n/a	yes	n/a	yes	

harbour road	February 16, 2024	yes	yes	yes	n/a	yes	n/a	yes	
queen & james	February 16, 2024	yes	yes	yes	n/a	yes	n/a	yes	
brookdale north	February 16, 2024	yes	yes	yes	n/a	yes	n/a	yes	
fennell cresent	February 16, 2024	yes	yes	yes	n/a	yes	n/a	yes	
fennell cresent	February 16, 2024	yes	yes	yes	n/a	yes	n/a	yes	
brookdale north	February 16, 2024	yes	yes	yes	n/a	yes	n/a	yes	
queen & james	February 16, 2024	yes	yes	yes	n/a	yes	n/a	yes	
brookdale north	February 23, 2024	no	yes	yes	n/a	yes	n/a	yes	gen at 1/2 (177180 m3- 279 m3)
saunders drive	February 23, 2024	yes	yes	yes	n/a	yes	n/a	yes	848051 m3
queen & james	February 23, 2024	yes	yes	yes	n/a	yes	yes	yes	
harbour road	February 23, 2024	yes	yes	yes	n/a	yes	n/a	yes	
grand/miron	February 23, 2024	no	yes	yes	n/a	yes	n/a	yes	884398 m3 (fuel 50%)
fennell cresent	February 23, 2024	yes	yes	yes	n/a	yes	n/a	yes	345036 m3
brookdale north	March 1, 2024	yes	yes	yes	n/a	yes	n/a	yes	
saunders drive	March 1, 2024	yes	yes	yes	n/a	yes	n/a	yes	
queen & james	March 1, 2024	yes	yes	yes	n/a	yes	n/a	yes	
fennell cresent	March 1, 2024	yes	yes	yes	n/a	yes	n/a	yes	
harbour road	March 1, 2024	yes	yes	yes	n/a	yes	n/a	yes	
grand/miron	March 1, 2024	yes	yes	yes	n/a	yes	n/a	yes	
brookdale north	March 8, 2024	yes	yes	yes	n/a	yes	n/a	yes	179308 m3-279 m3
fennell cresent	March 8, 2024	yes	yes	yes	n/a	yes	n/a	yes	348557 m3
harbour road	March 8, 2024	yes	yes	yes	n/a	yes	n/a	yes	
grand/miron	March 8, 2024	yes	yes	yes	n/a	yes	n/a	yes	887768 m3
saunders drive	March 8, 2024	yes	yes	yes	n/a	yes	n/a	yes	851538 m3
queen & james	March 8, 2024	yes	yes	yes	n/a	yes	n/a	yes	
brookdale north	March 20, 2024	yes	yes	yes	n/a	yes	n/a	yes	181338 m3- 279 m3

saunders drive	March 20, 2024	yes	yes	yes	n/a	yes	n/a	yes	855304 m3
queen & james	March 20, 2024	yes	yes	yes	n/a	yes	n/a	yes	
harbour road	March 20, 2024	yes	yes	yes	n/a	yes	n/a	yes	
grand/miron	March 20, 2024	yes	yes	yes	n/a	yes	n/a	yes	891747 m3
fennell cresent	March 20, 2024	yes	yes	yes	n/a	yes	n/a	yes	352694 m3
harbour road	March 28, 2024	yes	yes	yes	n/a	yes	n/a	yes	
queen & james	March 28, 2024	yes	yes	yes	yes	yes	yes	no	
saunders drive	March 28, 2024	yes	yes	yes	n/a	yes	n/a	yes	857269 m3
fennell cresent	March 28, 2024	yes	yes	yes	n/a	yes	n/a	yes	354597 m3
grand/miron	March 28, 2024	yes	yes	yes	n/a	yes	n/a	yes	893681 m3
saunders drive	April 5, 2024	yes	yes	yes	n/a	yes	n/a	yes	859318 m3
brookdale north	April 5, 2024	yes	yes	yes	n/a	yes	n/a	yes	183666m3. 279m3
queen & james	April 5, 2024	yes	yes	yes	n/a	yes	n/a	yes	
harbour road	April 5, 2024	yes	yes	yes	n/a	yes	n/a	yes	
grand/miron	April 5, 2024	yes	yes	yes	n/a	yes	n/a	yes	895455m3
fennell cresent	April 5, 2024	yes	yes	yes	n/a	yes	n/a	yes	356541m3
queen & james	April 6, 2024	yes	yes	yes	n/a	yes	n/a	yes	6am saturday ...major issue with power coming in. 4 calls in 36hrs for power outages.breakers on poles keep disengaging. cornwall electric resets
grand/miron	April 12, 2024	yes	yes	yes	n/a	yes	n/a	yes	898792 m3
harbour road	April 12, 2024	yes	yes	yes	n/a	yes	n/a	yes	
fennell cresent	April 12, 2024	yes	yes	yes	n/a	yes	n/a	yes	360316 m3
brookdale north	April 12, 2024	yes	yes	yes	n/a	yes	n/a	yes	185221 m3 -279 m3
saunders drive	April 12, 2024	yes	yes	yes	n/a	yes	n/a	yes	862451 m3
queen & james	April 12, 2024	yes	yes	yes	n/a	yes	n/a	yes	
brookdale north	April 19, 2024	yes	yes	yes	n/a	yes	n/a	yes	186663 m3-279 m3
saunders drive	April 19, 2024	yes	yes	yes	n/a	yes	n/a	yes	865009 m3
queen & james	April 19, 2024	yes	yes	yes	n/a	yes	n/a	yes	

harbour road	April 19, 2024	yes	yes	yes	n/a	yes	n/a	yes	
grand/miron	April 19, 2024	yes	yes	yes	n/a	yes	n/a	yes	901414 m3
fennell cresent	April 19, 2024	yes	yes	yes	n/a	yes	n/a	yes	363353 m3
brookdale north	April 26, 2024	yes	yes	yes	n/a	yes	n/a	yes	187889 m3-279 m3
fennell cresent	April 26, 2024	yes	yes	yes	n/a	yes	n/a	yes	365392 m3
harbour road	April 26, 2024	yes	yes	yes	n/a	yes	n/a	yes	
grand/miron	April 26, 2024	yes	yes	yes	n/a	yes	n/a	yes	903275 m3
saunders drive	April 26, 2024	yes	yes	yes	n/a	yes	n/a	yes	867024 m3
queen & james	April 26, 2024	yes	yes	yes	n/a	yes	n/a	yes	
saunders drive	May 16, 2024	yes	yes	yes	n/a	yes	n/a	yes	872418 m3
queen & james	May 16, 2024	yes	yes	yes	n/a	yes	n/a	yes	
harbour road	May 16, 2024	yes	yes	yes	n/a	yes	n/a	yes	
brookdale north	May 16, 2024	yes	yes	yes	n/a	yes	n/a	yes	190908 m3. 279 m3
fennell cresent	May 16, 2024	yes	yes	yes	n/a	yes	n/a	yes	370364 m3
saunders drive	May 16, 2024	yes	yes	yes	n/a	yes	n/a	yes	872418 m3
grand/miron	May 16, 2024	yes	yes	yes	n/a	yes	n/a	yes	908041 m3
brookdale north	May 24, 2024	yes	yes	yes	n/a	yes	n/a	yes	191963 m3. 279m3
queen & james	May 24, 2024	yes	yes	yes	n/a	yes	n/a	yes	
saunders drive	May 24, 2024	yes	yes	yes	n/a	yes	n/a	yes	874089m3.
harbour road	May 24, 2024	yes	yes	yes	n/a	yes	n/a	yes	battery dead on generator
grand/miron	May 24, 2024	yes	yes	yes	n/a	yes	n/a	yes	909832
fennell cresent	May 24, 2024	yes	yes	yes	yes	yes	n/a	yes	
fennell cresent	May 24, 2024	yes	yes	yes	n/a	yes	n/a	yes	372087m3
fennell cresent	May 31, 2024	yes	yes	yes	n/a	yes	n/a	yes	373454m3.
fennell cresent	May 31, 2024	yes	yes	yes	n/a	yes	n/a	yes	373454m3.
grand/miron	May 31, 2024	yes	yes	yes	n/a	yes	n/a	yes	911236m3.

harbour road	May 31, 2024	yes	yes	yes	n/a	yes	n/a	yes	generator still missing starter we couldn't test generator
queen & james	May 31, 2024	yes	yes	yes	n/a	yes	n/a	yes	
saunders drive	May 31, 2024	yes	yes	yes	n/a	yes	n/a	yes	875479m3
brookdale north	May 31, 2024	yes	yes	yes	n/a	yes	n/a	yes	192780m3. 279m3
brookdale north	June 6, 2024	yes	yes	yes	n/a	yes	n/a	yes	193407 m3- 279 m3. put pails
saunders drive	June 6, 2024	yes	yes	yes	n/a	yes	n/a	yes	876447 m3. pails added
harbour road	June 6, 2024	yes	yes	yes	n/a	yes	n/a	yes	pails added. gen starter replacement still needed to test gen.
queen & james	June 6, 2024	yes	yes	yes	n/a	yes	n/a	yes	pails added/ basket cleaned
fennell cresent	June 6, 2024	yes	yes	yes	n/a	yes	n/a	yes	374489 m3. put pails
grand/miron	June 6, 2024	yes	yes	yes	n/a	yes	n/a	yes	912232 m3. put pails
fennell cresent	June 14, 2024	yes	yes	yes	n/a	yes	n/a	yes	376515 m3
queen & james	June 14, 2024	yes	yes	yes	n/a	yes	n/a	yes	
saunders drive	June 14, 2024	yes	yes	yes	n/a	yes	n/a	yes	878353 m3
brookdale north	June 14, 2024	yes	yes	yes	n/a	yes	n/a	yes	194331 m3
harbour road	June 21, 2024	yes	yes	yes	no	yes	n/a	yes	
saunders drive	June 21, 2024	yes	yes	yes	n/a	yes	n/a	yes	879674m3
queen & james	June 21, 2024	yes	yes	yes	n/a	yes	n/a	yes	
brookdale north	June 21, 2024	yes	yes	yes	no	yes	n/a	yes	195067 m3
grand/miron	June 21, 2024	yes	yes	yes	n/a	yes	n/a	yes	915386m3
fennell cresent	June 21, 2024	yes	yes	yes	n/a	yes	n/a	yes	
grand/miron	June 21, 2024	yes	yes	yes	n/a	yes	n/a	yes	915386m3
harbour road	July 2, 2024	yes	yes	yes	n/a	yes	n/a	yes	
fennell cresent	July 2, 2024	yes	yes	yes	n/a	yes	n/a	yes	totalizer 382417 m3
grand/miron	July 2, 2024	yes	yes	yes	n/a	yes	n/a	yes	totalizer 919567.8 m3
brookdale north	July 2, 2024	yes	yes	yes	n/a	yes	n/a	yes	totalizer 1 : 197150 m3 279m3
queen & james	July 2, 2024	yes	yes	yes	n/a	yes	n/a	yes	

saunders drive	July 2, 2024	yes	yes	yes	n/a	yes	n/a	yes	totalizer: 883860 m3
brookdale north	July 19, 2024	yes	yes	yes	n/a	no	n/a	yes	199595 m3
saunders drive	July 19, 2024	yes	yes	yes	n/a	no	no	yes	888260 m3
queen & james	July 19, 2024	yes	yes	yes	no	no	n/a	yes	
harbour road	July 19, 2024	yes	yes	yes	n/a	yes	n/a	yes	pump station still on stand bye generator outside
grand/miron	July 19, 2024	yes	yes	yes	n/a	no	n/a	yes	923954.4 m3
fennell cresent	July 19, 2024	no	yes	yes	n/a	yes	n/a	yes	totalizer 1 : 387131 m3. gen fuel 50%
harbour road	July 26, 2024	yes	yes	yes	n/a	no	n/a	yes	389064 m3
grand/miron	July 26, 2024	yes	yes	yes	n/a	no	n/a	yes	925956.8 m3
brookdale north	July 26, 2024	yes	yes	yes	n/a	yes	n/a	yes	200674m3.
saunders drive	July 26, 2024	yes	yes	yes	n/a	no	no	yes	890520 m3
queen & james	July 26, 2024	yes	yes	yes	n/a	no	no	yes	generator is hook up outside from powered synergy
harbour road	July 26, 2024	yes	yes	yes	n/a	no	n/a	yes	generator hooked up outside to powered synergy
fennell cresent	August 2, 2024	yes	yes	yes	n/a	yes	n/a	yes	390663m3
grand/miron	August 2, 2024	yes	yes	yes	n/a	no	n/a	no	927743.8 m3
harbour road	August 2, 2024	yes	yes	yes	n/a	yes	n/a	yes	hooked up to power synergy generator
queen & james	August 2, 2024	no	no	no	n/a	yes	n/a	yes	hook up to outside generator powered synergy
saunders drive	August 2, 2024	yes	yes	yes	n/a	yes	n/a	yes	totalizer 1: 892044 m3
brookdale north	August 2, 2024	yes	yes	yes	n/a	no	n/a	yes	201433 m3
fennell cresent	August 9, 2024	yes	yes	yes	n/a	yes	n/a	yes	
brookdale north	August 9, 2024	yes	yes	yes	n/a	yes	n/a	yes	202511
fennell cresent	August 9, 2024	yes	yes	yes	n/a	yes	n/a	yes	
saunders drive	August 9, 2024	yes	yes	yes	n/a	yes	n/a	yes	894018
queen & james	August 9, 2024	yes	yes	yes	n/a	yes	n/a	yes	hooked to outside generator
harbour road	August 9, 2024	yes	yes	yes	n/a	yes	n/a	yes	hooked to aux generator
grand/miron	August 9, 2024	yes	yes	yes	n/a	yes	n/a	yes	929680

grand/miron	August 16, 2024	yes	yes	yes	n/a	no	n/a	n/a	935036 m3
harbour road	August 16, 2024	yes	yes	yes	n/a	no	n/a	n/a	generator is hooked outside to powered synergy
queen & james	August 16, 2024	yes	yes	yes	n/a	yes	no	yes	hooked up outside generator powered synergy
saunders drive	August 16, 2024	yes	yes	yes	n/a	yes	n/a	yes	897581 m3
brookdale north	August 16, 2024	yes	yes	yes	n/a	no	n/a	n/a	207229 m3
fennell cresent	August 16, 2024	yes	yes	yes	n/a	no	n/a	yes	397573 m3
fennell cresent	August 16, 2024	yes	yes	yes	n/a	no	n/a	yes	397573 m3
brookdale north	August 23, 2024	yes	yes	yes	n/a	yes	n/a	yes	210676m3.
saunders drive	August 23, 2024	yes	yes	yes	n/a	yes	n/a	yes	
queen & james	August 23, 2024	yes	yes	yes	n/a	yes	n/a	yes	hooked up to outside generator power
queen & james	August 23, 2024	yes	yes	yes	n/a	yes	n/a	yes	running on outside generator
fennell cresent	August 23, 2024	yes	yes	yes	n/a	yes	n/a	yes	401803m3
grand/miron	August 23, 2024	yes	yes	yes	n/a	yes	n/a	yes	939016m3
brookdale north	August 30, 2024	yes (fuel ad	yes	yes	n/a	no	n/a	n/a	211794 m3
fennell cresent	August 30, 2024	yes	yes	yes	n/a	yes	n/a	yes	totalizer 1 :403886 m3
grand/miron	August 30, 2024	yes	yes	yes	n/a	yes	n/a	yes	totalizer: 941190.6 m3
harbour road	August 30, 2024	yes	yes	yes	n/a	no	n/a	yes	hooked to outside generator
queen & james	August 30, 2024	yes	yes	yes	n/a	yes	n/a	yes	outside gen powered
saunders drive	August 30, 2024	yes	yes	yes	n/a	yes	n/a	yes	totalizer m3: 903133
saunders drive	September 6, 2024	yes	yes	yes	n/a	yes	n/a	yes	
grand/miron	September 6, 2024	yes	yes	yes	n/a	yes	n/a	yes	pails-942928 m3
fennell cresent	September 6, 2024	yes	yes	yes	n/a	yes	n/a	yes	pails- 405454 m3
brookdale north	September 16, 2024	yes	yes	yes	n/a	yes	n/a	yes	279 m3-214059 m3 - pails
fennell cresent	September 16, 2024	yes	yes	yes	n/a	yes	n/a	yes	407630 m3- pails
saunders drive	September 16, 2024	yes	yes	yes	n/a	yes	n/a	yes	907127 m3- pails
grand/miron	September 16, 2024	yes	yes	yes	n/a	yes	n/a	yes	pails

harbour road	September 20, 2024	yes	yes	yes	n/a	yes	n/a	yes	hooked to aux gen
queen & james	September 20, 2024	yes	yes	yes	n/a	yes	n/a	yes	
saunders drive	September 20, 2024	yes	yes	yes	n/a	yes	n/a	yes	
grand/miron	September 20, 2024	yes	yes	yes	n/a	yes	n/a	yes	
fennell cresent	September 20, 2024	yes	yes	yes	n/a	yes	n/a	yes	
brookdale north	September 20, 2024	yes	yes	yes	n/a	yes	n/a	yes	
brookdale north	October 4, 2024	no	yes	yes	n/a	yes	n/a	yes	fuel at 1/2
saunders drive	October 4, 2024	yes	yes	yes	n/a	yes	n/a	yes	
queen & james	October 4, 2024	yes	yes	yes	n/a	yes	n/a	yes	running on aux generator
harbour road	October 4, 2024	yes	yes	yes	n/a	yes	n/a	yes	
fennell cresent	October 4, 2024	yes	yes	yes	n/a	yes	n/a	yes	
grand/miron	October 4, 2024	yes	yes	yes	n/a	yes	n/a	yes	
saunders drive	October 10, 2024	yes	yes	yes	n/a	yes	n/a	yes	
queen & james	October 10, 2024	yes	yes	yes	n/a	yes	n/a	yes	on aux generator
brookdale north	October 10, 2024	yes	yes	yes	n/a	yes	n/a	yes	
grand/miron	October 10, 2024	yes	yes	yes	n/a	yes	n/a	yes	
fennell cresent	October 10, 2024	yes	yes	yes	n/a	yes	n/a	yes	
queen & james	October 25, 2024	yes	yes	yes	n/a	yes	n/a	yes	on aux gen
saunders drive	October 25, 2024	yes	yes	yes	n/a	yes	n/a	yes	
brookdale north	October 25, 2024	no	yes	yes	n/a	yes	n/a	yes	fuel at 50%
harbour road	October 25, 2024	yes	yes	yes	n/a	yes	n/a	yes	on aux gen
grand/miron	October 25, 2024	yes	yes	yes	n/a	yes	n/a	yes	
fennell cresent	October 25, 2024	yes	yes	yes	n/a	yes	n/a	yes	
brookdale north	November 1, 2024	yes	yes	yes	n/a	yes	n/a	yes	218548 m3
saunders drive	November 1, 2024	yes	yes	yes	n/a	yes	n/a	yes	914194m3
queen & james	November 1, 2024	yes	yes	yes	n/a	yes	n/a	yes	on back up generator

harbour road	November 1, 2024	yes	yes	yes	n/a	yes	n/a	yes	on back up generator
grand/miron	November 1, 2024	yes	yes	yes	n/a	yes	n/a	yes	955958m3
fennell cresent	November 1, 2024	yes	yes	yes	n/a	yes	n/a	yes	414768m3
saunders drive	November 8, 2024	yes	yes	yes	n/a	yes	n/a	yes	915181m3
queen & james	November 8, 2024	yes	yes	yes	n/a	yes	n/a	yes	pump station on aux generator
harbour road	November 8, 2024	yes	yes	yes	n/a	yes	n/a	yes	on aux generator
grand/miron	November 8, 2024	yes	yes	yes	n/a	yes	n/a	yes	967573m3
fennell cresent	November 8, 2024	yes	yes	yes	n/a	yes	n/a	yes	415773m3
brookdale north	November 8, 2024	yes	yes	yes	n/a	yes	n/a	yes	219162
brookdale north	November 15, 2024	yes	yes	yes	n/a	yes	n/a	yes	219791m3
saunders drive	November 15, 2024	yes	yes	yes	n/a	yes	n/a	yes	916224m3
queen & james	November 15, 2024	yes	yes	yes	n/a	yes	n/a	yes	running on aux generator
harbour road	November 15, 2024	yes	yes	yes	n/a	yes	n/a	yes	running on auxiliary generator
grand/miron	November 15, 2024	yes	yes	yes	n/a	yes	n/a	yes	959391m3
fennell cresent	November 15, 2024	yes	yes	yes	n/a	yes	n/a	yes	416874m3
brookdale north	November 29, 2024	yes	yes	yes	n/a	yes	n/a	yes	pails
saunders drive	November 29, 2024	yes	yes	yes	n/a	yes	n/a	yes	pails
harbour road	November 29, 2024	yes	yes	yes	n/a	yes	n/a	yes	pails
harbour road	November 29, 2024	yes	yes	yes	n/a	yes	n/a	yes	pails- redid numbers- took gen numbers from screen instead of gen panel
queen & james	November 29, 2024	yes	yes	yes	n/a	yes	n/a	yes	pails
grand/miron	November 29, 2024	yes	yes	yes	n/a	yes	n/a	yes	pails
fennell cresent	November 29, 2024	yes	yes	yes	n/a	yes	n/a	yes	pails
brookdale north	December 13, 2024	yes	yes	yes	n/a	yes	n/a	no	
saunders drive	December 13, 2024	yes	yes	yes	n/a	yes	n/a	no	
queen & james	December 13, 2024	yes	yes	yes	n/a	yes	n/a	yes	
harbour road	December 13, 2024	yes	yes	yes	n/a	yes	n/a	yes	

grand/iron	December 13, 2024	yes	yes	yes	n/a	yes	n/a	no
fennell cresent	December 13, 2024	yes	yes	yes	n/a	yes	n/a	no

Detail**Brookdale CSO Inspection Forms**

Date Printed: 01/20/2025



WWTP-09190

Page 1 of 2

Work Order #: WWTP-09190 **Source Type:** Asset
Title: Brookdale Gate - Monthly Service **Project:**
Priority: Normal **Expected:** 12/06/2024 11:59:00 PM **WO Status:** Closed
Area/Room #:
Address: Cornwall, Ontario
K6J
Work requested:

Assigned To

	Employee #	Name	Job Title	Phone	Email	Est Hrs	Company Name
1	115	Brad Periard	Maintenance Technician (Electrician)		BPeriard@cornwall.ca	0.00	
2	111	Patrick Carriere	Supervisor - Wastewater Treatment Plant (WWTP)	613-930-2787 x2000	PCarriere@cornwall.ca	0.00	

Source

Asset #	Name	Site	Location	Make	Model	Barcode
[N/A]	Brookdale gate	Wastewater Treatment Plant (WWTP)	Brookdale CSO Chamber	[N/A]	[N/A]	[N/A]

Tasks/Steps

	Type	Name/Description	Done	Document
1	Instruction	Inspection	Yes	
	Check indoor and outdoor lighting			
2	Instruction	Inspection	Yes	
	Check LEL pump			
3	Instruction	Inspection	Yes	
	Check LEL readings			
4	Collect Reading	Data Collection	Yes	
	H ₂ S			
5	Collect Reading	Data Collection	Yes	
	LEL			
6	Collect Reading	Data Collection	Yes	
	Oxygen			
7	Instruction	Inspection	Yes	
	Check emergency lights			
8	Instruction	Inspection	Yes	
	Check electrical panels and Panel view			

Detail

Date Printed: 01/20/2025



WWTP-09158

Work Order #:

WWTP-09158

Source Type:

Asset

Title:

Brookdale Gate - Monthly Service

Project:

Priority:

Normal

Expected:

12/06/2024 11:59:00 PM

WO Status:

Closed

Area/Room #:

Address:

Cornwall, Ontario
K6J

Work requested:

Assigned To

	Employee #	Name	Job Title	Phone	Email	Est Hrs	Company Name
1	113	Philippe Menard	Maintenance Technician		PMenard@cornwall.ca	0.00	
2	114	Tim Garlough	Maintenance Technician		tgarlough@cornwall.ca	0.00	
3	111	Patrick Carriere	Supervisor - Wastewater Treatment Plant (WWTP)	613-930-2787 x2000	PCarriere@cornwall.ca	0.00	

Source

Asset #	Name	Site	Location	Make	Model	Barcode
[N/A]	Brookdale gate	Wastewater Treatment Plant (WWTP)	Brookdale CSO Chamber	[N/A]	[N/A]	[N/A]

Tasks/Steps

	Type	Name/Description	Done	Document
1	Instruction	Inspection Visually inspect the Brookdale gate.	Yes	
2	Instruction	Inspection Manually operate the gate opened and closed.	No	
3	Instruction	Inspection Grease gate screw.	Yes	
4	Instruction	Inspection Oil gate slides	Yes	
5	Instruction	Inspection Grease supply fan bearings and inspect the belt condition	Yes	

Date Printed: 01/20/2025



Page 1 of 2



WWTP-04396

Type	Name/Description	Done
1	Instruction Clean miltronics sensor head	Cleaning Yes
2	Instruction Check and verify the miltronics span and voltages	Verification Yes
3	Collect Reading Level before m	Data Collection Yes
4	Collect Reading Level after m	Data Collection Yes
5	Instruction Check echo	Inspection Yes
6	Instruction	Inspection Yes

Date Printed: 01/20/2025



Page 1 of 2



WWTP-07556

Type	Name/Description	Done
1	Instruction Clean miltronics sensor head	Cleaning Yes
2	Instruction Check and verify the miltronics span and voltages	Verification Yes
3	Collect Reading Level before m	Data Collection Yes
4	Collect Reading Level after m	Data Collection Yes
5	Instruction Check echo	Inspection Yes
6	Instruction	Inspection Yes

Appendix C: Authorized System Map

Legend

Sanitary Sewer Pumping Stations

SewerChambers

International Border

Source Water Primary Protection Zone

Source Water Secondary Protection Zone

Property Parcels

Summerstown Swamp

Riverfront Intercepting Combined Sewer

Combined Sewer Overflow Points

Sanitary Sewer by Separation Type

COMBINED

NOMINAL

PARTIAL

SEPARATE

Zoning - Landuse

COMMERCIAL

EMPLOYMENT GENERAL

EMPLOYMENT LIGHT

FLOODPLAIN

INSTITUTIONAL

NATURAL HERITAGE

OPEN SPACE

RESIDENTIAL

RURAL

SPECIAL USES

City of Cornwall

2023 - Municipal Sewage Collection Systems

First Consolidated Linear Infrastructure Environmental Compliance Approval