

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

PERIOD: August 19, 2024 – August 23, 2024

Date of Report: August 28, 2024

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1. SCOPE OF MONITORING

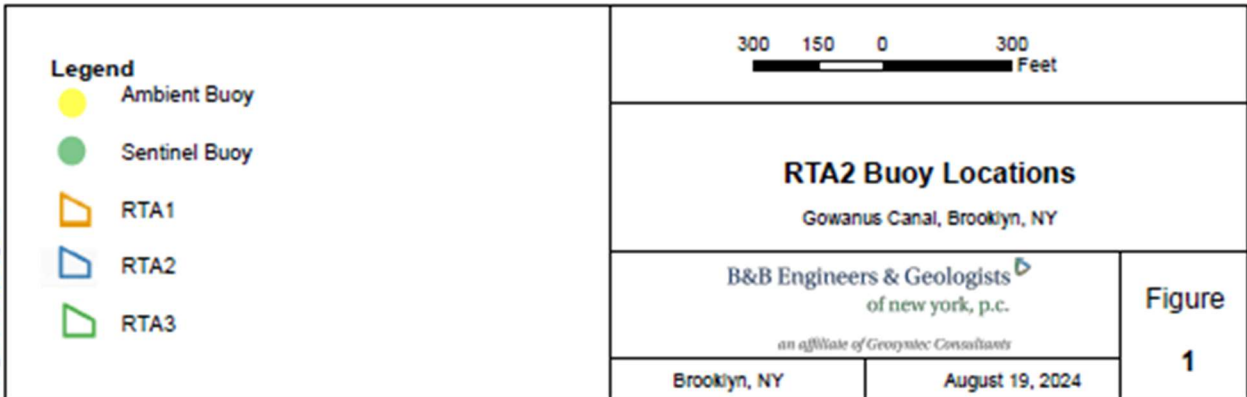
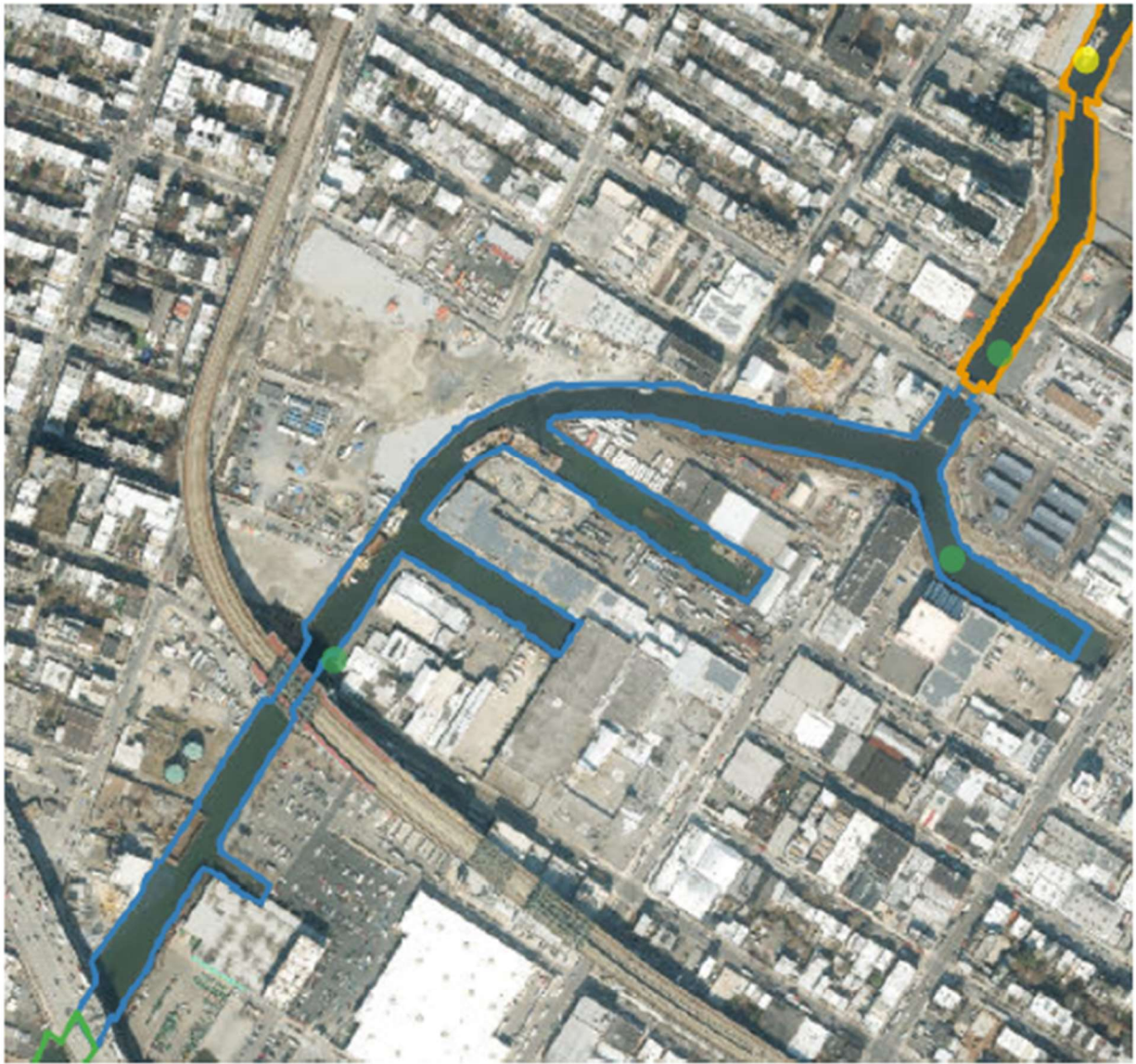
1.1 Buoy Locations

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 9th Street Bridge, along the west bulkhead. These buoys (Figure 1) are in use to monitor the RTA2 pre-construction activities.

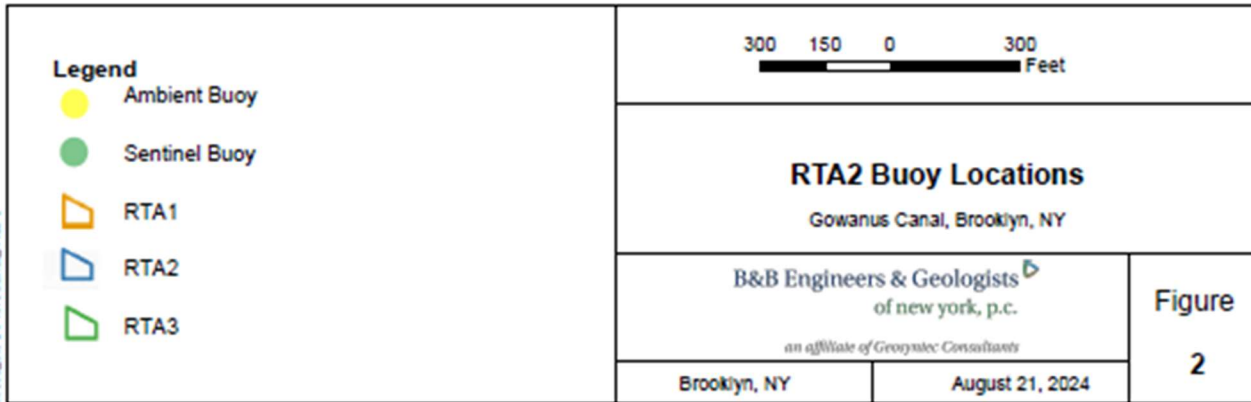
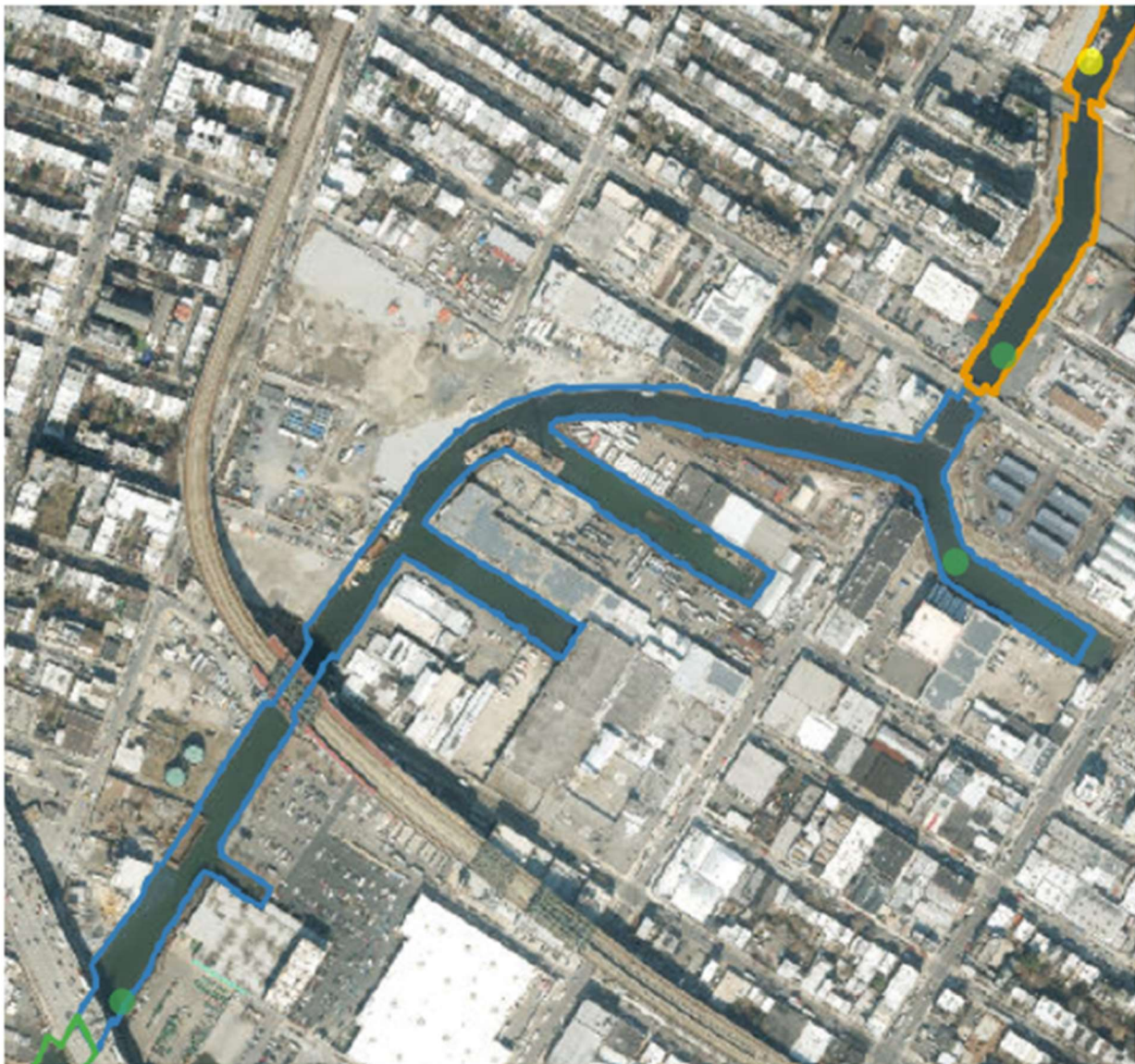
All readings from buoys were transmitted via telemetry at 15-minute intervals. The instrument used to collect turbidity and DO from the buoys is an In-Situ VuLink (telemetry) and AquaTroll500 (sonde), equipped with optical sensors capable of reading turbidity levels with an accuracy of +/-0.5 NTU and 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 3rd Street Bridge on the west side (3SB). A sentinel buoy was placed in Fourth Street Turning Basin (TB4). The 9th 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.



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1.3 Current Reporting Period Scope of Monitoring

During the week of August 19, 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 Monday August 19. 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.

Instrument downtime was noted at the Ambient sonde on Tuesday August 20 between 04:00 and 14:24. No work activities were performed near this location during this time. The Hamilton Bridge sonde experienced downtime from 06:30 on Wednesday, August 21, to 08:00 on Thursday, August 22. A repair attempt was made at 13:15 on August 21, but it was unsuccessful. On August 22, it was determined that a faulty firmware update caused the downtime. The firmware was updated, and the sonde became operational.

During the instrument downtime at the Hamilton Street Bridge location, the following activities were carried out:

- Commercial barge movements not associated with RTA2 work activities inside and outside of work hours
- Barge, skiff and MINI hopper movements associated with RTA2 work activities between 07:00 and 15:30.

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

1.4 Meteorological Conditions

The weather conditions onsite were as follows:

Meteorological Parameters	08/19/2024	8/20/2024	08/21/2024	08/22/2024	08/23/2024
<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>	29.6029.89	29.80	29.94	30.07	30.19

Meteorological Parameters	08/19/2024	8/20/2024	08/21/2024	08/22/2024	08/23/2024
Precipitation (Inch)	0	0	0	0	0

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 19, 2024	2:37	-2.96	-1.95	L
Monday, August 19, 2024	8:25	2.28	3.44	H
Monday, August 19, 2024	14:44	-2.73	-1.75	L
Monday, August 19, 2024	20:42	3.33	4.17	H
Tuesday, August 20, 2024	3:24	-3.22	-2.65	L
Tuesday, August 20, 2024	9:12	2.6	3.38	H
Tuesday, August 20, 2024	15:36	-2.93	-2.37	L
Tuesday, August 20, 2024	21:30	3.32	3.71	H
Wednesday, August 21, 2024	4:09	-3.37	3.01	L
Wednesday, August 21, 2024	10:01	2.84	3.51	H
Wednesday, August 21, 2024	16:27	-3	-2.65	L
Wednesday, August 21, 2024	22:20	3.15	3.35	H
Thursday, August 22, 2024	4:52	-3.38	-3.32	L
Thursday, August 22, 2024	10:53	2.96	3.33	H
Thursday, August 22, 2024	17:17	-2.92	-2.83	L
Thursday, August 22, 2024	23:14	2.87	3.36	H
Friday, August 23, 2024	5:37	-3.23	-3.16	L
Friday, August 23, 2024	11:48	2.98	3.26	H
Friday, August 23, 2024	18:10	-2.69	-2.54	L

Table 2 -NOAA Preliminary observations and predictions.

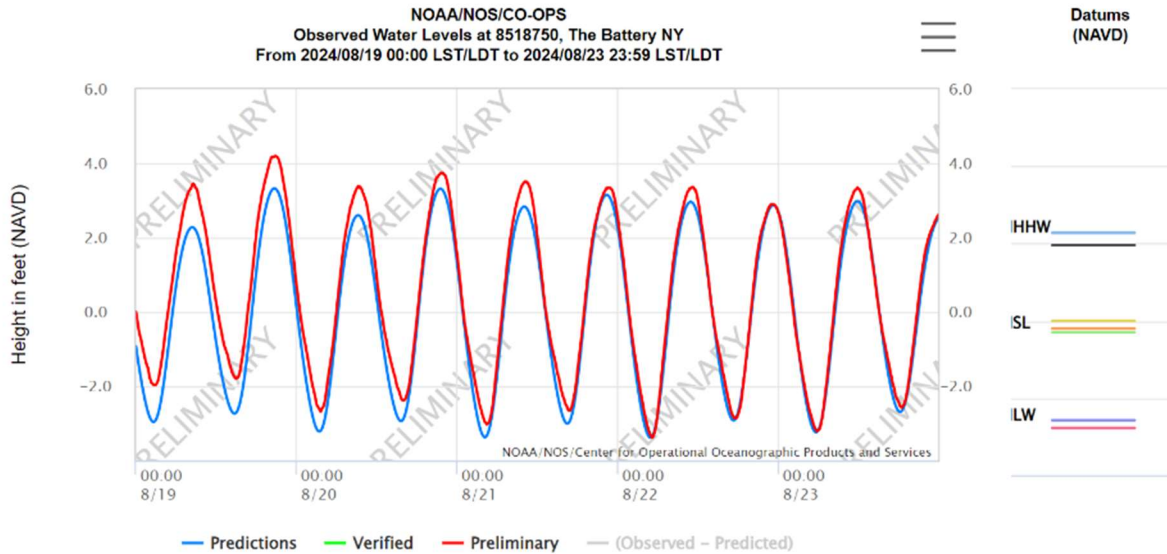


Figure 3- Tidal Chart for reporting period.

2. REPORT OF EXCEEDANCES

No exceedances of the trigger or action criteria were noted during the reporting period due to construction activities. Elevated readings were observed in the 9SB sentinel before and after work hours after it was moved to the east side of the canal. The 9SB sentinel was then relocated to the northeast side of Hamilton Street Bridge. Elevated readings were observed at Hamilton Street Bridge but are correlated commercial activities and naturally elevated turbidity, unrelated to construction activities. Elevated readings were observed in TB4 sentinel buoy on Thursday, August 22 and Friday, August 23, but unrelated to construction activities and considered background readings. 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

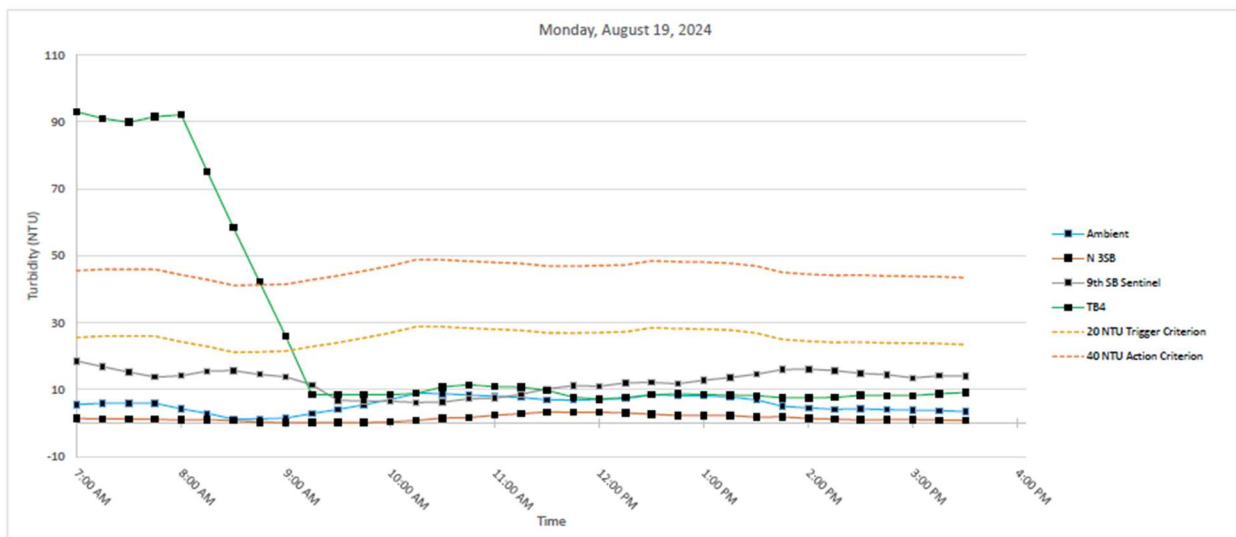
The trigger level criterion serves to provide early notification to the contractor of construction activities that may lead to an exceedance of the action level criterion. In the event of an exceedance to the trigger criterion, the contractor will not be stopped, and the contractor will be directed to 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

During the reporting period, readings were relatively stable in RTA2. All buoys were cleaned on Monday, August 12, between 08:30 and 09:30. During this time, the 9th Street sonde and buoy were moved to the northeast side of the 9th Street Bridge. Biofilm was noted on all buoys but at varying levels of impact to sensors.

3.1 Monday, August 19, 2024

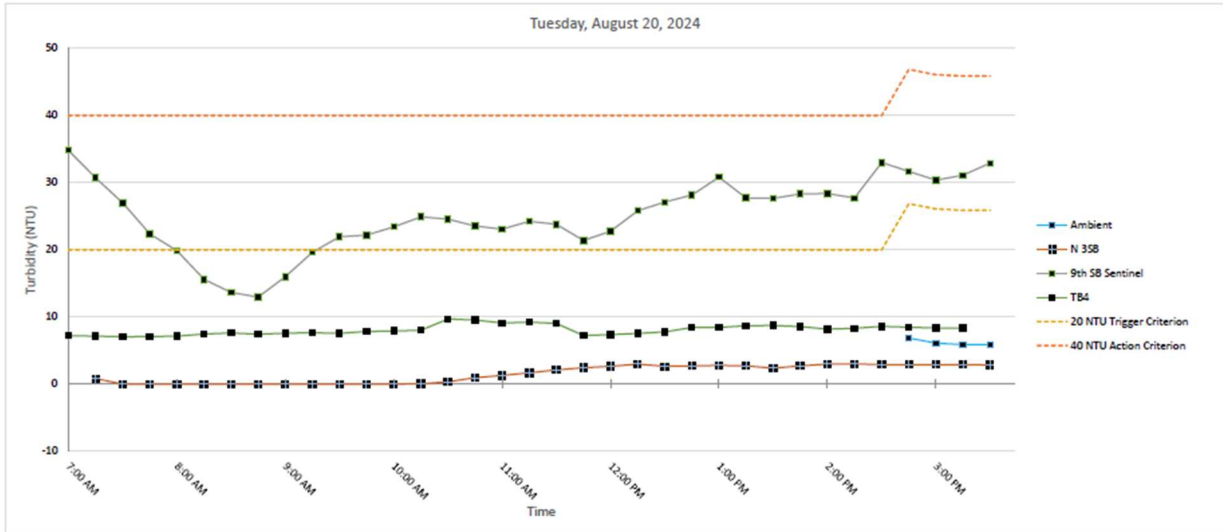
Figure 4. Hourly rolling average turbidity readings from 7 AM to 3:30 PM.



Note: All buoys cleaned between 08:30 and 9:30. Early morning turbidity readings for the TB4 sentinel buoy are unrelated to construction activities and may be attributed to biofouling.

3.2 Tuesday, August 20, 2024

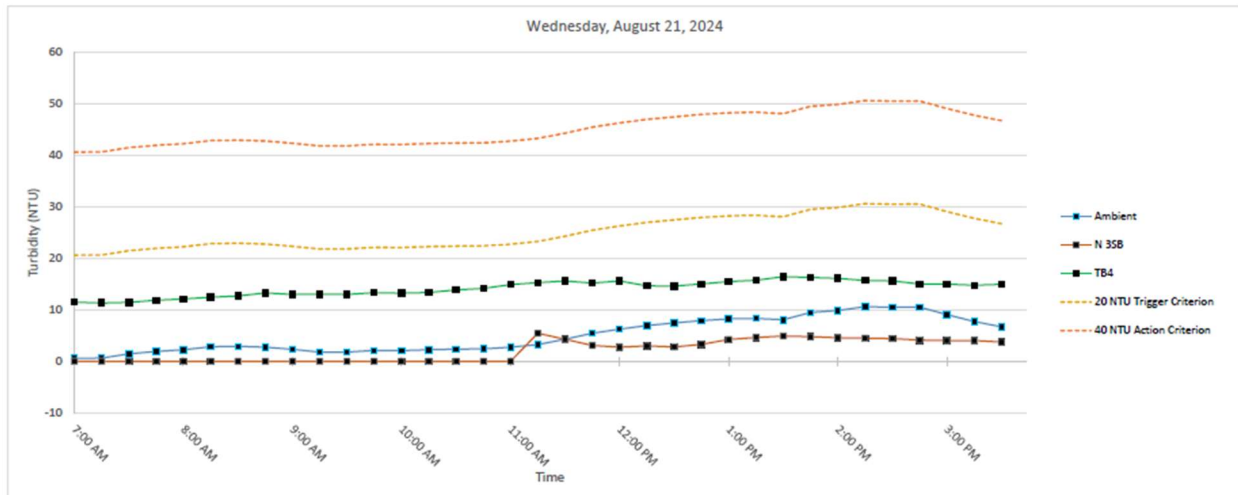
Figure 5. Hourly rolling average turbidity readings from 7 AM to 3:30 PM.



Note: Elevated turbidity readings observed at 9th Street Bridge sentinel buoy outside of work hours, which were sustained during working hours, but unrelated to construction activities. Instrument downtime at the Ambient sonde. No data recorded during this time.

3.3 Wednesday, August 21, 2024

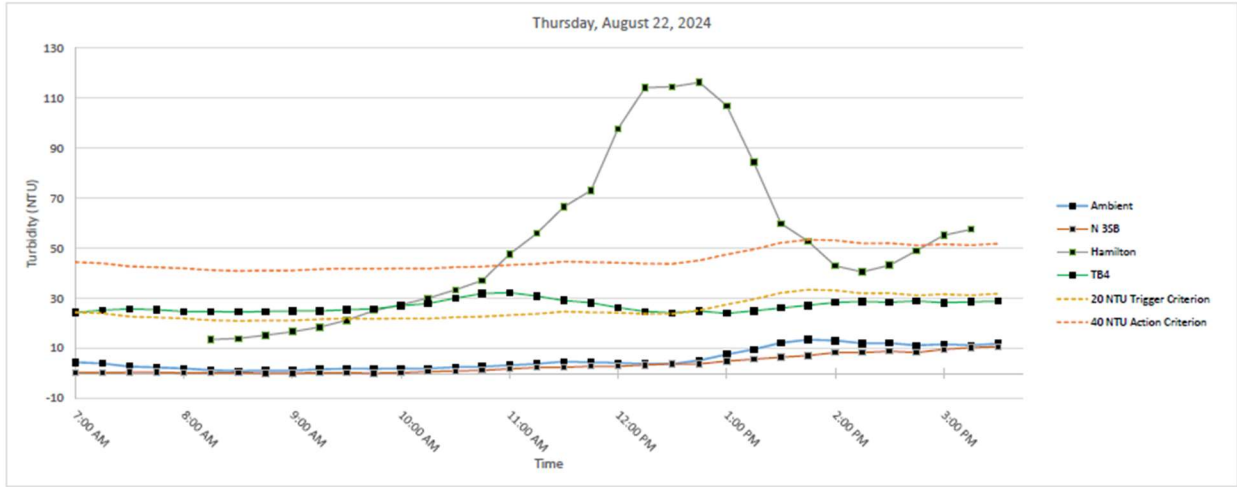
Figure 6. Hourly rolling average turbidity readings from 7 AM to 3:30 PM.



Note: Software issues associated with the Hamilton Street Bridge sentinel between 06:30 on Wednesday, August 21, to 08:00 on Thursday, August 22. Therefore, no data recorded during this time.

3.4 Thursday, August 22, 2024

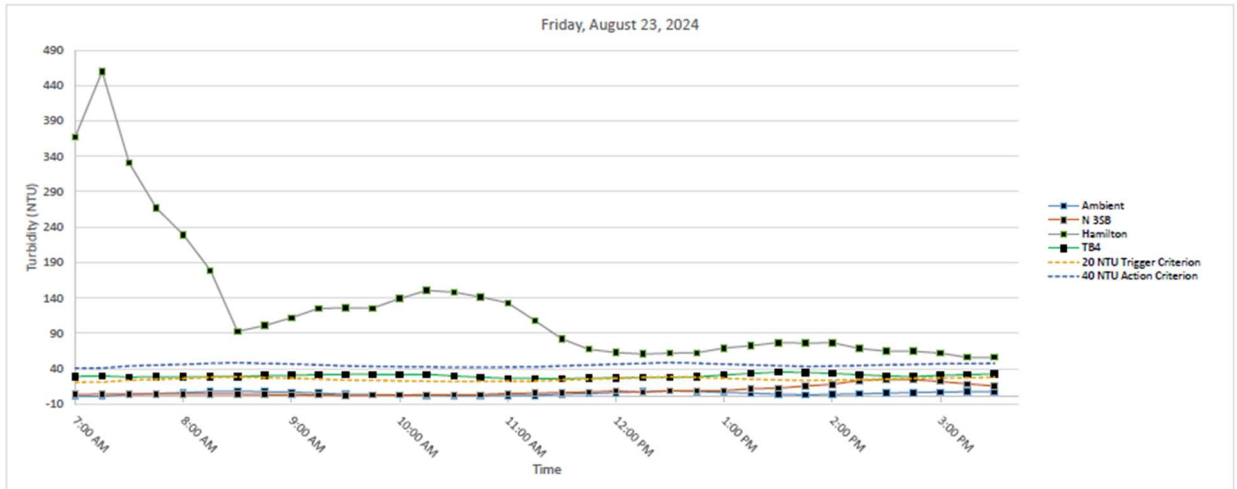
Figure 7. Hourly rolling average turbidity readings from 7 AM to 3:30 PM.



Note: Elevated readings at Hamilton Street bridge are associated to commercial activities and unrelated to construction activities. Elevated readings in TB4 are considered background.

3.5 Friday, August 23, 2024

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



Note: Elevated readings at Hamilton Street bridge throughout the day unrelated to work activities. Elevated readings in TB4 are considered background.

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 = 4.48 (+/-0.1) mg/L
 - Min = 2.82 (+/-0.1) mg/L on Sunday, August 24, 2024.
 - Max = 7.70 (+/-0.1) mg/L on Monday, August 19, 2024

- 3SB
 - Average = 4.41 (+/-0.1) mg/L
 - Min = 2.63 (+/-0.1) mg/L on Thursday, August 22, 2024
 - Max = 6.15 (+/-0.1) mg/L on Tuesday, August 20, 2024

- TB4
 - Average = 3.48 (+/-0.1) mg/L
 - Min = 1.32 (+/-0.1) mg/L on Friday, August 23, 2024
 - Max = 5.87 (+/-0.1) mg/L on Wednesday, August 21, 2024

- 9th Street Bridge (N 9SB) from August 19 to August 21
 - Average = 4.05 (+/-0.1) mg/L
 - Min = 2.80 (+/-0.1) mg/L on Monday, August 19, 2024
 - Max = 4.97 (+/-0.1) mg/L on Monday, August 19, 2024

- Hamilton Street Bridge (Hamilton) from August 21 to August 23
 - Average = 3.89 (+/-0.1) mg/L
 - Min = 3.02 (+/-0.1) mg/L on Friday, August 23, 2024
 -
 - Max = 5.51 (+/-0.1) mg/L on Monday, August 19, 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 19, 2024. General Conditions in Canal north of 9th Street Bridge prior to work activities at 07:07. Moderate sheens noted prior to work activities.

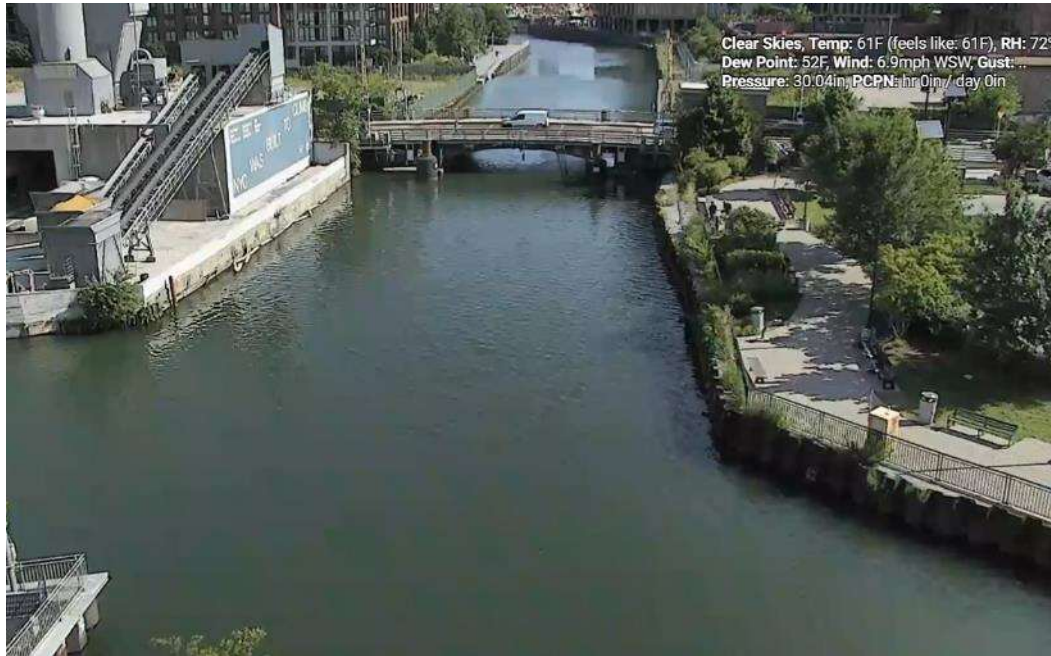


Figure 10 – August 21, 2024. General Conditions in Canal at 3rd Street Bridge during working activities at 09:55.

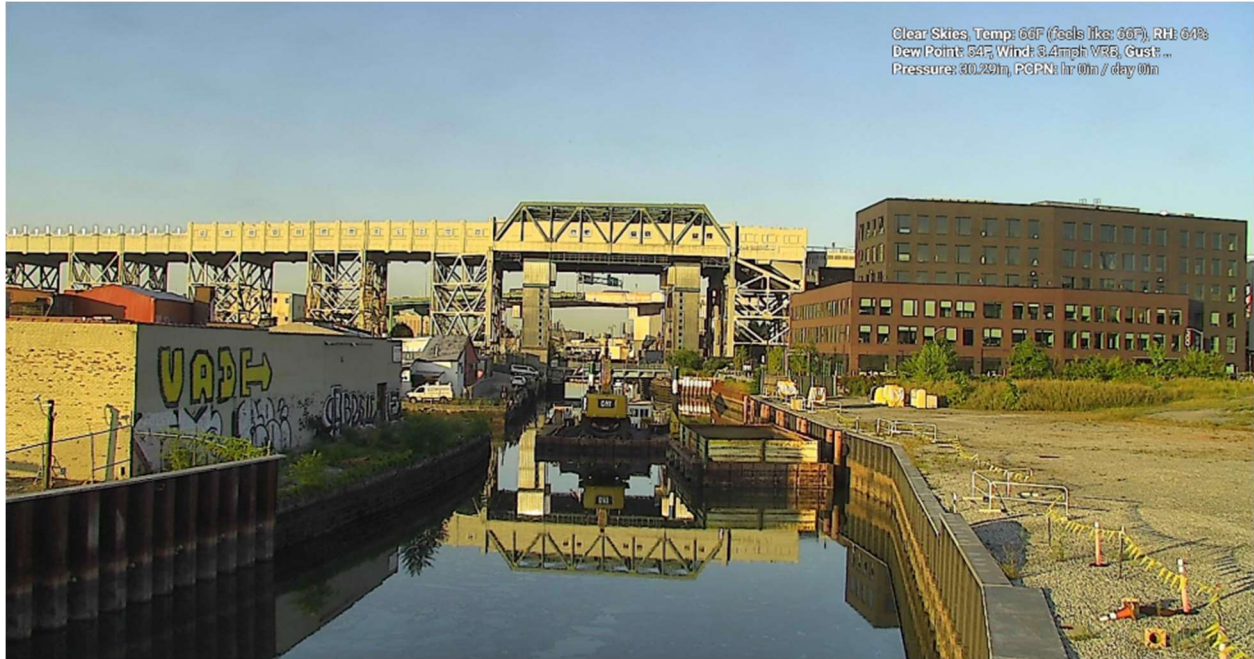


Figure 11 – August 23, 2024. General Conditions in Canal north of 9th Street Bridge before work activities at 07:07. Moderate sheens noted prior to work activities.

APPENDIX A
Turbidity Data Tables

Table 3

Monday, August 19, 2024

Date	Time	Turbidity (NTU)				Rolling Average Turbidity (NTU)				Difference (NTU)		
		Ambient	N35B	TB4	95B	Ambient	N35B	TB4	95B	N35B - Ambient	TB4 - Ambient	95B - Ambient
8/19/2024	7:00:00 AM	5.54	0.70	92.14	18.53	5.54	1.36	93.05	18.53	-4.18	87.51	12.99
8/19/2024	7:15:00 AM	6.31	1.12	93.35	15.08	5.92	1.22	91.00	16.80	-4.71	85.08	10.88
8/19/2024	7:30:00 AM	--	1.83	89.17	12.03	5.92	1.29	89.91	15.21	-4.73	83.99	9.29
8/19/2024	7:45:00 AM	--	0.59	90.28	9.29	5.92	1.09	91.53	13.73	-4.83	85.61	7.81
8/19/2024	8:00:00 AM	0.93	0.37	95.82	15.68	4.26	0.92	92.15	14.12	-3.34	87.90	9.86
8/19/2024	8:15:00 AM	1.35	--	7.35	25.56	2.86	0.98	75.19	15.53	-1.88	72.33	12.67
8/19/2024	8:30:00 AM	1.13	0.00	9.43	--	1.14	0.70	58.41	15.64	-0.44	57.27	14.50
8/19/2024	8:45:00 AM	1.51	0.15	7.95	7.43	1.23	0.28	42.17	14.49	-0.95	40.94	13.26
8/19/2024	9:00:00 AM	2.41	0.00	9.05	6.54	1.47	0.13	25.92	13.81	-1.34	24.45	12.34
8/19/2024	9:15:00 AM	7.68	0.20	8.63	6.15	2.82	0.09	8.48	11.42	-2.73	5.66	8.60
8/19/2024	9:30:00 AM	7.26	--	7.28	6.64	4.00	0.09	8.47	6.69	-3.91	4.47	2.69
8/19/2024	9:45:00 AM	8.33	0.00	9.04	6.03	5.44	0.09	8.39	6.56	-5.35	2.95	1.12
8/19/2024	10:00:00 AM	9.01	0.98	8.33	6.94	6.94	0.29	8.46	6.46	-6.65	1.52	-0.48
8/19/2024	10:15:00 AM	11.78	1.97	11.12	4.93	8.81	0.79	8.88	6.14	-8.03	0.06	-2.68
8/19/2024	10:30:00 AM	7.49	2.91	18.02	6.39	8.78	1.46	10.76	6.19	-7.31	1.98	-2.59
8/19/2024	10:45:00 AM	5.04	2.06	10.62	11.79	8.33	1.58	11.42	7.22	-6.75	3.09	-1.11
8/19/2024	11:00:00 AM	6.73	3.46	6.28	6.97	8.01	2.27	10.87	7.41	-5.74	2.86	-0.61
8/19/2024	11:15:00 AM	7.32	3.53	7.60	12.62	7.67	2.78	10.73	8.54	-4.89	3.06	0.87
8/19/2024	11:30:00 AM	8.01	4.56	6.34	13.24	6.92	3.30	9.77	10.20	-3.62	2.86	3.28
8/19/2024	11:45:00 AM	7.30	1.97	7.61	--	6.88	3.11	7.69	11.16	-3.76	0.81	4.28
8/19/2024	12:00:00 PM	5.81	2.39	7.79	11.10	7.03	3.18	7.12	10.98	-3.85	0.09	3.95
8/19/2024	12:15:00 PM	7.83	2.66	8.65	11.15	7.25	3.02	7.60	12.03	-4.23	0.34	4.77
8/19/2024	12:30:00 PM	13.28	1.42	11.51	13.07	8.45	2.60	8.38	12.14	-5.85	-0.07	3.69
8/19/2024	12:45:00 PM	6.65	2.65	8.17	11.61	8.17	2.22	8.75	11.73	-5.96	0.57	3.56
8/19/2024	1:00:00 PM	6.75	2.19	6.35	16.94	8.07	2.26	8.49	12.77	-5.80	0.43	4.71
8/19/2024	1:15:00 PM	4.22	2.04	7.03	15.08	7.75	2.19	8.34	13.57	-5.55	0.59	5.82
8/19/2024	1:30:00 PM	3.61	0.37	7.76	16.14	6.90	1.73	8.16	14.57	-5.17	1.26	7.67
8/19/2024	1:45:00 PM	3.78	--	8.00	20.02	5.00	1.81	7.46	15.96	-3.19	2.46	10.96
8/19/2024	2:00:00 PM	3.87	0.77	8.28	12.37	4.45	1.34	7.48	16.11	-3.10	3.04	11.67
8/19/2024	2:15:00 PM	4.95	1.24	7.25	14.70	4.09	1.11	7.66	15.66	-2.98	3.58	11.58
8/19/2024	2:30:00 PM	4.73	1.27	9.95	10.95	4.19	0.91	8.25	14.84	-3.27	4.06	10.65
8/19/2024	2:45:00 PM	2.33	0.93	7.53	14.13	3.93	1.05	8.20	14.43	-2.88	4.27	10.50
8/19/2024	3:00:00 PM	3.43	--	8.01	15.15	3.86	1.05	8.20	13.46	-2.81	4.34	9.60
8/19/2024	3:15:00 PM	3.18	0.00	10.92	15.55	3.72	0.86	8.73	14.10	-2.86	5.01	10.37
8/19/2024	3:30:00 PM	--	--	--	--	3.42	0.73	9.10	13.95	-2.68	5.68	10.53

Table 4

Tuesday, August 20, 2024

Date	Time	Turbidity (NTU)				Rolling Average Turbidity (NTU)				Difference (NTU)		
		Ambient	N35B	TB4	95B	Ambient	N35B	TB4	95B	N35B - Ambient	TB4 - Ambient	95B - Ambient
8/20/2024	7:00:00	--	0.00	7.14	34.82	--	0.67	7.97	34.82	--	--	--
8/20/2024	7:15:00	--	--	6.75	26.64	--	0.84	7.20	30.73	--	--	--
8/20/2024	7:30:00	--	--	7.22	19.56	--	0.00	7.17	27.01	--	--	--
8/20/2024	7:45:00	--	--	7.48	8.36	--	0.00	7.04	22.35	--	--	--
8/20/2024	8:00:00	--	--	6.75	9.85	--	0.00	7.07	19.85	--	--	--
8/20/2024	8:15:00	--	--	7.45	13.49	--	--	7.13	15.58	--	--	--
8/20/2024	8:30:00	--	--	8.48	17.12	--	--	7.48	13.68	--	--	--
8/20/2024	8:45:00	--	--	7.91	15.95	--	--	7.62	12.95	--	--	--
8/20/2024	9:00:00	--	0.00	6.56	23.67	--	0.00	7.43	16.01	--	--	--
8/20/2024	9:15:00	--	0.00	7.62	27.89	--	0.00	7.60	19.62	--	--	--
8/20/2024	9:30:00	--	0.00	7.81	25.08	--	0.00	7.68	21.94	--	--	--
8/20/2024	9:45:00	--	--	7.91	18.32	--	0.00	7.56	22.18	--	--	--
8/20/2024	10:00:00	--	--	9.32	22.22	--	0.00	7.84	23.44	--	--	--
8/20/2024	10:15:00	--	0.12	6.93	31.12	--	0.04	7.92	24.93	--	--	--
8/20/2024	10:30:00	--	0.88	8.19	26.08	--	0.33	8.03	24.57	--	--	--
8/20/2024	10:45:00	--	1.87	16.15	20.09	--	0.96	9.70	23.57	--	--	--
8/20/2024	11:00:00	--	2.32	7.10	15.81	--	1.30	9.54	23.06	--	--	--
8/20/2024	11:15:00	--	3.08	7.23	28.17	--	1.65	9.12	24.25	--	--	--
8/20/2024	11:30:00	--	2.41	7.46	28.86	--	2.11	9.23	23.80	--	--	--
8/20/2024	11:45:00	--	2.44	7.18	14.02	--	2.43	9.02	21.39	--	--	--
8/20/2024	12:00:00	--	3.06	7.24	26.95	--	2.66	7.24	22.76	--	--	--
8/20/2024	12:15:00	--	3.78	7.68	31.08	--	2.95	7.36	25.82	--	--	--
8/20/2024	12:30:00	--	1.54	8.25	34.64	--	2.65	7.56	27.11	--	--	--
8/20/2024	12:45:00	--	2.76	8.59	34.07	--	2.72	7.79	28.15	--	--	--
8/20/2024	13:00:00	--	--	10.54	27.37	--	2.78	8.46	30.82	--	--	--
8/20/2024	13:15:00	--	2.84	7.10	11.51	--	2.73	8.43	27.73	--	--	--
8/20/2024	13:30:00	--	2.36	8.99	30.63	--	2.38	8.70	27.64	--	--	--
8/20/2024	13:45:00	--	2.95	8.47	38.08	--	2.73	8.74	28.33	--	--	--
8/20/2024	14:00:00	--	3.71	7.82	34.38	--	2.96	8.59	28.40	--	--	--
8/20/2024	14:15:00	--	3.22	8.46	23.94	--	3.02	8.17	27.71	--	--	--
8/20/2024	14:30:00	--	2.30	7.82	37.92	--	2.91	8.31	32.99	--	--	--
8/20/2024	14:45:00	6.87	2.46	10.47	24.01	6.87	2.93	8.61	31.67	-3.94	1.74	24.80
8/20/2024	15:00:00	5.30	2.94	7.76	31.73	6.08	2.93	8.47	30.40	-3.16	2.38	24.31
8/20/2024	15:15:00	5.47	3.71	7.27	37.93	5.88	2.93	8.36	31.10	-2.95	2.48	25.22
8/20/2024	15:30:00	--	--	--	--	5.88	2.85	8.33	32.90	-3.03	2.45	27.02

Table 5

Wednesday, August 21, 2024

Date	Time	Turbidity (NTU)				Rolling Average Turbidity (NTU)				Difference (NTU)		
		Ambient	N35B	TB4	Hamilton	Ambient	N35B	TB4	Hamilton	N35B - Ambient	TB4 - Ambient	Hamilton
8/21/2024	7:00:00	0.56	--	11.46	--	0.56	--	11.46	--	--	10.90	--
8/21/2024	7:15:00	0.65	--	11.18	--	0.61	--	11.32	--	--	10.71	--
8/21/2024	7:30:00	3.15	--	11.63	--	1.46	--	11.42	--	--	9.97	--
8/21/2024	7:45:00	3.30	--	13.18	--	1.92	--	11.86	--	--	9.94	--
8/21/2024	8:00:00	3.46	--	12.88	--	2.23	--	12.07	--	--	9.84	--
8/21/2024	8:15:00	3.53	--	13.36	--	2.82	--	12.45	--	--	9.62	--
8/21/2024	8:30:00	1.13	--	12.34	--	2.92	--	12.68	--	--	9.76	--
8/21/2024	8:45:00	2.36	--	14.43	--	2.76	--	13.24	--	--	10.48	--
8/21/2024	9:00:00	1.02	--	11.80	--	2.30	--	12.96	--	--	10.66	--
8/21/2024	9:15:00	0.90	--	13.24	--	1.79	--	13.03	--	--	11.24	--
8/21/2024	9:30:00	3.52	--	13.01	--	1.79	--	12.96	--	--	11.18	--
8/21/2024	9:45:00	2.67	--	14.07	--	2.09	--	13.31	--	--	11.21	--
8/21/2024	10:00:00	2.21	--	13.95	--	2.07	--	13.21	--	--	11.15	--
8/21/2024	10:15:00	1.88	--	12.35	--	2.24	--	13.32	--	--	11.09	--
8/21/2024	10:30:00	1.42	--	15.80	--	2.34	--	13.84	--	--	11.49	--
8/21/2024	10:45:00	3.69	--	14.48	--	2.38	--	14.13	--	--	11.76	--
8/21/2024	11:00:00	4.32	--	17.82	--	2.71	--	14.88	--	--	12.18	--
8/21/2024	11:15:00	4.87	5.43	15.74	--	3.24	5.43	15.24	--	2.20	12.00	--
8/21/2024	11:30:00	6.94	3.08	14.23	--	4.25	4.26	15.62	--	0.01	11.37	--
8/21/2024	11:45:00	7.35	0.76	13.70	--	5.43	3.09	15.19	--	-2.34	9.76	--
8/21/2024	12:00:00	7.72	1.61	16.40	--	6.24	2.72	15.58	--	-3.52	9.34	--
8/21/2024	12:15:00	7.83	4.15	13.21	--	6.94	3.01	14.66	--	-3.93	7.72	--
8/21/2024	12:30:00	7.26	4.33	15.48	--	7.42	2.78	14.60	--	-4.63	7.19	--
8/21/2024	12:45:00	9.40	5.50	16.27	--	7.91	3.27	15.01	--	-4.64	7.10	--
8/21/2024	13:00:00	8.82	5.56	16.00	--	8.20	4.23	15.47	--	-3.98	7.27	--
8/21/2024	13:15:00	--	3.50	17.59	--	8.33	4.61	15.71	--	-3.72	7.38	--
8/21/2024	13:30:00	6.63	5.69	16.66	--	8.03	4.92	16.40	--	-3.11	8.37	--
8/21/2024	13:45:00	12.97	3.49	14.69	--	9.46	4.75	16.24	--	-4.71	6.79	--
8/21/2024	14:00:00	10.91	4.60	15.44	--	9.83	4.57	16.08	--	-5.27	6.24	--
8/21/2024	14:15:00	11.85	5.13	14.04	--	10.59	4.48	15.68	--	-6.11	5.09	--
8/21/2024	14:30:00	10.07	3.13	17.21	--	10.49	4.41	15.61	--	-6.08	5.12	--
8/21/2024	14:45:00	6.78	4.10	13.60	--	10.52	4.09	15.00	--	-6.43	4.48	--
8/21/2024	15:00:00	5.59	3.15	14.47	--	9.04	4.02	14.95	--	-5.02	5.91	--
8/21/2024	15:15:00	4.38	4.49	14.32	--	7.73	4.00	14.73	--	-3.73	6.99	--
8/21/2024	15:30:00	--	--	--	--	6.70	3.72	14.90	--	-2.99	8.19	--

Table 6

Thursday, August 22, 2024

Date	Time	Turbidity (NTU)				Rolling Average Turbidity (NTU)				Difference (NTU)		
		Ambient	N3SB	TB4	Hamilton	Ambient	N3SB	TB4	Hamilton	N3SB - Ambient	TB4 - Ambient	Hamilton
8/22/2024	7:00:00	4.49	0.15	20.80	--	4.49	0.36	24.36	--	-4.13	19.87	--
8/22/2024	7:15:00	3.59	--	27.88	--	4.04	0.36	25.27	--	-3.69	21.23	--
8/22/2024	7:30:00	0.22	0.44	26.70	--	2.77	0.46	25.79	--	-2.30	23.03	--
8/22/2024	7:45:00	1.38	0.30	24.36	--	2.42	0.47	25.53	--	-1.95	23.11	--
8/22/2024	8:00:00	0.37	0.10	23.91	--	2.01	0.24	24.73	--	-1.77	22.72	--
8/22/2024	8:15:00	0.91	0.19	20.97	--	1.29	0.25	24.76	--	-1.04	23.47	--
8/22/2024	8:30:00	2.09	0.34	26.61	13.58	0.99	0.27	24.51	13.58	-0.72	23.52	12.59
8/22/2024	8:45:00	--	0.00	28.20	14.35	1.19	0.18	24.81	13.97	-1.00	23.62	12.78
8/22/2024	9:00:00	1.29	0.24	24.97	18.07	1.16	0.17	24.93	15.33	-0.99	23.77	14.17
8/22/2024	9:15:00	2.44	0.24	23.95	20.68	1.68	0.20	24.94	16.67	-1.48	23.26	14.99
8/22/2024	9:30:00	--	--	23.54	25.93	1.94	0.20	25.45	18.52	-1.74	23.51	16.58
8/22/2024	9:45:00	1.91	0.00	28.59	27.22	1.88	0.12	25.85	21.25	-1.76	23.97	19.37
8/22/2024	10:00:00	2.29	0.75	34.51	33.53	1.98	0.31	27.11	25.09	-1.67	25.13	23.11
8/22/2024	10:15:00	1.06	1.82	28.97	30.27	1.92	0.70	27.91	27.53	-1.22	25.99	25.60
8/22/2024	10:30:00	4.81	1.24	34.70	33.26	2.52	0.95	30.06	30.04	-1.56	27.54	27.53
8/22/2024	10:45:00	3.48	2.52	33.19	42.62	2.71	1.27	31.99	33.38	-1.44	29.28	30.67
8/22/2024	11:00:00	5.05	3.08	30.17	46.20	3.34	1.88	32.31	37.17	-1.46	28.97	33.84
8/22/2024	11:15:00	4.85	3.26	27.62	86.45	3.85	2.39	30.93	47.76	-1.46	27.08	43.91
8/22/2024	11:30:00	5.63	2.10	20.36	71.13	4.76	2.44	29.21	55.93	-2.32	24.44	51.17
8/22/2024	11:45:00	3.14	3.45	29.86	86.68	4.43	2.88	28.24	66.61	-1.55	23.81	62.19
8/22/2024	12:00:00	2.70	2.73	23.83	74.85	4.27	2.92	26.37	73.06	-1.35	22.10	68.79
8/22/2024	12:15:00	2.96	5.25	22.07	170.09	3.86	3.36	24.75	97.84	-0.50	20.89	93.98
8/22/2024	12:30:00	4.69	5.26	25.00	168.74	3.82	3.76	24.22	114.30	-0.07	20.40	110.47
8/22/2024	12:45:00	12.62	2.58	23.87	72.75	5.22	3.85	24.93	114.62	-1.37	19.70	109.40
8/22/2024	13:00:00	14.83	8.94	25.40	95.13	7.56	4.95	24.03	116.31	-2.61	16.47	108.75
8/22/2024	13:15:00	13.17	6.27	28.93	28.73	9.65	5.66	25.05	107.09	-3.99	15.40	97.44
8/22/2024	13:30:00	15.97	9.39	27.90	56.57	12.25	6.49	26.22	84.39	-5.77	13.97	72.13
8/22/2024	13:45:00	10.76	8.48	30.05	46.44	13.47	7.13	27.23	59.92	-6.34	13.76	46.46
8/22/2024	14:00:00	11.26	8.93	29.56	37.29	13.20	8.40	28.37	52.83	-4.79	15.17	39.63
8/22/2024	14:15:00	8.82	9.01	27.56	46.03	12.00	8.42	28.80	43.01	-3.58	16.81	31.02
8/22/2024	14:30:00	13.84	8.47	27.15	16.55	12.13	8.86	28.44	40.58	-3.27	16.31	28.45
8/22/2024	14:45:00	11.32	6.74	30.79	70.00	11.20	8.33	29.02	43.26	-2.87	17.82	32.06
8/22/2024	15:00:00	13.03	15.13	26.64	75.76	11.65	9.66	28.34	49.13	-2.00	16.69	37.47
8/22/2024	15:15:00	9.46	12.54	30.97	67.74	11.29	10.38	28.62	55.22	-0.91	17.33	43.92
8/22/2024	15:30:00	--	--	--	--	11.91	10.72	28.89	57.51	-1.19	16.98	45.60

Table 7

Friday, August 23, 2024

Date	Time	Turbidity (NTU)				Rolling Average Turbidity (NTU)				N3SB - Ambient	TB4 - Ambient	Hamilton
		Ambient	N3SB	TB4	Hamilton	Ambient	N3SB	TB4	Hamilton			
8/23/2024	7:00:00	0.72	3.73	29.17	367.22	0.72	3.73	29.17	367.22	3.01	28.45	366.50
8/23/2024	7:15:00	1.26	4.22	29.94	552.61	0.99	3.98	29.56	459.91	2.98	28.57	458.92
8/23/2024	7:30:00	9.01	4.35	25.42	71.72	3.66	4.10	28.18	330.52	0.44	24.51	326.85
8/23/2024	7:45:00	8.73	3.80	29.00	77.59	4.93	4.02	28.38	267.29	-0.91	23.45	262.36
8/23/2024	8:00:00	10.40	4.46	27.87	77.12	6.02	4.11	28.28	229.25	-1.91	22.26	223.23
8/23/2024	8:15:00	8.91	4.32	31.43	115.02	7.66	4.23	28.73	178.81	-3.43	21.07	171.15
8/23/2024	8:30:00	4.06	3.34	30.00	121.65	8.22	4.05	28.74	92.62	-4.17	20.52	84.40
8/23/2024	8:45:00	4.65	1.84	32.37	112.86	7.35	3.55	30.13	100.85	-3.80	22.79	93.50
8/23/2024	9:00:00	4.98	1.92	30.64	133.47	6.60	3.18	30.46	112.03	-3.42	23.86	105.42
8/23/2024	9:15:00	4.07	2.16	32.23	143.34	5.33	2.72	31.33	125.27	-2.62	26.00	119.94
8/23/2024	9:30:00	1.53	2.24	34.24	117.59	3.86	2.30	31.90	125.78	-1.56	28.04	121.93
8/23/2024	9:45:00	1.64	5.04	30.95	120.48	3.37	2.64	32.09	125.55	-0.74	28.71	122.17
8/23/2024	10:00:00	1.72	2.89	30.01	180.85	2.79	2.85	31.61	139.15	0.06	28.83	136.36
8/23/2024	10:15:00	2.63	3.09	32.76	190.95	2.32	3.08	32.04	150.64	0.77	29.72	148.32
8/23/2024	10:30:00	--	3.03	20.37	130.33	1.88	3.26	29.67	148.04	1.38	27.78	146.16
8/23/2024	10:45:00	2.14	2.27	24.55	83.87	2.03	3.26	27.73	141.30	1.23	25.70	139.26
8/23/2024	11:00:00	2.27	13.41	24.31	78.05	2.19	4.94	26.40	132.81	2.75	24.21	130.62
8/23/2024	11:15:00	2.29	5.31	29.32	57.25	2.33	5.42	26.26	108.09	3.09	23.93	105.76
8/23/2024	11:30:00	9.28	--	30.93	61.48	3.99	6.00	25.90	82.20	2.01	21.90	78.20
8/23/2024	11:45:00	9.13	7.03	24.21	55.78	5.02	7.00	26.66	67.29	1.98	21.64	62.27
8/23/2024	12:00:00	8.54	--	26.23	61.33	6.30	8.58	27.00	62.78	2.28	20.70	56.48
8/23/2024	12:15:00	7.89	7.91	27.62	68.35	7.43	6.75	27.66	60.84	-0.68	20.24	53.41
8/23/2024	12:30:00	8.53	11.79	27.57	61.82	8.67	8.91	27.31	61.75	0.24	18.64	53.08
8/23/2024	12:45:00	3.51	--	36.82	64.78	7.52	8.91	28.49	62.41	1.39	20.97	54.89
8/23/2024	13:00:00	3.09	8.18	38.09	89.78	6.31	9.29	31.27	69.21	2.98	24.95	62.90
8/23/2024	13:15:00	2.46	18.05	35.69	77.15	5.09	11.48	33.16	72.37	6.39	28.07	67.28
8/23/2024	13:30:00	2.98	12.28	37.61	90.91	4.11	12.57	35.16	76.89	8.46	31.04	72.77
8/23/2024	13:45:00	4.12	23.43	25.63	57.20	3.23	15.48	34.77	75.96	12.25	31.54	72.73
8/23/2024	14:00:00	6.42	27.07	29.44	68.35	3.81	17.80	33.29	76.68	13.99	29.48	72.87
8/23/2024	14:15:00	6.21	36.51	29.51	48.96	4.44	23.47	31.58	68.52	19.03	27.14	64.08
8/23/2024	14:30:00	6.84	23.43	25.40	58.09	5.31	24.54	29.52	64.70	19.23	24.20	59.39
8/23/2024	14:45:00	6.50	12.44	34.13	90.48	6.02	24.58	28.82	64.62	18.56	22.80	58.60
8/23/2024	15:00:00	8.86	9.35	34.55	42.85	6.97	21.76	30.61	61.74	14.79	23.64	54.78
8/23/2024	15:15:00	7.57	11.21	34.13	39.73	7.20	18.59	31.54	56.02	11.39	24.35	48.82
8/23/2024	15:30:00	8.69	20.73	35.23	48.81	7.69	15.43	32.69	55.99	7.74	24.99	48.30

APPENDIX B
Dissolved Oxygen Data

Table 8

August 19 - August 25, 2024

Date	Time	DO (mg/L)			
		Ambient	N3SB	TB4	9SB/Hamilton
8/18/24	11:00 PM	5.2	4.5	3.5	4.3
8/18/24	11:15 PM	5.7	5.0	3.8	4.2
8/18/24	11:30 PM	5.6	4.6	3.5	4.2
8/18/24	11:45 PM	5.7	5.2	3.0	4.2
8/19/24	12:00 AM	5.7	5.5	2.9	4.1
8/19/24	12:15 AM	5.7	5.7	3.4	3.3
8/19/24	12:30 AM	5.7	5.7	3.5	4.1
8/19/24	12:45 AM	5.4	5.4	3.5	3.9
8/19/24	1:00 AM	5.3	5.5	2.5	3.6
8/19/24	1:15 AM	5.0	5.3	2.8	3.6
8/19/24	1:30 AM	5.0	5.2	3.2	4.1
8/19/24	1:45 AM	4.9	5.1	2.6	3.7
8/19/24	2:00 AM	4.7	4.9	2.9	3.0
8/19/24	2:15 AM	4.6	4.8	3.1	3.4
8/19/24	2:30 AM	4.5	4.5	2.4	3.4
8/19/24	2:45 AM	4.5	4.5	2.9	2.9
8/19/24	3:00 AM	4.3	4.5	3.0	3.2
8/19/24	3:15 AM	4.0	4.4	2.5	3.1
8/19/24	3:30 AM	4.5	3.8	2.4	2.9
8/19/24	3:45 AM	4.6	3.8	2.6	2.8
8/19/24	4:00 AM	4.4	4.1	2.6	3.3
8/19/24	4:15 AM	4.3	3.6	2.4	3.6
8/19/24	4:30 AM	4.3	3.0	2.8	3.5
8/19/24	4:45 AM	4.5	3.3	2.7	3.6
8/19/24	5:00 AM	3.7	3.3	2.7	3.3
8/19/24	5:15 AM	3.7	3.5	2.2	3.2
8/19/24	5:30 AM	4.3	3.2	2.3	3.5
8/19/24	5:45 AM	4.3	3.4	1.9	3.7
8/19/24	6:00 AM	4.2	3.3	2.4	3.9
8/19/24	6:15 AM	3.9	3.9	2.4	3.7
8/19/24	6:30 AM	3.8	3.9	2.0	3.3
8/19/24	6:45 AM	4.1	3.8	2.0	3.7
8/19/24	7:00 AM	4.1	3.8	2.1	3.8
8/19/24	7:15 AM	4.2	3.4	2.3	3.6
8/19/24	7:30 AM	4.4	3.5	2.5	3.6
8/19/24	7:45 AM	7.7	4.4	2.7	3.6
8/19/24	8:00 AM	4.6	4.4	2.5	5.0
8/19/24	8:15 AM	4.7	4.4	3.7	3.8
8/19/24	8:30 AM	4.7	4.6	3.2	4.0
8/19/24	8:45 AM	4.9	4.5	3.3	3.9
8/19/24	9:00 AM	4.9	4.6	3.2	4.1
8/19/24	9:15 AM	5.1	4.8	3.2	3.9
8/19/24	9:30 AM	5.4	4.5	3.3	4.0
8/19/24	9:45 AM	5.5	4.3	3.5	4.1
8/19/24	10:00 AM	5.5	5.1	3.4	4.0
8/19/24	10:15 AM	5.7	5.2	3.6	3.8
8/19/24	10:30 AM	5.7	5.3	3.6	3.5
8/19/24	10:45 AM	5.8	5.2	3.5	3.3
8/19/24	11:00 AM	5.8	5.3	3.4	3.7
8/19/24	11:15 AM	5.9	5.4	3.5	4.6
8/19/24	11:30 AM	5.9	5.6	3.5	4.0
8/19/24	11:45 AM	5.8	5.7	3.5	3.9
8/19/24	12:00 PM	5.8	5.7	3.4	3.8
8/19/24	12:15 PM	5.8	5.6	3.8	4.2
8/19/24	12:30 PM	5.7	5.6	3.6	3.2
8/19/24	12:45 PM	5.7	5.6	3.9	3.2
8/19/24	1:00 PM	5.5	5.6	3.7	3.6
8/19/24	1:15 PM	5.4	5.5	3.6	2.9
8/19/24	1:30 PM	5.2	5.4	3.9	4.2
8/19/24	1:45 PM	5.2	5.3	4.2	4.4
8/19/24	2:00 PM	4.9	5.2	4.0	4.5

Note: Data has not been validated

Table 8

August 19 - August 25, 2024

Date	Time	DO (mg/L)			
		Ambient	N3SB	TB4	9SB/Hamilton
8/19/24	2:15 PM	4.9	5.2	4.0	4.2
8/19/24	2:30 PM	4.7	5.0	4.0	4.2
8/19/24	2:45 PM	4.7	4.9	4.0	3.8
8/19/24	3:00 PM	4.5	4.9	3.9	4.0
8/19/24	3:15 PM	4.4	4.9	4.2	4.1
8/19/24	3:30 PM	4.3	4.8	4.2	4.1
8/19/24	3:45 PM	4.2	4.8	4.1	4.2
8/19/24	4:00 PM	4.2	4.6	4.1	4.2
8/19/24	4:15 PM	4.2	4.5	4.1	4.1
8/19/24	4:30 PM	4.4	4.4	4.3	4.2
8/19/24	4:45 PM	4.4	4.4	4.3	4.0
8/19/24	5:00 PM	4.5	4.3	4.3	4.1
8/19/24	5:15 PM	4.6	4.4	4.4	4.3
8/19/24	5:30 PM	4.5	4.3	4.4	4.2
8/19/24	5:45 PM	4.6	4.3	4.3	4.3
8/19/24	6:00 PM	4.6	4.3	4.4	4.3
8/19/24	6:15 PM	4.6	4.3	4.4	4.2
8/19/24	6:30 PM	4.8	4.3	4.1	4.1
8/19/24	6:45 PM	4.7	4.3	4.4	4.1
8/19/24	7:00 PM	4.7	4.4	4.2	4.0
8/19/24	7:15 PM	4.9	4.4	4.1	3.7
8/19/24	7:30 PM	4.8	4.5	4.2	3.8
8/19/24	7:45 PM	4.8	4.4	4.3	3.8
8/19/24	8:00 PM	5.0	4.5	4.2	3.8
8/19/24	8:15 PM	5.2	4.5	4.2	3.9
8/19/24	8:30 PM	5.2	4.5	4.2	3.8
8/19/24	8:45 PM	5.2	4.7	4.2	3.9
8/19/24	9:00 PM	5.1	4.8	4.2	3.8
8/19/24	9:15 PM	4.9	4.8	4.1	3.8
8/19/24	9:30 PM	5.0	4.9	4.2	3.7
8/19/24	9:45 PM	5.5	5.0	4.0	3.8
8/19/24	10:00 PM	5.9	5.1	4.0	4.0
8/19/24	10:15 PM	6.1	5.2	4.1	3.9
8/19/24	10:30 PM	6.2	5.5	4.1	3.8
8/19/24	10:45 PM	6.2	5.4	4.1	3.8
8/19/24	11:00 PM	6.2	5.7	4.1	4.2
8/19/24	11:15 PM	6.2	5.7	4.1	4.0
8/19/24	11:30 PM	6.2	5.8	4.0	4.2
8/19/24	11:45 PM	6.1	5.8	3.7	4.1
8/20/24	12:00 AM	6.0	6.1	3.6	4.2
8/20/24	12:15 AM	5.9	6.2	3.6	4.2
8/20/24	12:30 AM	5.8	6.1	3.8	4.3
8/20/24	12:45 AM	5.7	6.0	3.8	4.6
8/20/24	1:00 AM	5.5	5.9	3.6	4.4
8/20/24	1:15 AM	5.2	5.7	3.6	4.5
8/20/24	1:30 AM	5.1	5.4	3.7	4.9
8/20/24	1:45 AM	5.0	5.3	3.7	4.9
8/20/24	2:00 AM	4.8	5.2	3.7	4.8
8/20/24	2:15 AM	4.8	5.0	3.7	4.6
8/20/24	2:30 AM	4.7	4.9	3.6	4.8
8/20/24	2:45 AM	4.6	4.8	3.6	4.4
8/20/24	3:00 AM	4.5	4.7	3.6	4.3
8/20/24	3:15 AM	4.4	4.6	3.6	4.3
8/20/24	3:30 AM	4.3	4.5	3.6	4.2
8/20/24	3:45 AM	4.3	4.4	3.5	4.1
8/20/24	4:00 AM	4.3	4.4	3.5	4.2
8/20/24	4:15 AM	4.3	4.3	3.4	4.2
8/20/24	4:30 AM	4.3	4.2	3.3	4.4
8/20/24	4:45 AM	4.2	4.2	3.2	4.3
8/20/24	5:00 AM	4.3	4.2	3.4	4.4
8/20/24	5:15 AM	4.3	4.1	3.2	4.3

Note: Data has not been validated

Table 8

August 19 - August 25, 2024

Date	Time	DO (mg/L)			
		Ambient	N3SB	TB4	9SB/Hamilton
8/20/24	5:30 AM	--	4.1	3.3	4.2
8/20/24	5:45 AM	--	4.1	3.2	4.3
8/20/24	6:00 AM	--	4.0	3.3	4.1
8/20/24	6:15 AM	--	3.9	3.4	4.0
8/20/24	6:30 AM	--	4.0	3.4	4.1
8/20/24	6:45 AM	--	3.9	3.4	4.1
8/20/24	7:00 AM	--	3.8	3.5	4.3
8/20/24	7:15 AM	--	3.7	3.5	4.1
8/20/24	7:30 AM	--	3.8	3.4	4.2
8/20/24	7:45 AM	--	3.8	3.3	4.1
8/20/24	8:00 AM	--	3.8	3.4	4.1
8/20/24	8:15 AM	--	3.8	3.4	4.0
8/20/24	8:30 AM	--	3.9	3.4	4.0
8/20/24	8:45 AM	--	4.7	3.6	4.0
8/20/24	9:00 AM	--	4.7	3.5	3.8
8/20/24	9:15 AM	--	4.7	3.6	3.9
8/20/24	9:30 AM	--	4.7	3.5	3.9
8/20/24	9:45 AM	--	4.8	3.6	3.7
8/20/24	10:00 AM	--	4.8	3.6	3.8
8/20/24	10:15 AM	--	4.8	3.5	3.9
8/20/24	10:30 AM	--	4.9	3.7	4.1
8/20/24	10:45 AM	--	5.2	3.7	4.2
8/20/24	11:00 AM	--	5.4	4.0	4.0
8/20/24	11:15 AM	--	5.5	3.9	4.3
8/20/24	11:30 AM	--	5.7	3.9	4.1
8/20/24	11:45 AM	--	5.8	4.2	4.2
8/20/24	12:00 PM	--	5.8	3.7	4.4
8/20/24	12:15 PM	--	5.7	3.8	4.6
8/20/24	12:30 PM	--	5.6	3.9	4.8
8/20/24	12:45 PM	--	5.5	3.9	4.9
8/20/24	1:00 PM	--	5.5	3.9	4.8
8/20/24	1:15 PM	--	5.5	3.8	4.9
8/20/24	1:30 PM	--	5.5	4.1	4.9
8/20/24	1:45 PM	--	5.4	4.3	4.8
8/20/24	2:00 PM	--	5.4	4.2	4.6
8/20/24	2:15 PM	--	5.2	4.3	4.7
8/20/24	2:30 PM	4.8	5.1	4.3	4.4
8/20/24	2:45 PM	4.8	5.0	4.3	4.5
8/20/24	3:15 PM	4.6	4.8	4.3	4.2
8/20/24	3:30 PM	4.5	4.5	4.2	4.2
8/20/24	3:45 PM	4.4	4.5	4.2	4.3
8/20/24	4:00 PM	4.3	4.5	4.5	4.2
8/20/24	4:15 PM	4.3	4.4	4.4	4.1
8/20/24	4:30 PM	4.1	4.4	4.5	4.3
8/20/24	4:45 PM	4.1	4.3	4.4	4.1
8/20/24	5:00 PM	4.1	4.2	4.7	4.2
8/20/24	5:15 PM	4.0	4.3	4.5	4.1
8/20/24	5:30 PM	4.0	4.3	4.3	4.0
8/20/24	5:45 PM	4.0	4.3	4.3	3.9
8/20/24	6:00 PM	4.0	4.3	4.4	4.0
8/20/24	6:15 PM	4.1	4.3	4.4	4.1
8/20/24	6:30 PM	4.0	4.2	4.5	3.9
8/20/24	6:45 PM	4.0	4.2	4.3	3.8
8/20/24	7:00 PM	4.0	4.1	4.4	3.9
8/20/24	7:15 PM	4.1	4.0	4.1	4.0
8/20/24	7:30 PM	4.6	3.8	4.3	4.0
8/20/24	7:45 PM	4.6	3.5	4.4	4.0
8/20/24	8:00 PM	4.6	3.4	4.3	3.9
8/20/24	8:15 PM	4.7	4.1	4.1	3.8
8/20/24	8:30 PM	4.6	4.5	4.6	3.8
8/20/24	8:45 PM	4.6	4.5	4.6	3.8

Note: Data has not been validated

Table 8

August 19 - August 25, 2024

Date	Time	DO (mg/L)			
		Ambient	N3SB	TB4	9SB/Hamilton
8/20/24	9:00 PM	4.6	4.5	4.6	3.7
8/20/24	9:15 PM	4.6	4.5	4.6	3.5
8/20/24	9:30 PM	4.5	4.4	4.0	3.7
8/20/24	9:45 PM	4.5	4.4	3.9	3.9
8/20/24	10:00 PM	4.6	4.4	4.6	3.9
8/20/24	10:15 PM	4.5	4.4	4.7	3.9
8/20/24	10:30 PM	4.8	4.4	4.6	3.9
8/20/24	10:45 PM	5.4	4.7	4.4	3.7
8/20/24	11:00 PM	5.6	5.0	4.5	3.9
8/20/24	11:15 PM	5.9	5.2	4.3	3.8
8/20/24	11:30 PM	6.1	5.4	4.5	3.8
8/20/24	11:45 PM	5.9	5.7	4.6	3.8
8/21/24	12:00 AM	6.0	5.8	4.5	3.9
8/21/24	12:15 AM	5.9	5.8	4.4	3.9
8/21/24	12:30 AM	6.0	5.8	4.4	4.1
8/21/24	12:45 AM	6.0	5.9	4.4	4.3
8/21/24	1:00 AM	6.0	5.9	4.3	4.3
8/21/24	1:15 AM	5.9	5.9	4.2	4.5
8/21/24	1:30 AM	5.7	5.9	4.4	4.7
8/21/24	1:45 AM	5.5	5.7	4.2	4.6
8/21/24	2:00 AM	5.3	5.5	4.1	4.8
8/21/24	2:15 AM	5.0	5.3	4.2	5.0
8/21/24	2:30 AM	4.8	5.0	4.1	5.0
8/21/24	2:45 AM	4.5	4.8	3.9	5.0
8/21/24	3:00 AM	4.3	4.6	3.9	5.0
8/21/24	3:15 AM	4.2	4.3	3.7	4.8
8/21/24	3:30 AM	4.2	4.2	3.7	4.7
8/21/24	3:45 AM	4.1	4.2	3.8	4.6
8/21/24	4:00 AM	4.2	4.2	3.6	4.5
8/21/24	4:15 AM	4.1	4.1	3.7	4.4
8/21/24	4:30 AM	4.1	4.0	3.6	4.1
8/21/24	4:45 AM	3.9	4.0	3.4	4.1
8/21/24	5:00 AM	3.9	3.9	3.5	4.2
8/21/24	5:15 AM	4.0	3.9	3.2	4.3
8/21/24	5:30 AM	4.1	3.8	3.5	4.3
8/21/24	5:45 AM	4.1	3.7	3.3	4.2
8/21/24	6:00 AM	4.0	3.6	3.3	--
8/21/24	6:15 AM	3.8	3.5	3.0	--
8/21/24	6:30 AM	3.7	3.5	3.0	--
8/21/24	6:45 AM	3.5	3.6	3.0	--
8/21/24	7:00 AM	3.8	3.5	2.9	--
8/21/24	7:15 AM	4.0	3.4	2.6	--
8/21/24	7:30 AM	3.9	3.4	2.6	--
8/21/24	7:45 AM	4.0	3.5	2.7	--
8/21/24	8:00 AM	4.1	3.4	2.5	--
8/21/24	8:15 AM	4.0	3.3	2.6	--
8/21/24	8:30 AM	4.4	3.3	2.5	--
8/21/24	8:45 AM	4.6	3.1	2.5	--
8/21/24	9:00 AM	4.6	3.3	2.7	--
8/21/24	9:15 AM	4.6	4.3	2.8	--
8/21/24	9:30 AM	4.6	4.5	2.8	--
8/21/24	9:45 AM	4.6	4.5	2.8	--
8/21/24	10:00 AM	4.6	4.5	2.8	--
8/21/24	10:15 AM	4.5	4.4	2.8	--
8/21/24	10:30 AM	4.4	4.4	2.8	--
8/21/24	10:45 AM	4.4	4.3	3.0	--
8/21/24	11:00 AM	4.5	4.5	3.2	--
8/21/24	11:15 AM	4.7	4.6	3.3	--
8/21/24	11:30 AM	4.9	4.8	3.3	--
8/21/24	11:45 AM	4.9	4.7	3.4	--
8/21/24	12:00 PM	5.1	4.9	3.6	--

Note: Data has not been validated

Table 8

August 19 - August 25, 2024

Date	Time	DO (mg/L)			
		Ambient	N3SB	TB4	9SB/Hamilton
8/21/24	12:15 PM	5.4	5.0	3.5	--
8/21/24	12:30 PM	5.4	5.2	3.1	--
8/21/24	12:45 PM	5.5	5.4	3.5	--
8/21/24	1:00 PM	5.7	5.6	3.3	--
8/21/24	1:15 PM	5.8	5.7	3.6	3.5
8/21/24	1:30 PM	5.7	5.7	3.4	--
8/21/24	1:45 PM	5.7	5.7	3.4	--
8/21/24	2:00 PM	5.7	5.6	3.5	--
8/21/24	2:15 PM	5.6	5.5	3.5	--
8/21/24	2:30 PM	5.5	5.4	3.8	--
8/21/24	2:45 PM	5.4	5.0	3.6	--
8/21/24	3:00 PM	5.0	5.0	3.7	--
8/21/24	3:15 PM	5.0	4.9	3.7	--
8/21/24	3:30 PM	4.9	4.8	3.7	--
8/21/24	3:45 PM	4.5	4.7	3.8	--
8/21/24	4:00 PM	4.4	4.5	3.9	--
8/21/24	4:15 PM	4.3	4.4	3.8	--
8/21/24	4:30 PM	4.3	4.2	4.0	--
8/21/24	4:45 PM	4.2	4.2	4.1	--
8/21/24	5:00 PM	4.0	4.1	4.0	--
8/21/24	5:15 PM	4.0	4.0	4.0	--
8/21/24	5:30 PM	3.9	4.0	4.1	--
8/21/24	5:45 PM	3.8	4.0	4.0	--
8/21/24	6:00 PM	3.7	4.0	3.9	--
8/21/24	6:15 PM	3.7	4.0	4.1	--
8/21/24	6:30 PM	3.7	3.8	4.1	--
8/21/24	6:45 PM	3.7	3.7	4.0	--
8/21/24	7:00 PM	3.5	3.4	4.0	--
8/21/24	7:15 PM	3.4	3.2	4.0	--
8/21/24	7:30 PM	3.3	3.3	4.1	--
8/21/24	7:45 PM	3.2	3.3	4.0	--
8/21/24	8:00 PM	3.5	3.2	4.0	--
8/21/24	8:15 PM	3.5	3.1	4.0	--
8/21/24	8:30 PM	3.5	3.2	4.0	--
8/21/24	8:45 PM	3.5	3.2	3.9	--
8/21/24	9:00 PM	4.6	3.0	3.8	--
8/21/24	9:15 PM	4.6	3.1	4.1	--
8/21/24	9:30 PM	4.5	3.0	3.9	--
8/21/24	9:45 PM	4.5	3.7	3.9	--
8/21/24	10:00 PM	4.4	4.1	3.8	--
8/21/24	10:15 PM	4.3	4.2	3.6	--
8/21/24	10:30 PM	4.3	4.0	3.8	--
8/21/24	10:45 PM	4.4	3.9	3.6	--
8/21/24	11:00 PM	4.4	3.8	3.5	--
8/21/24	11:15 PM	4.4	4.1	3.4	--
8/21/24	11:30 PM	4.2	4.0	3.4	--
8/21/24	11:45 PM	4.3	4.2	3.4	--
8/22/24	12:00 AM	4.8	4.4	3.2	--
8/22/24	12:15 AM	5.2	4.6	3.4	--
8/22/24	12:30 AM	5.5	4.9	3.2	--
8/22/24	12:45 AM	5.4	5.0	3.2	--
8/22/24	1:00 AM	5.5	5.0	2.9	--
8/22/24	1:15 AM	5.5	5.1	3.1	--
8/22/24	1:30 AM	5.6	5.3	3.0	--
8/22/24	1:45 AM	5.6	5.4	3.0	--
8/22/24	2:00 AM	5.5	5.5	3.3	--
8/22/24	2:15 AM	5.4	5.4	3.0	--
8/22/24	2:30 AM	5.2	5.3	3.3	--
8/22/24	2:45 AM	5.0	5.2	3.0	--
8/22/24	3:00 AM	4.9	4.9	2.9	--
8/22/24	3:15 AM	4.6	4.7	2.6	--

Note: Data has not been validated

Table 8

August 19 - August 25, 2024

Date	Time	DO (mg/L)			
		Ambient	N3SB	TB4	9SB/Hamilton
8/22/24	3:30 AM	4.4	4.4	2.7	--
8/22/24	3:45 AM	4.2	4.5	2.7	--
8/22/24	4:00 AM	4.0	4.2	3.0	--
8/22/24	4:15 AM	4.1	4.3	2.9	--
8/22/24	4:30 AM	4.2	3.9	2.8	--
8/22/24	4:45 AM	4.1	4.1	2.8	--
8/22/24	5:00 AM	4.0	3.8	2.7	--
8/22/24	5:15 AM	4.0	3.5	2.6	--
8/22/24	5:30 AM	4.0	3.9	2.9	--
8/22/24	5:45 AM	3.8	3.8	2.7	--
8/22/24	6:00 AM	3.8	3.7	2.6	--
8/22/24	6:15 AM	3.9	3.6	2.7	--
8/22/24	6:30 AM	3.9	3.6	2.7	--
8/22/24	6:45 AM	3.8	3.5	2.8	--
8/22/24	7:00 AM	3.9	3.4	2.9	--
8/22/24	7:15 AM	3.8	3.1	2.8	--
8/22/24	7:30 AM	3.7	3.2	2.6	--
8/22/24	7:45 AM	3.7	3.0	2.7	--
8/22/24	8:00 AM	3.7	3.2	2.7	--
8/22/24	8:15 AM	3.7	3.2	2.8	3.7
8/22/24	8:30 AM	3.7	3.2	2.9	3.8
8/22/24	8:45 AM	3.7	3.2	2.9	3.7
8/22/24	9:00 AM	3.9	3.2	2.7	3.8
8/22/24	9:15 AM	4.0	3.2	2.8	3.7
8/22/24	9:30 AM	4.3	3.1	2.6	3.8
8/22/24	9:45 AM	4.5	3.3	2.6	3.8
8/22/24	10:00 AM	4.5	4.3	2.1	4.1
8/22/24	10:15 AM	4.5	4.5	2.4	4.1
8/22/24	10:30 AM	4.5	4.5	2.3	4.3
8/22/24	10:45 AM	4.5	4.4	2.5	4.1
8/22/24	11:00 AM	4.6	4.5	2.3	3.9
8/22/24	11:15 AM	4.6	4.5	2.0	3.8
8/22/24	11:30 AM	4.6	4.4	2.5	3.8
8/22/24	11:45 AM	4.6	4.6	2.7	3.8
8/22/24	12:00 PM	4.4	4.6	2.9	3.8
8/22/24	12:15 PM	4.3	4.5	3.0	3.7
8/22/24	12:30 PM	4.4	4.3	2.9	3.6
8/22/24	12:45 PM	4.4	4.4	3.5	3.6
8/22/24	1:00 PM	4.5	4.4	3.5	3.4
8/22/24	1:15 PM	4.7	4.8	3.5	3.3
8/22/24	1:30 PM	4.9	4.9	3.3	3.4
8/22/24	1:45 PM	5.2	5.2	3.0	3.4
8/22/24	2:00 PM	5.2	5.3	3.2	3.5
8/22/24	2:15 PM	5.4	5.4	3.5	3.5
8/22/24	2:30 PM	5.3	5.3	3.3	3.5
8/22/24	2:45 PM	5.4	5.4	3.4	3.5
8/22/24	3:00 PM	5.4	5.3	3.5	3.6
8/22/24	3:15 PM	5.2	5.2	3.5	3.6
8/22/24	3:30 PM	5.1	5.1	3.8	3.6
8/22/24	3:45 PM	4.9	4.8	3.6	3.9
8/22/24	4:00 PM	4.8	4.7	3.6	3.9
8/22/24	4:15 PM	4.5	4.7	3.7	3.9
8/22/24	4:30 PM	4.5	4.5	4.1	4.1
8/22/24	4:45 PM	4.4	4.4	3.6	3.9
8/22/24	5:00 PM	4.4	4.3	3.6	3.8
8/22/24	5:15 PM	4.4	4.0	3.4	4.0
8/22/24	5:30 PM	4.3	4.1	3.6	3.8
8/22/24	6:00 PM	4.0	4.0	3.6	3.9
8/22/24	6:15 PM	4.0	3.9	3.8	3.8
8/22/24	6:30 PM	3.9	3.9	3.5	4.0
8/22/24	6:45 PM	3.6	4.0	3.5	4.1
8/22/24	7:00 PM	3.6	3.9	3.4	4.1
8/22/24	7:15 PM	3.4	3.7	3.6	3.7

Note: Data has not been validated

Table 8

August 19 - August 25, 2024

Date	Time	DO (mg/L)			
		Ambient	N3SB	TB4	9SB/Hamilton
8/22/24	7:30 PM	3.5	3.5	3.6	3.9
8/22/24	7:45 PM	3.4	3.4	3.2	3.6
8/22/24	8:00 PM	3.5	3.4	3.0	3.5
8/22/24	8:15 PM	3.3	3.3	3.4	3.8
8/22/24	8:30 PM	3.4	3.3	3.1	3.8
8/22/24	8:45 PM	3.0	3.2	3.0	3.7
8/22/24	9:00 PM	2.9	3.3	3.4	3.8
8/22/24	9:15 PM	3.2	3.3	3.0	4.1
8/22/24	9:30 PM	3.2	3.2	2.8	4.1
8/22/24	9:45 PM	3.1	2.8	3.0	4.4
8/22/24	10:00 PM	3.2	2.7	2.3	4.3
8/22/24	10:15 PM	4.3	2.6	2.5	4.2
8/22/24	10:30 PM	4.4	2.7	2.5	4.0
8/22/24	10:45 PM	4.5	3.5	2.7	4.1
8/22/24	11:00 PM	4.4	4.0	2.6	4.3
8/22/24	11:15 PM	4.3	4.2	2.6	4.2
8/22/24	11:30 PM	4.3	4.2	2.9	4.0
8/22/24	11:45 PM	4.2	4.1	3.0	3.9
8/23/24	12:00 AM	4.4	4.3	2.5	3.8
8/23/24	12:15 AM	4.5	4.3	2.8	3.8
8/23/24	12:30 AM	4.5	4.1	2.8	3.8
8/23/24	12:45 AM	4.3	4.2	2.6	3.8
8/23/24	1:00 AM	4.5	4.1	2.7	3.8
8/23/24	1:15 AM	4.4	4.0	2.9	3.7
8/23/24	1:30 AM	4.5	4.0	2.8	3.6
8/23/24	1:45 AM	4.3	4.4	2.7	3.5
8/23/24	2:00 AM	4.5	4.8	2.4	3.4
8/23/24	2:15 AM	4.7	4.9	2.1	3.3
8/23/24	2:30 AM	4.9	4.8	2.3	3.4
8/23/24	2:45 AM	5.0	4.8	2.2	3.4
8/23/24	3:00 AM	5.1	4.9	2.4	3.3
8/23/24	3:15 AM	5.1	4.8	2.4	3.3
8/23/24	3:30 AM	4.9	4.8	2.4	3.3
8/23/24	3:45 AM	4.7	4.9	2.5	3.3
8/23/24	4:00 AM	4.5	4.6	2.1	3.3
8/23/24	4:15 AM	4.4	4.6	2.2	3.5
8/23/24	4:30 AM	4.4	4.6	2.2	3.4
8/23/24	4:45 AM	4.5	4.4	2.5	3.3
8/23/24	5:00 AM	4.4	4.4	2.2	3.2
8/23/24	5:15 AM	4.5	4.3	1.8	3.3
8/23/24	5:30 AM	4.2	4.1	2.0	3.1
8/23/24	5:45 AM	3.9	4.0	1.6	3.1
8/23/24	6:00 AM	4.0	3.9	2.0	3.0
8/23/24	6:15 AM	3.8	3.7	2.0	3.1
8/23/24	6:30 AM	4.1	3.7	2.3	3.2
8/23/24	6:45 AM	3.8	3.5	1.9	3.4
8/23/24	7:00 AM	3.8	3.4	2.3	3.4
8/23/24	7:15 AM	3.8	3.4	2.1	3.5
8/23/24	7:30 AM	3.4	3.4	1.9	3.6
8/23/24	7:45 AM	3.5	3.3	2.1	3.6
8/23/24	8:00 AM	3.4	3.4	2.1	3.6
8/23/24	8:15 AM	3.3	3.3	2.2	3.5
8/23/24	8:30 AM	3.3	3.2	2.2	3.5
8/23/24	8:45 AM	3.2	3.1	2.3	3.5
8/23/24	9:00 AM	3.3	3.0	1.8	3.4
8/23/24	9:15 AM	3.1	3.1	1.8	3.5
8/23/24	9:30 AM	3.2	3.0	1.5	3.5
8/23/24	9:45 AM	3.2	3.1	1.9	3.5
8/23/24	10:00 AM	3.5	3.0	1.5	3.6
8/23/24	10:15 AM	3.6	3.0	1.3	3.5
8/23/24	10:30 AM	3.5	3.0	1.7	3.7
8/23/24	10:45 AM	3.9	3.3	2.0	3.8
8/23/24	11:00 AM	4.2	4.1	1.9	4.1
8/23/24	11:15 AM	4.1	4.2	2.1	4.2

Note: Data has not been validated

Table 8

August 19 - August 25, 2024

Date	Time	DO (mg/L)			
		Ambient	N3SB	TB4	9SB/Hamilton
8/23/24	11:30 AM	4.4	4.3	2.3	4.3
8/23/24	11:45 AM	4.4	4.5	2.3	4.5
8/23/24	12:00 PM	4.4	4.6	2.4	4.3
8/23/24	12:15 PM	4.4	4.7	2.1	4.3
8/23/24	12:30 PM	4.4	4.5	2.4	4.4
8/23/24	12:45 PM	4.2	4.4	2.6	4.3
8/23/24	1:00 PM	4.6	4.6	2.9	3.9
8/23/24	1:15 PM	4.6	4.5	2.9	3.9
8/23/24	1:30 PM	4.4	4.6	2.9	3.8
8/23/24	1:45 PM	4.4	4.5	2.9	3.7
8/23/24	2:00 PM	4.2	4.6	3.1	3.8
8/23/24	2:15 PM	4.6	4.7	3.2	3.8
8/23/24	2:30 PM	4.6	4.8	3.0	3.8
8/23/24	2:45 PM	4.7	4.8	3.2	3.8
8/23/24	3:00 PM	5.1	5.3	3.1	3.8
8/23/24	3:15 PM	5.2	5.3	3.3	3.7
8/23/24	3:30 PM	5.4	5.3	3.6	3.6
8/23/24	3:45 PM	5.5	5.5	3.5	3.6
8/23/24	4:00 PM	5.5	5.4	3.8	3.6
8/23/24	4:15 PM	5.5	5.3	3.9	3.6
8/23/24	4:30 PM	5.4	5.3	4.0	3.6
8/23/24	4:45 PM	5.2	5.2	4.0	3.5
8/23/24	5:00 PM	5.2	5.1	4.0	3.6
8/23/24	5:15 PM	5.1	4.9	3.8	3.6
8/23/24	5:30 PM	4.9	5.0	3.9	3.6
8/23/24	5:45 PM	4.7	4.9	4.2	3.6
8/23/24	6:00 PM	4.6	4.8	4.1	3.6
8/23/24	6:15 PM	4.6	4.8	4.3	3.5
8/23/24	6:30 PM	4.6	4.6	4.0	3.9
8/23/24	6:45 PM	4.6	4.4	4.3	4.0
8/23/24	7:00 PM	4.5	4.3	4.3	3.9
8/23/24	7:15 PM	4.2	4.4	4.3	4.2
8/23/24	7:30 PM	4.0	4.3	4.1	4.2
8/23/24	7:45 PM	3.5	4.2	4.0	3.9
8/23/24	8:00 PM	3.4	4.1	3.9	3.9
8/23/24	8:15 PM	3.1	4.1	3.4	3.8
8/23/24	8:30 PM	3.2	4.2	3.7	3.7
8/23/24	8:45 PM	3.0	4.1	3.5	3.7
8/23/24	9:00 PM	2.9	4.1	3.6	3.7
8/23/24	9:15 PM	2.9	4.1	3.8	3.5
8/23/24	9:30 PM	3.0	4.1	3.7	3.7
8/23/24	9:45 PM	2.9	4.1	3.5	3.5
8/23/24	10:00 PM	3.0	4.0	3.2	3.8
8/23/24	10:15 PM	3.1	4.0	3.4	3.8
8/23/24	10:30 PM	3.4	4.0	3.5	3.7
8/23/24	10:45 PM	3.8	4.0	3.5	4.2
8/23/24	11:00 PM	3.4	4.0	2.9	4.0
8/23/24	11:15 PM	3.5	3.9	3.4	4.0
8/23/24	11:30 PM	4.3	3.8	3.0	4.1
8/23/24	11:45 PM	4.4	3.8	2.6	4.0
8/24/24	12:00 AM	4.3	4.0	2.8	3.6
8/24/24	12:15 AM	4.3	4.1	2.7	3.6
8/24/24	12:30 AM	4.2	4.2	2.7	3.6
8/24/24	12:45 AM	4.1	4.1	3.0	3.6
8/24/24	1:00 AM	4.1	4.1	2.8	3.7
8/24/24	1:15 AM	3.9	3.9	2.6	3.7
8/24/24	1:30 AM	3.8	4.1	2.3	3.9
8/24/24	1:45 AM	4.0	4.0	3.3	3.9
8/24/24	2:00 AM	3.9	4.2	2.6	3.9
8/24/24	2:15 AM	4.1	4.0	2.3	3.9
8/24/24	2:30 AM	4.3	4.1	2.9	3.8
8/24/24	2:45 AM	4.4	4.2	2.6	3.8
8/24/24	3:00 AM	4.3	4.5	2.5	3.6
8/24/24	3:15 AM	--	4.6	2.4	3.6

Note: Data has not been validated

Table 8

August 19 - August 25, 2024

Date	Time	DO (mg/L)			
		Ambient	N3SB	TB4	9SB/Hamilton
8/24/24	3:30 AM	--	4.7	2.4	3.6
8/24/24	3:45 AM	--	4.7	2.3	3.6
8/24/24	4:00 AM	--	4.8	2.2	3.4
8/24/24	4:15 AM	--	4.7	2.7	3.3
8/24/24	4:30 AM	--	4.7	2.9	3.3
8/24/24	4:45 AM	--	4.7	2.9	3.3
8/24/24	5:00 AM	--	4.6	2.7	3.3
8/24/24	5:15 AM	--	4.5	2.8	3.4
8/24/24	5:30 AM	--	4.4	2.6	3.5
8/24/24	5:45 AM	--	4.4	2.6	3.4
8/24/24	6:00 AM	--	4.3	2.7	3.5
8/24/24	6:15 AM	--	4.1	2.3	3.5
8/24/24	6:30 AM	--	4.1	2.4	3.2
8/24/24	6:45 AM	--	4.0	2.6	3.3
8/24/24	7:00 AM	--	3.9	2.6	3.2
8/24/24	7:15 AM	--	3.8	2.7	3.4
8/24/24	7:30 AM	--	3.6	2.6	3.5
8/24/24	7:45 AM	--	3.6	2.9	3.5
8/24/24	8:00 AM	--	3.6	2.7	3.4
8/24/24	8:15 AM	--	3.5	2.4	3.5
8/24/24	8:30 AM	--	3.5	2.5	3.4
8/24/24	8:45 AM	--	3.6	2.7	3.6
8/24/24	9:00 AM	--	3.5	2.6	3.4
8/24/24	9:15 AM	--	3.4	2.9	3.5
8/24/24	9:30 AM	--	3.4	2.7	3.3
8/24/24	9:45 AM	--	3.5	2.8	3.5
8/24/24	10:15 AM	--	3.6	2.6	3.4
8/24/24	10:30 AM	--	3.4	2.4	3.6
8/24/24	10:45 AM	--	3.5	2.5	3.6
8/24/24	11:00 AM	--	3.5	2.4	3.7
8/24/24	11:15 AM	--	3.5	2.4	3.6
8/24/24	11:30 AM	--	3.3	2.6	3.8
8/24/24	11:45 AM	--	3.4	2.9	3.9
8/24/24	12:00 PM	--	3.3	3.0	3.9
8/24/24	12:15 PM	--	3.6	3.0	4.0
8/24/24	12:30 PM	--	3.8	3.1	4.1
8/24/24	12:45 PM	--	4.1	3.4	4.3
8/24/24	1:00 PM	--	4.1	3.5	4.3
8/24/24	1:15 PM	--	4.2	3.1	4.3
8/24/24	1:30 PM	--	4.2	3.0	4.1
8/24/24	1:45 PM	--	4.4	3.6	4.2
8/24/24	2:00 PM	--	4.3	3.8	4.2
8/24/24	2:15 PM	--	4.3	3.8	4.3
8/24/24	2:30 PM	--	4.4	3.6	4.2
8/24/24	2:45 PM	--	4.4	3.6	4.2
8/24/24	3:00 PM	--	4.6	3.9	4.1
8/24/24	3:15 PM	--	4.8	3.8	4.1
8/24/24	3:30 PM	--	4.8	3.9	4.1
8/24/24	3:45 PM	--	4.9	3.7	4.2
8/24/24	4:00 PM	--	5.3	4.2	4.1
8/24/24	4:15 PM	--	5.4	4.3	4.0
8/24/24	4:30 PM	--	5.3	4.4	4.1
8/24/24	4:45 PM	--	5.3	4.5	4.0
8/24/24	5:00 PM	--	5.2	4.5	4.0
8/24/24	5:15 PM	5.2	5.3	4.4	3.9
8/24/24	5:30 PM	5.2	5.4	4.7	3.8
8/24/24	5:45 PM	5.3	5.1	4.7	4.1
8/24/24	6:00 PM	5.2	5.0	4.8	4.0
8/24/24	6:15 PM	5.1	5.0	5.0	4.0
8/24/24	6:30 PM	5.0	4.9	5.0	4.1
8/24/24	6:45 PM	4.9	4.9	4.9	4.0
8/24/24	7:00 PM	4.9	4.8	4.9	4.1
8/24/24	7:15 PM	4.8	4.7	5.0	3.9
8/24/24	7:30 PM	4.8	4.7	4.9	3.9

Note: Data has not been validated

Table 8

August 19 - August 25, 2024

Date	Time	DO (mg/L)			
		Ambient	N3SB	TB4	9SB/Hamilton
8/24/24	7:45 PM	4.8	4.6	4.6	4.1
8/24/24	8:00 PM	4.8	4.6	4.6	4.1
8/24/24	8:15 PM	4.5	4.5	4.8	4.4
8/24/24	8:30 PM	4.5	4.5	4.6	4.4
8/24/24	8:45 PM	4.4	4.5	5.0	4.4
8/24/24	9:00 PM	4.4	4.4	4.7	4.3
8/24/24	9:15 PM	4.2	4.4	4.5	4.1
8/24/24	9:30 PM	4.0	4.3	4.3	4.2
8/24/24	9:45 PM	3.9	4.4	3.9	4.1
8/24/24	10:00 PM	3.8	4.3	4.1	4.0
8/24/24	10:15 PM	3.8	4.3	4.1	3.8
8/24/24	10:30 PM	3.6	4.4	4.4	3.9
8/24/24	10:45 PM	3.3	4.2	4.6	3.9
8/24/24	11:00 PM	2.8	4.2	4.2	4.0
8/24/24	11:15 PM	3.1	4.2	4.1	3.8
8/24/24	11:30 PM	3.2	4.1	3.5	3.8
8/24/24	11:45 PM	3.2	4.2	3.5	4.0
8/25/24	12:00 AM	3.2	4.0	3.1	3.8
8/25/24	12:15 AM	3.3	3.7	3.6	3.9
8/25/24	12:30 AM	3.7	3.7	3.3	3.8
8/25/24	12:45 AM	4.2	3.6	3.6	3.7
8/25/24	1:00 AM	4.3	3.8	3.8	4.0
8/25/24	1:15 AM	4.3	3.9	3.6	3.9
8/25/24	1:30 AM	4.2	4.2	3.4	3.8
8/25/24	1:45 AM	4.1	4.2	3.2	3.9
8/25/24	2:00 AM	4.1	4.2	3.1	4.0
8/25/24	2:15 AM	4.2	4.1	3.6	4.0
8/25/24	2:30 AM	4.0	4.1	3.5	4.0
8/25/24	2:45 AM	4.1	4.1	3.7	4.2
8/25/24	3:00 AM	4.1	4.2	4.0	4.2
8/25/24	3:15 AM	4.0	4.2	3.8	4.2
8/25/24	3:30 AM	4.0	4.2	3.7	4.2
8/25/24	3:45 AM	4.2	4.2	3.7	4.1
8/25/24	4:00 AM	4.3	4.2	3.7	4.0
8/25/24	4:15 AM	4.3	4.5	3.3	3.8
8/25/24	4:30 AM	4.3	4.5	3.5	3.7
8/25/24	4:45 AM	4.5	4.6	3.3	3.6
8/25/24	5:00 AM	4.5	4.7	3.3	3.7
8/25/24	5:15 AM	4.5	4.6	3.1	3.6
8/25/24	5:30 AM	4.7	4.6	3.6	3.6
8/25/24	5:45 AM	4.6	4.6	3.3	3.4
8/25/24	6:00 AM	4.5	4.6	3.5	3.4
8/25/24	6:15 AM	4.6	4.5	3.6	3.4
8/25/24	6:30 AM	4.5	4.5	3.5	3.5
8/25/24	6:45 AM	4.5	4.2	3.7	3.3
8/25/24	7:00 AM	4.5	4.3	3.2	3.2
8/25/24	7:15 AM	4.5	4.4	3.4	3.5
8/25/24	7:30 AM	4.5	4.4	3.1	3.3
8/25/24	7:45 AM	4.4	4.3	2.8	3.4
8/25/24	8:00 AM	4.4	4.3	3.0	3.3
8/25/24	8:15 AM	4.3	4.3	3.3	3.5
8/25/24	8:30 AM	4.3	4.2	3.7	3.3
8/25/24	8:45 AM	4.3	4.2	3.6	3.6
8/25/24	9:00 AM	4.2	4.3	3.4	3.5
8/25/24	9:15 AM	4.3	4.3	3.3	3.6
8/25/24	9:30 AM	4.0	4.3	3.5	3.5
8/25/24	9:45 AM	3.8	4.3	3.5	3.5
8/25/24	10:00 AM	3.9	4.3	3.4	3.5
8/25/24	10:15 AM	4.0	4.3	3.5	3.5
8/25/24	10:30 AM	4.0	4.3	3.7	3.6
8/25/24	10:45 AM	4.0	4.3	3.1	3.8
8/25/24	11:00 AM	3.9	4.3	3.5	3.8
8/25/24	11:15 AM	3.7	4.3	3.2	3.8
8/25/24	11:30 AM	3.5	4.3	3.5	3.8

Note: Data has not been validated

Table 8

August 19 - August 25, 2024

Date	Time	DO (mg/L)			
		Ambient	N3SB	TB4	9SB/Hamilton
8/25/24	11:45 AM	3.2	4.3	3.8	3.9
8/25/24	12:00 PM	3.3	4.3	4.0	3.9
8/25/24	12:15 PM	3.4	4.0	3.9	4.1
8/25/24	12:30 PM	3.8	4.0	4.2	4.1
8/25/24	12:45 PM	3.9	4.0	4.3	4.1
8/25/24	1:00 PM	4.2	4.1	4.4	4.2
8/25/24	1:15 PM	4.3	4.3	4.5	4.4
8/25/24	1:30 PM	4.3	4.2	3.9	4.4
8/25/24	1:45 PM	4.4	4.3	3.7	4.6
8/25/24	2:00 PM	4.4	4.5	4.2	4.7
8/25/24	2:15 PM	4.4	4.4	4.1	4.9
8/25/24	2:30 PM	4.4	4.4	4.4	5.2
8/25/24	2:45 PM	4.2	4.4	4.6	5.1
8/25/24	3:00 PM	4.4	4.4	5.0	5.4
8/25/24	3:15 PM	4.5	4.5	5.0	5.5
8/25/24	3:30 PM	4.6	4.5	5.4	5.4
8/25/24	3:45 PM	4.2	4.6	5.4	5.5
8/25/24	4:00 PM	4.5	4.7	5.3	5.5
8/25/24	4:15 PM	4.7	4.7	5.2	5.3
8/25/24	4:30 PM	4.6	4.9	5.1	5.2
8/25/24	4:45 PM	4.7	5.0	5.2	5.3
8/25/24	5:00 PM	4.8	5.2	5.4	4.7
8/25/24	5:15 PM	5.1	5.2	5.6	5.0
8/25/24	5:30 PM	5.2	5.3	5.9	4.7
8/25/24	5:45 PM	5.3	5.4	5.8	4.5
8/25/24	6:00 PM	5.3	5.2	5.7	4.6
8/25/24	6:15 PM	5.3	5.3	5.7	4.6
8/25/24	6:30 PM	5.1	5.2	5.6	4.5
8/25/24	6:45 PM	5.1	5.0	5.8	4.6
8/25/24	7:00 PM	5.0	5.0	5.6	4.8
8/25/24	7:15 PM	5.0	5.0	5.6	4.8
8/25/24	7:30 PM	5.0	5.0	5.8	4.7
8/25/24	7:45 PM	4.9	4.9	5.3	4.9
8/25/24	8:00 PM	4.9	4.8	5.5	4.9
8/25/24	8:15 PM	4.9	4.8	5.2	4.6
8/25/24	8:30 PM	4.8	4.7	5.3	4.5
8/25/24	8:45 PM	4.7	4.7	5.0	4.8
8/25/24	9:00 PM	4.6	4.6	4.9	4.9
8/25/24	9:15 PM	4.6	4.6	4.7	4.7
8/25/24	9:30 PM	4.5	4.7	4.8	5.0
8/25/24	9:45 PM	4.5	4.6	5.0	5.3
8/25/24	10:00 PM	4.4	4.6	4.8	5.1
8/25/24	10:15 PM	4.3	4.6	4.4	5.1
8/25/24	10:30 PM	4.3	4.5	4.6	4.9

Note: Data has not been validated