

**GOWANUS CANAL SUPERFUND SITE  
RTA2 REMEDIAL CONSTRUCTION  
Water Quality Monitoring Weekly Data Summary**

**PERIOD: August 26, 2024 – August 30, 2024**

**Date of Report: September 3, 2024**

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## **1. SCOPE OF MONITORING**

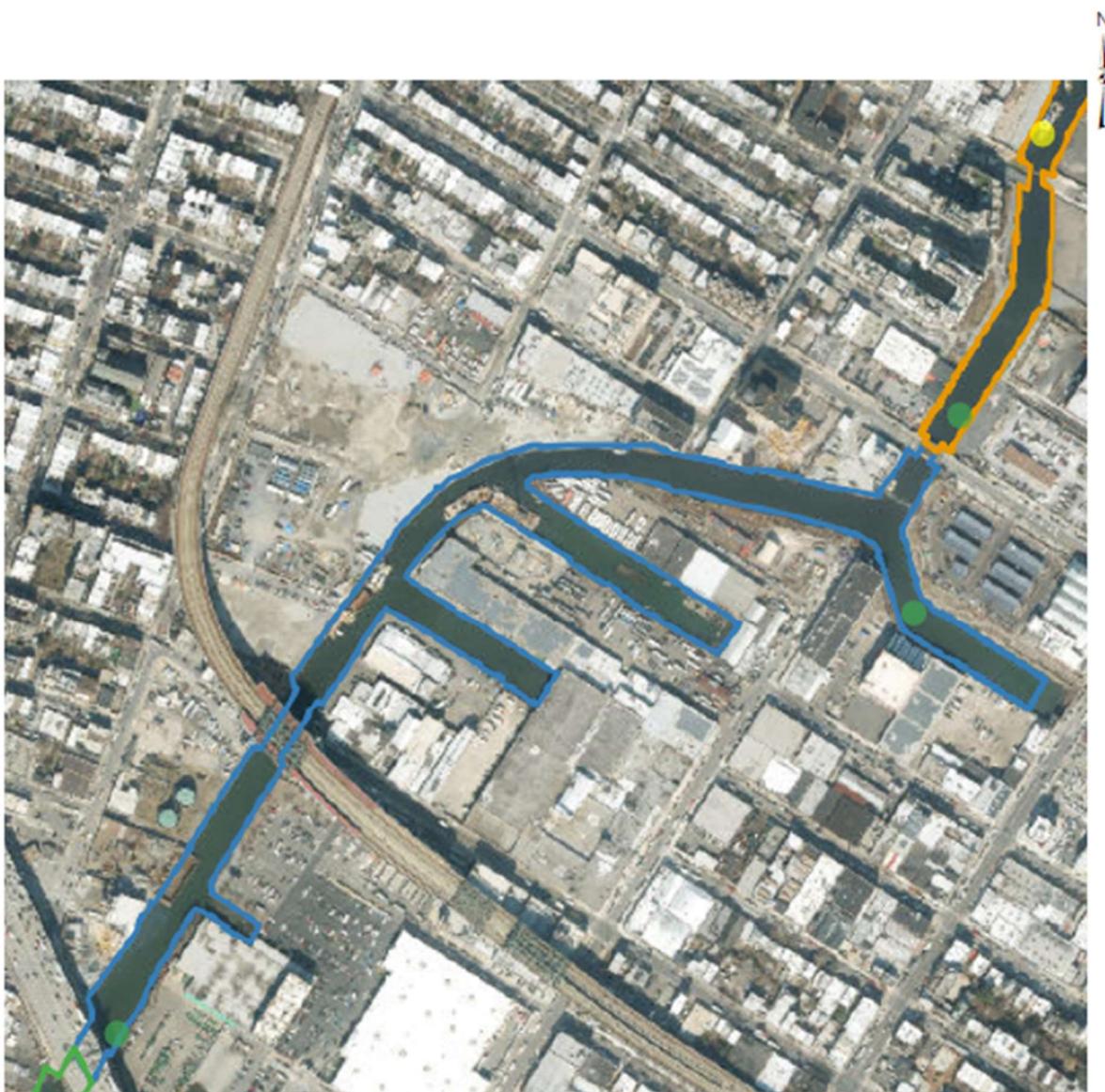
### **1.1 Buoy Locations**

In accordance with the Water Quality Monitoring Plan for In-waterway Construction Activities (WQMP) issued March 27, 2024, buoys equipped with multi-parameter water quality sondes, were deployed to monitor turbidity related to RTA2 construction activities. A buoy was deployed in the Fourth Street Turning Basin (TB4) to monitor background turbidity unaffected by in-water construction activities and was referred to as the ambient buoy. A sentinel buoy was deployed north of 9<sup>th</sup> Street Bridge, along the west bulkhead. These buoys (Figure 1) are in use to monitor the RTA2 pre-construction activities.

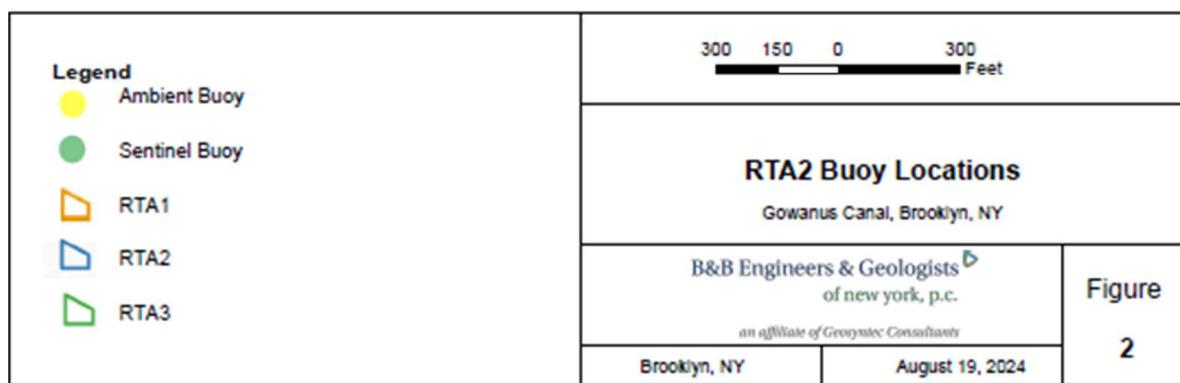
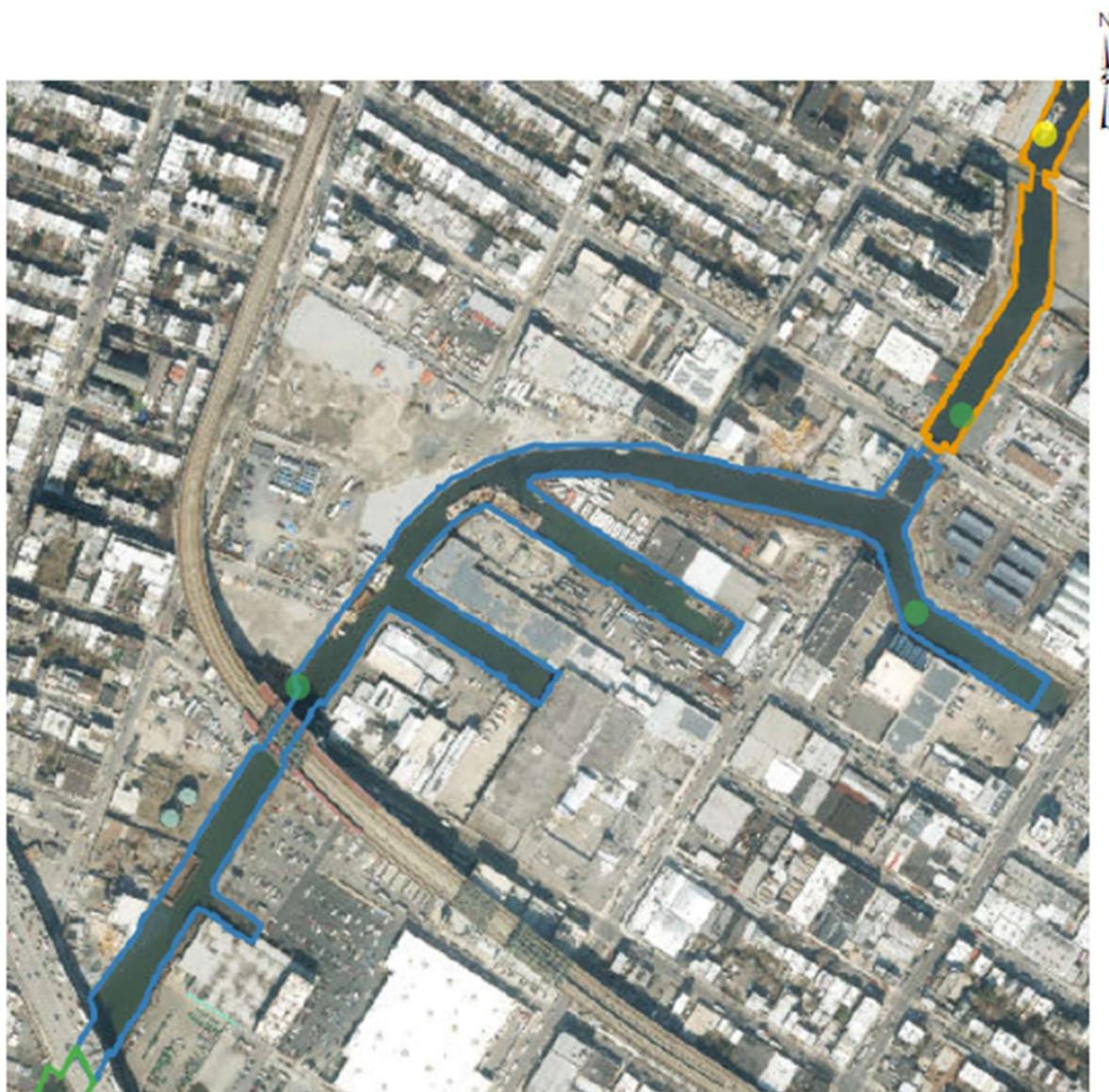
All readings from buoys were transmitted via telemetry at 15-minute intervals. The instrument used to collect turbidity and DO from the buoys is an In-Situ VuLink (telemetry) and AquaTroll500 (sonde), equipped with optical sensors capable of reading turbidity levels with an accuracy of +/-0.5 NTU and DO levels with an accuracy of +/-0.1 mg/L.

### **1.2 Summary of Monitoring Adjustments during Construction**

- August 9, 2024, after the conclusion of RTA1 WQMP, two additional buoys were added to the RTA2 WQMP, for a total of three sentinel buoys. The ambient buoy was moved to approximately ten meters north of Carroll Street Bridge, on the west side of the canal (ambient). A sentinel buoy was placed approximately twenty meters north of 3<sup>rd</sup> Street Bridge on the west side (3SB). A sentinel buoy was placed in Fourth Street Turning Basin (TB4). The 9<sup>th</sup> Street Bridge sentinel buoy (9SB) was not moved.
- To reduce instrument downtime, the 9th Street Bridge sentinel buoy (9SB) was relocated to the northeast side of the 9th Street Bridge on August 19, 2024. After two days of data collection, elevated turbidity readings were observed both during and outside of work hours. Consequently, on August 21, 2024, the buoy was moved again, this time to the northeast corner of the Hamilton Street Bridge.
- Turbidity readings at the Hamilton Street Bridge location exceeded 100 NTU both during and outside working hours. However, these readings were not representative of the actual turbidity within the RTA2 work area. Due to commercial traffic, a safe location for the sonde and buoy could not be found south of the 9th Street Bridge. Consequently, the sonde and buoy were relocated to the west side, 5 meters north of the 9th Street Bridge on Tuesday August 27, 2024, at 08:15.



<b>Legend</b>	Ambient Buoy Sentinel Buoy RTA1 RTA2 RTA3	300 150 0 300 Feet
<b>RTA2 Buoy Locations</b>		
Gowanus Canal, Brooklyn, NY		
B&B Engineers & Geologists  of new york, p.c. an affiliate of Geosyntec Consultants		Figure
Brooklyn, NY	August 21, 2024	1



### **1.3 Current Reporting Period Scope of Monitoring**

During the week of August 26, 2024, four buoys, each equipped with a multi-parameter water quality sonde were deployed as noted in Section 1.2. The sondes and buoys were cleaned on Tuesday, August 27. Moderate biofilm was noted on all sondes and buoys.

All readings from buoys were transmitted via telemetry at 15-minute intervals. The instrument used to collect turbidity and DO from the buoys is an In-Situ VuLink (telemetry) and AquaTroll500 (sonde), equipped with optical sensors capable of reading turbidity levels with an accuracy of +/-0.5 NTU and DO levels with an accuracy of +/-0.1 mg/L.

No instrument downtime was noted during the monitoring period.

Visual observations of turbidity and sheen are summarized in Section 5.

### **1.4 Meteorological Conditions**

The weather conditions onsite were as follows:

Meteorological Parameters	08/26/2024	8/27/2024	08/28/2024	08/29/2024	08/30/2024
<i>Wind Direction (from)</i>	W	NW	NNW	W	SSW
<i>Wind Speed (mph)</i>	5.1	7.0	6.1	5.0	4.4
<i>Temperature (°F)</i>	74.4	66.4	65.0	68.6	72.0
<i>Humidity (%)</i>	82.2	59.5	60.1	59.3	60.0
<i>Barometric Pressure (inHg)</i>	29.	29.80	29.94	30.07	30.19
Precipitation (Inch)	0	0	0	0	.3

**Table 1-** Summary of Weather Conditions for reporting period.

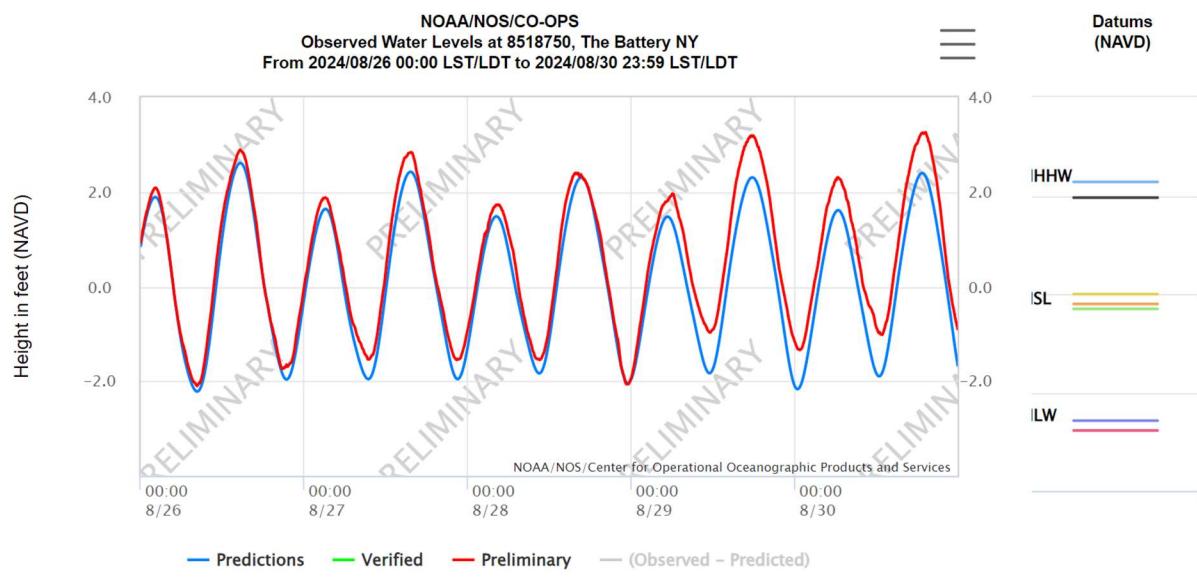
### **1.5 Tidal Conditions**

Tidal data from the Battery (National Oceanic and Atmospheric Administration [NOAA] Station 8518750) was reviewed and is summarized as follows:

Date	Time	Predicted NAV88 (Ft)	Preliminary Reported NAV88 (ft)	High/Low
Monday, August 26, 2024	2:09	1.89	2.09	H
Monday, August 26, 2024	8:18	-2.22	-2.1	L

Date	Time	Predicted NAV88 (Ft)	Preliminary Reported NAV88 (ft)	High/Low
Monday, August 26, 2024	14:38	2.61	2.88	H
Monday, August 26, 2024	21:25	-1.96	-1.7	L
Tuesday, August 27, 2024	3:08	1.64	1.87	H
Tuesday, August 27, 2024	9:25	-1.96	-1.54	L
Tuesday, August 27, 2024	15:37	2.42	2.84	H
Tuesday, August 27, 2024	22:31	-1.96	-1.54	L
Wednesday, August 28, 2024	4:12	1.48	1.73	H
Wednesday, August 28, 2024	10:29	-1.83	-1.55	L
Wednesday, August 28, 2024	16:41	2.3	2.37	H
Wednesday, August 28, 2024	23:31	-2.04	-2.06	L
Thursday, August 29, 2024	5:19	1.48	1.93	H
Thursday, August 29, 2024	11:29	-1.83	-0.97	L
Thursday, August 29, 2024	17:46	2.31	3.17	H
Friday, August 30, 2024	0:24	-2.17	-1.34	L
Friday, August 30, 2024	6:21	1.61	2.28	H
Friday, August 30, 2024	12:22	-1.9	-1.02	L
Friday, August 30, 2024	18:41	2.4	3.23	H

**Table 2 -NOAA Preliminary observations and predictions.**



**Figure 3- Tidal Chart for reporting period.**

## 2. REPORT OF EXCEEDANCES

No exceedances of the trigger or action criteria were noted during the reporting period due to construction activities. A momentary exceedance of the trigger criteria was noted at the 9<sup>th</sup> Street

Bridge Sentinel on Thursday September 29 and can be attributed to prop wash from barge movements within 100-feet of the monitoring location.

Elevated readings exceeding the action criteria were observed in the Hamilton Street Bridge sentinel before and after work hours. This sentinel was then relocated to the northwest side the 9<sup>th</sup> Street Bridge. Elevated readings were observed in TB4 sentinel buoy on Monday, August 26 and Tuesday, August 27, but unrelated to construction activities and considered background readings. No on-water work was conducted by the contractor during these time periods.

These elevated results should be disregarded as per the WQMP. Turbidity and floatables were observed throughout the reporting period unrelated to construction activities.

- **Trigger criterion** – Any of the following:
  - The rolling average of the relevant sentinel buoy turbidity measurements over a one-hour period exceeds the rolling average of the ambient buoy turbidity measurements by 20 NTU excluding any eliminated outlier measurements and in-waterway construction activities cannot be immediately excluded as the source following consultation with EPA; or
  - Either an oil sheen or a turbidity plume is visually observed at the relevant sentinel buoy and in-waterway construction activities are readily identified as the source.
- **Action criterion** – Any of the following:
  - The rolling average of the turbidity measurements of the sentinel buoy outside of RTA2 over a one-hour period exceeds the rolling average of the ambient buoy turbidity measurements by 40 NTU excluding any eliminated outlier measurements and in-waterway construction activities cannot be immediately excluded as the source following consultation with EPA; or
  - Either an oil sheen or a turbidity plume is visually observed outside of RTA2, and any deployed engineering controls and in-waterway construction activities are readily identified as the source.

An outlier is defined as a reading that is outside the range of 50 to 200 percent of the average of the three previous readings. In addition, to be considered an outlier, the subsequent reading must return to a range of 75 to 133 percent of the average of the three readings preceding the outlier.

## **2.1 Response to Criteria Exceedances**

The trigger level criterion serves to provide early notification to the contractor of construction activities that may lead to an exceedance of the action level criterion. In the event of an exceedance to the trigger criterion, the contractor will not be stopped, and the contractor will be directed to investigate the source of the exceedance and evaluate Best Management Practices (BMPs). In the event of an exceedance to the action level criterion, in-waterway construction activities may be slowed or temporarily suspended as necessary while the contractor investigates the source of the exceedance and appropriate mitigation, and corrective measures are determined. A more detailed

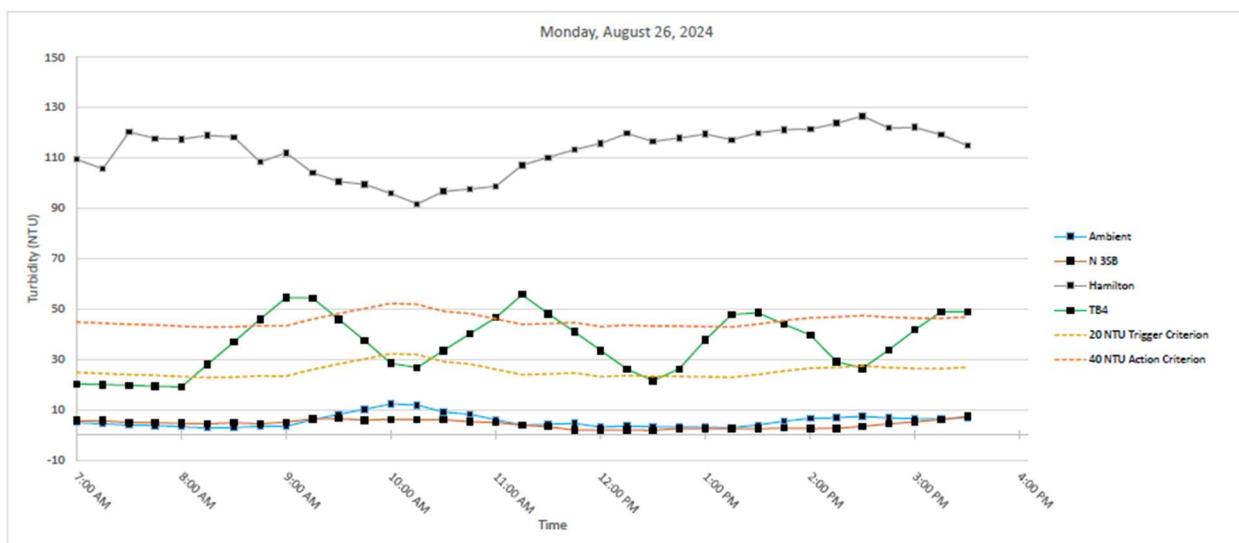
description of responses to exceedances of the trigger and action level criteria is provided in Section 4.2 of the WQMP.

### 3. TURBIDITY BUOY DATA

Throughout the reporting period, readings in RTA2 remained relatively stable. On Tuesday, August 27, between 08:15 and 09:00, the sonde at Hamilton Street Bridge was cleaned and relocated to the northeast side of the 9th Street Bridge. The remaining buoys were cleaned on Tuesday, August 27, between 12:00 and 15:00. Biofilm was observed on all buoys, though the impact on sensors varied.

#### 3.1 Monday, August 26, 2024

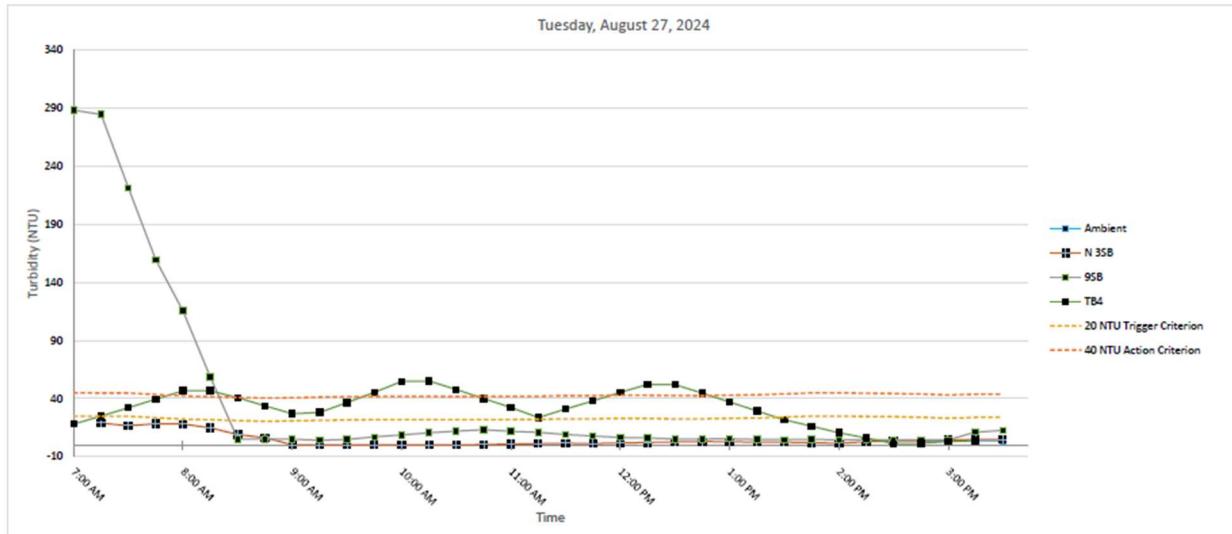
**Figure 4.** Hourly rolling average turbidity readings from 7 AM to 3:30 PM.



**Note:** Elevated readings at the Hamilton Street Bridge sentinel and the TB4 sentinel throughout the day were unrelated to construction activities and are considered background.

#### 3.2 Tuesday, August 27, 2024

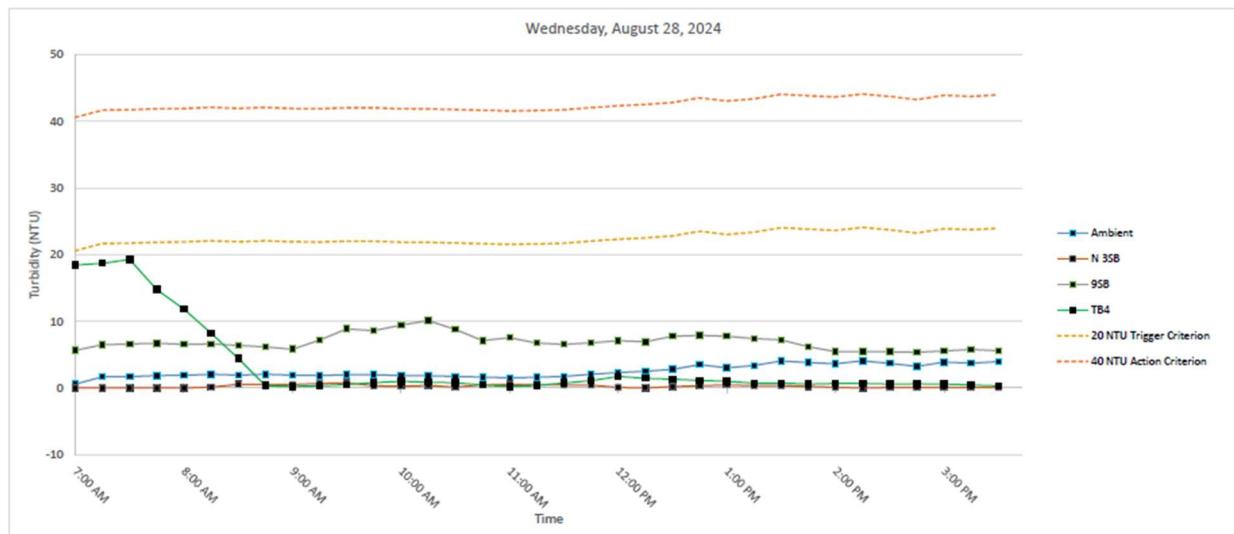
**Figure 5.** Hourly rolling average turbidity readings from 7 AM to 3:30 PM.



**Note:** Elevated readings at Hamilton Street bridge sentinel until it was moved to the northwest side of 9<sup>th</sup> Street Bridge at 08:15. Elevated readings in TB4 are considered background.

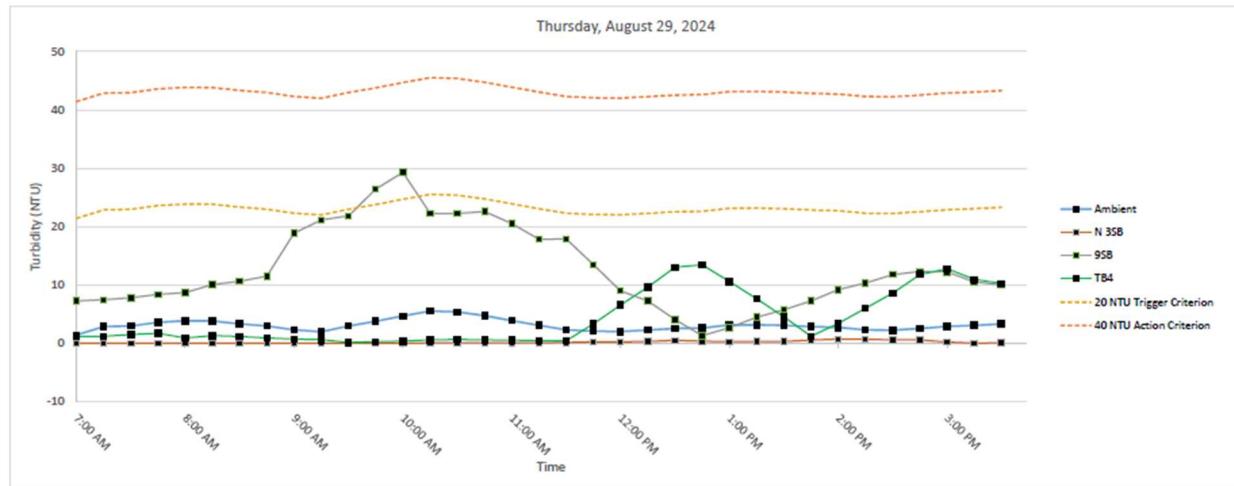
### 3.3 Wednesday, August 28, 2024

**Figure 6.** Hourly rolling average turbidity readings from 7 AM to 3:30 PM.



### **3.4      Thursday, August 29, 2024**

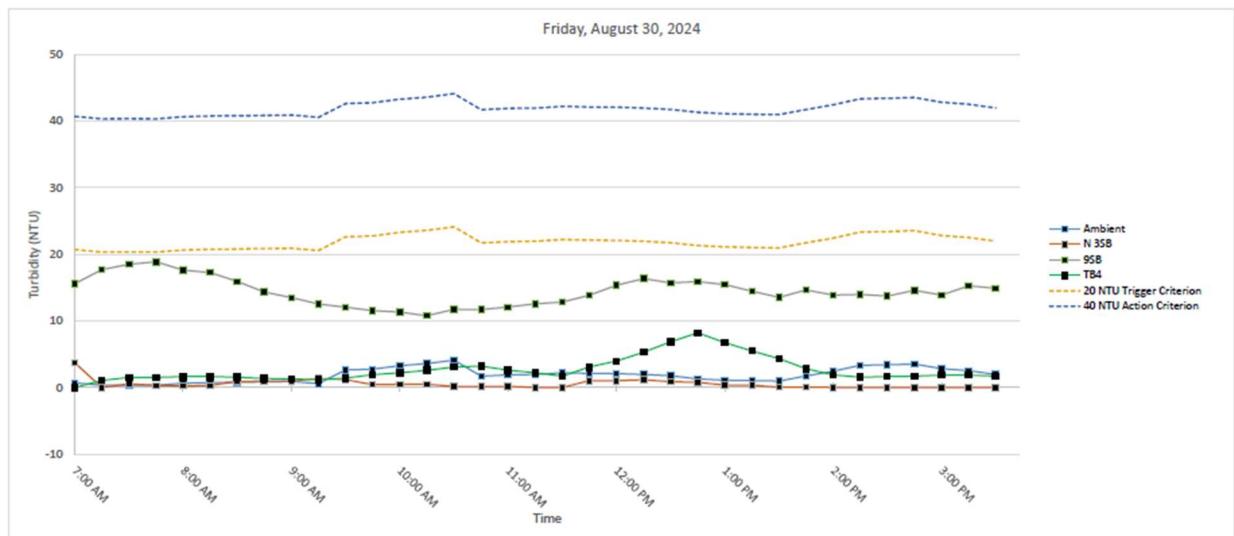
**Figure 7.** Hourly rolling average turbidity readings from 7 AM to 3:30 PM.



**Note:** Momentary exceedance to the trigger action criteria at the 9<sup>th</sup> St Bridge sentinel is attributed to construction barge movements within 100-feet of the sentinel.

### **3.5      Friday, August 30, 2024**

**Figure 8.** Hourly rolling average turbidity readings from 7 AM to 3:30 PM.



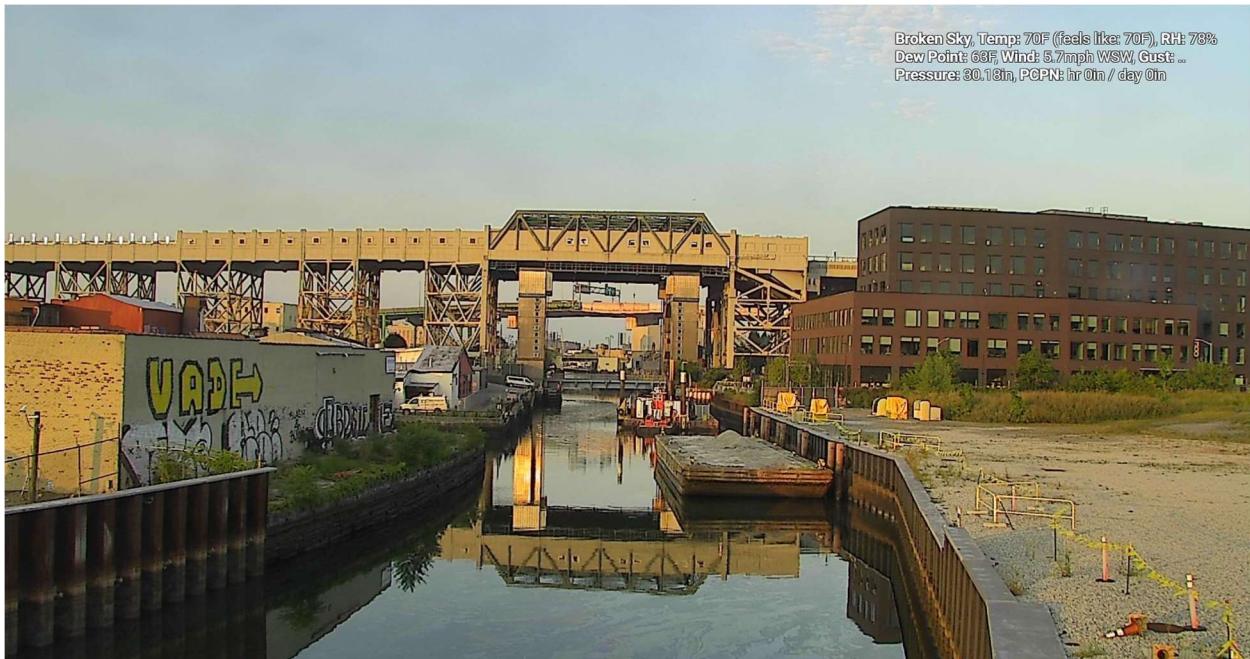
## **4. DISSOLVED OXYGEN MONITORING DATA**

Dissolved oxygen measured at the monitoring buoys throughout the reporting period is provided in Appendix B and summarized below:

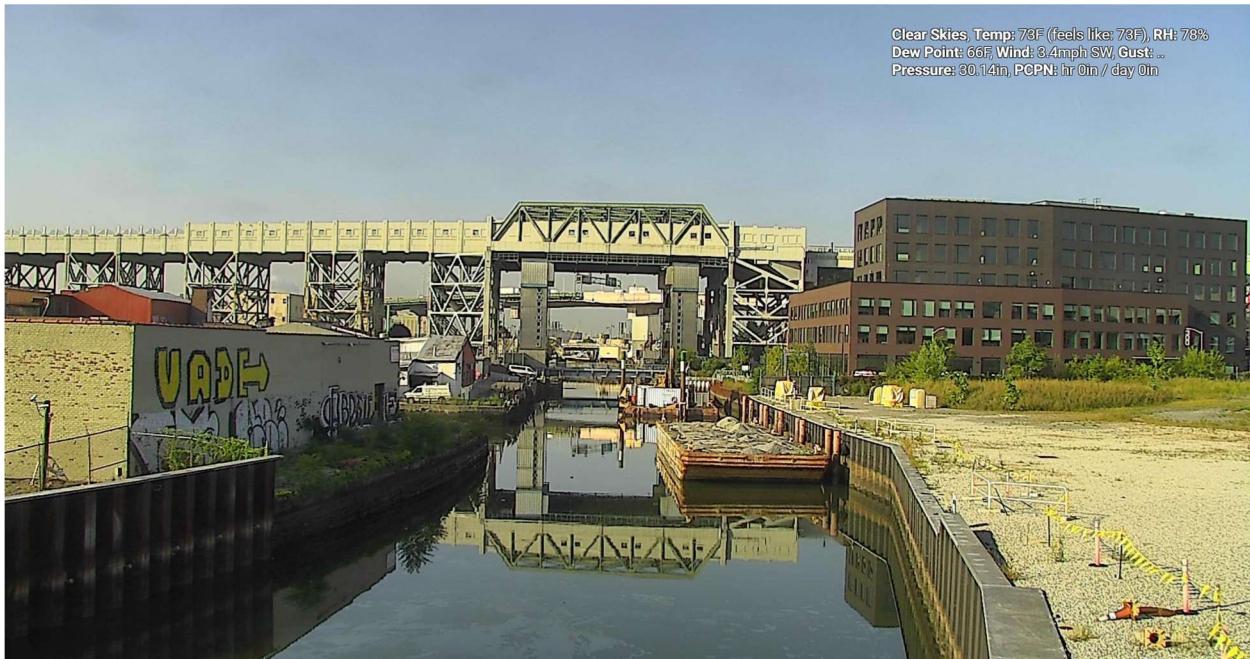
- Ambient
  - Average = 4.81 (+/-0.1) mg/L
  - Min = 3.33(+/-0.1) mg/L on Monday, August 26, 2024.
  - Max = 5.80 (+/-0.1) mg/L on Friday, August 30, 2024
- 3SB
  - Average = 4.82 (+/-0.1) mg/L
  - Min = 3.53 (+/-0.1) mg/L on Monday, August 26, 2024.
  - Max = 5.77 (+/-0.1) mg/L on Friday, August 30, 2024
- TB4
  - Average = 4.93 (+/-0.1) mg/L
  - Min = 2.94 (+/-0.1) mg/L on Tuesday, August 27, 2024
  - Max = 7.11 (+/-0.1) mg/L on Wednesday, August 28, 2024
- Hamilton Street Bridge (Hamilton) from August 26 to August 27 at 08:15
  - Average = 4.32 (+/-0.1) mg/L
  - Min = 3.24 (+/-0.1) mg/L on Tuesday, August 27, 2024
  - Max = 6.83 (+/-0.1) mg/L on Monday, August 26, 2024
- 9<sup>th</sup> Street Bridge from 08:15 on August 27 to September 2
  - Average = 5.04 (+/-0.1) mg/L
  - Min = 3.94 (+/-0.1) mg/L on Monday, August 27, 2024
  - Max = 7.99 (+/-0.1) mg/L on Tuesday, August 27, 2024

## 5. SUMMARY OF VISUAL OBSERVATIONS

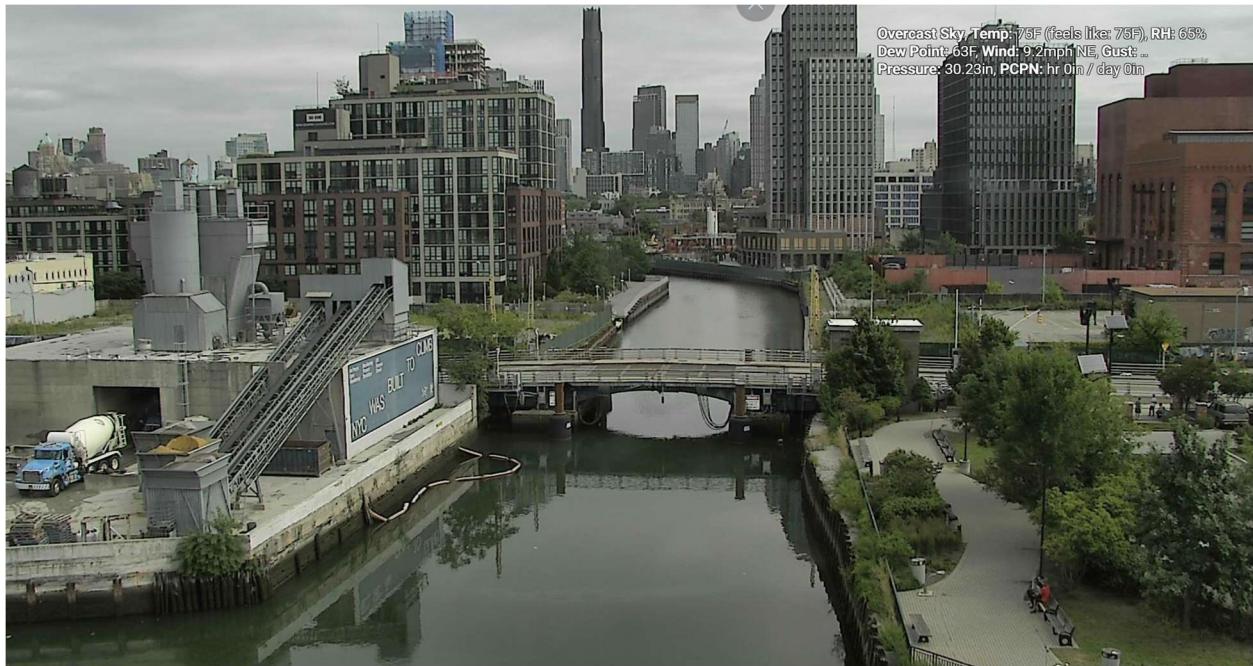
Throughout the reporting period, sheens in the RTA2 areas ranged from minimal to moderate. During work activities, three turbidity curtains were deployed: approximately 15 meters north of the 3rd Street Bridge, in Turning Basin 4, and about 10 meters south of the 9th Street Bridge.



**Figure 9 – August 26, 2024.** General Conditions in Canal north of 9<sup>th</sup> Street Bridge prior to work activities at 06:52. Moderate sheens noted prior to work activities.



**Figure 10 – August 27, 2024.** General Conditions in Canal at 9<sup>th</sup> Street Bridge during working activities at 08:37. No on-water construction work conducted on this day.



**Figure 11 – August 29, 2024.** General Conditions in Canal south of 3<sup>rd</sup> Street Bridge at 10:22. Light sheens noted.

## **APPENDIX A**

### **Turbidity Data Tables**

Table 3

Monday, August 26, 2024

Date	Time	Turbidity (NTU)				Rolling Average Turbidity (NTU)				Difference (NTU)		
		Ambient	N3SB	TB4	95B	Ambient	N3SB	TB4	95B	N3SB - Ambient	TB4 - Ambient	Hamilton - Ambient
8/26/2024	7:00:00 AM	5.65	4.81	18.30	109.38	4.80	5.59	20.19	109.38	0.79	15.39	104.57
8/26/2024	7:15:00 AM	2.40	5.60	18.91	101.92	4.32	5.59	19.94	105.65	1.27	15.62	101.33
8/26/2024	7:30:00 AM	1.89	6.69	18.63	149.36	3.86	4.86	19.66	120.22	1.00	15.80	116.36
8/26/2024	7:45:00 AM	3.52	2.48	19.23	110.25	3.62	4.79	19.27	117.73	1.17	15.65	114.11
8/26/2024	8:00:00 AM	2.04	3.10	20.38	116.29	3.10	4.54	19.09	117.44	1.44	15.99	114.34
8/26/2024	8:15:00 AM	3.70	4.12	62.72	116.77	2.71	4.40	27.98	118.92	1.69	25.26	116.20
8/26/2024	8:30:00 AM	3.14	7.57	63.31	98.78	2.86	4.79	36.86	118.29	1.93	34.00	115.43
8/26/2024	8:45:00 AM	4.15	4.68	63.50	99.62	3.31	4.39	45.83	108.34	1.08	42.52	105.03
8/26/2024	9:00:00 AM	3.48	5.57	62.77	128.38	3.30	5.01	54.54	111.97	1.71	51.23	108.66
8/26/2024	9:15:00 AM	15.07	9.49	19.60	77.01	5.91	6.29	54.38	104.11	0.38	48.47	98.20
8/26/2024	9:30:00 AM	14.85	4.49	20.17	98.72	8.14	6.36	45.87	100.50	-1.78	37.73	92.36
8/26/2024	9:45:00 AM	13.12	4.45	20.33	93.34	10.13	5.74	37.27	99.41	-4.40	27.14	89.28
8/26/2024	10:00:00 AM	14.41	6.64	19.03	81.69	12.18	6.13	28.38	95.83	-6.06	16.19	83.64
8/26/2024	10:15:00 AM	1.48	4.62	54.24	107.50	11.78	5.94	26.67	91.65	-5.85	14.89	79.87
8/26/2024	10:30:00 AM	1.35	9.54	53.54	101.85	9.04	5.95	33.46	96.62	-3.09	24.42	87.58
8/26/2024	10:45:00 AM	10.37	0.86	53.15	103.58	8.14	5.22	40.06	97.59	-2.92	31.92	89.45
8/26/2024	11:00:00 AM	2.34	2.37	52.46	98.79	5.99	4.80	46.49	98.68	-1.18	40.50	92.69
8/26/2024	11:15:00 AM	3.84	1.55	64.90	123.85	3.88	3.79	55.66	107.12	-0.09	51.78	103.24
8/26/2024	11:30:00 AM	2.83	1.26	16.45	122.84	4.15	3.11	48.10	110.18	-1.03	43.96	106.04
8/26/2024	11:45:00 AM	3.29	3.08	17.63	117.27	4.53	1.82	40.92	113.27	-2.71	36.39	108.73
8/26/2024	12:00:00 PM	2.80	1.25	15.77	115.66	3.02	1.90	33.44	115.68	-1.12	30.42	112.66
8/26/2024	12:15:00 PM	4.69	2.23	15.67	118.69	3.49	1.87	26.09	119.66	-1.62	22.60	116.17
8/26/2024	12:30:00 PM	2.13	1.07	41.96	107.96	3.15	1.78	21.50	116.49	-1.37	18.35	113.34
8/26/2024	12:45:00 PM	2.82	4.79	39.82	129.86	3.14	2.48	26.17	117.89	-0.66	23.03	114.75
8/26/2024	1:00:00 PM	2.48	2.31	75.29	124.74	2.98	2.33	37.70	119.38	-0.65	34.72	116.40
8/26/2024	1:15:00 PM	2.09	1.68	65.93	104.61	2.84	2.41	47.73	117.17	-0.43	44.89	114.33
8/26/2024	1:30:00 PM	10.02	1.82	19.18	132.20	3.91	2.33	48.43	119.88	-1.57	44.53	115.97
8/26/2024	1:45:00 PM	9.37	2.62	19.12	114.38	5.35	2.64	43.87	121.16	-2.71	38.51	115.80
8/26/2024	2:00:00 PM	8.37	4.04	18.81	131.09	6.46	2.49	39.66	121.40	-3.97	33.20	114.94
8/26/2024	2:15:00 PM	3.90	2.42	21.77	136.31	6.75	2.52	28.96	123.72	-4.23	22.21	116.97
8/26/2024	2:30:00 PM	5.17	5.51	53.29	118.85	7.37	3.28	26.43	126.57	-4.08	19.07	119.20
8/26/2024	2:45:00 PM	6.46	7.06	55.48	108.34	6.65	4.33	33.69	121.80	-2.32	27.04	115.14
8/26/2024	3:00:00 PM	7.91	6.52	59.06	115.87	6.36	5.11	41.68	122.09	-1.25	35.32	115.73
8/26/2024	3:15:00 PM	7.73	8.64	55.00	116.43	6.23	6.03	48.92	119.16	-0.21	42.69	112.93
8/26/2024	3:30:00 PM	6.84	8.56	21.53	--	6.82	7.26	48.87	114.87	0.43	42.05	108.05

Table 4

Tuesday, August 27, 2024

Date	Time	Turbidity (NTU)				Rolling Average Turbidity (NTU)				Difference (NTU)		
		Ambient	N3SB	TB4	9SB	Ambient	N3SB	TB4	9SB	N3SB - Ambient	TB4 - Ambient	9SB - Ambient
8/27/2024	7:00:00	2.63	15.04	19.40	289.16	4.86	18.01	17.75	288.40	13.15	12.90	283.54
8/27/2024	7:15:00	4.60	22.43	19.08	270.25	4.80	18.89	18.02	284.77	14.09	13.22	279.96
8/27/2024	7:30:00	4.17	10.90	49.71	3.79	4.82	16.71	24.87	221.66	11.89	20.05	216.84
8/27/2024	7:45:00	0.00	24.37	54.61	7.09	3.53	18.36	32.16	159.47	14.83	28.63	155.94
8/27/2024	8:00:00	0.00	--	54.68	8.15	2.28	18.19	39.50	115.69	15.90	37.21	113.41
8/27/2024	8:15:00	0.00	0.97	55.75	3.09	1.75	14.67	46.76	58.47	12.91	45.01	56.72
8/27/2024	8:30:00	--	0.00	18.90	3.40	1.04	9.06	46.73	5.11	8.02	45.68	4.06
8/27/2024	8:45:00	1.64	0.00	20.00	4.28	0.41	6.33	40.79	5.20	5.92	40.38	4.79
8/27/2024	9:00:00	1.50	0.00	19.17	6.31	0.79	0.24	33.70	5.05	-0.54	32.91	4.26
8/27/2024	9:15:00	2.18	--	20.64	3.46	1.33	0.24	26.89	4.11	-1.09	25.56	2.78
8/27/2024	9:30:00	1.46	--	61.13	6.85	1.70	0.00	27.97	4.86	-1.70	26.27	3.16
8/27/2024	9:45:00	2.08	0.00	62.18	14.18	1.77	0.00	36.62	7.02	-1.77	34.85	5.24
8/27/2024	10:00:00	2.82	0.00	63.90	13.02	2.01	0.00	45.40	8.77	-2.01	43.40	6.76
8/27/2024	10:15:00	0.88	0.00	66.37	15.03	1.88	0.00	54.84	10.51	-1.88	52.96	8.62
8/27/2024	10:30:00	1.55	--	22.67	11.51	1.76	0.00	55.25	12.12	-1.76	53.49	10.36
8/27/2024	10:45:00	1.81	1.85	23.56	12.45	1.83	0.46	47.74	13.24	-1.37	45.91	11.41
8/27/2024	11:00:00	2.90	1.18	23.44	7.42	1.99	0.76	39.99	11.88	-1.24	38.00	9.89
8/27/2024	11:15:00	3.10	--	25.24	8.04	2.05	1.01	32.26	10.89	-1.04	30.21	8.84
8/27/2024	11:30:00	3.37	1.44	23.45	5.40	2.55	1.49	23.67	8.96	-1.06	21.13	6.42
8/27/2024	11:45:00	1.68	0.66	59.04	5.33	2.57	1.28	30.95	7.73	-1.29	28.37	5.15
8/27/2024	12:00:00	3.40	3.21	58.81	--	2.89	1.62	38.00	6.55	-1.27	35.10	3.66
8/27/2024	12:15:00	2.22	3.63	60.12	5.73	2.75	2.24	45.33	6.12	-0.52	42.58	3.37
8/27/2024	12:30:00	2.31	3.53	59.76	4.26	2.60	2.50	52.23	5.18	-0.10	49.64	2.58
8/27/2024	12:45:00	3.20	3.39	21.97	5.41	2.56	2.89	51.94	5.18	0.32	49.38	2.62
8/27/2024	13:00:00	4.29	0.18	22.52	6.07	3.08	2.79	44.63	5.37	-0.29	41.55	2.28
8/27/2024	13:15:00	4.46	1.56	20.87	3.35	3.30	2.46	37.05	4.96	-0.83	33.75	1.67
8/27/2024	13:30:00	5.86	3.32	21.63	4.52	4.02	2.40	29.35	4.72	-1.63	25.33	0.70
8/27/2024	13:45:00	6.86	--	--	4.51	4.93	2.11	21.75	4.77	-2.82	16.81	-0.16
8/27/2024	14:00:00	2.67	1.09	0.00	4.29	4.83	1.54	16.25	4.55	-3.29	11.43	-0.28
8/27/2024	14:15:00	3.40	5.20	0.00	5.15	4.65	2.79	10.63	4.36	-1.86	5.98	-0.28
8/27/2024	14:30:00	3.23	4.39	2.88	3.98	4.40	3.50	6.13	4.49	-0.90	1.72	0.09
8/27/2024	14:45:00	3.15	3.56	2.01	4.65	3.86	3.56	1.22	4.52	-0.30	-2.64	0.66
8/27/2024	15:00:00	3.44	7.04	2.34	3.80	3.18	4.26	1.45	4.38	1.08	-1.73	1.20
8/27/2024	15:15:00	5.47	3.71	7.27	37.93	3.74	4.78	2.90	11.10	1.04	-0.84	7.37
8/27/2024	15:30:00	--	--	--	--	3.82	4.67	3.62	12.59	0.85	-0.20	8.77

Table 5

Wednesday, August 28, 2024

	Time	Turbidity (NTU)				Rolling Average Turbidity (NTU)				Difference (NTU)		
		Ambient	N3SB	TB4	9SB	Ambient	N3SB	TB4	9SB	N3SB - Ambient	TB4 - Ambient	9SB - Ambient
Date												
8/28/2024	7:00:00	0.58	0.00	18.45	5.64	0.58	0.00	18.45	5.64	-0.58	17.87	5.06
8/28/2024	7:15:00	2.77	--	18.96	7.30	1.67	0.00	18.71	6.47	-1.67	17.04	4.80
8/28/2024	7:30:00	1.76	--	20.41	6.88	1.70	0.00	19.27	6.61	-1.70	17.57	4.91
8/28/2024	7:45:00	2.30	0.00	1.22	7.02	1.85	0.00	14.76	6.71	-1.85	12.91	4.86
8/28/2024	8:00:00	2.05	0.00	0.00	5.83	1.89	0.00	11.81	6.53	-1.89	9.92	4.64
8/28/2024	8:15:00	1.49	0.37	0.41	6.01	2.07	0.12	8.20	6.61	-1.95	6.13	4.53
8/28/2024	8:30:00	2.00	1.82	0.16	6.12	1.92	0.55	4.44	6.37	-1.37	2.52	4.45
8/28/2024	8:45:00	2.45	0.34	0.00	5.72	2.06	0.51	0.36	6.14	-1.55	-1.70	4.08
8/28/2024	9:00:00	1.54	0.00	0.62	5.38	1.91	0.51	0.24	5.81	-1.40	-1.67	3.90
8/28/2024	9:15:00	--	0.92	0.40	12.62	1.87	0.69	0.32	7.17	-1.18	-1.55	5.30
8/28/2024	9:30:00	2.03	--	1.50	14.48	2.01	0.77	0.54	8.86	-1.24	-1.47	6.86
8/28/2024	9:45:00	2.00	0.00	1.40	4.77	2.01	0.31	0.79	8.59	-1.69	-1.22	6.59
8/28/2024	10:00:00	1.85	0.20	0.96	9.85	1.86	0.28	0.98	9.42	-1.58	-0.88	7.56
8/28/2024	10:15:00	1.44	0.38	0.00	8.80	1.83	0.37	0.85	10.10	-1.46	-0.98	8.27
8/28/2024	10:30:00	1.40	0.00	0.00	5.98	1.75	0.14	0.77	8.78	-1.60	-0.97	7.03
8/28/2024	10:45:00	1.46	1.88	0.00	6.18	1.63	0.49	0.47	7.11	-1.14	-1.16	5.48
8/28/2024	11:00:00	1.50	0.30	--	6.91	1.53	0.55	0.24	7.54	-0.98	-1.29	6.01
8/28/2024	11:15:00	2.19	0.00	1.59	5.80	1.60	0.51	0.40	6.73	-1.09	-1.20	5.13
8/28/2024	11:30:00	1.99	0.00	1.40	7.76	1.71	0.44	0.75	6.53	-1.27	-0.96	4.82
8/28/2024	11:45:00	3.01	0.00	1.41	7.25	2.03	0.44	1.10	6.78	-1.59	-0.93	4.75
8/28/2024	12:00:00	2.88	--	2.46	7.78	2.31	0.08	1.72	7.10	-2.24	-0.60	4.78
8/28/2024	12:15:00	2.46	0.06	0.47	6.04	2.51	0.01	1.47	6.92	-2.49	-1.04	4.42
8/28/2024	12:30:00	3.67	0.67	0.87	9.97	2.80	0.18	1.32	7.76	-2.62	-1.48	4.95
8/28/2024	12:45:00	5.47	0.67	0.39	8.45	3.50	0.35	1.12	7.89	-3.15	-2.38	4.40
8/28/2024	13:00:00	0.63	0.44	0.83	6.56	3.02	0.46	1.00	7.76	-2.56	-2.02	4.74
8/28/2024	13:15:00	4.54	0.00	1.06	5.95	3.35	0.37	0.72	7.39	-2.99	-2.63	4.04
8/28/2024	13:30:00	5.82	0.00	0.47	5.10	4.03	0.36	0.73	7.20	-3.67	-3.30	3.18
8/28/2024	13:45:00	2.58	0.00	0.15	4.85	3.81	0.22	0.58	6.18	-3.59	-3.23	2.37
8/28/2024	14:00:00	4.56	--	0.86	4.85	3.63	0.11	0.67	5.46	-3.52	-2.95	1.83
8/28/2024	14:15:00	2.83	--	0.83	6.55	4.07	0.00	0.68	5.46	-4.07	-3.39	1.39
8/28/2024	14:30:00	2.76	0.21	--	5.78	3.71	0.07	0.58	5.42	-3.64	-3.13	1.71
8/28/2024	14:45:00	3.42	0.00	0.60	4.72	3.23	0.07	0.61	5.35	-3.16	-2.62	2.12
8/28/2024	15:00:00	5.86	--	0.00	5.80	3.89	0.11	0.57	5.54	-3.78	-3.31	1.65
8/28/2024	15:15:00	3.74	0.04	0.38	6.04	3.72	0.08	0.45	5.78	-3.64	-3.27	2.06
8/28/2024	15:30:00	--	--	--	--	3.94	0.08	0.33	5.58	-3.86	-3.62	1.64

Table 6

Thursday, August 29, 2024

	Time	Turbidity (NTU)				Rolling Average Turbidity (NTU)				Difference (NTU)		
		Ambient	N3SB	TB4	9SB	Ambient	N3SB	TB4	9SB	N3SB - Ambient	TB4 - Ambient	9SB - Ambient
Date												
8/29/2024	7:00:00	1.42	--	0.16	7.27	1.42	0.00	1.16	7.27	-1.42	-0.26	5.85
8/29/2024	7:15:00	4.32	--	0.80	7.67	2.87	0.00	1.22	7.47	-2.87	-1.65	4.60
8/29/2024	7:30:00	3.16	--	1.49	8.46	2.97	0.00	1.52	7.80	-2.97	-1.45	4.84
8/29/2024	7:45:00	5.49	--	1.10	10.17	3.60	0.00	1.74	8.39	-3.60	-1.86	4.80
8/29/2024	8:00:00	4.91	--	1.09	9.84	3.86	--	0.93	8.68	--	-2.93	4.82
8/29/2024	8:15:00	1.24	--	2.10	14.20	3.82	--	1.32	10.07	--	-2.51	6.25
8/29/2024	8:30:00	1.88	--	0.10	10.45	3.34	--	1.18	10.62	--	-2.16	7.29
8/29/2024	8:45:00	1.37	--	0.20	12.86	2.98	--	0.92	11.50	--	-2.06	8.53
8/29/2024	9:00:00	2.07	--	0.14	47.16	2.29	--	0.73	18.90	--	-1.57	16.61
8/29/2024	9:15:00	3.41	--	--	--	1.99	--	0.64	21.17	--	-1.36	19.17
8/29/2024	9:30:00	6.16	--	0.16	16.81	2.98	--	0.15	21.82	--	-2.83	18.84
8/29/2024	9:45:00	5.85	0.00	0.65	28.86	3.77	0.00	0.29	26.42	-3.77	-3.48	22.65
8/29/2024	10:00:00	5.98	0.00	0.52	24.35	4.69	0.00	0.37	29.30	-4.69	-4.33	24.60
8/29/2024	10:15:00	6.20	0.23	1.05	18.98	5.52	0.08	0.59	22.25	-5.44	-4.93	16.73
8/29/2024	10:30:00	2.75	0.00	0.81	--	5.39	0.06	0.64	22.25	-5.33	-4.75	16.86
8/29/2024	10:45:00	2.88	--	0.00	18.21	4.73	0.06	0.61	22.60	-4.68	-4.13	17.87
8/29/2024	11:00:00	1.65	0.00	0.36	--	3.89	0.06	0.55	20.52	-3.84	-3.35	16.62
8/29/2024	11:15:00	1.85	0.00	0.03	16.27	3.07	0.06	0.45	17.82	-3.01	-2.62	14.75
8/29/2024	11:30:00	2.36	0.49	1.05	19.14	2.30	0.12	0.45	17.87	-2.18	-1.85	15.57
8/29/2024	11:45:00	1.60	0.56	15.16	0.28	2.07	0.26	3.32	13.48	-1.81	1.25	11.41
8/29/2024	12:00:00	2.62	--	16.11	0.24	2.02	0.26	6.54	8.98	-1.75	4.53	6.96
8/29/2024	12:15:00	2.90	0.21	15.77	0.23	2.27	0.32	9.63	7.23	-1.95	7.36	4.97
8/29/2024	12:30:00	3.29	0.72	17.09	0.41	2.55	0.50	13.04	4.06	-2.06	10.48	1.51
8/29/2024	12:45:00	2.70	0.00	3.15	5.46	2.62	0.37	13.46	1.32	-2.25	10.84	-1.30
8/29/2024	13:00:00	4.20	0.23	0.84	7.03	3.14	0.29	10.59	2.67	-2.85	7.45	-0.47
8/29/2024	13:15:00	2.75	0.39	1.18	9.26	3.17	0.31	7.61	4.48	-2.86	4.44	1.31
8/29/2024	13:30:00	2.39	0.26	0.43	6.69	3.07	0.32	4.54	5.77	-2.75	1.47	2.70
8/29/2024	13:45:00	2.20	1.90	0.52	7.86	2.85	0.55	1.23	7.26	-2.29	-1.62	4.41
8/29/2024	14:00:00	2.06	0.84	13.98	15.30	2.72	0.72	3.39	9.22	-2.00	0.67	6.50
8/29/2024	14:15:00	2.09	0.00	13.88	12.53	2.30	0.68	6.00	10.33	-1.62	3.70	8.03
8/29/2024	14:30:00	2.52	0.00	14.26	16.49	2.25	0.60	8.61	11.77	-1.65	6.36	9.52
8/29/2024	14:45:00	3.89	0.19	16.18	9.44	2.55	0.59	11.76	12.32	-1.97	9.21	9.77
8/29/2024	15:00:00	3.89	0.00	5.70	7.43	2.89	0.21	12.80	12.24	-2.68	9.91	9.35
8/29/2024	15:15:00	2.96	0.00	4.88	6.70	3.07	0.04	10.98	10.52	-3.03	7.91	7.45
8/29/2024	15:30:00	--	--	--	--	3.31	0.05	10.26	10.02	-3.27	6.94	6.70

Table 7

Friday, August 30, 2024

	Time	Turbidity (NTU)				Rolling Average Turbidity (NTU)						
		Ambient	N3SB	TB4	9SB	Ambient	N3SB	TB4	9SB	N3SB - Ambient	TB4 - Ambient	9SB - Ambient
Date												
8/30/2024	7:00:00	0.42	--	0.65	15.59	0.72	3.73	0.00	15.59	3.01	28.45	366.50
8/30/2024	7:15:00	0.25	--	1.47	19.83	0.33	--	1.06	17.71	--	0.73	17.37
8/30/2024	7:30:00	0.40	0.54	2.45	20.12	0.36	0.54	1.52	18.51	0.18	1.17	18.16
8/30/2024	7:45:00	0.26	0.13	1.52	20.00	0.33	0.34	1.52	18.88	0.00	1.19	18.55
8/30/2024	8:00:00	1.91	0.00	2.04	12.65	0.65	0.23	1.63	17.64	-0.42	0.98	16.99
8/30/2024	8:15:00	0.95	0.68	0.67	13.65	0.76	0.34	1.63	17.25	-0.42	0.87	16.49
8/30/2024	8:30:00	0.51	3.05	1.12	13.24	0.81	0.88	1.56	15.93	0.07	0.75	15.12
8/30/2024	8:45:00	0.63	--	1.44	12.09	0.85	0.97	1.36	14.33	0.11	0.50	13.47
8/30/2024	9:00:00	0.54	0.00	1.27	15.85	0.91	0.93	1.31	13.50	0.02	0.40	12.59
8/30/2024	9:15:00	0.25	1.65	1.35	7.89	0.58	1.35	1.17	12.55	0.77	0.59	11.97
8/30/2024	9:30:00	11.24	0.10	1.95	11.20	2.64	1.20	1.43	12.05	-1.44	-1.21	9.42
8/30/2024	9:45:00	1.15	0.00	3.61	10.65	2.76	0.44	1.93	11.54	-2.33	-0.84	8.77
8/30/2024	10:00:00	--	0.68	2.86	10.97	3.30	0.49	2.21	11.31	-2.81	-1.09	8.01
8/30/2024	10:15:00	1.73	0.00	3.13	13.16	3.59	0.49	2.58	10.77	-3.11	-1.01	7.18
8/30/2024	10:30:00	2.37	0.00	3.91	12.81	4.12	0.16	3.09	11.76	-3.97	-1.03	7.64
8/30/2024	10:45:00	1.62	0.00	2.68	10.99	1.72	0.14	3.24	11.72	-1.58	1.52	10.00
8/30/2024	11:00:00	--	--	0.59	12.60	1.91	0.17	2.63	12.11	-1.74	0.73	10.20
8/30/2024	11:15:00	2.13	--	0.78	13.34	1.96	0.00	2.22	12.58	-1.96	0.26	10.62
8/30/2024	11:30:00	2.76	--	0.58	14.40	2.22	0.00	1.71	12.83	-2.22	-0.51	10.61
8/30/2024	11:45:00	2.03	2.07	10.77	17.97	2.13	1.03	3.08	13.86	-1.10	0.94	11.73
8/30/2024	12:00:00	1.48	0.00	7.20	18.49	2.10	1.03	3.98	15.36	-1.07	1.88	13.26
8/30/2024	12:15:00	1.39	1.47	7.14	17.59	1.96	1.18	5.29	16.36	-0.78	3.33	14.40
8/30/2024	12:30:00	1.13	0.00	8.58	10.21	1.76	0.88	6.85	15.73	-0.87	5.09	13.97
8/30/2024	12:45:00	0.55	0.30	7.35	15.39	1.32	0.77	8.21	15.93	-0.55	6.89	14.61
8/30/2024	13:00:00	1.04	0.00	3.41	15.61	1.12	0.35	6.74	15.46	-0.76	5.62	14.34
8/30/2024	13:15:00	--	0.00	0.96	13.45	1.03	0.35	5.49	14.45	-0.67	4.46	13.42
8/30/2024	13:30:00	1.19	0.00	1.37	12.98	0.98	0.06	4.33	13.53	-0.92	3.36	12.55
8/30/2024	13:45:00	4.13	--	1.14	15.95	1.73	0.07	2.85	14.68	-1.65	1.12	12.95
8/30/2024	14:00:00	3.42	--	2.68	11.47	2.45	0.00	1.91	13.89	-2.45	-0.53	11.45
8/30/2024	14:15:00	4.66	--	1.68	16.19	3.35	0.00	1.57	14.01	-3.35	-1.78	10.66
8/30/2024	14:30:00	3.68	--	1.37	12.01	3.42	0.00	1.65	13.72	-3.42	-1.77	10.30
8/30/2024	14:45:00	1.87	--	1.75	17.28	3.55	--	1.73	14.58	--	-1.83	11.03
8/30/2024	15:00:00	0.50	--	1.87	12.45	2.83	--	1.87	13.88	--	-0.96	11.05
8/30/2024	15:15:00	1.94	--	2.71	18.43	2.53	--	1.88	15.27	--	-0.66	12.74
8/30/2024	15:30:00	1.91	--	0.87	14.50	1.98	--	1.71	14.94	--	-0.27	12.95

## **APPENDIX B**

### **Dissolved Oxygen Data**

Table 8

August 26 - August 30, 2024

Date	Time	DO (mg/L)			
		Ambient	N3SB	TB4	9SB/Hamilton
8/25/24	11:00 PM	3.5	4.5	4.4	4.5
8/25/24	11:15 PM	3.6	4.5	4.0	4.7
8/25/24	11:30 PM	3.6	4.3	4.4	4.7
8/25/24	11:45 PM	3.6	3.9	4.4	4.7
8/26/24	12:00 AM	3.6	3.6	4.3	4.6
8/26/24	12:15 AM	3.6	3.9	4.0	4.5
8/26/24	12:30 AM	3.7	3.5	3.6	4.2
8/26/24	12:45 AM	4.0	3.8	4.0	4.2
8/26/24	1:00 AM	4.3	3.9	4.0	4.2
8/26/24	1:15 AM	4.3	4.0	3.8	4.2
8/26/24	1:30 AM	4.3	4.0	4.2	4.1
8/26/24	1:45 AM	4.3	4.1	4.1	4.1
8/26/24	2:00 AM	4.3	4.1	4.2	3.9
8/26/24	2:15 AM	4.4	4.1	4.1	3.9
8/26/24	2:30 AM	3.6	4.2	3.9	4.5
8/26/24	2:45 AM	4.1	4.3	4.0	4.5
8/26/24	3:00 AM	4.2	4.4	4.2	4.4
8/26/24	3:15 AM	4.2	4.2	4.0	4.4
8/26/24	3:30 AM	4.2	4.3	3.9	4.4
8/26/24	3:45 AM	4.3	4.3	3.9	4.4
8/26/24	4:00 AM	4.3	4.3	3.6	4.3
8/26/24	4:15 AM	4.5	4.2	3.7	4.2
8/26/24	4:30 AM	4.5	4.2	3.7	4.1
8/26/24	4:45 AM	4.5	4.3	3.5	4.0
8/26/24	5:00 AM	4.7	4.4	3.6	3.9
8/26/24	5:15 AM	4.7	4.6	3.8	3.9
8/26/24	5:30 AM	4.7	4.6	3.7	3.8
8/26/24	5:45 AM	4.7	4.6	3.7	3.7
8/26/24	6:00 AM	4.6	4.6	3.9	3.6
8/26/24	6:15 AM	4.5	4.6	3.6	3.7
8/26/24	6:30 AM	4.5	4.6	3.6	3.7
8/26/24	6:45 AM	4.4	4.6	3.5	3.9
8/26/24	7:00 AM	4.4	4.5	3.6	3.6
8/26/24	7:15 AM	4.4	4.5	3.5	3.7
8/26/24	7:30 AM	4.3	4.4	3.8	3.5
8/26/24	7:45 AM	4.3	4.3	3.7	3.4
8/26/24	8:00 AM	4.3	4.4	3.8	3.5
8/26/24	8:15 AM	4.3	4.3	4.0	3.7
8/26/24	8:30 AM	4.4	4.3	4.0	3.6
8/26/24	8:45 AM	4.3	4.3	4.0	3.8
8/26/24	9:00 AM	4.3	4.3	4.1	3.8
8/26/24	9:15 AM	4.3	4.2	4.1	3.9
8/26/24	9:30 AM	4.2	4.1	4.3	3.8
8/26/24	9:45 AM	4.1	4.2	3.7	3.8
8/26/24	10:00 AM	3.9	4.0	3.7	3.6
8/26/24	10:15 AM	3.9	4.2	3.5	3.7
8/26/24	10:30 AM	3.9	4.1	3.6	3.9
8/26/24	10:45 AM	4.0	4.0	4.0	3.9
8/26/24	11:00 AM	3.9	3.9	4.3	4.0
8/26/24	11:15 AM	4.0	4.1	4.1	4.0
8/26/24	11:30 AM	3.9	4.1	4.2	4.1
8/26/24	11:45 AM	3.9	4.1	4.2	4.1
8/26/24	12:00 PM	3.9	4.0	4.2	4.2
8/26/24	12:15 PM	3.9	4.2	4.4	4.2
8/26/24	12:30 PM	3.9	4.0	4.8	4.3
8/26/24	12:45 PM	4.3	4.1	4.6	4.4
8/26/24	1:00 PM	4.3	4.2	5.0	4.6
8/26/24	1:15 PM	4.4	4.2	5.1	4.6
8/26/24	1:30 PM	4.5	4.3	4.9	4.7
8/26/24	1:45 PM	4.5	4.3	5.1	4.8
8/26/24	2:00 PM	4.4	4.3	5.0	4.8

Note: Data has not been validated

Table 8

August 26 - August 30, 2024

Date	Time	DO (mg/L)			
		Ambient	N3SB	TB4	9SB/Hamilton
8/26/24	2:15 PM	4.5	4.3	5.4	5.0
8/26/24	2:30 PM	4.5	4.4	5.8	5.0
8/26/24	2:45 PM	4.1	4.5	5.6	5.2
8/26/24	3:00 PM	4.2	4.5	5.8	5.3
8/26/24	3:15 PM	4.3	4.6	5.9	5.5
8/26/24	3:30 PM	4.4	4.5	5.6	6.1
8/26/24	3:45 PM	4.7	4.4	5.8	6.6
8/26/24	4:00 PM	4.7	4.5	5.9	6.8
8/26/24	4:15 PM	4.5	4.6	6.0	6.8
8/26/24	4:30 PM	5.0	4.7	6.1	6.4
8/26/24	4:45 PM	4.8	4.8	6.3	5.8
8/26/24	5:00 PM	5.2	4.8	6.4	6.0
8/26/24	5:15 PM	5.1	4.8	6.2	5.7
8/26/24	5:30 PM	5.1	5.1	6.4	5.6
8/26/24	5:45 PM	5.1	5.2	5.6	5.4
8/26/24	6:00 PM	5.2	5.3	5.7	5.4
8/26/24	6:15 PM	5.1	5.3	5.6	5.3
8/26/24	6:30 PM	5.1	5.3	5.5	5.2
8/26/24	6:45 PM	5.0	5.2	5.5	5.0
8/26/24	7:00 PM	4.9	5.1	5.3	5.1
8/26/24	7:15 PM	4.9	5.1	5.2	5.0
8/26/24	7:30 PM	4.7	5.0	4.9	5.0
8/26/24	7:45 PM	4.7	4.9	5.2	4.9
8/26/24	8:00 PM	4.5	4.9	5.9	5.0
8/26/24	8:15 PM	4.6	4.8	5.8	4.9
8/26/24	8:30 PM	4.6	4.7	5.7	4.9
8/26/24	8:45 PM	4.7	4.6	5.4	4.9
8/26/24	9:00 PM	4.7	4.6	5.4	4.9
8/26/24	9:15 PM	4.6	4.5	5.7	5.0
8/26/24	9:30 PM	4.8	4.5	5.3	4.8
8/26/24	9:45 PM	4.5	4.5	5.2	4.8
8/26/24	10:00 PM	4.5	4.6	4.8	4.5
8/26/24	10:15 PM	4.3	4.5	4.9	4.4
8/26/24	10:30 PM	4.2	4.4	5.1	4.4
8/26/24	10:45 PM	4.2	4.4	5.0	4.3
8/26/24	11:00 PM	3.7	4.2	5.0	4.4
8/26/24	11:15 PM	3.6	4.1	4.5	4.3
8/26/24	11:30 PM	3.5	4.1	4.9	4.2
8/26/24	11:45 PM	3.5	4.2	4.4	4.0
8/27/24	12:00 AM	3.3	4.0	4.3	4.0
8/27/24	12:15 AM	3.5	4.0	4.8	3.9
8/27/24	12:30 AM	3.5	4.0	4.3	4.0
8/27/24	12:45 AM	3.6	4.0	4.2	4.0
8/27/24	1:00 AM	3.7	3.9	3.5	4.0
8/27/24	1:15 AM	4.0	3.9	3.9	3.9
8/27/24	1:30 AM	3.8	3.9	3.9	3.9
8/27/24	1:45 AM	4.0	3.9	3.9	3.8
8/27/24	2:00 AM	4.1	3.9	4.2	3.8
8/27/24	2:15 AM	4.1	3.9	4.4	3.9
8/27/24	2:30 AM	4.2	3.9	4.8	3.7
8/27/24	2:45 AM	4.3	4.0	4.3	3.8
8/27/24	3:00 AM	4.4	4.0	3.8	3.9
8/27/24	3:15 AM	4.3	4.1	3.5	3.7
8/27/24	3:30 AM	4.2	4.2	2.9	3.8
8/27/24	3:45 AM	4.2	4.2	3.4	3.6
8/27/24	4:00 AM	4.3	4.2	4.0	3.6
8/27/24	4:15 AM	4.3	4.1	4.4	3.6
8/27/24	4:30 AM	4.2	4.3	4.8	3.5
8/27/24	4:45 AM	4.3	4.2	3.8	3.3
8/27/24	5:00 AM	4.3	4.2	3.8	3.4
8/27/24	5:15 AM	4.3	4.2	4.3	3.4

Note: Data has not been validated

Table 8

August 26 - August 30, 2024

Date	Time	DO (mg/L)			
		Ambient	N3SB	TB4	9SB/Hamilton
8/27/24	5:30 AM	4.6	4.3	4.2	3.3
8/27/24	5:45 AM	4.5	4.3	4.2	3.4
8/27/24	6:00 AM	4.5	4.4	4.2	3.4
8/27/24	6:15 AM	4.4	4.4	3.7	3.4
8/27/24	6:30 AM	4.5	4.4	3.6	3.3
8/27/24	6:45 AM	4.4	4.4	3.5	3.5
8/27/24	7:00 AM	4.3	4.5	3.5	3.4
8/27/24	7:15 AM	4.3	4.4	3.3	3.2
8/27/24	7:30 AM	4.5	4.5	3.2	4.1
8/27/24	7:45 AM	4.5	4.4	3.5	4.2
8/27/24	8:00 AM	4.5	4.4	3.2	4.1
8/27/24	8:15 AM	4.5	4.4	3.9	4.5
8/27/24	9:04 AM	5.5	4.6	3.8	4.3
8/27/24	9:15 AM	4.7	4.5	3.5	4.6
8/27/24	9:30 AM	4.7	4.5	3.9	4.8
8/27/24	9:45 AM	4.8	4.6	3.6	4.8
8/27/24	10:00 AM	4.7	4.5	4.0	4.7
8/27/24	10:15 AM	4.8	4.5	4.1	4.9
8/27/24	10:30 AM	4.8	4.5	4.1	4.7
8/27/24	10:45 AM	4.8	4.5	4.3	4.8
8/27/24	11:00 AM	4.9	4.6	3.9	4.6
8/27/24	11:15 AM	4.8	4.5	3.9	4.4
8/27/24	11:30 AM	4.9	4.6	4.2	4.5
8/27/24	11:45 AM	4.8	4.5	3.8	4.5
8/27/24	12:00 PM	4.7	4.5	3.9	4.6
8/27/24	12:15 PM	4.9	4.6	4.2	4.6
8/27/24	12:30 PM	4.7	4.6	4.5	4.3
8/27/24	12:45 PM	4.6	4.7	4.7	4.4
8/27/24	1:00 PM	4.7	4.6	4.3	4.5
8/27/24	1:15 PM	4.6	4.6	4.5	4.7
8/27/24	1:30 PM	4.7	4.6	4.4	4.8
8/27/24	1:45 PM	4.6	4.6	4.6	4.7
8/27/24	2:00 PM	4.5	4.7	4.9	4.5
8/27/24	2:15 PM	4.6	4.6	4.5	4.6
8/27/24	2:30 PM	4.7	4.6	4.5	4.4
8/27/24	2:45 PM	4.7	4.6	4.5	4.7
8/27/24	3:00 PM	4.8	4.9	6.3	5.0
8/27/24	3:15 PM	4.8	4.9	6.1	5.4
8/27/24	3:30 PM	4.8	4.9	6.5	5.6
8/27/24	3:45 PM	4.7	5.0	6.4	6.4
8/27/24	4:00 PM	4.8	5.0	6.5	6.3
8/27/24	4:15 PM	4.6	5.0	6.6	6.1
8/27/24	4:30 PM	4.2	5.0	6.8	7.2
8/27/24	4:45 PM	4.4	4.9	6.9	6.9
8/27/24	5:00 PM	4.5	4.6	6.9	7.5
8/27/24	5:15 PM	4.6	4.6	6.6	--
8/27/24	5:30 PM	4.6	4.7	6.9	7.9
8/27/24	5:45 PM	4.7	4.8	6.9	7.0
8/27/24	6:00 PM	4.8	4.9	7.0	--
8/27/24	6:15 PM	5.0	5.0	7.0	6.9
8/27/24	6:30 PM	5.2	5.1	7.1	7.9
8/27/24	6:45 PM	5.4	5.2	7.0	6.5
8/27/24	7:00 PM	5.4	5.3	6.9	6.5
8/27/24	7:15 PM	5.4	5.4	6.9	6.4
8/27/24	7:30 PM	5.5	5.3	7.0	7.9
8/27/24	7:45 PM	5.5	5.4	6.8	7.0
8/27/24	8:00 PM	5.5	5.4	6.8	7.0
8/27/24	8:15 PM	5.5	5.4	6.5	7.5
8/27/24	8:30 PM	5.5	5.4	6.5	7.7
8/27/24	8:45 PM	5.4	5.4	6.3	7.6
8/27/24	9:00 PM	5.4	5.4	6.2	8.0

Note: Data has not been validated

Table 8

August 26 - August 30, 2024

Date	Time	DO (mg/L)			
		Ambient	N3SB	TB4	9SB/Hamilton
8/27/24	9:15 PM	5.4	5.3	6.1	7.7
8/27/24	9:30 PM	5.3	5.3	6.1	7.0
8/27/24	9:45 PM	5.3	5.2	5.9	6.6
8/27/24	10:00 PM	5.3	5.1	5.9	5.6
8/27/24	10:15 PM	5.2	5.2	6.0	5.2
8/27/24	10:30 PM	5.1	5.1	5.7	5.1
8/27/24	10:45 PM	5.0	4.9	5.7	5.0
8/27/24	11:00 PM	4.9	5.0	5.5	4.9
8/27/24	11:15 PM	4.6	4.9	5.5	4.9
8/27/24	11:30 PM	4.5	4.9	5.4	4.7
8/27/24	11:45 PM	4.4	4.8	5.5	5.0
8/28/24	12:00 AM	4.5	4.8	5.1	4.7
8/28/24	12:15 AM	4.4	4.7	5.6	4.7
8/28/24	12:30 AM	4.5	4.5	5.4	4.8
8/28/24	12:45 AM	4.4	4.4	5.2	4.9
8/28/24	1:00 AM	4.5	4.3	5.2	4.9
8/28/24	1:15 AM	4.5	4.5	5.0	4.7
8/28/24	1:30 AM	4.5	4.4	5.2	4.9
8/28/24	1:45 AM	4.5	4.3	5.5	4.7
8/28/24	2:00 AM	4.5	4.4	5.5	4.7
8/28/24	2:15 AM	4.5	4.3	5.6	4.4
8/28/24	2:30 AM	4.5	4.5	5.4	4.6
8/28/24	2:45 AM	4.6	4.5	5.2	4.5
8/28/24	3:00 AM	4.5	4.5	5.1	4.6
8/28/24	3:15 AM	4.4	4.5	5.3	4.6
8/28/24	3:30 AM	4.3	4.5	5.0	4.7
8/28/24	3:45 AM	4.3	4.4	5.0	4.6
8/28/24	4:00 AM	4.3	4.4	5.0	4.5
8/28/24	4:15 AM	4.3	4.4	5.1	4.4
8/28/24	4:30 AM	4.4	4.4	5.0	4.5
8/28/24	4:45 AM	4.4	4.3	5.0	4.6
8/28/24	5:00 AM	4.4	4.3	5.0	4.4
8/28/24	5:15 AM	4.2	4.3	4.7	4.4
8/28/24	5:30 AM	4.1	4.3	4.5	5.0
8/28/24	5:45 AM	4.1	4.3	4.2	4.9
8/28/24	6:00 AM	4.2	4.2	4.6	4.8
8/28/24	6:15 AM	4.3	4.2	4.5	4.8
8/28/24	6:30 AM	4.2	4.2	4.3	4.6
8/28/24	6:45 AM	4.3	4.3	4.6	4.8
8/28/24	7:00 AM	4.4	4.2	4.5	4.6
8/28/24	7:15 AM	4.4	4.4	4.6	4.3
8/28/24	7:30 AM	4.4	4.4	4.6	4.4
8/28/24	7:45 AM	4.5	4.3	4.5	4.3
8/28/24	8:00 AM	4.6	4.5	4.4	4.4
8/28/24	8:15 AM	4.7	4.5	4.5	4.3
8/28/24	8:30 AM	4.8	4.5	4.4	4.4
8/28/24	8:45 AM	4.8	4.8	4.4	4.7
8/28/24	9:00 AM	4.9	4.8	4.5	5.0
8/28/24	9:15 AM	4.9	4.8	4.5	5.1
8/28/24	9:30 AM	5.0	4.9	4.6	5.6
8/28/24	9:45 AM	5.0	4.9	4.7	5.4
8/28/24	10:00 AM	5.1	4.9	4.7	5.7
8/28/24	10:15 AM	5.3	4.9	4.5	5.5
8/28/24	10:30 AM	5.4	4.9	4.8	6.0
8/28/24	10:45 AM	5.1	4.9	4.8	6.4
8/28/24	11:00 AM	5.1	5.0	4.9	6.9
8/28/24	11:15 AM	5.2	4.9	5.0	6.4
8/28/24	11:30 AM	5.2	5.0	5.2	6.8
8/28/24	11:45 AM	5.3	5.0	5.0	6.1
8/28/24	12:00 PM	5.4	5.0	5.0	6.3
8/28/24	12:15 PM	5.3	5.1	4.7	5.8

Note: Data has not been validated

Table 8

August 26 - August 30, 2024

Date	Time	DO (mg/L)			
		Ambient	N3SB	TB4	9SB/Hamilton
8/28/24	12:30 PM	5.3	5.0	5.0	6.5
8/28/24	12:45 PM	5.1	5.1	5.2	6.6
8/28/24	1:00 PM	5.1	5.1	5.3	6.3
8/28/24	1:15 PM	5.0	5.1	5.4	6.7
8/28/24	1:30 PM	5.0	5.3	5.2	6.8
8/28/24	1:45 PM	5.0	5.2	5.3	6.5
8/28/24	2:00 PM	4.9	5.1	5.5	6.8
8/28/24	2:15 PM	5.0	5.1	5.4	6.9
8/28/24	2:30 PM	5.0	4.8	5.1	6.9
8/28/24	2:45 PM	5.0	5.2	5.8	7.0
8/28/24	3:00 PM	4.8	5.2	6.1	7.0
8/28/24	3:15 PM	5.0	5.4	6.0	7.7
8/28/24	3:30 PM	5.0	5.3	6.0	7.7
8/28/24	3:45 PM	5.1	5.3	6.0	--
8/28/24	4:00 PM	4.8	5.3	6.1	--
8/28/24	4:15 PM	4.9	5.2	6.4	--
8/28/24	4:30 PM	4.9	5.2	6.6	--
8/28/24	4:45 PM	4.9	5.1	6.5	--
8/28/24	5:00 PM	4.8	5.2	6.5	--
8/28/24	5:15 PM	4.8	5.0	6.7	--
8/28/24	5:30 PM	4.7	5.2	6.5	--
8/28/24	5:45 PM	4.8	5.2	6.4	--
8/28/24	6:00 PM	4.9	4.9	7.1	--
8/28/24	6:15 PM	4.8	4.9	6.7	7.6
8/28/24	6:30 PM	4.9	4.9	6.3	--
8/28/24	6:45 PM	4.9	5.0	6.3	7.1
8/28/24	7:00 PM	5.0	5.0	6.7	7.0
8/28/24	7:15 PM	4.9	5.1	6.1	7.1
8/28/24	7:30 PM	5.0	5.1	5.8	6.3
8/28/24	7:45 PM	5.1	5.1	6.0	6.1
8/28/24	8:00 PM	5.1	5.2	5.7	6.3
8/28/24	8:15 PM	5.2	5.2	6.0	6.1
8/28/24	8:30 PM	5.3	5.2	6.5	6.0
8/28/24	8:45 PM	5.2	5.3	5.9	6.2
8/28/24	9:00 PM	5.3	5.4	6.2	5.9
8/28/24	9:15 PM	5.3	5.4	5.7	6.1
8/28/24	9:30 PM	5.4	5.4	5.8	5.9
8/28/24	9:45 PM	5.4	5.3	5.8	5.9
8/28/24	10:00 PM	5.4	5.3	5.6	5.7
8/28/24	10:15 PM	5.4	5.4	6.2	5.8
8/28/24	10:30 PM	5.4	5.3	5.7	5.5
8/28/24	10:45 PM	5.3	5.3	6.3	5.9
8/28/24	11:00 PM	5.3	5.3	5.6	5.3
8/28/24	11:15 PM	5.2	5.2	5.5	5.7
8/28/24	11:30 PM	5.1	5.2	6.0	6.2
8/28/24	11:45 PM	5.0	5.1	5.7	5.9
8/29/24	12:00 AM	4.9	4.9	5.5	6.4
8/29/24	12:15 AM	4.7	5.0	5.4	5.8
8/29/24	12:30 AM	4.7	5.0	5.1	6.6
8/29/24	12:45 AM	4.6	4.9	5.2	5.6
8/29/24	1:00 AM	4.6	4.8	5.4	6.5
8/29/24	1:15 AM	4.4	4.8	4.9	5.3
8/29/24	1:30 AM	4.5	4.7	5.1	5.4
8/29/24	1:45 AM	4.4	4.7	5.2	5.9
8/29/24	2:00 AM	4.5	4.6	5.3	5.9
8/29/24	2:15 AM	4.5	4.5	5.2	5.9
8/29/24	2:30 AM	4.6	4.5	5.0	6.4
8/29/24	2:45 AM	4.6	4.6	5.0	7.0
8/29/24	3:00 AM	4.5	4.6	4.9	6.8
8/29/24	3:15 AM	4.5	4.3	4.5	5.6
8/29/24	3:30 AM	4.5	4.4	4.8	6.2

Note: Data has not been validated

Table 8

August 26 - August 30, 2024

Date	Time	DO (mg/L)			
		Ambient	N3SB	TB4	9SB/Hamilton
8/29/24	3:45 AM	4.6	4.3	5.1	7.0
8/29/24	4:00 AM	4.6	4.4	5.0	7.0
8/29/24	4:15 AM	4.6	4.5	4.7	7.1
8/29/24	4:30 AM	4.6	4.4	4.9	7.1
8/29/24	4:45 AM	4.8	4.4	5.3	7.0
8/29/24	5:00 AM	4.8	4.4	5.0	7.3
8/29/24	5:15 AM	4.8	4.4	4.6	7.1
8/29/24	5:30 AM	4.8	4.4	4.7	7.1
8/29/24	5:45 AM	4.8	4.5	4.3	6.6
8/29/24	6:00 AM	4.7	4.8	5.4	6.5
8/29/24	6:15 AM	4.7	4.8	5.0	6.3
8/29/24	6:30 AM	4.7	4.8	5.2	6.4
8/29/24	6:45 AM	4.7	4.7	5.3	6.3
8/29/24	7:00 AM	4.7	4.7	4.8	5.9
8/29/24	7:15 AM	4.7	4.7	5.0	5.9
8/29/24	7:30 AM	4.6	4.7	4.2	5.3
8/29/24	7:45 AM	4.6	4.6	5.0	5.2
8/29/24	8:00 AM	4.5	4.7	4.6	5.3
8/29/24	8:15 AM	4.6	4.7	4.2	5.1
8/29/24	8:30 AM	4.8	4.7	4.5	4.7
8/29/24	8:45 AM	4.9	4.8	4.7	5.0
8/29/24	9:00 AM	4.9	4.8	4.6	4.5
8/29/24	9:15 AM	4.9	4.9	4.8	4.4
8/29/24	9:30 AM	5.0	5.0	4.9	4.7
8/29/24	9:45 AM	5.1	5.0	4.5	5.9
8/29/24	10:00 AM	5.1	5.1	5.0	5.8
8/29/24	10:15 AM	5.1	5.1	5.0	6.2
8/29/24	10:30 AM	5.1	5.1	5.0	6.2
8/29/24	10:45 AM	5.1	5.1	5.0	6.7
8/29/24	11:00 AM	5.1	5.1	5.1	7.0
8/29/24	11:15 AM	5.1	5.2	4.9	7.0
8/29/24	11:30 AM	5.1	5.1	5.2	7.1
8/29/24	11:45 AM	5.1	5.1	4.7	7.8
8/29/24	12:00 PM	5.1	5.1	5.1	7.9
8/29/24	12:15 PM	5.1	5.0	5.1	7.4
8/29/24	12:30 PM	5.1	5.0	5.4	7.8
8/29/24	12:45 PM	5.1	4.8	5.1	6.4
8/29/24	1:00 PM	5.1	5.0	5.2	6.7
8/29/24	1:15 PM	5.0	5.1	5.5	6.5
8/29/24	1:30 PM	5.0	4.9	5.6	6.3
8/29/24	1:45 PM	5.0	5.1	5.2	6.4
8/29/24	2:00 PM	5.2	4.9	5.3	6.8
8/29/24	2:15 PM	5.2	5.1	5.2	7.0
8/29/24	2:30 PM	5.0	4.9	5.4	7.0
8/29/24	2:45 PM	5.1	5.1	5.7	6.8
8/29/24	3:00 PM	5.0	5.1	5.9	6.4
8/29/24	3:15 PM	5.0	5.2	6.3	6.1
8/29/24	3:30 PM	5.0	5.2	6.2	6.3
8/29/24	3:45 PM	4.9	4.7	6.6	5.7
8/29/24	4:00 PM	5.0	5.2	6.4	5.5
8/29/24	4:15 PM	5.0	5.1	6.7	5.3
8/29/24	4:30 PM	5.0	4.9	6.8	5.3
8/29/24	4:45 PM	4.9	5.2	6.7	5.3
8/29/24	5:00 PM	4.9	4.8	6.8	5.3
8/29/24	5:15 PM	4.9	5.1	6.6	5.2
8/29/24	5:30 PM	4.9	5.1	6.6	5.2
8/29/24	5:45 PM	4.9	5.1	6.7	5.2
8/29/24	6:00 PM	4.9	5.0	6.7	5.2
8/29/24	6:15 PM	4.7	5.1	6.5	5.2
8/29/24	6:30 PM	4.6	5.0	6.5	5.1
8/29/24	6:45 PM	4.7	4.9	6.4	5.0
8/29/24	7:00 PM	4.7	4.8	6.5	5.1
8/29/24	7:15 PM	4.7	4.8	6.5	5.0

Note: Data has not been validated

Table 8

August 26 - August 30, 2024

Date	Time	DO (mg/L)			
		Ambient	N3SB	TB4	9SB/Hamilton
8/29/24	7:30 PM	4.8	4.9	6.2	4.9
8/29/24	7:45 PM	4.8	4.9	6.1	4.8
8/29/24	8:00 PM	4.9	5.0	5.9	4.7
8/29/24	8:15 PM	4.9	5.1	5.9	4.6
8/29/24	8:30 PM	4.9	5.1	5.9	4.6
8/29/24	8:45 PM	5.0	5.1	5.8	4.7
8/29/24	9:00 PM	5.3	5.1	5.9	4.9
8/29/24	9:15 PM	5.3	5.2	5.7	5.0
8/29/24	9:30 PM	5.5	5.2	5.7	4.9
8/29/24	9:45 PM	5.6	5.4	5.6	4.9
8/29/24	10:00 PM	5.7	5.5	5.5	4.9
8/29/24	10:15 PM	5.7	5.6	5.4	4.8
8/29/24	10:30 PM	5.6	5.6	5.5	4.9
8/29/24	10:45 PM	5.6	5.6	5.5	4.8
8/29/24	11:00 PM	5.6	5.6	5.4	4.8
8/29/24	11:15 PM	5.5	5.6	5.4	4.8
8/29/24	11:30 PM	5.4	5.6	5.4	4.7
8/29/24	11:45 PM	5.4	5.5	5.2	4.7
8/30/24	12:00 AM	5.3	5.5	5.2	4.6
8/30/24	12:15 AM	5.3	5.4	5.2	4.8
8/30/24	12:30 AM	5.3	5.4	5.1	4.6
8/30/24	12:45 AM	5.2	5.2	5.3	4.7
8/30/24	1:00 AM	5.2	5.2	5.2	4.7
8/30/24	1:15 AM	5.1	5.1	5.1	4.5
8/30/24	1:30 AM	5.0	5.1	5.1	4.7
8/30/24	1:45 AM	4.9	5.1	5.0	4.7
8/30/24	2:00 AM	4.6	5.1	5.0	4.6
8/30/24	2:15 AM	4.7	4.9	5.1	4.7
8/30/24	2:30 AM	4.6	4.9	4.9	4.7
8/30/24	2:45 AM	4.7	4.7	5.0	4.6
8/30/24	3:00 AM	4.8	4.7	5.0	4.6
8/30/24	3:15 AM	4.7	4.8	5.0	4.5
8/30/24	3:30 AM	4.7	4.8	4.9	4.7
8/30/24	3:45 AM	4.7	4.7	4.9	4.5
8/30/24	4:00 AM	4.8	4.6	4.9	4.6
8/30/24	4:15 AM	4.7	4.5	4.9	4.5
8/30/24	4:30 AM	4.7	4.5	4.9	4.5
8/30/24	4:45 AM	4.7	4.5	4.9	4.5
8/30/24	5:00 AM	4.8	4.6	4.6	4.5
8/30/24	5:15 AM	4.7	4.5	4.7	4.7
8/30/24	5:30 AM	4.8	4.6	4.7	4.7
8/30/24	5:45 AM	4.8	4.7	5.1	4.6
8/30/24	6:00 AM	4.8	4.7	4.6	4.6
8/30/24	6:15 AM	4.8	4.7	4.5	4.5
8/30/24	6:30 AM	4.8	4.7	4.6	4.8
8/30/24	6:45 AM	4.8	4.8	4.8	4.5
8/30/24	7:00 AM	4.8	5.0	4.4	4.5
8/30/24	7:15 AM	4.8	4.8	4.3	4.8
8/30/24	7:30 AM	4.7	4.8	4.1	4.5
8/30/24	7:45 AM	4.5	4.7	4.3	4.3
8/30/24	8:00 AM	4.7	4.7	4.4	4.5
8/30/24	8:15 AM	4.7	4.6	4.5	4.1
8/30/24	8:30 AM	4.7	4.7	4.5	4.3
8/30/24	8:45 AM	4.6	4.7	4.3	3.9
8/30/24	9:00 AM	4.6	4.6	4.5	3.9
8/30/24	9:15 AM	4.7	4.7	4.4	4.2
8/30/24	9:30 AM	4.7	4.1	4.3	4.1
8/30/24	9:45 AM	4.8	4.3	4.4	4.1
8/30/24	10:00 AM	4.7	4.2	4.1	4.3
8/30/24	10:15 AM	4.9	4.7	4.3	4.2
8/30/24	10:30 AM	5.0	4.3	4.4	4.1
8/30/24	10:45 AM	5.0	4.4	4.3	4.1
8/30/24	11:00 AM	5.0	4.1	4.3	4.2
8/30/24	11:15 AM	4.8	4.5	4.2	4.1

Note: Data has not been validated

Table 8

August 26 - August 30, 2024

Date	Time	DO (mg/L)			
		Ambient	N3SB	TB4	9SB/Hamilton
8/30/24	11:30 AM	5.2	3.8	4.5	4.2
8/30/24	11:45 AM	5.1	4.2	4.5	4.2
8/30/24	12:00 PM	5.1	4.5	4.5	4.2
8/30/24	12:15 PM	5.1	4.6	4.4	4.3
8/30/24	12:30 PM	5.1	4.3	4.4	4.4
8/30/24	12:45 PM	5.2	4.0	4.4	4.4
8/30/24	1:00 PM	5.2	4.3	4.5	4.4
8/30/24	1:15 PM	5.1	4.0	4.5	4.6
8/30/24	1:30 PM	5.1	4.6	4.5	4.3
8/30/24	1:45 PM	5.1	4.6	4.5	4.4
8/30/24	2:00 PM	5.1	4.7	4.8	4.4
8/30/24	2:15 PM	5.1	4.6	4.9	4.4
8/30/24	2:30 PM	5.1	4.8	4.7	4.4
8/30/24	2:45 PM	5.1	4.8	5.0	4.4
8/30/24	3:00 PM	5.1	4.9	4.8	4.5
8/30/24	3:15 PM	5.1	4.9	5.0	4.4
8/30/24	3:30 PM	5.1	5.0	4.9	4.6
8/30/24	3:45 PM	5.1	4.9	4.9	4.4
8/30/24	4:00 PM	5.1	5.0	5.0	4.5
8/30/24	4:15 PM	5.1	5.0	5.1	4.6
8/30/24	4:30 PM	5.1	5.0	5.2	4.7
8/30/24	4:45 PM	5.1	5.1	5.2	4.5
8/30/24	5:00 PM	5.1	5.1	5.4	4.6
8/30/24	5:15 PM	5.0	5.1	5.4	4.4
8/30/24	5:30 PM	5.1	5.0	5.4	4.6
8/30/24	5:45 PM	5.1	5.0	5.4	4.6
8/30/24	6:00 PM	5.1	5.0	5.4	4.6
8/30/24	6:15 PM	5.1	5.0	5.3	4.6
8/30/24	6:30 PM	5.1	5.1	5.4	4.7
8/30/24	6:45 PM	5.1	5.1	5.5	4.5
8/30/24	7:00 PM	5.1	5.1	5.4	4.4
8/30/24	7:15 PM	5.1	5.1	5.5	4.7
8/30/24	7:30 PM	5.0	4.9	5.5	4.6
8/30/24	7:45 PM	4.9	4.9	5.5	4.7
8/30/24	8:00 PM	4.9	4.9	5.4	4.7
8/30/24	8:15 PM	4.9	4.9	5.3	4.8
8/30/24	8:30 PM	4.9	5.0	5.4	4.8
8/30/24	8:45 PM	4.9	5.0	5.4	4.7
8/30/24	9:00 PM	5.0	5.0	5.3	4.8
8/30/24	9:15 PM	4.9	5.0	5.2	4.7
8/30/24	9:30 PM	5.2	5.1	5.1	4.8
8/30/24	9:45 PM	5.2	5.2	5.2	4.7
8/30/24	10:00 PM	5.5	5.2	5.0	4.5
8/30/24	10:15 PM	5.6	5.2	5.0	4.6
8/30/24	10:30 PM	5.7	5.4	4.8	4.5
8/30/24	10:45 PM	5.8	5.5	5.1	4.6
8/30/24	11:00 PM	5.7	5.7	4.7	4.6
8/30/24	11:15 PM	5.7	5.8	4.7	4.5
8/30/24	11:30 PM	5.7	5.7	4.5	4.5
8/30/24	11:45 PM	5.6	5.8	4.6	4.4
8/31/24	12:00 AM	5.5	5.7	4.5	4.4
8/31/24	12:15 AM	5.5	5.7	4.5	4.3
8/31/24	12:30 AM	5.4	5.6	4.6	4.4
8/31/24	12:45 AM	5.3	5.5	4.4	4.2
8/31/24	1:00 AM	5.2	5.4	4.5	4.3
8/31/24	1:15 AM	5.1	5.4	4.6	4.1
8/31/24	1:30 AM	5.1	5.3	4.3	4.5
8/31/24	1:45 AM	5.1	5.3	4.5	4.2
8/31/24	2:00 AM	5.0	5.2	4.6	4.4
8/31/24	2:15 AM	5.1	5.2	4.5	4.6
8/31/24	2:30 AM	5.1	5.1	4.4	4.6
8/31/24	2:45 AM	5.1	5.1	4.5	4.5
8/31/24	3:00 AM	4.9	4.9	4.4	4.4
8/31/24	3:15 AM	4.9	5.1	4.0	4.5

Note: Data has not been validated

Table 8

August 26 - August 30, 2024

Date	Time	DO (mg/L)			
		Ambient	N3SB	TB4	9SB/Hamilton
8/31/24	3:30 AM	4.8	5.0	3.1	4.4
8/31/24	3:45 AM	4.6	5.0	4.3	4.5
8/31/24	4:00 AM	4.7	4.8	3.9	4.3
8/31/24	4:15 AM	4.6	4.7	4.3	4.5
8/31/24	4:30 AM	4.5	4.7	4.3	4.2
8/31/24	4:45 AM	4.6	4.8	4.3	4.5
8/31/24	5:00 AM	4.6	4.7	4.3	4.6
8/31/24	5:15 AM	4.6	4.7	4.2	4.6
8/31/24	5:30 AM	4.8	4.4	4.2	4.4
8/31/24	5:45 AM	4.8	4.6	4.2	4.5
8/31/24	6:00 AM	4.8	4.4	4.1	4.5
8/31/24	6:15 AM	4.8	4.5	3.9	4.4
8/31/24	6:30 AM	4.9	4.5	4.1	4.5
8/31/24	6:45 AM	4.8	4.5	4.1	4.5
8/31/24	7:00 AM	4.9	4.6	4.3	4.4
8/31/24	7:15 AM	4.8	4.6	4.3	4.4
8/31/24	7:30 AM	4.9	4.5	4.3	4.4
8/31/24	7:45 AM	4.9	4.9	4.2	4.4
8/31/24	8:00 AM	4.8	4.9	4.2	4.3
8/31/24	8:15 AM	4.8	4.9	4.2	4.2
8/31/24	8:30 AM	4.8	4.9	4.4	4.1
8/31/24	8:45 AM	4.8	4.9	4.3	4.2
8/31/24	9:00 AM	4.8	4.8	3.8	4.2
8/31/24	9:15 AM	4.8	4.9	3.9	4.3
8/31/24	9:30 AM	4.6	4.9	3.8	4.2
8/31/24	9:45 AM	4.7	4.9	3.9	4.1
8/31/24	10:00 AM	4.8	4.8	3.8	4.4
8/31/24	10:15 AM	5.0	4.9	4.0	4.4
8/31/24	10:30 AM	5.0	4.9	4.1	4.4
8/31/24	10:45 AM	5.0	5.1	4.3	4.4
8/31/24	11:00 AM	5.1	5.1	4.3	4.5
8/31/24	11:15 AM	5.2	5.1	4.3	4.3
8/31/24	11:30 AM	5.1	5.1	4.2	4.4
8/31/24	11:45 AM	5.1	5.1	4.3	4.3
8/31/24	12:00 PM	5.2	5.1	4.4	4.5
8/31/24	12:15 PM	5.1	5.2	4.3	4.5
8/31/24	12:30 PM	5.1	5.2	4.4	4.4
8/31/24	12:45 PM	5.1	5.2	4.4	4.4
8/31/24	1:00 PM	5.1	5.2	4.5	4.5
8/31/24	1:15 PM	5.1	5.2	4.5	4.6
8/31/24	1:30 PM	5.0	5.1	4.6	4.6
8/31/24	1:45 PM	5.0	5.1	4.7	4.6
8/31/24	2:00 PM	5.0	5.1	4.6	4.7
8/31/24	2:15 PM	5.1	5.1	4.8	4.4
8/31/24	2:30 PM	5.1	5.1	4.8	4.5
8/31/24	2:45 PM	5.1	5.1	4.8	4.9
8/31/24	3:00 PM	5.1	5.2	4.8	4.6
8/31/24	3:15 PM	5.1	5.1	4.8	4.5
8/31/24	3:30 PM	5.1	5.2	5.1	4.6
8/31/24	3:45 PM	5.1	5.1	5.0	4.6
8/31/24	4:00 PM	5.0	5.1	5.2	4.6
8/31/24	4:15 PM	5.1	5.2	5.2	4.6
8/31/24	4:30 PM	5.0	5.1	5.3	4.5
8/31/24	4:45 PM	5.0	5.2	5.3	4.6
8/31/24	5:00 PM	5.0	5.1	5.3	4.5
8/31/24	5:15 PM	5.0	5.2	5.2	4.5
8/31/24	5:30 PM	5.0	5.1	5.2	4.4
8/31/24	5:45 PM	5.0	5.1	5.2	4.5
8/31/24	6:00 PM	5.0	5.0	5.3	4.5
8/31/24	6:15 PM	5.0	5.0	5.3	4.6
8/31/24	6:30 PM	5.1	5.1	5.3	4.6
8/31/24	6:45 PM	5.0	5.1	5.2	4.7
8/31/24	7:00 PM	4.9	5.2	5.3	4.8
8/31/24	7:15 PM	4.9	5.1	5.3	4.8

Note: Data has not been validated

Table 8

August 26 - August 30, 2024

Date	Time	DO (mg/L)			
		Ambient	N3SB	TB4	9SB/Hamilton
8/31/24	7:30 PM	4.9	5.1	5.3	4.8
8/31/24	7:45 PM	4.9	5.1	5.3	4.8
8/31/24	8:00 PM	5.0	5.0	5.3	4.7
8/31/24	8:15 PM	4.9	5.0	5.2	4.8
8/31/24	8:30 PM	4.8	5.0	5.2	4.7
8/31/24	8:45 PM	4.8	5.0	5.0	4.7
8/31/24	9:00 PM	4.8	4.9	5.1	4.7
8/31/24	9:15 PM	4.7	4.9	5.2	4.5
8/31/24	9:30 PM	4.8	4.9	5.0	4.6
8/31/24	9:45 PM	5.0	5.0	4.9	4.7
8/31/24	10:00 PM	5.1	4.9	4.8	4.7
8/31/24	10:15 PM	5.5	5.0	4.7	4.6
8/31/24	10:30 PM	5.5	5.2	4.4	4.5
8/31/24	10:45 PM	5.4	5.5	4.5	4.4
8/31/24	11:00 PM	5.5	5.5	4.2	4.4
8/31/24	11:15 PM	5.5	5.5	4.6	4.4
8/31/24	11:30 PM	5.5	5.5	4.6	4.3
8/31/24	11:45 PM	5.6	5.6	4.4	4.4
9/1/24	12:00 AM	5.6	5.7	4.3	4.3
9/1/24	12:15 AM	5.6	5.6	4.4	4.3
9/1/24	12:30 AM	5.5	5.6	4.3	4.2
9/1/24	12:45 AM	5.5	5.6	4.4	4.3
9/1/24	1:00 AM	5.4	5.5	4.4	4.2
9/1/24	1:15 AM	5.4	5.5	4.4	4.1
9/1/24	1:30 AM	5.3	5.5	4.2	4.3
9/1/24	1:45 AM	5.3	5.5	4.5	4.2
9/1/24	2:00 AM	5.3	5.4	4.2	4.3
9/1/24	2:15 AM	5.2	5.4	4.3	4.2
9/1/24	2:30 AM	5.2	5.3	4.1	4.2
9/1/24	2:45 AM	5.2	5.3	3.9	4.2
9/1/24	3:00 AM	5.2	5.3	4.2	4.4
9/1/24	3:15 AM	5.1	5.3	3.9	4.3
9/1/24	3:30 AM	5.0	5.2	4.5	4.2
9/1/24	3:45 AM	5.0	5.1	4.5	4.3
9/1/24	4:00 AM	4.9	5.1	4.6	4.4
9/1/24	4:15 AM	4.9	5.1	4.8	4.3
9/1/24	4:30 AM	4.6	5.1	4.7	4.2
9/1/24	4:45 AM	4.6	5.1	4.6	4.2
9/1/24	5:00 AM	4.5	5.1	4.6	4.1
9/1/24	5:15 AM	4.5	5.1	4.5	4.1
9/1/24	5:30 AM	4.5	5.0	4.6	4.2
9/1/24	5:45 AM	4.5	4.9	4.5	4.1
9/1/24	6:00 AM	4.5	4.8	4.6	4.2
9/1/24	6:15 AM	4.6	4.8	4.5	4.3
9/1/24	6:30 AM	4.5	4.7	4.4	4.2
9/1/24	6:45 AM	4.6	4.6	4.5	4.4
9/1/24	7:00 AM	4.7	4.6	4.4	4.4
9/1/24	7:15 AM	4.8	4.7	4.6	4.5
9/1/24	7:30 AM	4.9	4.8	4.4	4.5
9/1/24	7:45 AM	4.9	4.7	4.5	4.3
9/1/24	8:00 AM	4.9	4.8	4.4	4.5
9/1/24	8:15 AM	4.9	4.9	4.5	4.3
9/1/24	8:30 AM	4.9	5.0	4.5	4.3
9/1/24	8:45 AM	4.9	4.9	4.6	4.2
9/1/24	9:00 AM	4.9	5.1	4.5	4.2
9/1/24	9:15 AM	4.8	4.9	4.5	4.2
9/1/24	9:30 AM	4.7	5.0	4.4	4.3
9/1/24	9:45 AM	4.8	4.8	4.3	4.4
9/1/24	10:00 AM	4.7	4.9	4.4	4.5
9/1/24	10:15 AM	4.7	4.9	4.4	4.5
9/1/24	10:30 AM	4.8	4.9	4.3	4.5
9/1/24	10:45 AM	5.0	4.9	4.4	4.5
9/1/24	11:00 AM	5.0	5.0	4.4	4.4
9/1/24	11:15 AM	5.1	5.1	4.5	4.4

Note: Data has not been validated

Table 8

August 26 - August 30, 2024

Date	Time	DO (mg/L)			
		Ambient	N3SB	TB4	9SB/Hamilton
9/1/24	11:30 AM	5.1	5.1	4.5	4.3
9/1/24	11:45 AM	5.2	5.1	4.6	4.5
9/1/24	12:00 PM	5.2	5.1	4.5	4.5
9/1/24	12:15 PM	5.2	5.2	4.6	4.5
9/1/24	12:30 PM	5.3	5.3	4.6	4.4
9/1/24	12:45 PM	5.3	5.3	4.6	4.4
9/1/24	1:00 PM	5.3	5.3	4.7	4.6
9/1/24	1:15 PM	5.3	5.3	4.7	4.7
9/1/24	1:30 PM	5.2	5.3	4.7	4.7
9/1/24	1:45 PM	5.2	5.3	4.6	4.5
9/1/24	2:00 PM	5.2	5.2	4.3	4.5
9/1/24	2:15 PM	5.1	5.2	4.5	4.6
9/1/24	2:30 PM	5.1	5.2	4.5	4.7
9/1/24	2:45 PM	5.0	5.1	4.3	4.7
9/1/24	3:00 PM	5.1	5.2	4.5	4.6
9/1/24	3:15 PM	5.0	5.1	4.7	4.7
9/1/24	3:30 PM	5.0	5.1	4.5	4.5
9/1/24	3:45 PM	5.0	5.1	4.8	4.5
9/1/24	4:00 PM	4.9	5.1	4.8	4.4
9/1/24	4:15 PM	4.9	5.0	5.0	4.3
9/1/24	4:30 PM	4.7	5.1	5.1	4.4
9/1/24	4:45 PM	4.8	5.2	5.1	4.4
9/1/24	5:00 PM	4.8	5.2	5.4	4.4
9/1/24	5:15 PM	4.6	5.2	5.4	4.4
9/1/24	5:30 PM	4.6	5.0	5.2	4.4
9/1/24	5:45 PM	4.6	5.0	5.0	4.2
9/1/24	6:00 PM	4.6	5.1	5.3	4.1
9/1/24	6:15 PM	4.6	4.9	5.6	4.2
9/1/24	6:30 PM	4.7	5.0	5.6	4.4
9/1/24	6:45 PM	4.7	5.0	5.6	4.3
9/1/24	7:00 PM	4.7	5.0	5.5	4.5
9/1/24	7:15 PM	4.9	4.8	5.6	4.5
9/1/24	7:30 PM	5.0	4.8	5.5	4.4
9/1/24	7:45 PM	5.0	4.9	5.5	4.2
9/1/24	8:00 PM	5.0	4.9	5.3	4.3
9/1/24	8:15 PM	5.0	5.0	5.2	4.7
9/1/24	8:30 PM	5.0	5.0	5.1	4.6
9/1/24	8:45 PM	5.0	5.1	4.7	4.8
9/1/24	9:00 PM	5.0	5.1	5.2	4.7
9/1/24	9:15 PM	4.9	5.1	5.3	4.6
9/1/24	9:30 PM	4.8	5.0	4.8	4.6
9/1/24	9:45 PM	4.8	4.9	5.0	4.6
9/1/24	10:00 PM	4.8	5.0	5.1	4.6
9/1/24	10:15 PM	5.0	5.0	5.2	4.7

Note: Data has not been validated