

**GOWANUS CANAL SUPERFUND SITE
RTA1 REMEDIAL CONSTRUCTION
Water Quality Monitoring Weekly Data Summary**

PERIOD: September 11 – September 15, 2023

Date of Report: September 19, 2023

Report Contents

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1. SCOPE OF MONITORING

1.1 Initial Buoy Locations

In accordance with the Water Quality Monitoring Plan for In-waterway Construction Activities (WQMP) three turbidity buoys were deployed to monitor turbidity related to dredging activities. One turbidity buoy was deployed just south of the 3rd Street Bridge outside of the air curtain and traditional turbidity curtain and was referred to as the 3rd Street Sentinel Buoy. A second turbidity buoy was deployed just south of Carroll St Bridge to monitor dredging activities north of Carroll Street Bridge and was referred to as the Carroll Street Sentinel Buoy. The third turbidity buoy was deployed in the Fourth Street Turning Basin (TB4) in order to monitor background turbidity unaffected by in-water construction activities and was referred to as the Ambient Buoy.

Each turbidity buoy was equipped with a YSI EXO3 water quality meter with optical turbidity sensor. The buoys were field calibrated and programmed such that readings were collected every 15 minutes. After each measurement, the turbidity data were transmitted to a File Transfer Portal (FTP) site via telemetry.

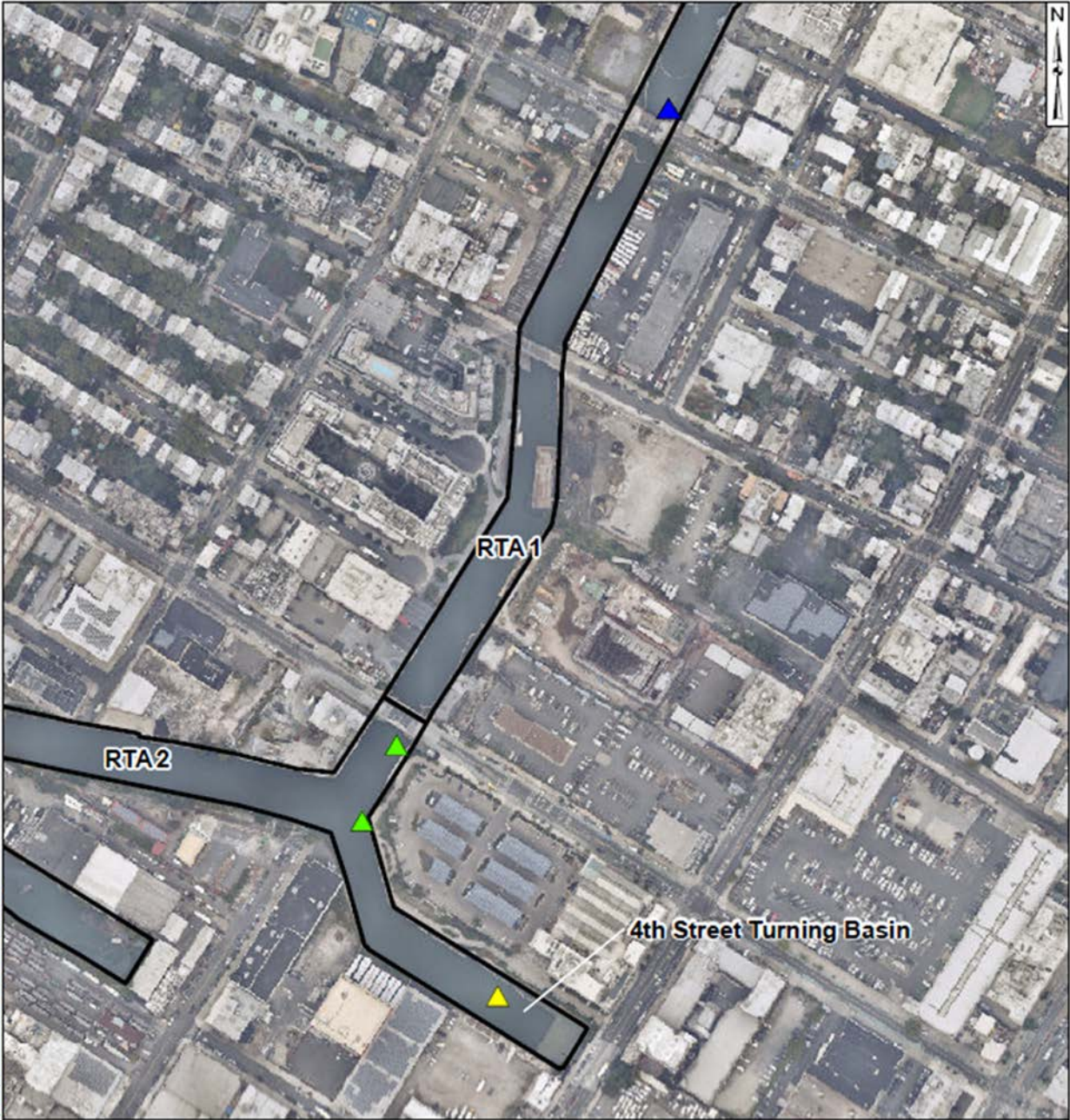
1.2 Summary of Monitoring Adjustments during Construction

- On January 22, 2021, prior to dredging north of the Union Street Bridge, a fourth turbidity buoy was deployed just south of the Union Street Bridge and was referred to as the Union Street Sentinel Buoy. This fourth turbidity buoy was removed prior to the start of pipe pile installation.
- On Wednesday, September 22, 2021, the Carroll Street Sentinel Buoy was relocated to the west side of the canal where Degraw Street intersects the canal to monitor cofferdam removal activities conducted in the vicinity of the Flushing Tunnel. This buoy was renamed the Degraw Street Sentinel Buoy during cofferdam removal activities.
- On October 14, 2021, the Degraw Street Sentinel Buoy was removed from the canal for servicing. On October 20, 2021, the Degraw Street Sentinel Buoy was redeployed to its position south of the Carroll Street Bridge and was renamed to the Carroll Street Sentinel Buoy.
- On November 15, 2021, the Carroll Street Sentinel Buoy was moved to the Union Street Bridge and renamed the Union Street Sentinel Buoy. On December 3, 2021, the Union Street Buoy was removed from the canal for servicing and re-deployed at 3rd Street Bridge in preparation for the resumption of ISS operations. On December 8, 2021, a sentinel buoy was re-deployed just south of the Carroll Street Bridge.
- Since December 8, 2021, the sentinel buoy deployed at the northern-most portion of the canal has alternated positioning between the Union Street Bridge and Carroll Street Bridge locations based on the in-canal construction activities being conducted at any given time.
- On January 9, 2023, the Carroll Street Sentinel Buoy was moved to the Third Street Bridge location and renamed the Third Street Sentinel Buoy. Additionally, the former Third Street Sentinel Buoy was removed from the canal for servicing.

- On February 6, 2023, the newly serviced Third Street Sentinel Buoy was reinstalled at Third Street Bridge, and the former Carroll Street Sentinel Buoy was reinstalled at Carroll Street Bridge.
- The Ambient Buoy was removed from service on Friday, February 17, 2023, due to a faulty communications system. Following investigation into the cause of the fault and the appropriate repairs made, the Ambient Buoy was returned to service on Thursday, April 13, 2023. Due to similar issues, the Ambient Buoy was removed from service again on Monday, April 24, 2023, before being redeployed on Friday, May 12, 2023, and again removed from service on Monday, May 15, 2023, before being redeployed on Monday, June 12, 2023.
- On Thursday April 13, 2023, the Carroll Street Sentinel Buoy was assessed to be within 100ft of in-canal construction activities being conducted at Carroll Street Bridge, and consequently was repositioned to the North Third Street Sentinel Buoy location.
- Data from the Third Street Sentinel Buoy was not reported from Thursday June 1, 2023 to June 2, 2023 due to a power failure and/or faulty communications system preventing transmission of readings. The Third Street Sentinel Buoy was returned to service with data collection resuming on June 5, 2023.
- On Wednesday, July 26, 2023, a fourth monitoring buoy was deployed just south of the Union Street Bridge to monitor dissolved oxygen (DO) in RTA1.

1.3 Current Reporting Period Scope of Monitoring

For the week of September 11, 2023, three turbidity buoys were deployed consisting of the Ambient Turbidity Buoy located in the eastern end of TB4, the West TB4 Sentinel Buoy located just outside of any sediment and floatables controls at the southern end of RTA1, and the South Third Street Sentinel Buoy located just south of the Third Street Bridge. Additionally, DO measurements were recorded by the turbidity buoys. In addition to the three turbidity buoys, a fourth monitoring buoy was deployed just north of the Union Street Bridge to monitor DO in RTA1. All readings from buoys were transmitted via telemetry at 15-minute intervals. Handheld DO measurements were also collected from multiple additional locations along the Canal during this reporting period. The instrument used to collect DO from the buoys and the handheld unit is an In-Situ AquaTroll500 equipped with an optical Rugged Dissolved Oxygen (RDO) Sensor capable of reading DO levels with an accuracy of +/-0.1 mg/L. Visual observations of turbidity and sheen are summarized in Section 4.



\\bbsrveng\Gowanus\RTA\GIS\med\Canal\Water\Subsidiary\Buoy Locations.mxd, ok, 01/29/2010

Legend

- ▲ Ambient Buoy
- ▲ Sentinel Buoy
- ▲ DO Buoy
- RTA Boundary



**Water Quality Monitoring
Buoy Locations**

Gowanus Canal, Brooklyn, NY

B&B Engineers & Geologists
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an affiliate of Geosyntec Consultants

Brooklyn, NY

July 2023

Figure

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2. REPORT OF EXCEEDANCES

Exceedances of the quantitative trigger criterion occurred at the West TB4 Sentinel Buoy and South 3rd Street Sentinel Buoy on Monday and Friday of the reporting period. Exceedances of the quantitative action criterion occurred at the West TB4 Sentinel Buoy on Monday, Tuesday, and Wednesday of the reporting period. Exceedances of the quantitative action criterion occurred at the South 3rd Street Sentinel Buoy on Monday of the reporting period. Excessive readings observed on Monday of the reporting period occurred after capping activities had concluded for the day, likely due to temporarily suspended capping materials caught in the outgoing tide pushing past the engineering controls installed at the southern boundary of RTA1. Notably, Monday of the reporting period was the final day of hydraulic capping and therefore this activity cannot be considered the source of any exceedances observed during the remainder of the reporting period. Excessive readings observed on Friday of the reporting period occurred due to resuspension of sediment from prop wash from a passing tugboat pushing a mini-hopper within 100 feet of the sentinel buoys. Elevated turbidity was observed throughout the reporting period due to continuous discharges from the Salt Lot and periodic work activities within 100 ft of the sentinel buoys.

- **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 RTA1 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 RTA1 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.

Exceedances of the quantitative trigger and action criteria occurred at the West TB4 Sentinel Buoy on Monday, September 11 due to temporarily suspended capping materials caught in the outgoing tide pushing past the engineering controls installed at the southern boundary of RTA1. During this timeframe, significant turbid discharges from the Salt Lot cofferdam and high level storm sewer outfall at the Carroll Street Bridge also significantly contributed to the elevated turbidity readings measured by the West TB4 Sentinel Buoy. Hydraulic capping activities that resulted in the action criterion exceedance have been completed. On Friday, September 15th, exceedances to the quantitative trigger criterion occurred at the West TB4 Sentinel Buoy and South 3rd Street Sentinel Buoy due to resuspension of sediment from prop wash from a passing tugboat pushing a min-hopper within 100 feet of the buoys. The Contractor is addressing this exceedance by reducing the power applied to the tug boats to the extent feasible when transiting through the bridges.

3. TURBIDITY BUOY DATA

The following section provides turbidity data for the sentinel and ambient turbidity buoys from 7 AM to 6 PM from September 11 – September 15, 2023.

Exceedances of the quantitative trigger criterion occurred at the West TB4 Sentinel Buoy and South 3rd Street Sentinel Buoy on Monday and Friday of the reporting period. Exceedances of the quantitative action criterion occurred at the West TB4 Sentinel Buoy on Monday, September 11th. Discharges from the Salt Lot cofferdam and high level storm sewer pipe significantly contributed to elevated turbidity readings detected at the South 3rd Street Sentinel Buoy and West TB4 Sentinel Buoy throughout the reporting period. Elevated turbidity readings observed on Friday of the reporting period occurred due to resuspension of sediment from prop wash from a passing tugboat pushing a mini-hopper within 100 feet of the sentinel buoys. Additionally, based on an inspection of the turbidity buoys on Wednesday, September 13, 2023, all turbidity meters were found with deposits of fine-grained sediments in and around the turbidity sensors, which resulted in artificially elevated turbidity readings at all buoys on Monday, Tuesday, and Wednesday morning of the reporting period. All sensors were cleaned upon inspection.

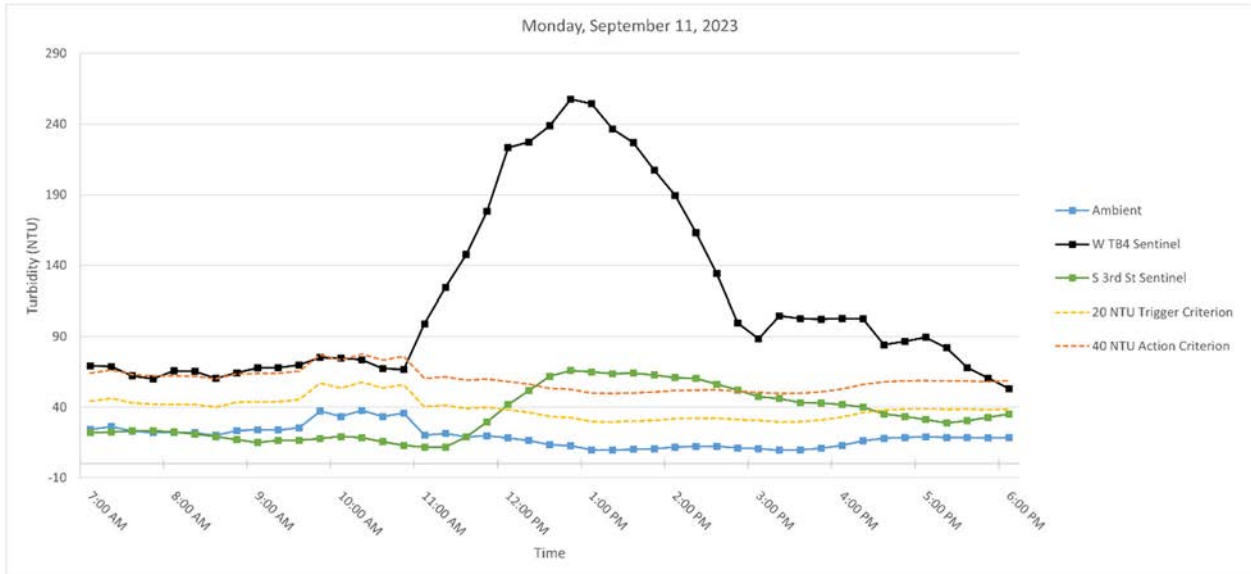
Table 1 below provides a summary of the turbidity data for the reporting period.

Date	Average Rolling Average Difference (NTU)		Maximum Rolling Average Difference (NTU)	
	W TB4 - Ambient	S 3rd St - Ambient	W TB4 - Ambient	S 3rd St - Ambient
Monday, September 11, 2023	96.70	15.73	244.82	55.16
Tuesday, September 12, 2023	67.21	-34.24	105.43	-13.38
Wednesday, September 13, 2023	31.71	-14.75	172.20	2.47
Thursday, September 14, 2023	2.11	5.00	15.01	16.36
Friday, September 15, 2023	14.76	11.71	31.05	29.00

Table 1. Daily average and maximum differences between the rolling average turbidity readings from RTA1 sentinel buoys and the ambient buoy between 7 AM and 6 PM.

3.1 Monday, September 11, 2023

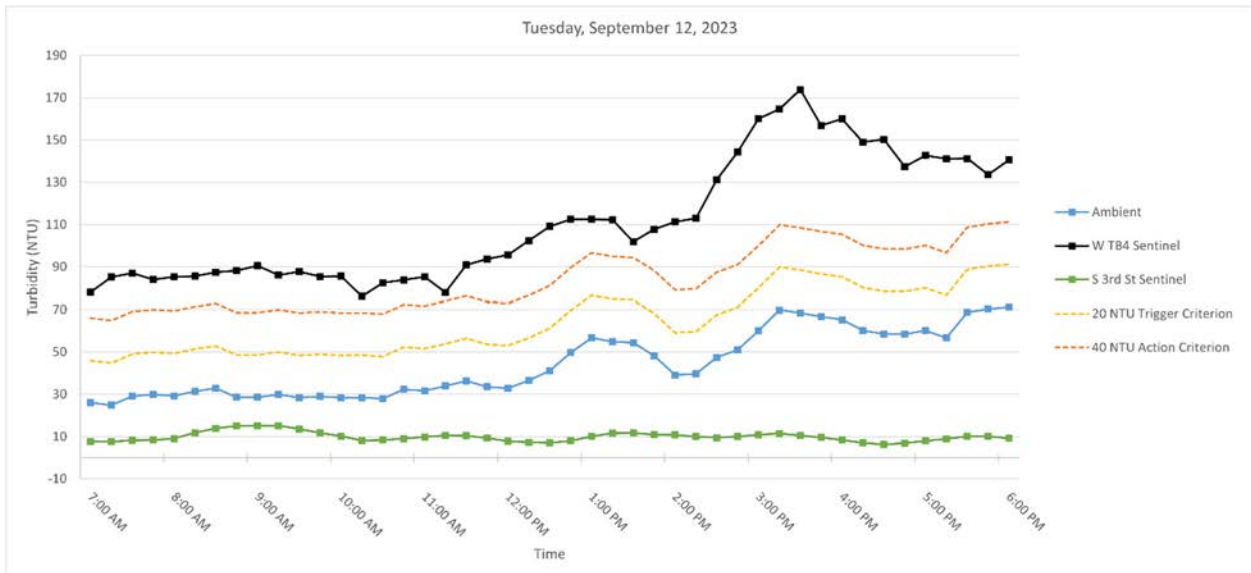
Figure 3. Hourly rolling average turbidity readings on Monday, September 11, 2023, from 7 AM to 6 PM.



Note: Elevated turbidity readings were recorded at the West TB4 Sentinel Buoy predominantly due to discharges from the Salt Lot cofferdam immediately adjacent to the buoy location and hydraulic capping activities occurring in the southern pool of RTA1. Elevated turbidity readings were recorded at the South 3rd Street Sentinel Buoy due to capping activities being conducted within 100 ft of the buoy. Outlier turbidity readings above 20 NTU were detected at the West TB4 Sentinel Buoy and Ambient Buoy.

3.2 Tuesday, September 12, 2023

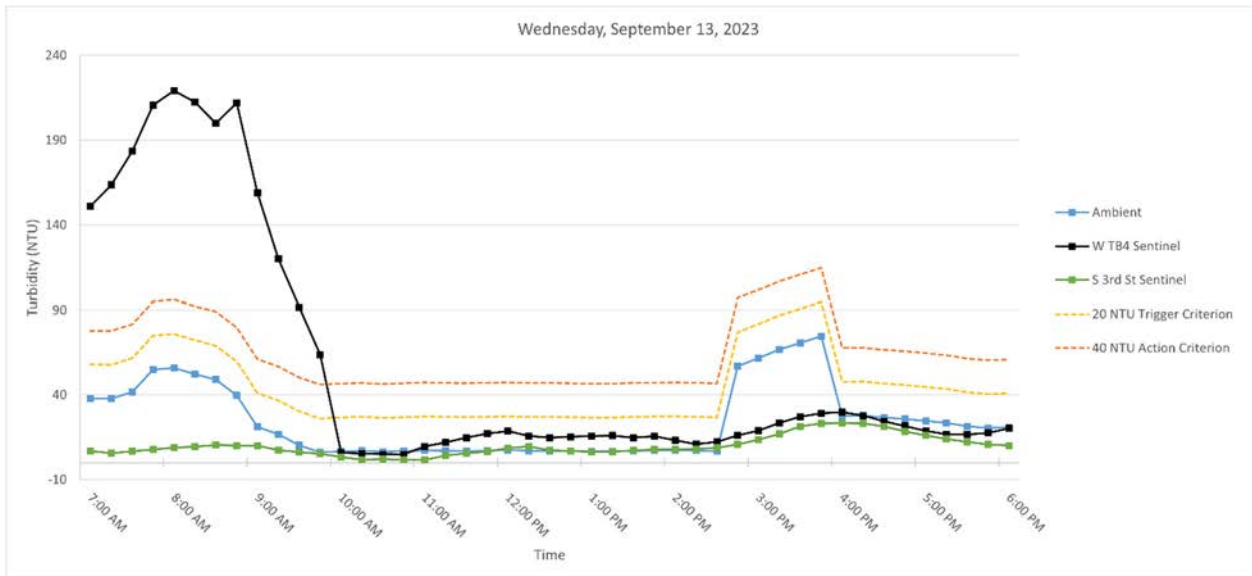
Figure 3. Hourly rolling average turbidity readings on Tuesday, September 12, 2023, from 7 AM to 6 PM.



Note: Elevated turbidity readings were recorded at the West TB4 Sentinel Buoy due to discharges from the Salt Lot cofferdam immediately adjacent to the buoy location. Deposits of fine-grained sediments around the turbidity sensor resulted in sustained unrepresentatively high turbidity readings at the West TB4 Sentinel Buoy. No outlier turbidity readings above 20 NTU were detected at any of the buoys.

3.3 Wednesday, September 13, 2023

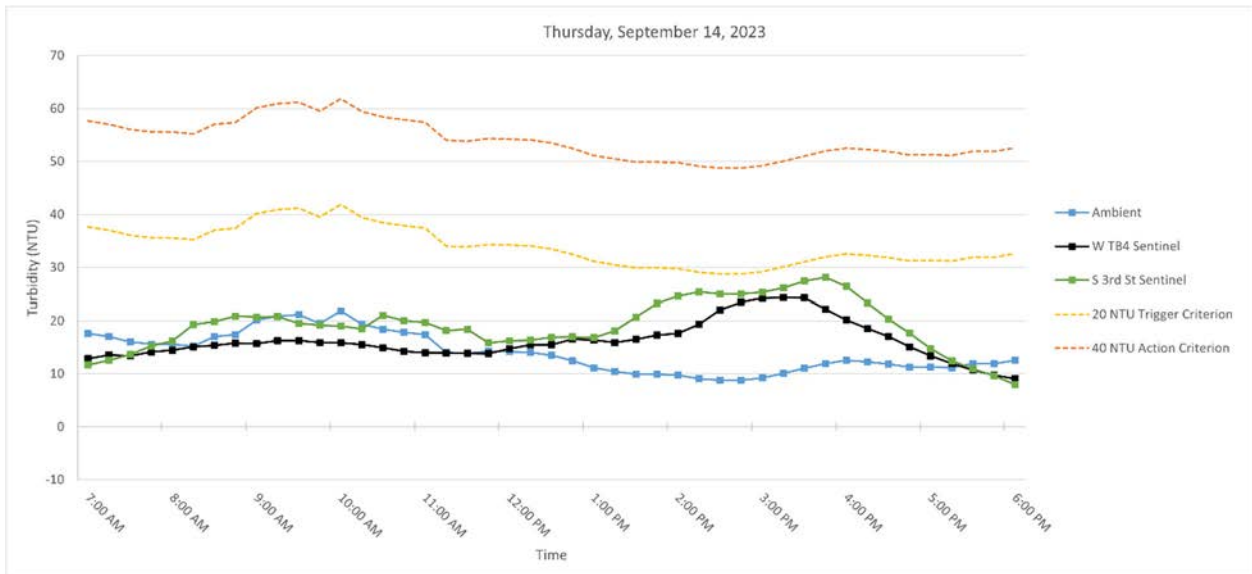
Figure 4. Hourly rolling average turbidity readings on Wednesday, September 13, 2023, from 7 AM to 6 PM.



Note: Deposits of fine-grained sediments around the turbidity sensor resulted in sustained unrepresentatively high turbidity readings at the West TB4 Sentinel Buoy until the sensor was cleaned at approximately 10:00 AM. Outlier turbidity readings above 20 NTU were detected at the West TB4 Sentinel Buoy and Ambient Buoy.

3.4 Thursday, September 14, 2023

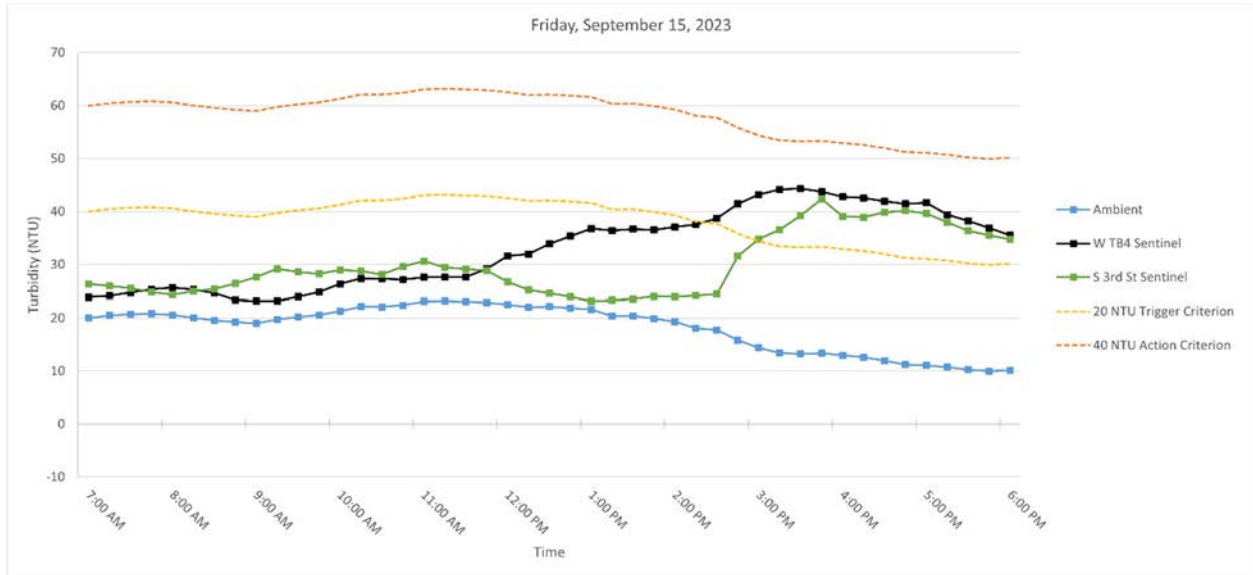
Figure 5. Hourly rolling average turbidity readings on Thursday, September 14, 2023, from 7 AM to 6 PM.



Note: No outlier turbidity readings above 20 NTU were detected at any of the buoys.

3.5 Friday, September 15, 2023

Figure 6. Hourly rolling average turbidity readings on Friday, September 15, 2023, from 7 AM to 6 PM.



Note: Exceedances of the quantitative trigger criterion occurred at the West TB4 Sentinel Buoy and South 3rd Street Sentinel Buoy from 2:45 PM to 6:00 PM due to resuspension of sediment from prop wash from a passing tugboat pushing a mini-hopper within 100 feet of the sentinel buoys. Outlier turbidity readings above 20 NTU were detected at the West TB4 Sentinel Buoy and Ambient Buoy.

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 = 1.36 (+/-0.1) mg/L
 - Min = < 0.1 mg/L at multiple times throughout the reporting period
 - Max = 6.25 (+/-0.1) mg/L on Sunday September 10, 2023

- West Turning Basin 4 (W TB4)
 - Average = 0.83 (+/-0.1) mg/L
 - Min = < 0.1 mg/L at multiple times throughout the reporting period
 - Max = 5.69 (+/-0.1) mg/L on Monday September 11, 2023

- South Third Street Bridge (S 3SB)
 - Average = 1.15 (+/-0.1) mg/L
 - Min = < 0.1 mg/L at multiple times throughout the reporting period
 - Max = 6.64 (+/-0.1) mg/L on Monday September 11, 2023

- North Union Street Bridge (N USB)
 - Average = 0.68 (+/-0.1) mg/L
 - Min = < 0.1 mg/L at multiple times throughout the reporting period
 - Max = 7.54 (+/-0.1) mg/L on Monday September 11, 2023

SUMMARY OF VISUAL OBSERVATIONS

Visual indications of elevated turbidity were periodically observed on Monday during the reporting period attributable to temporarily suspended capping materials caught in the outgoing tide pushing past the engineering controls installed at the southern boundary of RTA1. Visual indications of elevated turbidity were periodically observed on Friday during the reporting period attributable to resuspension of sediment from prop wash from a passing tugboat pushing a mini-hopper within 100 feet of the sentinel buoys. Turbid discharges were observed during the reporting period from the Salt Lot cofferdam and storm water outfalls, including from the high-level storm sewer pipe adjacent to OH-005.

Photographs depicting conditions relevant to these events are shown below.



Figure 7. Discharge from high level storm sewer pipe on September 11, 2023 at 10:30 AM.

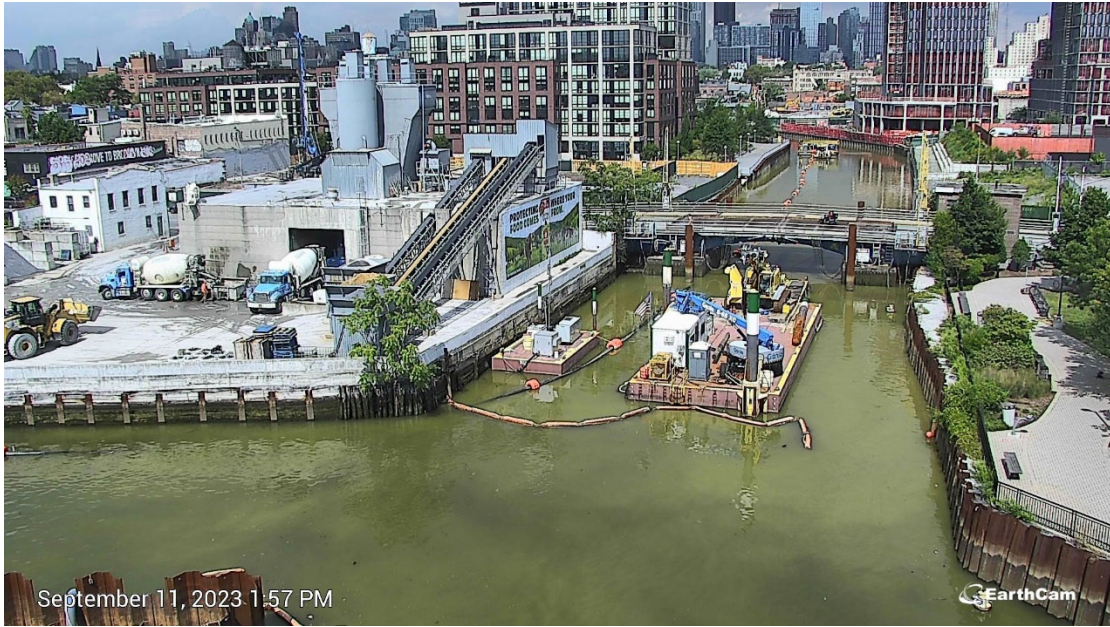


Figure 8. Visual indications of elevated turbidity were periodically observed attributable to temporarily suspended capping materials caught in the outgoing tide pushing past the engineering controls installed at the southern boundary of RTA1 on September 11, 2023 at 2:00 PM.



Figure 9. Discharge from high level storm sewer pipe on September 12, 2023 at 11:45 AM.



Figure 10. Discharge from the Salt Lot on September 12, 2023 at 12:00 PM.

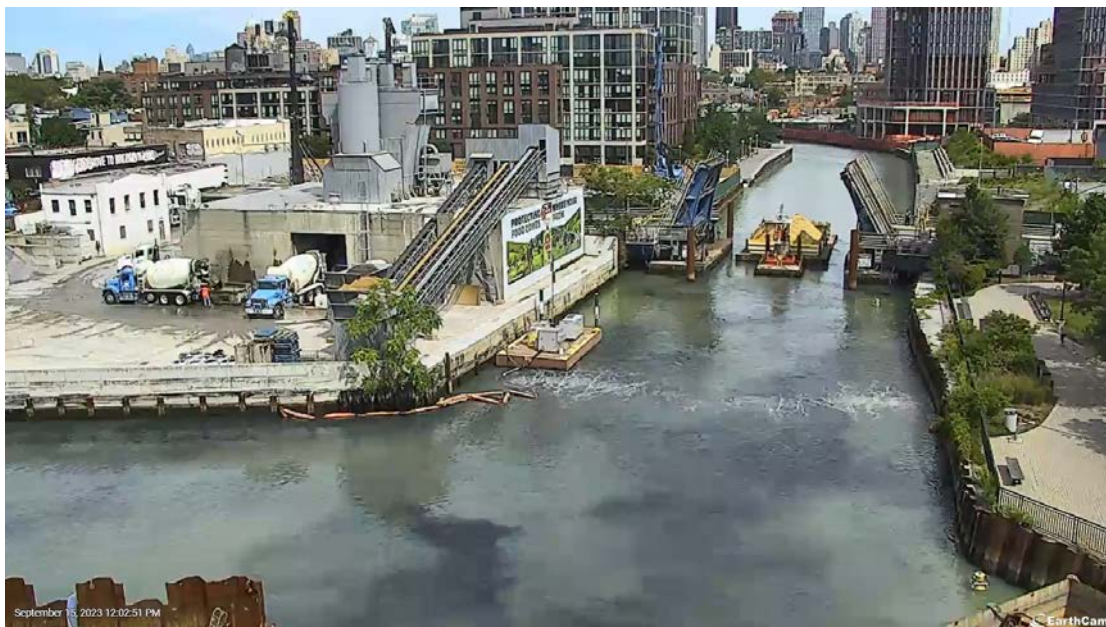


Figure 11. Visual indications of elevated turbidity were periodically observed attributable to resuspension of sediment from prop wash from a passing tugboat pushing a mini-hopper within 100 feet of the sentinel buoys on September 15, 2023 at 12:00 PM.



Figure 12. Visual indications of elevated turbidity were periodically observed attributable to resuspension of sediment from prop wash from a passing tugboat pushing a mini-hopper within 100 feet of the sentinel buoys on September 15, 2023 at 2:45 PM.

APPENDIX A
Turbidity Data Tables

Monday, September 11, 2023

Time	Turbidity (NTU)			Rolling Average Turbidity (NTU)			Difference (NTU)	
	Ambient	W TB4	S 3rd Street	Ambient	W TB4	S 3rd Street	W TB4 - Ambient	S 3rd St - Ambient
7:00:00	20.57	--	26.03	24.22	69.42	22.01	45.20	-2.21
7:15:00	29.76	75.83	24.43	26.26	68.79	22.43	42.53	-3.83
7:30:00	17.49	54.45	23.77	23.09	62.13	23.26	39.04	0.17
7:45:00	18.54	55.87	23.76	22.08	60.03	23.37	37.95	1.28
8:00:00	24.29	77.11	13.86	22.13	65.81	22.37	43.68	0.24
8:15:00	19.30	63.54	19.43	21.87	65.36	21.05	43.49	-0.82
8:30:00	20.74	50.77	14.85	20.07	60.35	19.14	40.28	-0.94
8:45:00	34.55	74.32	12.77	23.48	64.32	16.94	40.84	-6.55
9:00:00	20.77	72.99	14.07	23.93	67.75	15.00	43.82	-8.93
9:15:00	--	77.79	21.32	23.84	67.88	16.49	44.04	-7.35
9:30:00	25.82	74.08	19.71	25.47	69.99	16.54	44.52	-8.93
9:45:00	67.56	76.42	20.95	37.18	75.12	17.76	37.94	-19.41
10:00:00	19.49	72.16	20.41	33.41	74.69	19.29	41.27	-14.12
10:15:00	--	67.75	9.28	37.63	73.64	18.33	36.01	-19.29
10:30:00	20.72	46.60	7.14	33.40	67.40	15.50	34.00	-17.90
10:45:00	--	70.53	7.35	35.92	66.69	13.03	30.77	-22.90
11:00:00	20.62	237.77	14.70	20.28	98.96	11.78	78.68	-8.50
11:15:00	23.01	198.88	20.03	21.45	124.31	11.70	102.85	-9.75
11:30:00	11.96	184.26	45.94	19.08	147.61	19.03	128.53	-0.05
11:45:00	23.95	200.58	60.42	19.89	178.40	29.69	158.52	9.80
12:00:00	11.47	294.45	68.40	18.20	223.19	41.90	204.98	23.69
12:15:00	11.14	258.04	63.68	16.31	227.24	51.69	210.94	35.39
12:30:00	8.40	255.84	71.13	13.38	238.63	61.91	225.25	48.53
12:45:00	8.40	278.56	65.84	12.67	257.49	65.90	244.82	53.22
13:00:00	9.73	184.48	55.87	9.83	254.27	64.99	244.45	55.16
13:15:00	10.60	205.38	62.25	9.65	236.46	63.76	226.81	54.10
13:30:00	13.56	210.25	65.80	10.14	226.90	64.18	216.76	54.04
13:45:00	10.98	158.30	64.37	10.65	207.39	62.83	196.74	52.17
14:00:00	14.44	--	56.60	11.86	189.60	60.98	177.74	49.12
14:15:00	11.26	78.51	52.66	12.17	163.11	60.34	150.94	48.17
14:30:00	11.26	89.89	41.63	12.30	134.24	56.21	121.94	43.91
14:45:00	8.05	72.09	45.51	11.20	99.70	52.15	88.50	40.96
15:00:00	7.85	113.07	40.69	10.57	88.39	47.42	77.82	36.85
15:15:00	9.86	169.30	50.18	9.66	104.57	46.14	94.92	36.48
15:30:00	12.14	69.36	38.30	9.83	102.74	43.26	92.91	33.43
15:45:00	16.71	87.11	39.22	10.92	102.19	42.78	91.27	31.86
16:00:00	18.34	75.50	40.48	12.98	102.87	41.77	89.89	28.79
16:15:00	23.91	110.98	32.24	16.19	102.45	40.08	86.26	23.89
16:30:00	18.59	78.37	26.37	17.94	84.26	35.32	66.33	17.38
16:45:00	15.71	81.51	29.34	18.65	86.69	33.53	68.04	14.88
17:00:00	18.20	100.70	28.11	18.95	89.41	31.31	70.46	12.36
17:15:00	16.27	38.31	28.44	18.54	81.97	28.90	63.44	10.37
17:30:00	24.21	41.01	39.66	18.60	67.98	30.38	49.38	11.79
17:45:00	16.67	40.69	38.50	18.21	60.44	32.81	42.23	14.60
18:00:00	18.06	45.31	41.42	18.68	53.20	35.23	34.52	16.54

Tuesday, September 12, 2023

Time	Turbidity (NTU)			Rolling Average Turbidity (NTU)			Difference (NTU)	
	Ambient	W TB4	S 3rd Street	Ambient	W TB4	S 3rd Street	W TB4 - Ambient	S 3rd St - Ambient
7:00:00	22.11	85.83	6.47	25.99	78.04	7.78	52.05	-18.21
7:15:00	25.13	83.33	9.45	24.78	85.20	7.58	60.41	-17.20
7:30:00	47.44	88.77	10.82	29.06	87.03	8.28	57.96	-20.78
7:45:00	24.99	76.49	--	29.88	83.91	8.43	54.03	-21.45
8:00:00	26.88	91.73	9.58	29.31	85.23	9.08	55.92	-20.23
8:15:00	32.77	87.27	17.39	31.44	85.52	11.81	54.07	-19.63
8:30:00	32.00	93.07	17.45	32.82	87.46	13.81	54.65	-19.01
8:45:00	26.36	92.66	16.03	28.60	88.24	15.11	59.64	-13.49
9:00:00	24.94	87.73	15.58	28.59	90.49	15.21	61.90	-13.38
9:15:00	33.76	69.58	9.85	29.97	86.06	15.26	56.09	-14.71
9:30:00	24.94	95.33	9.19	28.40	87.67	13.62	59.27	-14.78
9:45:00	34.58	81.84	8.19	28.92	85.43	11.77	56.51	-17.15
10:00:00	23.87	93.30	8.42	28.42	85.56	10.25	57.14	-18.17
10:15:00	25.04	40.44	4.80	28.44	76.10	8.09	47.66	-20.35
10:30:00	31.00	101.30	11.44	27.89	82.44	8.41	54.55	-19.48
10:45:00	46.91	102.48	12.42	32.28	83.87	9.06	51.59	-23.23
11:00:00	31.24	89.23	11.91	31.62	85.35	9.80	53.73	-21.81
11:15:00	35.28	56.30	11.71	33.90	77.95	10.46	44.05	-23.44
11:30:00	37.33	105.51	4.55	36.35	90.96	10.41	54.61	-25.94
11:45:00	17.16	115.12	6.13	33.59	93.73	9.35	60.14	-24.24
12:00:00	43.47	111.77	4.89	32.90	95.58	7.84	62.69	-25.06
12:15:00	50.01	123.42	8.91	36.65	102.42	7.24	65.77	-29.41
12:30:00	57.80	89.50	10.63	41.15	109.06	7.02	67.91	-34.13
12:45:00	80.05	122.13	9.31	49.70	112.39	7.98	62.69	-41.72
13:00:00	51.77	115.29	16.59	56.62	112.42	10.07	55.80	-46.55
13:15:00	34.83	110.98	12.23	54.89	112.26	11.53	57.37	-43.36
13:30:00	47.63	71.51	10.10	54.42	101.88	11.77	47.46	-42.65
13:45:00	26.82	118.90	6.63	48.22	107.76	10.97	59.54	-37.25
14:00:00	34.46	139.28	8.10	39.10	111.19	10.73	72.09	-28.37
14:15:00	54.58	124.45	12.72	39.66	113.02	9.96	73.36	-29.71
14:30:00	73.79	202.02	10.02	47.46	131.23	9.51	83.77	-37.94
14:45:00	65.77	136.90	12.40	51.08	144.31	9.98	93.23	-41.11
15:00:00	71.67	197.95	11.03	60.05	160.12	10.85	100.07	-49.20
15:15:00	83.42	161.92	11.02	69.84	164.65	11.44	94.80	-58.41
15:30:00	47.73	170.75	8.37	68.47	173.91	10.57	105.43	-57.91
15:45:00	64.87	116.84	5.39	66.69	156.87	9.64	90.18	-57.05
16:00:00	58.79	152.50	6.28	65.29	159.99	8.42	94.70	-56.88
16:15:00	46.02	142.59	4.24	60.17	148.92	7.06	88.75	-53.11
16:30:00	75.13	169.11	7.08	58.51	150.36	6.27	91.85	-52.24
16:45:00	47.31	105.74	11.24	58.43	137.36	6.84	78.93	-51.58
17:00:00	73.20	143.55	11.18	60.09	142.70	8.00	82.61	-52.09
17:15:00	41.42	144.51	10.79	56.62	141.10	8.91	84.48	-47.71
17:30:00	106.66	143.43	10.33	68.74	141.27	10.12	72.52	-58.62
17:45:00	83.22	130.44	7.19	70.36	133.54	10.15	63.17	-60.22
18:00:00	51.69	140.49	6.67	71.24	140.49	9.23	69.25	-62.00

Wednesday, September 13, 2023

Time	Turbidity (NTU)			Rolling Average Turbidity (NTU)			Difference (NTU)	
	Ambient	W TB4	S 3rd Street	Ambient	W TB4	S 3rd Street	W TB4 - Ambient	S 3rd St - Ambient
7:00:00	--	180.33	6.29	37.89	150.97	6.93	113.09	-30.95
7:15:00	43.69	207.10	3.14	37.82	163.61	5.60	125.79	-32.22
7:30:00	50.50	236.04	11.95	41.73	183.53	6.75	141.80	-34.98
7:45:00	98.53	270.81	10.89	54.98	210.68	7.86	155.70	-47.12
8:00:00	31.36	201.41	12.93	56.02	219.14	9.04	163.12	-46.98
8:15:00	37.15	146.68	8.69	52.24	212.41	9.52	160.16	-42.73
8:30:00	27.71	144.69	7.51	49.05	199.92	10.39	150.88	-38.66
8:45:00	3.84	296.02	10.77	39.72	211.92	10.16	172.20	-29.56
9:00:00	5.62	6.02	10.56	21.14	158.96	10.09	137.83	-11.05
9:15:00	9.66	6.37	0.00	16.80	119.95	7.50	103.16	-9.29
9:30:00	4.65	5.28	2.43	10.30	91.68	6.25	81.38	-4.04
9:45:00	6.69	5.61	2.56	6.09	63.86	5.26	57.77	-0.83
10:00:00	7.19	6.10	1.61	6.76	5.88	3.43	-0.88	-3.33
10:15:00	7.50	4.02	2.38	7.14	5.48	1.80	-1.66	-5.34
10:30:00	6.21	4.17	1.23	6.45	5.04	2.04	-1.41	-4.40
10:45:00	6.93	5.04	1.33	6.90	4.99	1.82	-1.92	-5.08
11:00:00	9.01	29.12	1.40	7.37	9.69	1.59	2.32	-5.78
11:15:00	6.10	17.15	15.02	7.15	11.90	4.27	4.75	-2.88
11:30:00	6.30	18.29	9.36	6.91	14.75	5.67	7.84	-1.25
11:45:00	7.49	16.55	6.11	7.17	17.23	6.64	10.06	-0.53
12:00:00	7.96	12.20	11.15	7.38	18.66	8.61	11.29	1.23
12:15:00	7.71	15.25	6.28	7.11	15.89	9.58	8.77	2.47
12:30:00	5.59	11.44	3.65	7.01	14.75	7.31	7.73	0.30
12:45:00	5.63	21.39	7.33	6.88	15.37	6.90	8.49	0.02
13:00:00	6.38	19.15	4.08	6.66	15.89	6.50	9.23	-0.16
13:15:00	8.19	12.86	10.96	6.70	16.02	6.46	9.32	-0.24
13:30:00	9.46	9.12	10.20	7.05	14.79	7.24	7.74	0.19
13:45:00	6.88	--	6.08	7.31	15.63	7.73	8.32	0.42
14:00:00	5.86	11.99	8.15	7.36	13.28	7.89	5.92	0.54
14:15:00	5.70	9.60	5.54	7.22	10.89	8.19	3.67	0.97
14:30:00	5.68	18.32	13.72	6.72	12.26	8.74	5.54	2.02
14:45:00	261.01	24.81	20.78	57.03	16.18	10.85	-40.84	-46.17
15:00:00	30.74	29.91	19.70	61.80	18.93	13.58	-42.87	-48.22
15:15:00	30.92	35.25	24.98	66.81	23.58	16.94	-43.23	-49.87
15:30:00	25.22	27.52	28.51	70.71	27.16	21.54	-43.55	-49.18
15:45:00	25.65	28.38	21.67	74.71	29.17	23.13	-45.54	-51.58
16:00:00	26.22	28.23	21.99	27.75	29.86	23.37	2.11	-4.38
16:15:00	31.26	19.49	18.71	27.85	27.77	23.17	-0.08	-4.68
16:30:00	25.09	18.75	16.93	26.69	24.47	21.56	-2.21	-5.13
16:45:00	21.13	13.77	12.94	25.87	21.72	18.45	-4.15	-7.42
17:00:00	19.64	14.24	10.24	24.67	18.90	16.16	-5.77	-8.51
17:15:00	20.54	17.97	11.15	23.53	16.85	13.99	-6.69	-9.54
17:30:00	21.09	18.73	10.06	21.50	16.69	12.26	-4.81	-9.23
17:45:00	20.14	23.46	9.99	20.51	17.63	10.88	-2.87	-9.63
18:00:00	23.45	27.02	9.08	20.97	20.28	10.10	-0.69	-10.87

Thursday, September 14, 2023

Time	Turbidity (NTU)			Rolling Average Turbidity (NTU)			Difference (NTU)	
	Ambient	W TB4	S 3rd Street	Ambient	W TB4	S 3rd Street	W TB4 - Ambient	S 3rd St - Ambient
7:00:00	16.82	13.86	11.41	17.64	12.87	11.71	-4.77	-5.93
7:15:00	14.58	14.47	15.91	17.02	13.54	12.54	-3.48	-4.48
7:30:00	15.85	13.38	16.87	16.04	13.41	13.67	-2.63	-2.37
7:45:00	14.11	16.48	19.93	15.62	14.16	15.25	-1.46	-0.37
8:00:00	16.51	14.19	16.85	15.57	14.48	16.19	-1.10	0.62
8:15:00	15.01	17.10	26.93	15.21	15.12	19.30	-0.09	4.09
8:30:00	23.57	15.73	18.76	17.01	15.38	19.87	-1.63	2.86
8:45:00	17.81	15.63	22.06	17.40	15.82	20.91	-1.58	3.51
9:00:00	27.79	15.83	19.15	20.14	15.70	20.75	-4.44	0.61
9:15:00	20.38	17.04	17.07	20.91	16.27	20.80	-4.65	-0.12
9:30:00	16.33	17.22	20.79	21.17	16.29	19.57	-4.88	-1.61
9:45:00	15.28	13.79	16.82	19.52	15.90	19.18	-3.61	-0.34
10:00:00	29.46	15.32	21.18	21.85	15.84	19.00	-6.01	-2.85
10:15:00	15.57	14.18	16.45	19.40	15.51	18.46	-3.89	-0.94
10:30:00	15.45	14.20	30.08	18.42	14.94	21.06	-3.48	2.64
10:45:00	13.49	13.73	15.74	17.85	14.24	20.05	-3.61	2.20
11:00:00	13.03	12.53	15.11	17.40	13.99	19.71	-3.41	2.31
11:15:00	12.53	15.15	13.48	14.01	13.96	18.17	-0.06	4.16
11:30:00	14.59	13.73	17.65	13.82	13.87	18.41	0.05	4.59
11:45:00	17.94	13.93	17.28	14.32	13.81	15.85	-0.50	1.54
12:00:00	13.01	18.45	17.57	14.22	14.76	16.22	0.54	2.00
12:15:00	12.13	16.15	15.82	14.04	15.48	16.36	1.44	2.32
12:30:00	9.76	15.23	16.24	13.49	15.50	16.91	2.01	3.43
12:45:00	9.53	19.08	17.94	12.47	16.57	16.97	4.09	4.50
13:00:00	11.31	12.97	16.46	11.15	16.38	16.81	5.23	5.66
13:15:00	9.66	16.05	23.98	10.48	15.90	18.09	5.42	7.61
13:30:00	9.28	19.05	28.64	9.91	16.48	20.66	6.57	10.75
13:45:00	9.77	19.35	29.16	9.91	17.30	23.24	7.39	13.33
14:00:00	8.87	20.60	24.70	9.78	17.60	24.59	7.82	14.81
14:15:00	7.75	21.52	20.37	9.07	19.31	25.37	10.25	16.30
14:30:00	8.22	29.83	22.07	8.78	22.07	24.99	13.29	16.21
14:45:00	9.26	26.11	28.77	8.77	23.48	25.01	14.71	16.24
15:00:00	11.93	22.99	30.65	9.21	24.21	25.31	15.01	16.11
15:15:00	13.21	21.11	28.90	10.07	24.31	26.15	14.24	16.08
15:30:00	12.57	21.36	26.62	11.04	24.28	27.40	13.24	16.36
15:45:00	12.88	19.41	25.68	11.97	22.20	28.12	10.23	16.15
16:00:00	12.09	15.94	20.26	12.54	20.16	26.42	7.62	13.89
16:15:00	10.52	14.96	15.08	12.25	18.55	23.31	6.30	11.05
16:30:00	11.20	13.43	13.85	11.85	17.02	20.30	5.17	8.45
16:45:00	9.52	11.70	13.57	11.24	15.09	17.69	3.84	6.45
17:00:00	13.21	10.83	10.89	11.31	13.37	14.73	2.06	3.42
17:15:00	11.29	8.75	9.14	11.15	11.93	12.51	0.78	1.36
17:30:00	14.45	8.94	7.23	11.94	10.73	10.94	-1.21	-1.00
17:45:00	10.98	8.45	7.36	11.89	9.73	9.64	-2.16	-2.25
18:00:00	12.89	8.27	5.41	12.57	9.05	8.01	-3.52	-4.56

Friday, September 15, 2023

Time	Turbidity (NTU)			Rolling Average Turbidity (NTU)			Difference (NTU)	
	Ambient	W TB4	S 3rd Street	Ambient	W TB4	S 3rd Street	W TB4 - Ambient	S 3rd St - Ambient
7:00:00	21.68	23.87	24.97	19.97	23.87	26.33	3.90	6.36
7:15:00	21.71	25.44	24.71	20.45	24.13	25.98	3.68	5.53
7:30:00	20.83	26.26	22.41	20.72	24.72	25.55	4.00	4.83
7:45:00	20.11	26.73	24.69	20.80	25.34	24.78	4.54	3.99
8:00:00	18.61	26.07	24.69	20.59	25.67	24.29	5.09	3.71
8:15:00	18.81	21.89	28.36	20.01	25.28	24.97	5.27	4.96
8:30:00	19.54	22.28	26.78	19.58	24.65	25.39	5.07	5.81
8:45:00	19.04	19.68	27.45	19.22	23.33	26.39	4.11	7.17
9:00:00	18.93	25.71	30.83	18.99	23.13	27.62	4.14	8.64
9:15:00	22.31	26.01	32.57	19.72	23.12	29.20	3.39	9.47
9:30:00	21.29	26.06	25.29	20.22	23.95	28.58	3.73	8.36
9:45:00	21.32	26.44	24.97	20.58	24.78	28.22	4.20	7.64
10:00:00	22.61	27.64	31.17	21.29	26.37	28.96	5.08	7.67
10:15:00	22.98	30.56	29.86	22.10	27.34	28.77	5.24	6.67
10:30:00	22.29	25.82	29.30	22.10	27.30	28.12	5.21	6.02
10:45:00	22.81	25.27	32.75	22.40	27.15	29.61	4.75	7.21
11:00:00	24.71	28.49	30.15	23.08	27.56	30.65	4.48	7.57
11:15:00	22.93	27.95	25.21	23.14	27.62	29.45	4.48	6.31
11:30:00	22.43	30.69	28.32	23.03	27.64	29.15	4.61	6.11
11:45:00	21.55	33.41	27.91	22.88	29.16	28.87	6.28	5.99
12:00:00	20.92	37.49	22.08	22.51	31.61	26.73	9.10	4.23
12:15:00	22.20	30.42	22.57	22.01	31.99	25.22	9.99	3.21
12:30:00	23.41	37.43	22.15	22.10	33.89	24.61	11.79	2.50
12:45:00	21.31	37.98	24.97	21.88	35.35	23.94	13.47	2.06
13:00:00	20.10	40.64	23.57	21.59	36.79	23.07	15.21	1.48
13:15:00	14.74	35.67	23.20	20.35	36.43	23.29	16.08	2.94
13:30:00	22.46	31.59	23.71	20.40	36.66	23.52	16.26	3.12
13:45:00	20.85	36.64	24.79	19.89	36.51	24.05	16.61	4.16
14:00:00	18.25	40.95	24.32	19.28	37.10	23.92	17.82	4.64
14:15:00	14.00	42.89	24.65	18.06	37.55	24.14	19.49	6.08
14:30:00	13.03	41.46	24.58	17.72	38.71	24.41	20.99	6.69
14:45:00	13.03	45.24	59.57	15.83	41.44	31.58	25.61	15.75
15:00:00	13.49	45.43	40.98	14.36	43.19	34.82	28.84	20.46
15:15:00	13.58	45.95	33.19	13.42	44.19	36.59	30.77	23.17
15:30:00	13.22	43.53	37.81	13.27	44.32	39.22	31.05	25.96
15:45:00	--	38.62	40.10	13.33	43.75	42.33	30.43	29.00
16:00:00	11.55	40.28	43.29	12.96	42.76	39.07	29.80	26.11
16:15:00	11.95	44.46	40.15	12.57	42.57	38.91	30.00	26.33
16:30:00	11.10	42.63	37.93	11.95	41.90	39.86	29.95	27.90
16:45:00	10.30	41.23	39.24	11.22	41.44	40.14	30.22	28.92
17:00:00	10.41	39.58	37.58	11.06	41.64	39.64	30.57	28.58
17:15:00	9.86	29.14	34.93	10.72	39.41	37.97	28.69	27.24
17:30:00	9.47	38.56	32.03	10.23	38.23	36.34	28.00	26.11
17:45:00	9.75	36.03	33.69	9.96	36.91	35.49	26.95	25.54
18:00:00	11.20	34.24	35.43	10.14	35.51	34.73	25.37	24.59

APPENDIX B
Dissolved Oxygen Data

September 10 - 16, 2023

Date	Time	DO (mg/L)			
		Ambient	W TB4	S 3SB	N USB
9/10/2023	0:00:00	5.78	5.42	5.68	1.38
9/10/2023	0:15:00	5.93	5.40	5.64	0.80
9/10/2023	0:30:00	5.85	5.35	5.74	0.87
9/10/2023	0:45:00	5.82	5.27	5.71	1.27
9/10/2023	1:00:00	5.93	5.14	5.80	1.15
9/10/2023	1:15:00	5.91	5.11	5.81	1.22
9/10/2023	1:30:00	6.05	4.98	5.78	1.21
9/10/2023	1:45:00	6.10	5.01	5.54	1.47
9/10/2023	2:00:00	6.07	4.93	5.75	1.39
9/10/2023	2:15:00	6.01	4.83	5.67	1.35
9/10/2023	2:30:00	5.95	4.78	5.39	0.81
9/10/2023	2:45:00	5.95	4.71	5.53	0.88
9/10/2023	3:00:00	5.82	4.60	5.55	1.05
9/10/2023	3:15:00	5.73	4.55	5.48	2.17
9/10/2023	3:30:00	5.65	4.60	5.43	2.14
9/10/2023	3:45:00	5.64	4.78	5.38	3.36
9/10/2023	4:00:00	5.53	4.73	5.28	3.02
9/10/2023	4:15:00	5.40	4.57	5.42	2.68
9/10/2023	4:30:00	5.51	4.70	5.49	3.14
9/10/2023	4:45:00	5.47	4.75	5.21	3.39
9/10/2023	5:00:00	5.40	4.72	5.46	3.52
9/10/2023	5:15:00	5.38	4.66	5.30	3.67
9/10/2023	5:30:00	5.47	4.70	5.40	3.53
9/10/2023	5:45:00	5.49	4.61	5.24	4.18
9/10/2023	6:00:00	5.43	4.47	5.31	3.68
9/10/2023	6:15:00	5.39	4.62	5.12	3.87
9/10/2023	6:30:00	5.40	4.70	4.86	4.30
9/10/2023	6:45:00	5.45	4.59	5.02	--
9/10/2023	7:00:00	5.36	4.46	4.87	4.02
9/10/2023	7:15:00	5.37	4.54	4.83	4.12
9/10/2023	7:30:00	5.38	4.48	5.00	4.25
9/10/2023	7:45:00	5.48	4.48	4.58	3.79
9/10/2023	8:00:00	5.38	4.45	4.39	3.81
9/10/2023	8:15:00	5.33	4.43	4.49	4.05
9/10/2023	8:30:00	5.32	4.24	4.67	3.95
9/10/2023	8:45:00	5.42	4.33	4.43	3.81
9/10/2023	9:00:00	5.40	4.00	4.71	3.37
9/10/2023	9:15:00	5.46	4.19	4.80	3.51
9/10/2023	9:30:00	5.35	3.82	4.78	3.56
9/10/2023	9:45:00	5.39	4.03	4.93	3.74
9/10/2023	10:00:00	5.33	4.31	4.62	3.75
9/10/2023	10:15:00	5.34	3.93	4.73	3.89
9/10/2023	10:30:00	5.14	4.67	4.64	4.11
9/10/2023	10:45:00	5.33	3.96	3.98	3.42
9/10/2023	11:00:00	5.60	4.62	4.42	3.30
9/10/2023	11:15:00	5.76	4.22	2.78	3.04
9/10/2023	11:30:00	5.74	5.36	5.01	4.61
9/10/2023	11:45:00	5.91	5.25	4.37	5.35

Note: Data has not been validated

September 10 - 16, 2023

Date	Time	DO (mg/L)			
		Ambient	W TB4	S 3SB	N USB
9/10/2023	12:00:00	6.18	4.48	3.42	5.81
9/10/2023	12:15:00	6.25	2.35	3.22	6.28
9/10/2023	12:30:00	6.05	2.55	3.46	5.83
9/10/2023	12:45:00	5.94	2.87	4.39	5.72
9/10/2023	13:00:00	5.93	3.40	4.04	6.18
9/10/2023	13:15:00	5.84	3.43	4.39	6.00
9/10/2023	13:30:00	5.79	4.01	4.95	5.81
9/10/2023	13:45:00	5.67	4.09	4.32	3.73
9/10/2023	14:00:00	5.65	3.15	4.69	3.21
9/10/2023	14:15:00	5.57	3.71	4.76	2.90
9/10/2023	14:30:00	5.45	3.13	3.59	2.94
9/10/2023	14:45:00	5.12	3.01	3.39	2.29
9/10/2023	15:00:00	4.89	2.71	3.94	2.25
9/10/2023	15:15:00	4.80	3.21	3.31	1.14
9/10/2023	15:30:00	4.73	2.68	2.44	1.39
9/10/2023	15:45:00	4.43	2.15	2.28	1.45
9/10/2023	16:00:00	4.29	1.67	1.57	0.94
9/10/2023	16:15:00	4.22	2.06	2.31	0.45
9/10/2023	16:30:00	4.12	2.54	1.55	0.22
9/10/2023	16:45:00	3.91	2.24	0.93	0.00
9/10/2023	17:00:00	3.86	1.52	0.58	0.05
9/10/2023	17:15:00	3.86	0.51	0.44	0.00
9/10/2023	17:30:00	3.68	0.62	0.34	--
9/10/2023	17:45:00	3.43	0.82	0.58	0.00
9/10/2023	18:00:00	3.28	0.37	0.02	0.00
9/10/2023	18:15:00	3.31	0.14	0.00	0.00
9/10/2023	18:30:00	3.05	0.41	0.00	0.00
9/10/2023	18:45:00	2.81	0.81	0.00	0.00
9/10/2023	19:00:00	2.65	0.67	0.00	0.00
9/10/2023	19:15:00	2.47	0.20	0.00	0.00
9/10/2023	19:30:00	2.38	0.73	0.00	0.00
9/10/2023	19:45:00	2.39	0.16	0.01	0.00
9/10/2023	20:00:00	2.20	0.23	0.04	0.00
9/10/2023	20:15:00	2.14	0.05	0.00	0.00
9/10/2023	20:30:00	1.92	0.00	0.00	0.00
9/10/2023	20:45:00	1.86	0.07	0.00	0.00
9/10/2023	21:00:00	1.84	0.18	0.00	0.00
9/10/2023	21:15:00	1.87	0.02	0.00	0.00
9/10/2023	21:30:00	1.63	0.16	0.00	0.00
9/10/2023	21:45:00	1.66	0.12	0.00	0.00
9/10/2023	22:00:00	1.62	0.00	0.00	0.00
9/10/2023	22:15:00	1.60	0.06	0.00	0.00
9/10/2023	22:30:00	1.61	0.15	0.00	0.00
9/10/2023	22:45:00	1.48	0.00	0.00	0.00
9/10/2023	23:00:00	1.45	1.19	0.00	0.00
9/10/2023	23:15:00	1.17	1.06	0.16	0.00
9/10/2023	23:30:00	0.78	3.67	0.68	1.38
9/10/2023	23:45:00	1.69	1.15	0.89	3.98

Note: Data has not been validated

September 10 - 16, 2023

Date	Time	DO (mg/L)			
		Ambient	W TB4	S 3SB	N USB
9/11/2023	0:00:00	2.53	0.43	0.80	5.06
9/11/2023	0:15:00	2.15	0.94	0.80	5.82
9/11/2023	0:30:00	2.29	4.22	2.74	6.92
9/11/2023	0:45:00	3.63	4.65	3.14	6.27
9/11/2023	1:00:00	3.31	5.69	4.66	7.13
9/11/2023	1:15:00	4.31	5.61	5.80	7.54
9/11/2023	1:30:00	5.87	5.32	6.25	7.41
9/11/2023	1:45:00	6.02	4.77	6.16	7.13
9/11/2023	2:00:00	5.90	3.75	4.69	6.95
9/11/2023	2:15:00	5.23	2.88	4.83	6.76
9/11/2023	2:30:00	4.21	3.17	5.45	6.43
9/11/2023	2:45:00	3.72	3.73	5.59	6.62
9/11/2023	3:00:00	2.82	3.00	5.64	6.10
9/11/2023	3:15:00	2.81	3.39	5.91	6.47
9/11/2023	3:30:00	2.76	3.23	6.55	5.92
9/11/2023	3:45:00	2.68	3.80	6.45	4.81
9/11/2023	4:00:00	2.64	3.45	6.55	4.66
9/11/2023	4:15:00	3.48	2.83	6.64	5.05
9/11/2023	4:30:00	4.11	3.05	5.97	5.16
9/11/2023	4:45:00	4.59	2.71	5.75	5.69
9/11/2023	5:00:00	4.73	2.80	5.51	5.22
9/11/2023	5:15:00	4.54	2.73	4.89	4.13
9/11/2023	5:30:00	4.31	2.68	5.21	3.77
9/11/2023	5:45:00	4.07	2.91	5.62	3.45
9/11/2023	6:00:00	4.03	2.34	5.69	2.75
9/11/2023	6:15:00	3.91	2.16	5.73	2.58
9/11/2023	6:30:00	2.36	1.96	5.29	2.96
9/11/2023	6:45:00	1.33	2.14	5.03	2.48
9/11/2023	7:00:00	1.00	1.64	4.36	2.03
9/11/2023	7:15:00	0.44	1.08	4.57	1.60
9/11/2023	7:30:00	0.15	0.95	4.20	1.29
9/11/2023	7:45:00	0.13	0.28	3.94	0.69
9/11/2023	8:00:00	0.00	0.44	3.80	0.43
9/11/2023	8:15:00	0.00	0.53	3.70	0.17
9/11/2023	8:30:00	0.00	1.43	3.22	0.07
9/11/2023	8:45:00	0.07	1.03	2.94	0.00
9/11/2023	9:00:00	0.00	0.52	3.04	--
9/11/2023	9:15:00	0.00	0.36	2.88	0.04
9/11/2023	9:30:00	0.00	0.49	2.60	0.00
9/11/2023	9:45:00	0.00	0.47	2.21	0.00
9/11/2023	10:00:00	0.00	0.17	2.36	0.00
9/11/2023	10:15:00	0.00	0.39	1.75	0.00
9/11/2023	10:30:00	0.00	0.31	1.81	0.00
9/11/2023	10:45:00	0.05	0.25	2.29	0.00
9/11/2023	11:00:00	0.02	0.25	1.64	0.00
9/11/2023	11:15:00	0.26	1.24	2.09	0.00
9/11/2023	11:30:00	0.10	1.22	2.76	0.00
9/11/2023	11:45:00	0.29	1.54	2.61	0.00

Note: Data has not been validated

September 10 - 16, 2023

Date	Time	DO (mg/L)			
		Ambient	W TB4	S 3SB	N USB
9/11/2023	12:00:00	0.27	1.70	2.87	0.00
9/11/2023	12:15:00	0.30	1.47	2.84	0.00
9/11/2023	12:30:00	0.44	1.30	2.69	0.00
9/11/2023	12:45:00	0.16	1.42	2.70	0.00
9/11/2023	13:00:00	0.28	1.06	2.89	0.00
9/11/2023	13:15:00	0.21	0.97	3.08	0.00
9/11/2023	13:30:00	0.50	1.10	3.25	0.00
9/11/2023	13:45:00	0.58	0.99	3.02	0.00
9/11/2023	14:00:00	1.11	2.00	3.18	0.00
9/11/2023	14:15:00	0.52	1.03	3.12	0.05
9/11/2023	14:30:00	0.93	1.37	3.23	0.00
9/11/2023	14:45:00	0.72	1.25	3.27	0.00
9/11/2023	15:00:00	0.74	1.24	3.21	0.00
9/11/2023	15:15:00	0.88	2.02	3.22	0.39
9/11/2023	15:30:00	0.79	2.37	3.09	0.00
9/11/2023	15:45:00	1.62	2.20	3.15	0.06
9/11/2023	16:00:00	1.74	2.36	2.98	0.05
9/11/2023	16:15:00	2.05	2.07	2.64	0.00
9/11/2023	16:30:00	1.77	2.02	3.02	0.00
9/11/2023	16:45:00	1.59	1.36	2.85	0.00
9/11/2023	17:00:00	1.46	1.75	2.75	0.00
9/11/2023	17:15:00	1.54	1.62	2.80	0.00
9/11/2023	17:30:00	1.29	1.52	2.80	0.00
9/11/2023	17:45:00	1.09	1.50	2.65	0.00
9/11/2023	18:00:00	1.06	1.14	2.69	0.00
9/11/2023	18:15:00	1.05	1.49	2.74	0.00
9/11/2023	18:30:00	0.98	1.59	2.67	0.00
9/11/2023	18:45:00	2.53	4.18	5.03	0.05
9/11/2023	19:00:00	3.63	4.42	3.78	5.93
9/11/2023	19:15:00	5.46	5.13	5.10	6.77
9/11/2023	19:30:00	5.23	4.35	4.74	6.57
9/11/2023	19:45:00	5.01	3.47	4.87	6.53
9/11/2023	20:00:00	4.69	3.89	4.56	5.69
9/11/2023	20:15:00	4.62	3.78	4.91	5.81
9/11/2023	20:30:00	4.69	2.88	5.43	5.75
9/11/2023	20:45:00	5.07	3.18	5.30	4.39
9/11/2023	21:00:00	4.72	3.03	4.94	4.54
9/11/2023	21:15:00	5.21	3.11	4.85	4.44
9/11/2023	21:30:00	4.87	2.81	4.99	4.54
9/11/2023	21:45:00	4.89	2.88	4.64	3.39
9/11/2023	22:00:00	4.68	2.95	4.65	--
9/11/2023	22:15:00	4.27	2.59	3.85	2.74
9/11/2023	22:30:00	4.29	2.17	3.65	1.65
9/11/2023	22:45:00	3.58	2.16	3.22	2.19
9/11/2023	23:00:00	3.07	1.53	1.80	1.71
9/11/2023	23:15:00	2.49	0.82	2.05	0.74
9/11/2023	23:30:00	2.54	0.45	1.40	1.53
9/11/2023	23:45:00	2.25	0.89	0.69	1.31

Note: Data has not been validated

September 10 - 16, 2023

Date	Time	DO (mg/L)			
		Ambient	W TB4	S 3SB	N USB
9/12/2023	0:00:00	2.13	0.34	0.72	0.65
9/12/2023	0:15:00	1.79	0.30	0.64	0.94
9/12/2023	0:30:00	1.36	0.46	0.44	0.89
9/12/2023	0:45:00	1.59	0.10	0.19	0.84
9/12/2023	1:00:00	1.39	0.46	0.14	0.50
9/12/2023	1:15:00	1.20	0.18	0.10	0.35
9/12/2023	1:30:00	1.03	0.00	0.06	0.32
9/12/2023	1:45:00	1.09	0.07	0.04	0.21
9/12/2023	2:00:00	1.08	0.10	0.00	0.29
9/12/2023	2:15:00	1.13	0.42	0.00	0.11
9/12/2023	2:30:00	0.54	0.23	0.00	0.05
9/12/2023	2:45:00	0.43	0.07	0.00	0.00
9/12/2023	3:00:00	0.65	0.61	0.05	0.00
9/12/2023	3:15:00	0.57	0.00	0.04	0.00
9/12/2023	3:30:00	0.68	0.00	0.00	0.00
9/12/2023	3:45:00	0.58	0.00	0.01	0.00
9/12/2023	4:00:00	0.58	0.00	0.00	0.00
9/12/2023	4:15:00	0.17	0.12	0.00	0.00
9/12/2023	4:30:00	0.34	0.05	0.04	0.00
9/12/2023	4:45:00	0.20	0.00	0.00	0.00
9/12/2023	5:00:00	0.10	0.00	0.00	0.00
9/12/2023	5:15:00	0.16	0.00	0.00	0.00
9/12/2023	5:30:00	0.28	0.00	0.00	0.00
9/12/2023	5:45:00	0.14	0.34	0.00	0.00
9/12/2023	6:00:00	0.04	0.01	0.00	0.00
9/12/2023	6:15:00	0.02	0.10	0.00	0.00
9/12/2023	6:30:00	0.12	0.02	0.00	0.00
9/12/2023	6:45:00	0.07	0.25	0.00	0.00
9/12/2023	7:00:00	0.05	0.06	0.19	0.00
9/12/2023	7:15:00	0.05	0.00	0.16	0.00
9/12/2023	7:30:00	0.04	0.07	0.27	0.00
9/12/2023	7:45:00	0.05	0.27	0.34	0.00
9/12/2023	8:00:00	0.08	0.67	1.20	0.00
9/12/2023	8:15:00	0.07	0.30	0.77	0.00
9/12/2023	8:30:00	0.05	0.13	0.60	0.00
9/12/2023	8:45:00	0.06	0.15	0.57	0.00
9/12/2023	9:00:00	0.15	0.20	0.96	0.00
9/12/2023	9:15:00	0.19	0.62	1.28	0.00
9/12/2023	9:30:00	0.09	0.63	1.35	0.00
9/12/2023	9:45:00	0.28	0.31	1.19	0.00
9/12/2023	10:00:00	0.15	0.78	1.23	0.05
9/12/2023	10:15:00	0.26	0.52	1.28	0.10
9/12/2023	10:30:00	0.16	0.39	1.13	0.04
9/12/2023	10:45:00	0.24	0.04	1.12	0.07
9/12/2023	11:00:00	0.39	0.20	1.19	0.11
9/12/2023	11:15:00	0.57	0.63	1.08	--
9/12/2023	11:30:00	0.56	0.59	1.11	0.07
9/12/2023	11:45:00	0.52	0.48	1.00	0.05

Note: Data has not been validated

September 10 - 16, 2023

Date	Time	DO (mg/L)			
		Ambient	W TB4	S 3SB	N USB
9/12/2023	12:00:00	0.56	0.83	0.93	0.04
9/12/2023	12:15:00	0.66	0.16	0.75	0.07
9/12/2023	12:30:00	0.90	0.69	0.85	0.03
9/12/2023	12:45:00	0.69	0.06	0.80	0.07
9/12/2023	13:00:00	0.76	0.58	0.79	0.05
9/12/2023	13:15:00	0.92	0.59	1.08	0.05
9/12/2023	13:30:00	0.96	0.78	1.05	0.11
9/12/2023	13:45:00	0.88	1.05	1.05	0.18
9/12/2023	14:00:00	1.09	0.76	0.91	0.19
9/12/2023	14:15:00	0.94	0.58	1.02	0.19
9/12/2023	14:30:00	1.10	0.81	1.00	0.20
9/12/2023	14:45:00	0.94	0.82	1.15	0.08
9/12/2023	15:00:00	1.14	0.69	1.53	0.16
9/12/2023	15:15:00	0.95	0.75	1.47	0.23
9/12/2023	15:30:00	0.79	0.62	1.58	0.18
9/12/2023	15:45:00	0.82	0.32	1.36	0.19
9/12/2023	16:00:00	0.78	0.27	1.37	0.20
9/12/2023	16:15:00	0.86	0.87	1.60	0.21
9/12/2023	16:30:00	0.88	0.84	1.65	0.24
9/12/2023	16:45:00	0.82	0.36	1.67	0.19
9/12/2023	17:00:00	0.78	0.64	1.44	0.21
9/12/2023	17:15:00	0.81	0.68	1.42	0.18
9/12/2023	17:30:00	1.00	0.61	1.56	0.10
9/12/2023	17:45:00	1.25	0.69	1.39	0.11
9/12/2023	18:00:00	1.04	0.63	1.18	0.10
9/12/2023	18:15:00	0.78	0.07	1.15	0.01
9/12/2023	18:30:00	1.04	0.49	0.77	0.01
9/12/2023	18:45:00	0.99	0.45	0.63	0.00
9/12/2023	19:00:00	0.87	0.23	0.61	0.00
9/12/2023	19:15:00	0.91	0.00	1.31	0.00
9/12/2023	19:30:00	0.75	0.47	1.13	0.00
9/12/2023	19:45:00	0.74	0.11	1.16	0.00
9/12/2023	20:00:00	0.64	0.04	0.74	0.00
9/12/2023	20:15:00	0.61	0.06	0.71	0.00
9/12/2023	20:30:00	0.47	0.22	0.56	0.00
9/12/2023	20:45:00	0.35	0.14	0.68	0.00
9/12/2023	21:00:00	0.41	0.00	0.41	0.00
9/12/2023	21:15:00	0.18	0.03	0.46	0.00
9/12/2023	21:30:00	0.24	0.00	0.35	0.00
9/12/2023	21:45:00	0.23	0.04	0.01	0.00
9/12/2023	22:00:00	0.04	0.03	0.12	0.00
9/12/2023	22:15:00	0.05	0.00	0.07	0.00
9/12/2023	22:30:00	0.21	0.00	0.14	0.00
9/12/2023	22:45:00	0.09	0.00	0.03	0.00
9/12/2023	23:00:00	0.05	0.01	0.01	0.00
9/12/2023	23:15:00	0.02	0.00	0.13	0.00
9/12/2023	23:30:00	0.00	0.00	0.10	--
9/12/2023	23:45:00	0.00	0.02	0.16	0.00

Note: Data has not been validated

September 10 - 16, 2023

Date	Time	DO (mg/L)			
		Ambient	W TB4	S 3SB	N USB
9/13/2023	0:00:00	0.00	0.00	0.00	0.00
9/13/2023	0:15:00	0.03	0.00	0.00	0.00
9/13/2023	0:30:00	0.00	0.00	0.00	0.00
9/13/2023	0:45:00	0.03	0.00	0.05	0.00
9/13/2023	1:00:00	0.00	0.00	0.00	0.00
9/13/2023	1:15:00	0.00	0.00	0.01	0.00
9/13/2023	1:30:00	0.00	0.00	0.49	0.00
9/13/2023	1:45:00	0.01	0.00	0.00	0.00
9/13/2023	2:00:00	0.00	0.00	0.03	0.00
9/13/2023	2:15:00	0.00	0.00	0.01	0.00
9/13/2023	2:30:00	0.03	0.00	0.00	0.00
9/13/2023	2:45:00	0.01	0.00	0.00	0.00
9/13/2023	3:00:00	0.00	0.00	0.00	0.00
9/13/2023	3:15:00	0.00	0.00	0.00	0.00
9/13/2023	3:30:00	0.00	0.00	0.00	0.00
9/13/2023	3:45:00	0.00	0.00	0.00	0.00
9/13/2023	4:00:00	0.00	0.00	0.16	0.00
9/13/2023	4:15:00	0.00	0.00	0.04	0.00
9/13/2023	4:30:00	0.00	0.00	0.06	0.00
9/13/2023	4:45:00	0.00	0.00	0.03	0.00
9/13/2023	5:00:00	0.00	0.00	0.00	0.00
9/13/2023	5:15:00	0.00	0.00	0.12	0.00
9/13/2023	5:30:00	0.00	0.00	0.08	0.00
9/13/2023	5:45:00	0.00	0.00	0.23	0.00
9/13/2023	6:00:00	0.00	0.00	0.35	0.00
9/13/2023	6:15:00	0.00	0.00	0.22	0.00
9/13/2023	6:30:00	0.00	0.00	0.38	0.00
9/13/2023	6:45:00	0.00	0.00	0.17	0.00
9/13/2023	7:00:00	0.00	0.04	0.23	0.00
9/13/2023	7:15:00	0.00	0.22	0.24	0.00
9/13/2023	7:30:00	0.00	0.08	0.32	0.00
9/13/2023	7:45:00	0.00	0.53	0.53	0.00
9/13/2023	8:00:00	0.00	0.34	0.50	0.04
9/13/2023	8:15:00	0.02	0.32	0.63	0.03
9/13/2023	8:30:00	0.71	0.25	0.56	0.00
9/13/2023	8:45:00	0.10	0.18	0.44	0.00
9/13/2023	9:00:00	0.25	0.64	0.34	0.01
9/13/2023	9:15:00	0.44	0.54	--	0.00
9/13/2023	9:30:00	0.34	0.46	0.54	0.00
9/13/2023	9:45:00	0.29	0.43	0.46	0.09
9/13/2023	10:00:00	0.43	0.36	0.42	0.00
9/13/2023	10:15:00	0.29	0.42	0.27	0.00
9/13/2023	10:30:00	0.39	0.11	0.32	0.00
9/13/2023	10:45:00	0.14	0.21	0.49	0.00
9/13/2023	11:00:00	0.27	0.05	0.33	0.00
9/13/2023	11:15:00	0.23	0.00	0.03	0.00
9/13/2023	11:30:00	0.10	0.02	0.04	0.00
9/13/2023	11:45:00	0.05	0.00	0.10	0.00

Note: Data has not been validated

September 10 - 16, 2023

Date	Time	DO (mg/L)			
		Ambient	W TB4	S 3SB	N USB
9/13/2023	12:00:00	0.04	0.09	0.14	0.00
9/13/2023	12:15:00	0.02	0.00	0.16	0.00
9/13/2023	12:30:00	0.09	0.23	0.13	0.00
9/13/2023	12:45:00	0.15	0.00	0.08	--
9/13/2023	13:00:00	0.27	0.00	0.28	0.00
9/13/2023	13:15:00	0.38	0.00	0.00	0.00
9/13/2023	13:30:00	0.20	0.17	0.14	0.00
9/13/2023	13:45:00	0.31	0.00	0.17	0.00
9/13/2023	14:00:00	0.18	0.09	0.20	0.00
9/13/2023	14:15:00	0.36	0.00	0.21	0.00
9/13/2023	14:30:00	0.70	0.35	0.05	0.00
9/13/2023	14:45:00	0.69	0.05	0.08	0.01
9/13/2023	15:00:00	0.00	0.00	0.15	0.00
9/13/2023	15:15:00	0.00	0.04	0.45	0.00
9/13/2023	15:30:00	0.00	0.17	0.61	0.00
9/13/2023	15:45:00	0.00	0.01	0.93	0.00
9/13/2023	16:00:00	0.00	0.06	0.78	0.00
9/13/2023	16:15:00	0.00	0.16	0.40	0.00
9/13/2023	16:30:00	0.00	0.32	0.38	0.00
9/13/2023	16:45:00	0.00	0.45	0.69	0.00
9/13/2023	17:00:00	0.01	0.44	0.85	0.00
9/13/2023	17:15:00	0.02	0.06	0.74	0.00
9/13/2023	17:30:00	0.00	0.07	1.23	0.00
9/13/2023	17:45:00	0.00	0.00	0.92	0.00
9/13/2023	18:00:00	0.00	0.00	0.60	0.00
9/13/2023	18:15:00	0.00	0.00	0.31	0.00
9/13/2023	18:30:00	0.00	0.00	0.01	0.00
9/13/2023	18:45:00	0.00	0.00	0.00	0.00
9/13/2023	19:00:00	0.00	0.00	0.00	0.00
9/13/2023	19:15:00	0.00	0.00	0.03	0.00
9/13/2023	19:30:00	0.00	0.01	0.01	0.00
9/13/2023	19:45:00	0.00	0.00	0.00	0.00
9/13/2023	20:00:00	0.00	0.00	0.00	0.00
9/13/2023	20:15:00	0.00	0.00	0.00	0.00
9/13/2023	20:30:00	0.00	0.00	0.00	0.00
9/13/2023	20:45:00	0.00	0.00	0.00	0.00
9/13/2023	21:00:00	0.00	0.00	0.00	0.00
9/13/2023	21:15:00	0.00	0.00	0.00	0.00
9/13/2023	21:30:00	0.00	0.00	0.00	0.00
9/13/2023	21:45:00	0.00	0.00	0.00	0.00
9/13/2023	22:00:00	0.00	0.00	0.00	0.00
9/13/2023	22:15:00	0.00	0.00	0.00	0.00
9/13/2023	22:30:00	0.00	0.00	0.00	0.00
9/13/2023	22:45:00	0.00	0.00	0.00	0.00
9/13/2023	23:00:00	0.00	0.00	0.00	0.00
9/13/2023	23:15:00	0.00	0.00	0.00	0.00
9/13/2023	23:30:00	0.00	0.00	0.00	0.00
9/13/2023	23:45:00	0.00	0.00	0.00	0.00

Note: Data has not been validated

September 10 - 16, 2023

Date	Time	DO (mg/L)			
		Ambient	W TB4	S 3SB	N USB
9/14/2023	0:00:00	0.00	0.00	0.00	0.00
9/14/2023	0:15:00	0.00	0.00	0.00	0.00
9/14/2023	0:30:00	0.00	0.00	0.00	0.00
9/14/2023	0:45:00	0.00	0.00	0.00	0.00
9/14/2023	1:00:00	0.00	0.00	0.00	0.00
9/14/2023	1:15:00	0.00	0.00	0.00	0.00
9/14/2023	1:30:00	0.00	0.00	0.00	0.00
9/14/2023	1:45:00	0.00	0.00	0.00	0.00
9/14/2023	2:00:00	0.00	0.00	0.00	0.00
9/14/2023	2:15:00	0.00	0.00	0.00	0.00
9/14/2023	2:30:00	0.00	0.00	0.00	0.00
9/14/2023	2:45:00	0.00	0.00	0.00	0.00
9/14/2023	3:00:00	0.39	0.00	0.00	--
9/14/2023	3:15:00	0.00	0.00	0.00	0.00
9/14/2023	3:30:00	0.20	0.00	0.00	0.00
9/14/2023	3:45:00	0.00	0.00	0.00	0.00
9/14/2023	4:00:00	0.03	0.00	0.00	0.00
9/14/2023	4:15:00	0.01	0.00	0.00	0.00
9/14/2023	4:30:00	0.00	0.00	0.00	0.00
9/14/2023	4:45:00	0.00	0.00	0.00	0.00
9/14/2023	5:00:00	0.00	0.00	0.00	0.00
9/14/2023	5:15:00	0.00	0.00	0.00	0.00
9/14/2023	5:30:00	0.00	0.00	0.00	0.00
9/14/2023	5:45:00	0.00	0.00	0.00	0.00
9/14/2023	6:00:00	0.00	0.00	0.00	0.00
9/14/2023	6:15:00	0.00	0.00	0.00	0.00
9/14/2023	6:30:00	0.00	0.00	0.00	0.00
9/14/2023	6:45:00	0.00	0.00	0.00	0.00
9/14/2023	7:00:00	0.00	0.00	0.00	0.00
9/14/2023	7:15:00	0.00	0.00	0.00	0.00
9/14/2023	7:30:00	0.00	0.00	0.00	0.00
9/14/2023	7:45:00	0.07	0.00	0.00	0.00
9/14/2023	8:00:00	0.00	0.00	0.00	0.00
9/14/2023	8:15:00	0.47	0.00	0.00	0.00
9/14/2023	8:30:00	0.21	0.45	0.70	0.00
9/14/2023	8:45:00	0.02	0.78	0.19	0.00
9/14/2023	9:00:00	0.00	0.66	0.21	0.00
9/14/2023	9:15:00	0.01	0.81	0.80	0.00
9/14/2023	9:30:00	0.00	0.64	0.30	0.00
9/14/2023	9:45:00	0.00	0.54	0.59	0.00
9/14/2023	10:00:00	0.00	0.68	0.10	0.00
9/14/2023	10:15:00	0.23	0.62	0.54	0.00
9/14/2023	10:30:00	0.70	0.65	0.06	0.00
9/14/2023	10:45:00	0.72	0.51	0.02	0.00
9/14/2023	11:00:00	0.65	0.56	0.00	0.00
9/14/2023	11:15:00	0.35	0.44	0.00	0.00
9/14/2023	11:30:00	0.15	0.48	0.00	0.00
9/14/2023	11:45:00	0.29	0.51	0.00	0.00

Note: Data has not been validated

September 10 - 16, 2023

Date	Time	DO (mg/L)			
		Ambient	W TB4	S 3SB	N USB
9/14/2023	12:00:00	0.67	0.30	0.00	0.00
9/14/2023	12:15:00	0.57	0.29	0.00	0.00
9/14/2023	12:30:00	0.59	0.24	0.00	0.00
9/14/2023	12:45:00	0.70	0.21	0.00	0.00
9/14/2023	13:00:00	0.46	0.22	0.00	0.00
9/14/2023	13:15:00	0.63	0.09	0.00	0.00
9/14/2023	13:30:00	0.67	0.00	0.00	0.00
9/14/2023	13:45:00	0.53	0.00	0.00	0.00
9/14/2023	14:00:00	0.64	0.03	0.00	0.00
9/14/2023	14:15:00	0.69	0.05	0.00	0.00
9/14/2023	14:30:00	0.61	0.35	0.00	0.00
9/14/2023	14:45:00	0.54	0.57	0.00	0.00
9/14/2023	15:00:00	0.32	0.29	0.00	0.00
9/14/2023	15:15:00	0.26	0.29	0.00	0.00
9/14/2023	15:30:00	0.22	0.45	0.11	--
9/14/2023	15:45:00	0.20	0.43	0.09	0.00
9/14/2023	16:00:00	0.27	0.47	0.27	0.00
9/14/2023	16:15:00	0.29	0.33	0.62	0.00
9/14/2023	16:30:00	0.23	0.45	0.42	0.00
9/14/2023	16:45:00	0.26	0.39	0.63	0.00
9/14/2023	17:00:00	0.14	0.68	0.83	0.00
9/14/2023	17:15:00	0.14	0.88	1.03	0.00
9/14/2023	17:30:00	0.12	0.57	1.05	0.00
9/14/2023	17:45:00	0.06	0.36	0.87	0.00
9/14/2023	18:00:00	0.00	0.31	1.18	0.00
9/14/2023	18:15:00	0.03	0.25	1.06	0.00
9/14/2023	18:30:00	0.04	0.18	1.01	0.00
9/14/2023	18:45:00	0.04	0.25	0.82	0.00
9/14/2023	19:00:00	0.00	0.53	0.49	0.00
9/14/2023	19:15:00	0.00	0.36	0.13	0.00
9/14/2023	19:30:00	0.04	0.25	0.06	0.00
9/14/2023	19:45:00	0.00	0.23	0.00	0.00
9/14/2023	20:00:00	0.04	0.15	0.00	0.00
9/14/2023	20:15:00	0.04	0.30	0.00	0.00
9/14/2023	20:30:00	0.01	0.17	0.00	0.00
9/14/2023	20:45:00	0.14	0.16	0.00	0.00
9/14/2023	21:00:00	0.93	0.17	0.00	0.00
9/14/2023	21:15:00	2.40	0.22	0.00	0.00
9/14/2023	21:30:00	0.50	0.12	0.00	0.00
9/14/2023	21:45:00	0.95	0.19	0.00	0.00
9/14/2023	22:00:00	2.59	0.06	0.00	0.00
9/14/2023	22:15:00	2.13	0.03	0.00	0.00
9/14/2023	22:30:00	2.21	0.10	0.00	0.00
9/14/2023	22:45:00	2.21	0.14	0.00	0.00
9/14/2023	23:00:00	1.47	0.21	0.00	0.00
9/14/2023	23:15:00	1.57	0.03	0.00	0.00
9/14/2023	23:30:00	2.05	0.00	0.00	0.00
9/14/2023	23:45:00	2.26	0.12	0.00	0.00

Note: Data has not been validated

September 10 - 16, 2023

Date	Time	DO (mg/L)			
		Ambient	W TB4	S 3SB	N USB
9/15/2023	0:00:00	1.69	0.00	0.00	0.00
9/15/2023	0:15:00	1.99	0.00	0.00	0.00
9/15/2023	0:30:00	1.97	0.00	0.00	0.00
9/15/2023	0:45:00	1.21	0.00	0.00	0.00
9/15/2023	1:00:00	1.84	0.00	0.00	0.00
9/15/2023	1:15:00	1.29	0.00	0.00	0.00
9/15/2023	1:30:00	1.97	0.00	0.00	0.00
9/15/2023	1:45:00	1.96	0.00	0.00	0.00
9/15/2023	2:00:00	1.91	0.00	0.00	0.00
9/15/2023	2:15:00	1.91	0.00	0.00	0.00
9/15/2023	2:30:00	1.75	0.00	0.00	0.00
9/15/2023	2:45:00	1.44	0.00	0.00	0.00
9/15/2023	3:00:00	1.50	0.00	0.00	0.00
9/15/2023	3:15:00	1.42	0.00	0.00	0.00
9/15/2023	3:30:00	1.43	0.00	0.00	0.00
9/15/2023	3:45:00	1.51	0.00	0.00	0.00
9/15/2023	4:00:00	1.48	0.00	0.00	0.00
9/15/2023	4:15:00	0.78	0.00	0.00	0.00
9/15/2023	4:30:00	0.00	0.00	0.00	0.00
9/15/2023	4:45:00	0.00	0.00	0.00	--
9/15/2023	5:00:00	0.00	0.00	0.00	0.00
9/15/2023	5:15:00	0.00	0.00	0.00	0.00
9/15/2023	5:30:00	0.00	0.00	0.00	0.00
9/15/2023	5:45:00	0.00	0.00	0.00	0.00
9/15/2023	6:00:00	0.00	0.00	0.00	0.00
9/15/2023	6:15:00	0.00	0.00	0.00	0.00
9/15/2023	6:30:00	0.00	0.00	0.00	0.00
9/15/2023	6:45:00	0.00	0.00	0.00	0.00
9/15/2023	7:00:00	0.00	0.00	0.00	0.00
9/15/2023	7:15:00	0.00	0.00	0.00	0.00
9/15/2023	7:30:00	0.00	0.00	0.00	0.00
9/15/2023	7:45:00	0.00	0.00	0.00	0.00
9/15/2023	8:00:00	0.00	0.00	0.00	0.00
9/15/2023	8:15:00	0.00	0.00	0.00	0.00
9/15/2023	8:30:00	0.00	0.00	0.04	0.00
9/15/2023	8:45:00	0.00	0.23	0.18	0.00
9/15/2023	9:00:00	0.00	0.43	0.00	0.00
9/15/2023	9:15:00	0.00	0.24	0.02	0.00
9/15/2023	9:30:00	0.00	0.23	0.00	0.00
9/15/2023	9:45:00	0.00	0.27	0.00	0.00
9/15/2023	10:00:00	0.00	0.14	0.00	0.00
9/15/2023	10:15:00	0.00	0.08	0.00	0.00
9/15/2023	10:30:00	0.00	0.06	0.00	0.00
9/15/2023	10:45:00	0.00	0.00	0.00	0.00
9/15/2023	11:00:00	0.00	0.00	0.00	0.00
9/15/2023	11:15:00	0.00	0.01	0.00	0.00
9/15/2023	11:30:00	0.00	0.00	0.00	0.00
9/15/2023	11:45:00	0.00	0.00	0.00	0.00

Note: Data has not been validated

September 10 - 16, 2023

Date	Time	DO (mg/L)			
		Ambient	W TB4	S 3SB	N USB
9/15/2023	12:00:00	0.09	0.00	0.00	0.00
9/15/2023	12:15:00	0.00	0.00	0.00	0.00
9/15/2023	12:30:00	0.00	0.00	0.00	0.00
9/15/2023	12:45:00	0.27	0.00	0.00	0.00
9/15/2023	13:00:00	0.24	0.00	0.00	0.00
9/15/2023	13:15:00	0.77	0.00	0.00	0.00
9/15/2023	13:30:00	0.02	0.00	0.00	0.00
9/15/2023	13:45:00	0.00	0.00	0.00	0.00
9/15/2023	14:00:00	0.05	0.00	0.00	0.00
9/15/2023	14:15:00	0.81	0.00	0.00	0.00
9/15/2023	14:30:00	1.45	0.00	0.00	0.00
9/15/2023	14:45:00	1.72	0.00	0.05	0.00
9/15/2023	15:00:00	1.55	0.00	0.00	0.00
9/15/2023	15:15:00	1.66	0.00	0.00	0.00
9/15/2023	15:30:00	1.72	0.00	0.00	0.00
9/15/2023	15:45:00	2.08	0.00	0.00	0.00
9/15/2023	16:00:00	2.37	0.00	0.00	0.00
9/15/2023	16:15:00	2.40	0.00	0.00	0.00
9/15/2023	16:30:00	2.56	0.00	0.00	0.00
9/15/2023	16:45:00	2.12	0.00	0.00	0.00
9/15/2023	17:00:00	2.18	0.00	0.00	0.00
9/15/2023	17:15:00	2.56	0.00	0.00	0.00
9/15/2023	17:30:00	2.69	0.00	0.00	0.00
9/15/2023	17:45:00	2.56	0.00	0.00	0.00
9/15/2023	18:00:00	2.59	0.00	0.00	0.00
9/15/2023	18:15:00	2.71	0.03	0.00	--
9/15/2023	18:30:00	1.21	0.00	0.07	0.00
9/15/2023	18:45:00	0.04	0.03	0.00	0.00
9/15/2023	19:00:00	2.28	0.06	0.00	0.00
9/15/2023	19:15:00	2.07	0.07	0.00	0.00
9/15/2023	19:30:00	0.51	0.07	0.00	0.00
9/15/2023	19:45:00	1.84	0.03	0.00	0.00
9/15/2023	20:00:00	1.90	0.00	0.00	0.00
9/15/2023	20:15:00	1.94	0.00	0.00	0.00
9/15/2023	20:30:00	1.46	0.00	0.00	0.00
9/15/2023	20:45:00	1.68	0.00	0.00	0.00
9/15/2023	21:00:00	1.60	0.00	0.00	0.00
9/15/2023	21:15:00	1.44	0.00	0.00	0.00
9/15/2023	21:30:00	1.58	0.00	0.00	0.00
9/15/2023	21:45:00	1.63	0.00	0.00	0.00
9/15/2023	22:00:00	1.52	0.00	0.00	0.00
9/15/2023	22:15:00	1.32	0.00	0.00	0.00
9/15/2023	22:30:00	1.28	0.00	0.00	0.00
9/15/2023	22:45:00	1.27	0.00	0.00	0.00
9/15/2023	23:00:00	1.27	0.00	0.00	0.00
9/15/2023	23:15:00	1.23	0.00	0.00	0.00
9/15/2023	23:30:00	1.13	0.00	0.00	0.00
9/15/2023	23:45:00	1.06	0.00	0.00	0.00

Note: Data has not been validated

September 10 - 16, 2023

Date	Time	DO (mg/L)			
		Ambient	W TB4	S 3SB	N USB
9/16/2023	0:00:00	1.12	0.00	0.00	0.00
9/16/2023	0:15:00	1.06	0.00	0.00	0.00
9/16/2023	0:30:00	1.11	0.00	0.00	0.00
9/16/2023	0:45:00	1.02	0.00	0.00	0.00
9/16/2023	1:00:00	1.07	0.00	0.00	0.00
9/16/2023	1:15:00	1.02	0.00	0.00	0.00
9/16/2023	1:30:00	1.10	0.00	0.00	0.00
9/16/2023	1:45:00	0.96	0.00	0.00	0.00
9/16/2023	2:00:00	1.00	0.00	0.00	0.00
9/16/2023	2:15:00	1.00	0.00	0.00	0.00
9/16/2023	2:30:00	0.77	0.00	0.00	0.00
9/16/2023	2:45:00	0.87	0.00	0.00	0.00
9/16/2023	3:00:00	0.78	0.00	0.00	0.00
9/16/2023	3:15:00	0.80	0.00	0.00	0.00
9/16/2023	3:30:00	0.87	0.00	0.00	0.00
9/16/2023	3:45:00	0.79	0.00	0.00	0.00
9/16/2023	4:00:00	0.74	0.00	0.00	0.00
9/16/2023	4:15:00	0.79	0.00	0.00	0.00
9/16/2023	4:30:00	0.84	0.00	0.00	0.00
9/16/2023	4:45:00	0.77	0.00	0.00	0.00
9/16/2023	5:00:00	0.72	0.00	0.00	0.00
9/16/2023	5:15:00	0.77	0.00	0.00	0.00
9/16/2023	5:30:00	0.71	0.00	0.00	0.00
9/16/2023	5:45:00	0.78	0.00	0.00	0.00
9/16/2023	6:00:00	0.68	0.00	0.00	0.00
9/16/2023	6:15:00	0.65	0.00	0.00	0.00
9/16/2023	6:30:00	0.61	0.00	0.00	0.00
9/16/2023	6:45:00	0.44	0.00	0.00	0.00
9/16/2023	7:00:00	0.47	0.00	0.00	0.00
9/16/2023	7:15:00	0.50	0.00	0.00	0.00
9/16/2023	7:30:00	0.44	0.00	0.00	--
9/16/2023	7:45:00	0.19	0.00	0.00	0.00
9/16/2023	8:00:00	0.55	0.00	0.00	0.00
9/16/2023	8:15:00	0.57	0.00	0.00	0.00
9/16/2023	8:30:00	0.60	0.00	0.00	0.00
9/16/2023	8:45:00	0.60	0.00	0.00	0.00
9/16/2023	9:00:00	0.62	0.00	0.00	0.00
9/16/2023	9:15:00	0.64	0.00	0.00	0.00
9/16/2023	9:30:00	0.87	0.00	0.00	0.00
9/16/2023	9:45:00	0.80	0.00	0.00	0.00
9/16/2023	10:00:00	0.89	0.00	0.00	0.00
9/16/2023	10:15:00	0.89	0.00	0.00	0.00
9/16/2023	10:30:00	1.08	0.00	0.00	0.00
9/16/2023	10:45:00	1.11	0.00	0.00	0.00
9/16/2023	11:00:00	1.20	0.00	0.00	0.00
9/16/2023	11:15:00	1.19	0.00	0.00	0.00
9/16/2023	11:30:00	1.10	0.00	0.00	0.00
9/16/2023	11:45:00	1.01	0.00	0.00	0.00

Note: Data has not been validated

September 10 - 16, 2023

Date	Time	DO (mg/L)			
		Ambient	W TB4	S 3SB	N USB
9/16/2023	12:00:00	0.27	0.00	0.00	0.00
9/16/2023	12:15:00	0.35	0.00	0.00	0.00
9/16/2023	12:30:00	0.07	0.00	0.00	0.00
9/16/2023	12:45:00	0.07	0.00	0.00	0.00
9/16/2023	13:00:00	1.04	0.00	0.00	0.00
9/16/2023	13:15:00	1.17	0.00	0.00	0.00
9/16/2023	13:30:00	1.37	0.00	0.00	0.00
9/16/2023	13:45:00	1.39	0.00	0.00	0.00
9/16/2023	14:00:00	1.50	0.00	0.00	0.00
9/16/2023	14:15:00	1.38	0.00	0.00	0.00
9/16/2023	14:30:00	0.21	0.00	0.00	0.00
9/16/2023	14:45:00	0.12	0.00	0.00	0.00
9/16/2023	15:00:00	0.13	0.00	0.00	0.00
9/16/2023	15:15:00	0.18	0.00	0.00	0.00
9/16/2023	15:30:00	0.19	0.00	0.00	0.00
9/16/2023	15:45:00	0.63	0.00	0.00	0.00
9/16/2023	16:00:00	0.87	0.00	0.00	0.00
9/16/2023	16:15:00	1.03	0.00	0.00	0.00
9/16/2023	16:30:00	1.01	0.00	0.00	0.00
9/16/2023	16:45:00	0.17	0.00	0.00	0.00
9/16/2023	17:00:00	1.80	0.00	0.00	0.00
9/16/2023	17:15:00	1.43	0.00	0.00	0.00
9/16/2023	17:30:00	0.48	0.00	0.00	0.00
9/16/2023	17:45:00	1.24	0.00	0.00	0.00
9/16/2023	18:00:00	0.62	0.00	0.00	0.00
9/16/2023	18:15:00	1.04	0.00	0.00	0.00
9/16/2023	18:30:00	0.25	0.00	0.00	0.00
9/16/2023	18:45:00	0.00	0.00	0.00	0.00
9/16/2023	19:00:00	0.45	0.00	0.00	0.00
9/16/2023	19:15:00	0.35	0.00	0.00	0.00
9/16/2023	19:30:00	0.00	0.01	0.00	0.00
9/16/2023	19:45:00	0.00	0.00	0.00	0.00
9/16/2023	20:00:00	0.03	0.00	0.00	0.00
9/16/2023	20:15:00	0.05	0.00	0.00	0.00
9/16/2023	20:30:00	0.26	0.00	0.00	0.00
9/16/2023	20:45:00	0.22	0.00	0.00	0.00
9/16/2023	21:00:00	0.36	0.00	0.00	0.00
9/16/2023	21:15:00	0.19	0.00	0.00	0.00
9/16/2023	21:30:00	0.32	0.00	0.00	0.00
9/16/2023	21:45:00	0.25	0.00	0.00	0.00
9/16/2023	22:00:00	0.39	0.00	0.00	0.00
9/16/2023	22:15:00	0.20	0.00	0.00	--
9/16/2023	22:30:00	0.34	0.00	0.00	0.00
9/16/2023	22:45:00	0.40	0.00	0.00	0.00
9/16/2023	23:00:00	0.39	0.00	0.00	0.00
9/16/2023	23:15:00	0.54	0.00	0.00	0.00
9/16/2023	23:30:00	0.39	0.00	0.00	0.00
9/16/2023	23:45:00	0.47	0.00	0.00	0.00

Note: Data has not been validated