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

PERIOD: August 31, 2026 – September 4, 2026

Date of Report: September 8, 2026

Report Contents

- Scope of Monitoring
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1. SCOPE OF MONITORING

1.1 Buoy Locations

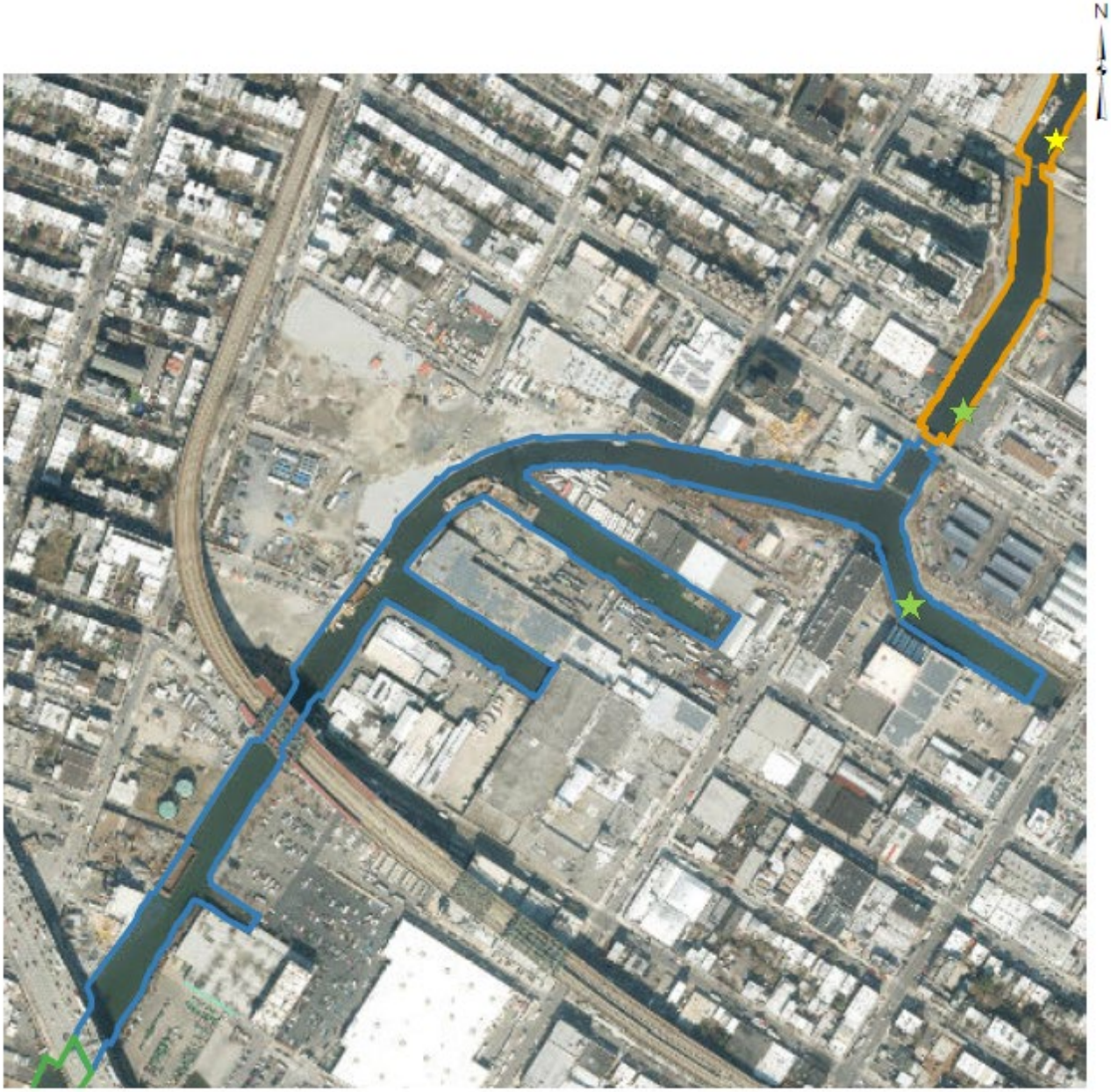
In accordance with the Water Quality Monitoring Plan for In-waterway Construction Activities (WQMP) issued March 27, 2024, buoys equipped with multi-parameter water quality sondes were deployed to monitor turbidity related to RTA2 construction activities. Buoys were deployed in the Fourth Street Turning Basin (TB4) to monitor background turbidity unaffected by in-water construction activities and north of the Carroll Street Bridge, which is referred to as the ambient buoy. A sentinel buoy was deployed north of 3rd Street Bridge (3SB), along the west bulkhead. A sentinel buoy was deployed north of 9th Street Bridge (9SB), 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 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. Data collected during this monitoring period is included in Appendix A.

1.2 Monitoring Adjustments During Construction This Period

Section 1.2 describes monitoring adjustments made to buoys and sondes during this monitoring period. All adjustments outside of this monitoring period are archived in Appendix B.

- No adjustments were made this reporting period.



Legend

- Ambient Buoy
- Sentinel Buoy
- RTA1
- RTA2
- RTA3

300 150 0 300 Feet

RTA2 Buoy Locations

Gowanus Canal, Brooklyn, NY

B&B Engineers & Geologists of new york, p.c.

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Brooklyn, NY | 07 July 2026

Figure 1

1.3 Current Reporting Period Scope of Monitoring

During the week of August 31, 2026, a maximum of three buoys equipped with multi-parameter water quality sondes were deployed as described in Section 1.2 and shown in Figure 1. The Ambient buoy is deployed along the eastern bulkhead wall, approximately 50 feet north of Carroll Street bridge, the third street sentinel buoy (3SB) is deployed approximately 210 feet north of the Third Street Bridge, and the TB4 sentinel buoy is deployed approximately 185 feet into the Fourth Street Turning Basin.

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.

Visual observations of turbidity and sheen are summarized in Section 4.

1.4 Meteorological Conditions

The weather conditions onsite were as follows:

Meteorological Parameters	8/31/2026	9/1/2026	9/2/2026	9/3/2026	9/4/2026
Wind Direction (from)	S	NE	NE	SW	NW
Wind Speed (mph)	4.7	5.6	2.1	4.1	5.3
Temperature (^oF)	73.6	68.0	70.4	82.7	79.7
Humidity (%)	75.0	96.8	95.1	69.7	67.0
Barometric Pressure (inHg)	30.00	29.97	30.00	29.80	29.77
Precipitation (Inch)	0.000	0.000	0.004	0.000	0.000

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 (ft)	Preliminary (ft)	Tide
8/31/2026	4:52 AM	-2.68	-2.97	Low
8/31/2026	10:43 AM	2.58	2.77	High
8/31/2026	5:22 PM	-2.3	-2.31	Low
8/31/2026	11:03 PM	2.17	2.58	High
9/1/2026	5:27 AM	-2.57	-2.28	Low
9/1/2026	11:28 AM	2.64	3.17	High
9/1/2026	6:08 PM	-2.15	-1.74	Low
9/1/2026	11:55 PM	1.93	2.99	High
9/2/2026	6:06 AM	-2.4	-1.53	Low
9/2/2026	12:20 PM	2.64	3.53	High
9/2/2026	7:05 PM	-1.95	-1.32	Low
9/3/2026	12:55 AM	1.71	2.61	High
9/3/2026	6:54 AM	-2.17	-1.53	Low
9/3/2026	1:20 PM	2.6	3.19	High
9/3/2026	8:17 PM	-1.79	-1.26	Low
9/4/2026	1:59 AM	1.56	2.51	High
9/4/2026	8:02 AM	-1.96	-1.9	Low
9/4/2026	2:23 PM	2.55	3.36	High
9/4/2026	9:33 PM	-1.8	-0.95	Low

Table 2 - NOAA Preliminary observations and predictions.

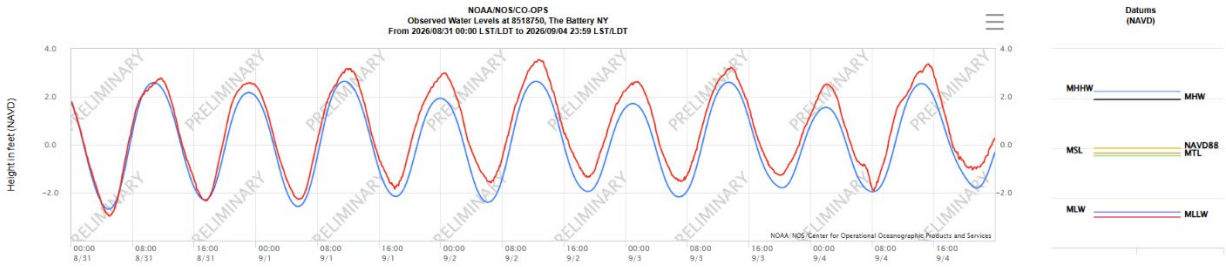

Figure 2 - Tidal Chart for reporting period.

2. REPORT OF EXCEEDANCES

No exceedances attributed to in-water construction activities were recorded during the monitoring period.

- **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 Environmental Protection Agency (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

Turbidity data collected during the monitoring period indicated no exceedances of the trigger or action criteria attributable to in-water construction activities.

Elevated readings were recorded by the Ambient sonde on August 31 from 07:00 to 13:00; September 1 from 07:00 to 08:30 and 13:30 to 14:30; September 2 from 07:00 to 08:30; September 3 from 07:00 to 08:00 and 10:30 to 12:30; and September 4 from 10:30 to 15:30. During these time frames, the trigger and action criteria were set at 20 NTU and 40 NTU, respectively. There were no in-water construction activities in the vicinity of the Ambient sonde during the periods of elevated readings. These elevated readings are attributable to natural environmental factors, such as sediment resuspension, biological activity, stormwater influences or fouling.

Elevated readings were recorded at the TB4 sentinel buoy on September 3 from 07:00 to 12:30 and on September 4 from 11:00 to 15:30. Construction activities in the vicinity during these periods included tieback assembly close-out items at 186 3rd Street and 176 3rd Street. However, because elevated readings occurred either before or after work in this area, they are not attributed to in-water construction activities.

Data during working hours for this reporting period is shown in Figures 3 through 6.

3.1 August 31, 2026

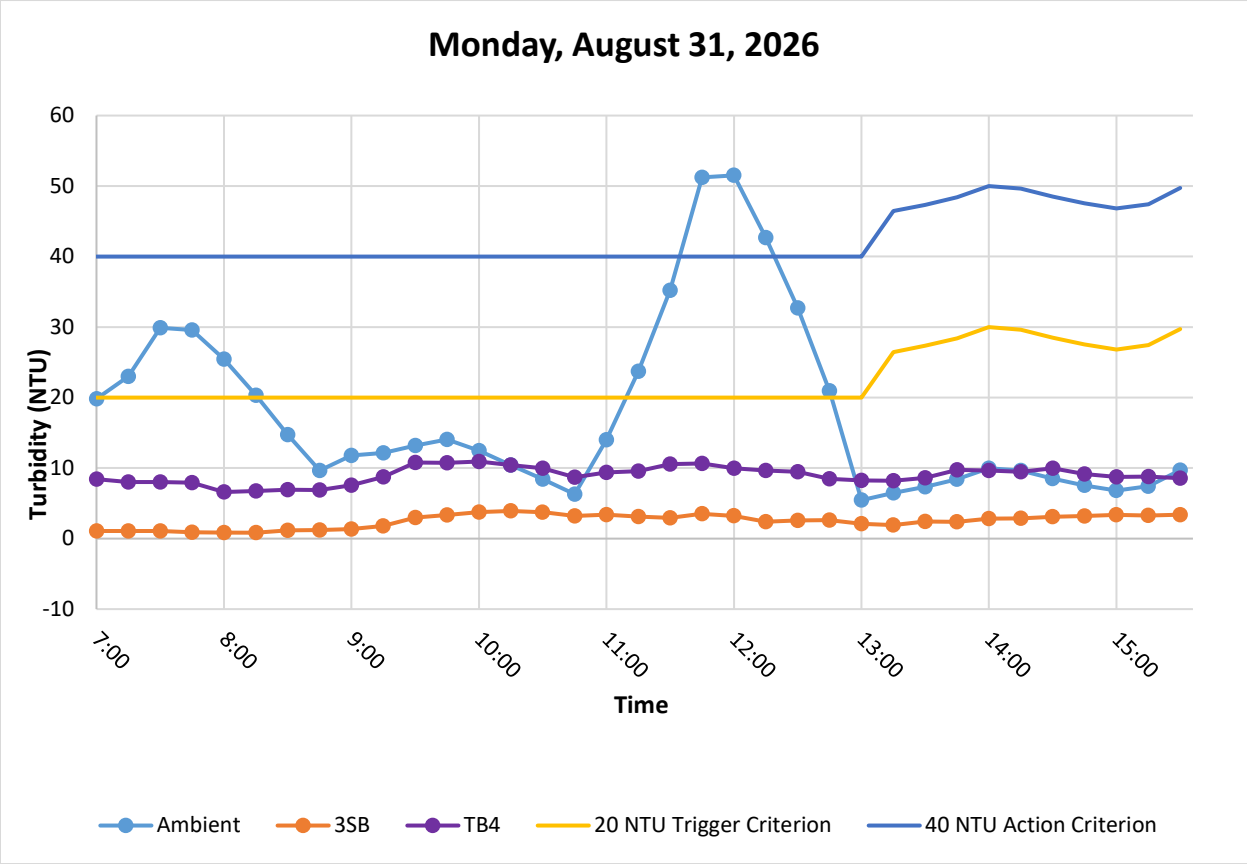

Figure 3. Hourly rolling average turbidity readings from 7:00 to 15:30. Elevated Ambient readings were not associated with in-water construction activities; see Section 3.0 for discussion.

3.2 September 1, 2026

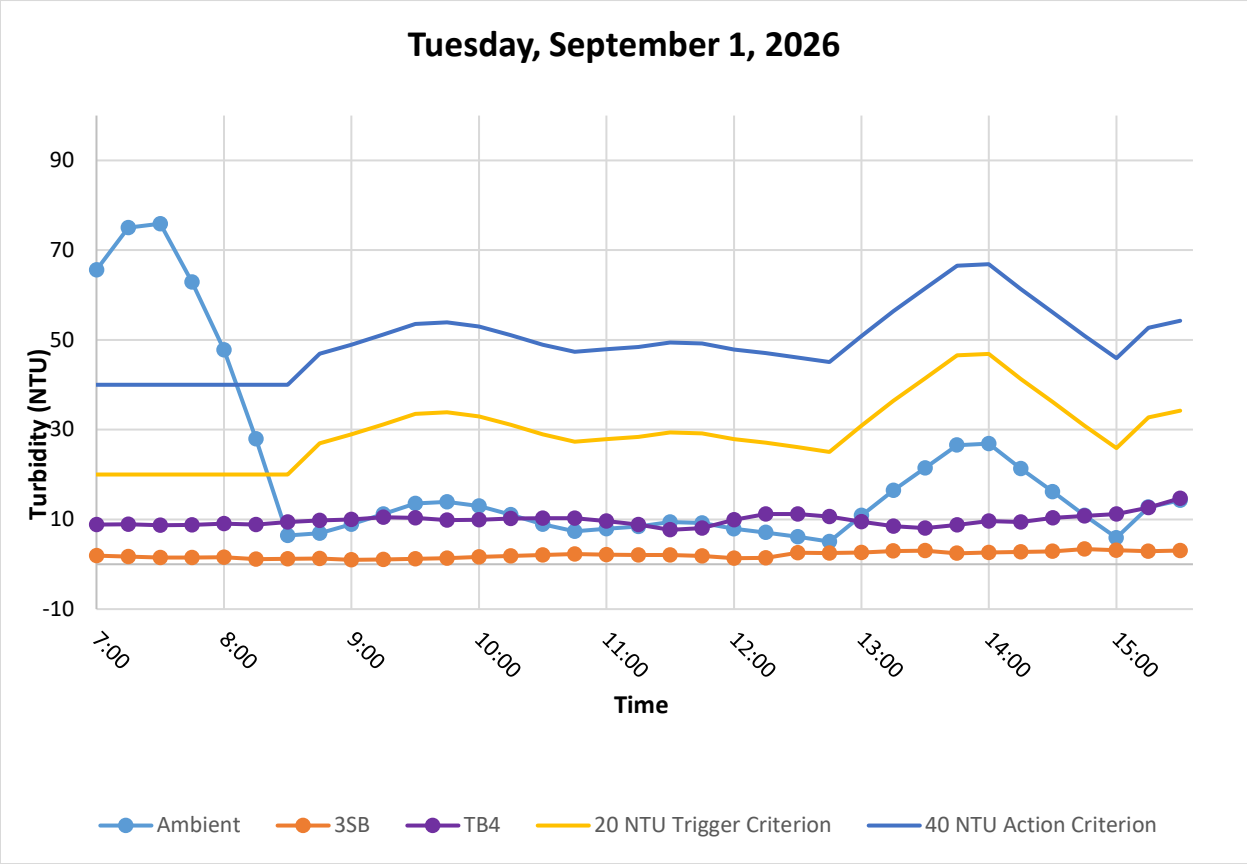

Figure 4. Hourly rolling average turbidity readings from 07:00 to 15:30. Elevated Ambient readings were not associated with in-water construction activities; see Section 3.0 for discussion.

3.3 September 2, 2026

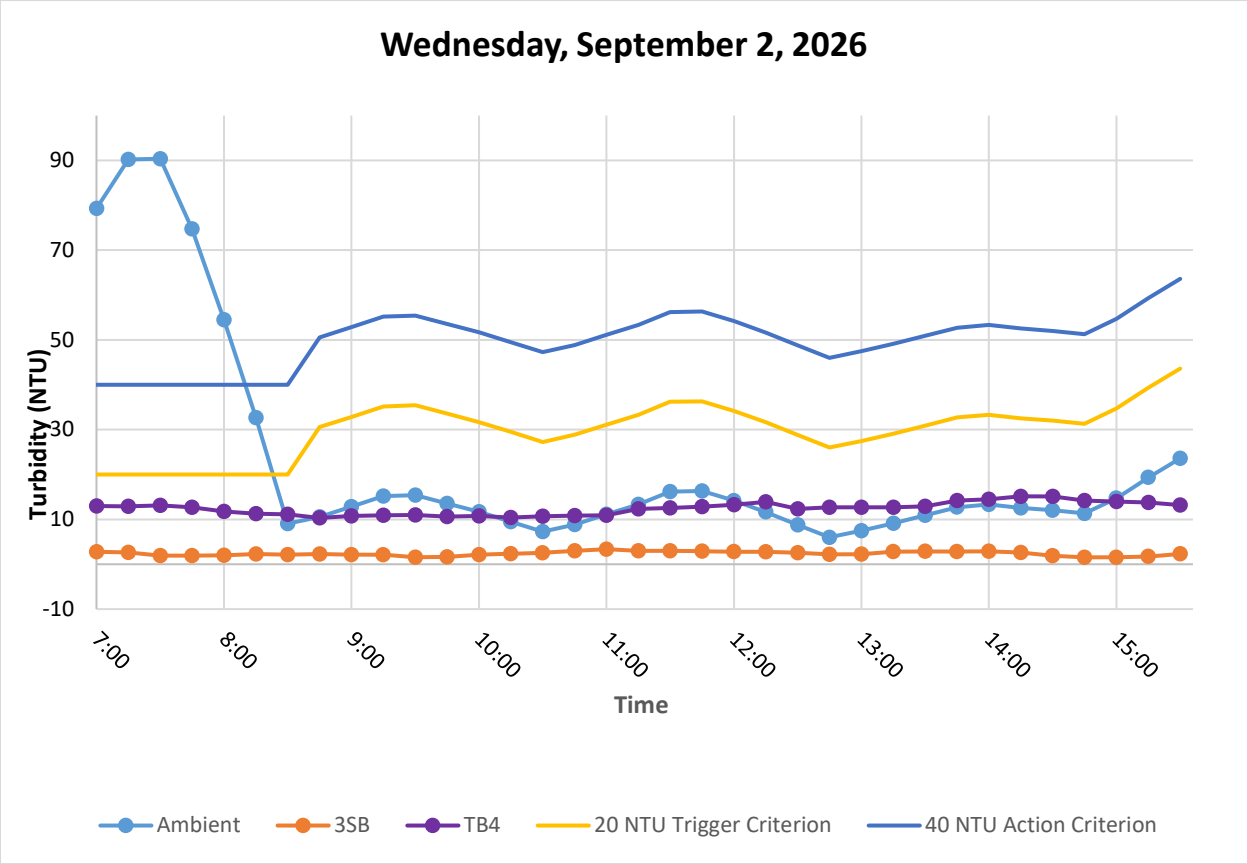

Figure 5. Hourly rolling average turbidity readings from 07:00 to 15:30. Elevated Ambient readings were not associated with in-water construction activities; see Section 3.0 for discussion.

3.4 September 3, 2026

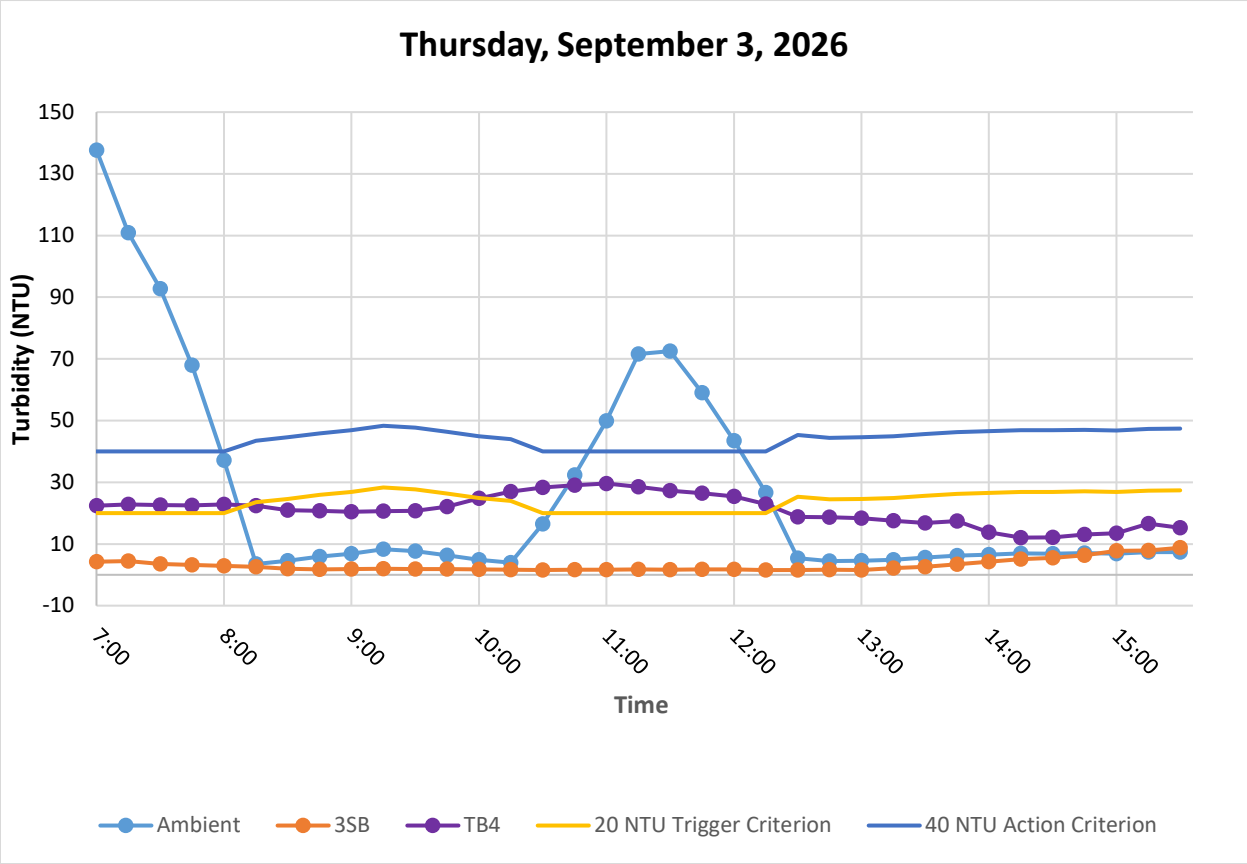

Figure 6. Hourly rolling average turbidity readings from 07:00 to 15:30. Elevated Ambient and TB4 readings were not associated with in-water construction activities; see Section 3.0 for discussion.

3.5 September 4, 2026

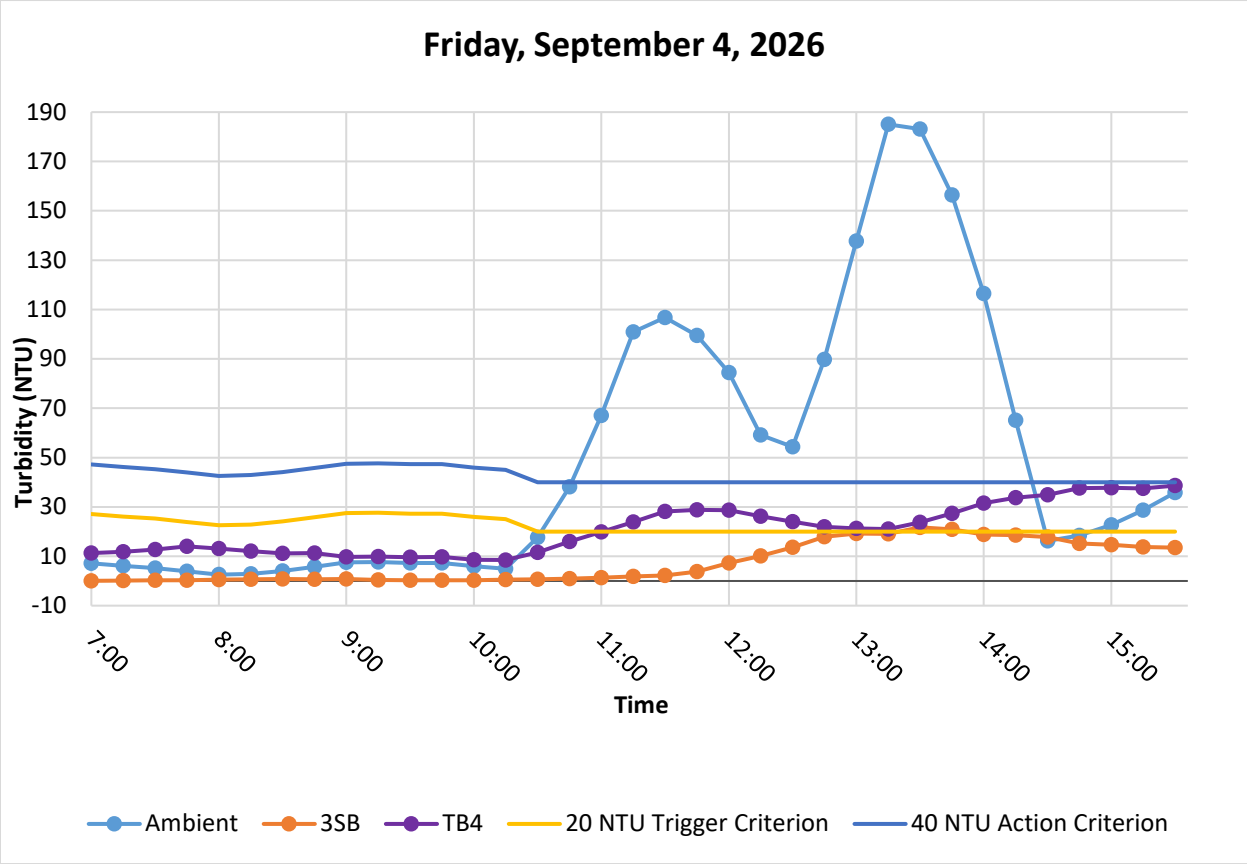

Figure 7. Hourly rolling average turbidity readings from 07:00 to 15:30. Elevated Ambient and TB4 readings were not associated with in-water construction activities; see Section 3.0 for discussion.

4. SUMMARY OF VISUAL OBSERVATIONS

Throughout most of the reporting period, sheens in the RTA2 areas ranged from minimal to moderate.

Figure 8 – September 3, 2026. Midday conditions south of 3rd Street Bridge.

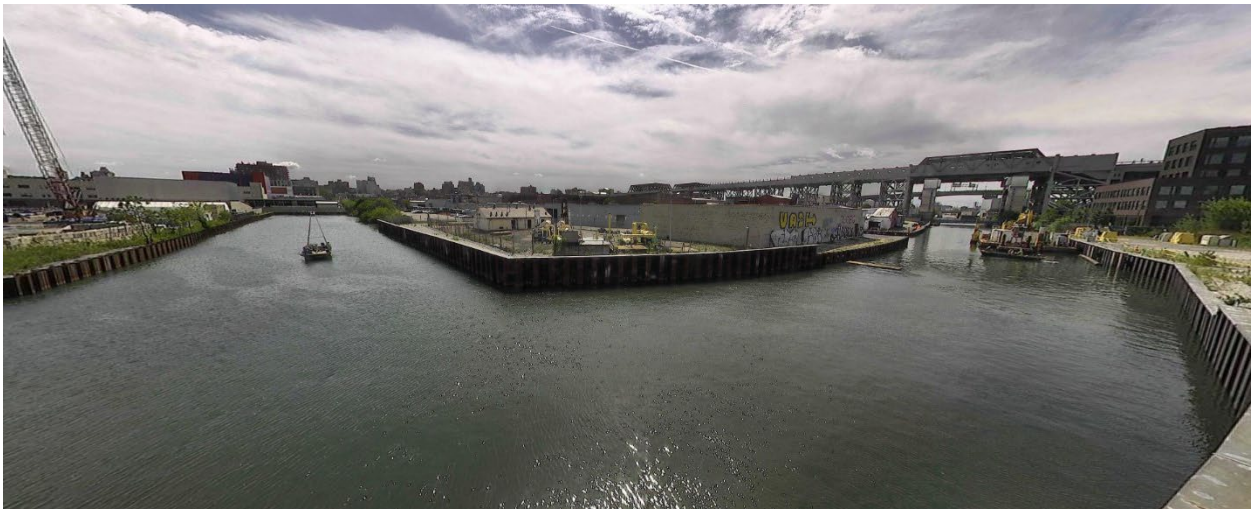

Figure 9 – September 3, 2026. Midday conditions in the main canal and Turning Basin 6.

Figure 10 – September 4, 2026. Midday conditions in the main canal and Turning Basin 7.

APPENDIX A

Turbidity Data Tables

Table 3 Monday, August 31, 2026

Date	Time	Turbidity (NTU)			Rolling Average Turbidity (NTU)		
		Ambient	N3SB	TB4	Ambient	N3SB	TB4
8/31/2026	7:00:00	34.96	0.83	6.86	19.82	1.09	8.45
8/31/2026	7:15:00	35.71	--	6.28	23.00	1.09	8.02
8/31/2026	7:30:00	39.23	1.05	6.68	29.92	1.08	8.01
8/31/2026	7:45:00	5.22	1.02	6.90	29.60	0.89	7.91
8/31/2026	8:00:00	12.24	0.58	6.31	25.47	0.87	6.61
8/31/2026	8:15:00	9.30	0.69	7.52	20.34	0.84	6.74
8/31/2026	8:30:00	7.69	2.46	7.25	14.74	1.16	6.93
8/31/2026	8:45:00	13.78	1.34	6.41	9.65	1.22	6.88
8/31/2026	9:00:00	16.05	1.72	10.26	11.81	1.36	7.55
8/31/2026	9:15:00	13.86	2.76	12.28	12.14	1.80	8.74
8/31/2026	9:30:00	14.67	6.55	17.68	13.21	2.97	10.78
8/31/2026	9:45:00	11.91	4.30	7.17	14.05	3.33	10.76
8/31/2026	10:00:00	5.82	3.36	7.26	12.46	3.74	10.93
8/31/2026	10:15:00	5.88	2.65	7.84	10.43	3.92	10.45
8/31/2026	10:30:00	3.98	1.83	9.96	8.45	3.74	9.99
8/31/2026	10:45:00	3.88	4.01	11.32	6.29	3.23	8.71
8/31/2026	11:00:00	50.43	5.20	10.56	14.00	3.41	9.39
8/31/2026	11:15:00	54.50	1.93	8.05	23.74	3.12	9.55
8/31/2026	11:30:00	63.14	1.73	13.02	35.19	2.94	10.58
8/31/2026	11:45:00	84.21	4.68	10.35	51.23	3.51	10.66
8/31/2026	12:00:00	5.28	2.54	7.81	51.51	3.22	9.96
8/31/2026	12:15:00	6.30	0.99	9.08	42.69	2.37	9.66
8/31/2026	12:30:00	4.56	2.95	7.19	32.70	2.58	9.49
8/31/2026	12:45:00	4.39	1.91	8.07	20.95	2.62	8.50
8/31/2026	13:00:00	6.72	--	9.19	5.45	2.10	8.27
8/31/2026	13:15:00	10.38	1.81	7.41	6.47	1.92	8.19
8/31/2026	13:30:00	10.64	3.04	11.16	7.34	2.43	8.60
8/31/2026	13:45:00	9.99	2.74	12.96	8.42	2.38	9.76
8/31/2026	14:00:00	12.27	3.74	7.56	10.00	2.83	9.66
8/31/2026	14:15:00	4.96	3.00	8.36	9.65	2.87	9.49
8/31/2026	14:30:00	4.68	2.95	9.74	8.51	3.09	9.96
8/31/2026	14:45:00	5.76	3.60	7.13	7.53	3.21	9.15
8/31/2026	15:00:00	6.41	3.54	11.04	6.82	3.37	8.76
8/31/2026	15:15:00	15.34	--	7.77	7.43	3.27	8.81
8/31/2026	15:30:00	16.42	3.46	7.21	9.72	3.39	8.58

Table 4 Tuesday, September 1, 2026

Date	Time	Turbidity (NTU)			Rolling Average Turbidity (NTU)		
		Ambient	N3SB	TB4	Ambient	N3SB	TB4
9/1/2026	7:00:00	105.31	2.83	8.43	65.59	1.89	8.87
9/1/2026	7:15:00	112.82	1.06	9.09	75.04	1.72	8.91
9/1/2026	7:30:00	9.84	0.76	8.30	75.90	1.49	8.67
9/1/2026	7:45:00	5.01	1.74	10.34	62.87	1.48	8.77
9/1/2026	8:00:00	5.83	--	9.04	47.76	1.60	9.04
9/1/2026	8:15:00	6.16	1.03	7.33	27.93	1.15	8.82
9/1/2026	8:30:00	5.37	1.34	12.04	6.44	1.22	9.41
9/1/2026	8:45:00	12.32	0.87	10.16	6.94	1.25	9.78
9/1/2026	9:00:00	14.98	0.68	11.21	8.93	0.98	9.95
9/1/2026	9:15:00	17.02	1.27	11.76	11.17	1.04	10.50
9/1/2026	9:30:00	18.03	1.94	6.63	13.54	1.22	10.36
9/1/2026	9:45:00	7.16	2.12	9.29	13.90	1.38	9.81
9/1/2026	10:00:00	7.60	2.03	10.53	12.96	1.61	9.88
9/1/2026	10:15:00	5.50	--	12.72	11.06	1.84	10.19
9/1/2026	10:30:00	6.33	2.21	12.29	8.92	2.08	10.29
9/1/2026	10:45:00	10.07	2.62	6.59	7.33	2.24	10.28
9/1/2026	11:00:00	9.98	1.79	6.05	7.89	2.16	9.64
9/1/2026	11:15:00	10.17	1.61	6.70	8.41	2.06	8.87
9/1/2026	11:30:00	10.45	--	6.71	9.40	2.06	7.67
9/1/2026	11:45:00	5.28	1.27	14.18	9.19	1.82	8.05
9/1/2026	12:00:00	3.53	0.83	15.85	7.88	1.37	9.90
9/1/2026	12:15:00	5.98	1.98	12.40	7.08	1.42	11.17
9/1/2026	12:30:00	5.23	6.23	6.76	6.09	2.58	11.18
9/1/2026	12:45:00	5.25	2.23	3.87	5.05	2.51	10.61
9/1/2026	13:00:00	34.36	1.78	8.58	10.87	2.61	9.49
9/1/2026	13:15:00	31.35	2.47	10.75	16.43	2.94	8.47
9/1/2026	13:30:00	31.01	2.42	10.28	21.44	3.02	8.05
9/1/2026	13:45:00	30.72	3.23	10.36	26.54	2.42	8.77
9/1/2026	14:00:00	6.93	3.24	8.13	26.88	2.63	9.62
9/1/2026	14:15:00	6.56	2.36	7.55	21.32	2.74	9.41
9/1/2026	14:30:00	5.51	3.07	15.23	16.15	2.86	10.31
9/1/2026	14:45:00	4.72	5.03	12.66	10.89	3.38	10.79
9/1/2026	15:00:00	5.84	1.94	12.42	5.91	3.13	11.20
9/1/2026	15:15:00	40.97	2.12	15.12	12.72	2.90	12.60
9/1/2026	15:30:00	--	3.11	18.16	14.26	3.05	14.72

Table 5 Wednesday, September 2, 2026

Date	Time	Turbidity (NTU)			Rolling Average Turbidity (NTU)		
		Ambient	N3SB	TB4	Ambient	N3SB	TB4
9/2/2026	7:00:00	115.87	2.16	12.82	79.30	2.74	12.95
9/2/2026	7:15:00	134.06	2.24	12.85	90.25	2.62	12.93
9/2/2026	7:30:00	9.73	1.63	13.88	90.37	1.88	13.12
9/2/2026	7:45:00	6.30	--	9.99	74.71	1.88	12.72
9/2/2026	8:00:00	6.31	1.91	9.27	54.45	1.99	11.76
9/2/2026	8:15:00	6.91	3.32	10.34	32.66	2.28	11.27
9/2/2026	8:30:00	15.88	1.60	12.20	9.03	2.11	11.14
9/2/2026	8:45:00	17.46	--	9.80	10.57	2.27	10.32
9/2/2026	9:00:00	17.58	1.77	12.31	12.83	2.15	10.79
9/2/2026	9:15:00	18.01	1.79	10.02	15.17	2.12	10.93
9/2/2026	9:30:00	8.21	1.19	10.48	15.43	1.59	10.96
9/2/2026	9:45:00	6.63	1.70	10.49	13.58	1.61	10.62
9/2/2026	10:00:00	7.98	4.19	10.47	11.68	2.13	10.76
9/2/2026	10:15:00	6.66	2.74	10.65	9.50	2.32	10.42
9/2/2026	10:30:00	6.80	2.92	11.51	7.26	2.55	10.72
9/2/2026	10:45:00	16.22	3.57	10.89	8.86	3.02	10.80
9/2/2026	11:00:00	17.93	--	10.98	11.12	3.35	10.90
9/2/2026	11:15:00	18.95	2.65	17.57	13.31	2.97	12.32
9/2/2026	11:30:00	21.05	2.89	11.85	16.19	3.01	12.56
9/2/2026	11:45:00	7.35	2.44	12.70	16.30	2.89	12.80
9/2/2026	12:00:00	5.58	3.20	13.06	14.17	2.79	13.23
9/2/2026	12:15:00	5.26	--	14.30	11.64	2.79	13.90
9/2/2026	12:30:00	4.69	1.81	9.91	8.79	2.58	12.36
9/2/2026	12:45:00	7.20	1.38	13.54	6.02	2.20	12.70
9/2/2026	13:00:00	14.57	2.54	12.60	7.46	2.23	12.68
9/2/2026	13:15:00	13.92	5.49	13.00	9.13	2.80	12.67
9/2/2026	13:30:00	14.10	3.02	15.48	10.90	2.85	12.91
9/2/2026	13:45:00	13.81	1.74	16.22	12.72	2.83	14.17
9/2/2026	14:00:00	10.24	1.60	14.99	13.33	2.88	14.46
9/2/2026	14:15:00	10.57	1.19	16.03	12.53	2.61	15.14
9/2/2026	14:30:00	11.37	--	12.73	12.02	1.89	15.09
9/2/2026	14:45:00	10.53	1.63	11.04	11.30	1.54	14.20
9/2/2026	15:00:00	30.78	1.81	15.02	14.70	1.56	13.96
9/2/2026	15:15:00	33.48	2.21	13.85	19.35	1.71	13.73
9/2/2026	15:30:00	31.88	3.54	13.27	23.61	2.30	13.18

Table 6 Thursday, September 3, 2026

Date	Time	Turbidity (NTU)			Rolling Average Turbidity (NTU)		
		Ambient	N3SB	TB4	Ambient	N3SB	TB4
9/3/2026	7:00:00	173.17	3.55	22.34	137.69	4.29	22.40
9/3/2026	7:15:00	3.55	5.16	24.40	110.86	4.46	22.80
9/3/2026	7:30:00	2.98	2.33	21.49	92.72	3.56	22.65
9/3/2026	7:45:00	3.52	1.86	22.40	67.99	3.23	22.50
9/3/2026	8:00:00	2.21	1.39	23.19	37.09	2.86	22.76
9/3/2026	8:15:00	5.24	2.31	20.43	3.50	2.61	22.38
9/3/2026	8:30:00	8.97	--	17.23	4.58	1.97	20.95
9/3/2026	8:45:00	9.51	1.53	20.58	5.89	1.77	20.77
9/3/2026	9:00:00	8.51	2.12	20.68	6.89	1.84	20.42
9/3/2026	9:15:00	9.35	2.01	24.46	8.32	1.99	20.68
9/3/2026	9:30:00	2.22	--	20.50	7.71	1.89	20.69
9/3/2026	9:45:00	2.19	1.82	23.98	6.36	1.87	22.04
9/3/2026	10:00:00	2.25	1.27	34.17	4.91	1.81	24.76
9/3/2026	10:15:00	3.82	1.68	31.75	3.97	1.69	26.97
9/3/2026	10:30:00	71.70	1.61	31.01	16.44	1.59	28.28
9/3/2026	10:45:00	81.94	1.69	24.41	32.38	1.61	29.06
9/3/2026	11:00:00	89.84	2.23	26.70	49.91	1.70	29.61
9/3/2026	11:15:00	110.33	1.43	28.50	71.53	1.73	28.47
9/3/2026	11:30:00	8.83	1.29	25.81	72.53	1.65	27.29
9/3/2026	11:45:00	3.93	2.11	27.05	58.97	1.75	26.49
9/3/2026	12:00:00	4.49	1.54	18.96	43.48	1.72	25.40
9/3/2026	12:15:00	5.87	1.30	14.25	26.69	1.53	22.91
9/3/2026	12:30:00	3.61	1.70	7.74	5.35	1.59	18.76
9/3/2026	12:45:00	4.25	--	25.48	4.43	1.66	18.70
9/3/2026	13:00:00	4.61	1.85	25.10	4.57	1.60	18.31
9/3/2026	13:15:00	6.13	3.93	15.22	4.89	2.20	17.56
9/3/2026	13:30:00	9.36	3.05	10.43	5.59	2.63	16.79
9/3/2026	13:45:00	6.88	4.86	10.74	6.25	3.42	17.39
9/3/2026	14:00:00	5.80	7.71	7.60	6.56	4.28	13.82
9/3/2026	14:15:00	6.38	5.89	16.32	6.91	5.09	12.06
9/3/2026	14:30:00	5.94	6.18	15.44	6.87	5.54	12.10
9/3/2026	14:45:00	10.10	7.01	15.02	7.02	6.33	13.02
9/3/2026	15:00:00	5.92	12.22	12.78	6.83	7.80	13.43
9/3/2026	15:15:00	8.23	8.10	23.63	7.32	7.88	16.64
9/3/2026	15:30:00	6.69	10.32	9.53	7.38	8.76	15.28

Table 7 Friday, September 4, 2026

Date	Time	Turbidity (NTU)			Rolling Average Turbidity (NTU)		
		Ambient	N3SB	TB4	Ambient	N3SB	TB4
9/4/2026	7:00:00	4.10	0.06	14.61	7.18	0.06	11.32
9/4/2026	7:15:00	2.07	0.19	13.76	6.15	0.13	11.80
9/4/2026	7:30:00	2.02	0.62	13.99	5.25	0.29	12.72
9/4/2026	7:45:00	2.08	0.24	15.91	3.93	0.28	13.99
9/4/2026	8:00:00	2.53	1.68	7.61	2.56	0.56	13.18
9/4/2026	8:15:00	5.85	0.76	9.22	2.91	0.70	12.10
9/4/2026	8:30:00	7.95	0.40	9.04	4.09	0.74	11.16
9/4/2026	8:45:00	10.53	0.42	14.82	5.79	0.70	11.32
9/4/2026	9:00:00	10.86	--	8.05	7.55	0.82	9.75
9/4/2026	9:15:00	3.10	0.08	8.18	7.66	0.41	9.86
9/4/2026	9:30:00	4.02	0.00	7.91	7.29	0.23	9.60
9/4/2026	9:45:00	7.99	0.75	10.06	7.30	0.31	9.81
9/4/2026	10:00:00	3.72	0.55	8.62	5.94	0.34	8.56
9/4/2026	10:15:00	6.18	1.15	7.80	5.00	0.50	8.51
9/4/2026	10:30:00	66.44	0.75	23.31	17.67	0.64	11.54
9/4/2026	10:45:00	106.23	1.38	29.96	38.11	0.91	15.95
9/4/2026	11:00:00	152.74	2.53	29.33	67.06	1.27	19.80
9/4/2026	11:15:00	172.75	3.49	29.01	100.87	1.86	23.88
9/4/2026	11:30:00	35.75	3.16	28.99	106.78	2.26	28.12
9/4/2026	11:45:00	29.68	8.63	26.73	99.43	3.84	28.81
9/4/2026	12:00:00	31.22	18.68	29.37	84.43	7.30	28.69
9/4/2026	12:15:00	26.36	17.04	16.81	59.15	10.20	26.18
9/4/2026	12:30:00	148.88	20.76	18.41	54.38	13.65	24.06
9/4/2026	12:45:00	212.41	24.25	18.26	89.71	17.87	21.92
9/4/2026	13:00:00	269.87	15.21	23.41	137.75	19.19	21.25
9/4/2026	13:15:00	267.66	18.44	28.34	185.04	19.14	21.05
9/4/2026	13:30:00	16.58	30.04	30.43	183.08	21.74	23.77
9/4/2026	13:45:00	15.24	16.42	36.58	156.35	20.87	27.40
9/4/2026	14:00:00	13.28	14.01	38.76	116.53	18.82	31.50
9/4/2026	14:15:00	12.55	13.90	34.27	65.06	18.56	33.68
9/4/2026	14:30:00	23.30	14.72	34.54	16.19	17.82	34.92
9/4/2026	14:45:00	27.82	16.78	43.78	18.44	15.17	37.59
9/4/2026	15:00:00	36.54	13.78	37.45	22.70	14.64	37.76
9/4/2026	15:15:00	42.93	9.84	37.50	28.63	13.80	37.51
9/4/2026	15:30:00	48.25	12.27	39.97	35.77	13.48	38.65

APPENDIX B

Archived Monitoring Adjustments

Appendix B

Summary of Movement Adjustments During RTA2 Construction

Report Number	Reporting Period	Date	Affected Buoy	Description of Adjustment
001	June 17 to June 21, 2024	--	--	No adjustments this reporting period.
002	June 24 to June 28, 2024	--	--	No adjustments this reporting period.
003	July 1 to July 5, 2024	--	--	No adjustments this reporting period.
004	July 8 to July 12, 2024	--	--	No adjustments this reporting period.
005	July 15 to July 19, 2024	--	--	No adjustments this reporting period.
006	July 22 to July 26, 2024	--	--	No adjustments this reporting period.
007	July 29 to August 2, 2024	--	--	No adjustments this reporting period.
008	August 5 to August 9, 2024	9-Aug-24	Ambient	Ambient Buoy moved 10 meters north of Carroll Street Bridge on west side of Canal.
008	August 5 to August 9, 2024	9-Aug-24	3SB	Sentinel Buoy 3SB deployed 20 meters north of the Third Street Bridge on the west side.
008	August 5 to August 9, 2024	9-Aug-24	TB4	Sentinel Buoy 4TB deployed in the Fourth Street Turning Basin.
009	August 12 to August 16, 2024	--	--	No adjustments this reporting period.
010	August 19 to August 23, 2024	19-Aug-24	9SB	Sentinel Buoy 9SB moved to the northeast side of the Ninth Street Bridge to reduce instrument downtime.
010	August 19 to August 23, 2024	21-Aug-24	9SB	Sentinel Buoy 9SB moved to the northeast side of the Hamilton Street Bridge after two days of elevated turbidity readings collected both during and outside of work hours.
011	August 26 to August 30, 2024	27-Aug-24	9SB	Sentinel Buoy 9SB moved to West side, North of 9th Street Bridge
012	September 3 to September 6, 2024	--	--	No adjustments this reporting period.
013	September 9 to September 13, 2024	9-Sep-24	9SB	Sonde was moved 20 meters North of 9th Street Bridge
014	September 16 to September 20, 2024	16-Sep-24	9SB	Deselected from construction monitoring
015	September 23 to September 27, 2024	--	--	No adjustments this reporting period.
016	September 30 to October 4, 2024	--	--	No adjustments this reporting period.
017	October 7 to October 11, 2024	--	--	No adjustments this reporting period.
018	October 14 to October 18, 2024	--	--	No adjustments this reporting period.
019	October 21 to Octobert 25, 2024	--	--	No adjustments this reporting period.
020	October 28 to November 1, 2024	--	--	No adjustments this reporting period.
021	November 4 to November 8, 2024	7-Nov-24	Ambient	Ambient moved to center of Carroll Street Bridge
022	November 11 to November 15, 2024	--	--	No adjustments this reporting period.
023	November 18 to November 22, 2024	18-Nov-24	TB4	The sentinel buoy in TB4 was deselected from construction monitoring due to instrument errors
024	November 25 to November 29, 2024	25-Nov-24	9SB	The 9SB sonde and buoy were placed back into the water quality monitoring program.
025	December 2 to December 6, 2024	--	--	No adjustments this reporting period.
026	December 9 to December 13, 2024	--	--	No adjustments this reporting period.
027	December 16 to December 20, 2024	18-Dec-24	9SB	9SB sonde and buoy were relocated south of 9th Street Bridge along the eastern bulkhead, to avoid construction vessel traffic and shallow waters which had been resulting in false elevated readings, particularly during low tide events
028	December 23 to December 27, 2024	--	--	No adjustments this reporting period.
029	December 30, 2024 to January 3, 2025	--	--	No adjustments this reporting period.
030	January 6 to January 10, 2025	--	--	No adjustments this reporting period.
031	January 13 to January 17, 2025	--	--	No adjustments this reporting period.
032	January 20 to January 24, 2025	--	--	No adjustments this reporting period.
033	January 27 to January 31, 2025	--	--	No adjustments this reporting period.
034	February 3 to February 7, 2025	--	--	No adjustments this reporting period.
035	February 10 to February 14, 2025	12-Feb-25	Ambient	Moved 150 feet North of Carrol Street Bridge

Appendix B

Summary of Movement Adjustments During RTA2 Construction

Report Number	Reporting Period	Date	Affected Buoy	Description of Adjustment
035	February 10 to February 14, 2025	14-Feb-25	Ambient	Moved 200 feet south of Union Street Bridge
036	February 17 to February 21, 2025	18-Feb-25	Ambient	The ambient sonde buoy was removed from service due to consistent instrumentation and telemetry issues
037	February 24 to February 28, 2025	25-Feb-25	Ambient	Ambient reinstated and placed 200 feet south of Union Street Bridge
037	February 24 to February 28, 2025	25-Feb-25	9SB	9SB taken out of service due to instrumentation and telemetry failure
037	February 24 to February 28, 2025	28-Feb-25	Ambient	Ambient buoy was moved 200 feet south so the middle of Carroll Street bridge
038	March 3 to March 7, 2025	--	--	No adjustments this reporting period.
039	March 10 to March 14, 2025	--	--	No adjustments this reporting period.
040	March 17 to March 21, 2025	17-Mar-25	TB4	A rental sonde unit was deployed at the sentinel buoy in TB4 while repairs to the original sonde are ongoing
041	March 24 to March 28, 2025	25-Mar-25	9SB	The sonde for the 9SB was redeployed into service. It was placed Northeast of the 9th Street Bridge. Readings have remained consistent and stable since deployment.
041	March 24 to March 28, 2025	25-Mar-25	3SB	The 3SB was removed from service due to instrumentation and telemetry issues. The buoy will remain out of service until a rental sonde arrives while the other is sent out for repairs and maintenance.
041	March 24 to March 28, 2025	28-Mar-25	TB4	TB4 buoy was adjusted approximately 10 feet to deeper water conditions.
042	March 31 to April 4, 2025	3-Apr-25	3SB	A repaired sonde was deployed at the north of 3SB location in lieu of a rental sonde as mentioned in the monitoring adjustment on March 25, 2025
043	April 7 to April 11, 2025	--	--	No adjustments this reporting period.
044	April 14 to April 18, 2025	17-Apr-25	TB4	A repaired sonde replaced the rental unit housed by the sentinel buoy in TB4.
045	April 21 to April 25, 2025	21-Apr-25	9SB	The 9SB was moved 25 feet North to avoid being near an outfall and to prevent erroneously high readings.
045	April 21 to April 25, 2025	24-Apr-25	9SB	A secondary anchor was added to the 9SB to prevent drift.
045	April 21 to April 25, 2025	25-Apr-25	TB4	Investigation and cleaning is ongoing at the TB4 buoy.
046	April 28 to May 2, 2025	28-Apr-25	Ambient	The Ambient sonde and buoy were moved 80 feet north and cleaning maintenance was performed. The readings stabilized following the movement and subsequent cleaning.
047	May 5 to May 9, 2025	--	--	No adjustments this reporting period.
048	May 12 to May 16, 2025	--	--	No adjustments this reporting period.
049	May 19 to May 23, 2025	19-May-25	9SB	The 9SB sonde was removed from service due to telemetry failure. The sonde will be returned to service once a new antenna is installed onto the buoy it is housed in.
050	May 26 to May 30, 2025	27-May-25	9SB	The 9SB sonde was re-deployed into service following completion of repairs to telemetry.
051	June 2 to June 6, 2025	--	--	No adjustments this reporting period.
052	June 9 to June 13, 2025	--	--	No adjustments this reporting period.
053	June 16 to June 20, 2025	--	--	No adjustments this reporting period.
054	June 23 to June 27, 2025	--	--	No adjustments this reporting period.
055	June 30 to July 4, 2025	--	--	No adjustments this reporting period.
056	July 7 to July 11, 2025	10-Jul-25	TB4	The TB4 sonde was relocated from the northside to the southside of the turbidity curtain in turning basin 4. It had been previously relocated to the north side of the turbidity curtain for easier access during scheduled maintenance
057	July 14 to July 18, 2025	--	--	No adjustments this reporting period.
058	July 21 to July 25, 2025	--	--	No adjustments this reporting period.
059	July 28 to August 1, 2025	29-Jul-25	TB4	The TB4 sonde was relocated to its previous location in turning basin 4 at the north side of the turbidity curtain. This was to allow for easier maintenance of the sonde and to prevent interaction with the turbidity curtain.
060	August 4 to August 8, 2025	--	--	No adjustments this reporting period.
061	August 11 to August 15, 2025	--	--	No adjustments this reporting period.
062	August 18 to August 22, 2025	--	--	No adjustments this reporting period.
063	August 25 to August 29, 2025	--	--	No adjustments this reporting period.
064	September 1 to September 5, 2025	--	--	No adjustments this reporting period.
065	September 8 to September 12, 2025	8-Sep-25	9SB	The 9SB sonde was taken out of service after sustaining damage to its buoy casing. The sonde will be returned to service once repairs are complete or the buoy is replaced.
065	September 8 to September 12, 2025	10-Sep-25	3SB	The 3SB sonde was relocated 20 feet South of its original location North of the 3rd Street Bridge to facilitate easier maintenance and prevent interference with the turbidity curtain.

Appendix B

Summary of Movement Adjustments During RTA2 Construction

Report Number	Reporting Period	Date	Affected Buoy	Description of Adjustment
066	September 15 to September 19, 2025	--	--	No adjustments this reporting period.
067	September 22 to September 26, 2025	--	--	No adjustments this reporting period.
068	September 29 to October 3, 2025	--	--	No adjustments this reporting period.
069	October 6 to October 10, 2025	--	--	No adjustments this reporting period.
070	October 13 to October 17, 2025	--	--	No adjustments this reporting period.
071	October 20 to October 24, 2025	--	--	No adjustments this reporting period.
072	October 27 to October 31, 2025	--	--	No adjustments this reporting period.
073	November 3 to November 7, 2025	--	--	No adjustments this reporting period.
074	November 10 to November 14, 2025	--	--	No adjustments this reporting period.
075	November 17 to November 21, 2025	18-Nov-25	3SB	The 3SB sonde was relocated 10 feet South of its previous location North of the 3rd Street Bridge to prevent interference with the turbidity curtain.
076	November 24 to November 26, 2025	26-Nov-25	3SB	The 3SB sonde was relocated 200 feet North from the 3rd Street Bridge to prevent further interference with the turbidity curtain.
077	December 1 to December 5, 2025	3-Dec-25	3SB	The 3SB sonde and buoy were taken out of service due to a broken anchor line and antenna.
078	December 8 to December 12, 2025	8-Dec-25	3SB	The 3SB sonde and buoy were returned to service following repairs to the antenna and anchor line.
079	December 15 to December 19, 2025	--	--	No adjustments this reporting period.
080	December 22 to December 26, 2025	--	--	No adjustments this reporting period.
081	December 29, 2025 to January 2, 2026	--	--	No adjustments this reporting period.
082	January 5 to January 9, 2026	--	--	No adjustments this reporting period.
083	January 12 to January 16, 2026	--	--	No adjustments this reporting period.
084	January 19 to January 23, 2026	--	--	No adjustments this reporting period.
085	January 26 to January 30, 2026	--	--	No adjustments this reporting period.
086	February 2 to February 6, 2026	--	--	No adjustments this reporting period.
087	February 9 to February 13, 2026	--	--	No adjustments this reporting period.
088	February 16 to February 20, 2026	--	--	No adjustments this reporting period.
089	February 23 to February 27, 2026	27-Feb-26	TB4	The TB4 sonde was taken out of service due to wear and tear of the Vulink telemetry unit caused by winter weather conditions.
090	March 2 to March 6, 2026	--	--	No adjustments this reporting period.
091	March 9 to March 13, 2026	11-Mar-26	TB4	The sonde previously housed within the 9SB buoy was placed into the TB4 buoy to allow for turbidity readings to resume. Consistent readings began on March 12, 2026, following maintenance.
092	March 16 to March 20, 2026	--	--	No adjustments this reporting period.
093	March 23 to March 27, 2026	--	--	No adjustments this reporting period.
094	March 30 to April 3, 2026	30-Mar-26	3SB	The 3SB sonde was moved 20 feet North of its previous location to prevent interaction with the turbidity curtain.
094	March 30 to April 3, 2026	1-Apr-26	TB4	The 9SB sonde was removed from service in the TB4 buoy, and replaced with the refurbished TB4 sonde. Readings were delayed due to antenna failure and will resume after the next maintenance.
095	April 6 to April 10, 2026	9-Apr-26	TB4	The refurbished TB4 sonde was removed from the buoy housing it due to telemetry failure. The sonde continued to fail to upload data to the server, which is associated with a lack of adequate repairs during its refurbishment.
096	April 13 to April 17, 2026	13-Apr-26	TB4	A refurbished sonde was returned to the TB4 buoy. Data uploads were restored.
096	April 13 to April 17, 2026	15-Apr-26	3SB	The 3SB buoy was moved approximately 20 ft north of its prior location to prevent interference with the turbidity curtain.
097	April 20 to April 24, 2026	23-Apr-26	TB4	The TB4 buoy was moved 15 feet west to a deeper section of turning basin 4 to attempt to prevent interference from the mudline.
097	April 20 to April 24, 2026	24-Apr-26	3SB	The 3SB sonde was moved 10 feet North to account for southern drift that had occurred over time.
098	April 27 to May 1, 2026	--	--	No adjustments this reporting period.
099	May 4 to May 8, 2026	--	--	No adjustments this reporting period.
100	May 11 to May 15, 2026	--	--	No adjustments this reporting period.

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Summary of Movement Adjustments During RTA2 Construction

Report Number	Reporting Period	Date	Affected Buoy	Description of Adjustment
101	May 18 to May 22, 2026	--	--	No adjustments this reporting period.
102	May 26 to May 29, 2026	28-May-26	3SB	The Ambient sonde was moved 10 feet East towards the center of the canal to address periodic high turbidity readings during low tide.
103	June 1 to June 5, 2026	2-Jun-26	TB4	The TB4 sonde was taken out of commission for investigation after observing potentially erroneously low readings. The TB4 sonde was brought in land side for maintenance.
103	June 1 to June 5, 2026	2-Jun-26	TB4	The TB4 sonde was placed back in the canal following reconfiguration of its sensors, firmware update and calibration check.
104	June 8 to June 12, 2026	--	--	No adjustments this reporting period.
105	June 15 to June 19, 2026	--	--	No adjustments this reporting period.
106	June 22 to June 26, 2026	--	--	No adjustments this reporting period.
107	June 29 to July 2, 2026	29-Jun-26	Ambient	The Ambient sonde was placed back into service at 10:45 on June 29, 2026. The buoy housing the sonde was moved 30 feet East to prevent any future collisions with vessel traffic.
108	July 6 to July 10, 2026	--	--	No adjustments this reporting period.
109	July 13 to July 17, 2026	--	--	No adjustments this reporting period.
110	July 20 to July 24, 2026	24-Jul-26	3SB	On July 24, 2026 the 3SB sonde was relocated 10 feet north of its previous location to prevent interference with the turbidity curtain.
111	July 27 to July 31, 2026	--	--	No adjustments this reporting period.
112	August 3 to August 7, 2026	--	--	No adjustments this reporting period.
113	August 10 to August 14, 2026	--	--	No adjustments this reporting period.
114	August 17 to August 21, 2026	--	--	No adjustments this reporting period.
115	August 24 to August 28, 2026	--	--	No adjustments this reporting period.