

Date (yyyy-mm-dd)	Tide	Station	Weather	Sea condition	Sampling Time	Water Depth (m)	Sampling Water Level	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	DO (mg/L)	Average of DO (mg/L)	DO Saturation (%)	Turbidity (NTU)	Turbidity (NTU) (depth-averaged)	SS	SS (mg/L) (depth-averaged)
2020-03-23	Mid-Ebb	CS(Mf)5	Fine	Moderate	13:28:00	12.8	Surface	1st	21.9	7.7	28.0	6.7	6.6	90.5	2.9	4.1	9.2	8.2
	Mid-Ebb	CS(Mf)5					Surface	2nd	21.9	7.5	28.2	6.7		90.4	3.0		8.6	
	Mid-Ebb	CS(Mf)5					Middle	1st	21.4	7.9	29.5	6.6	88.0	4.2	8.2			
	Mid-Ebb	CS(Mf)5					Middle	2nd	21.4	7.6	29.3	6.5	87.1	3.9	8.6			
	Mid-Ebb	CS(Mf)5					Bottom	1st	21.1	7.9	30.2	6.5	86.4	5.2	7.2			
	Mid-Ebb	CS(Mf)5					Bottom	2nd	21.2	7.7	29.8	6.5	87.2	5.5	7.3			
2020-03-23	Mid-Ebb	SR3(N)	Fine	Moderate	12:13:00	4.1	Surface	1st	22.5	7.6	28.2	7.0	7.0	95.0	4.6	4.9	9.2	8.3
	Mid-Ebb	SR3(N)					Surface	2nd	22.5	7.6	28.2	7.0		95.0	5.3		8.6	
	Mid-Ebb	SR3(N)					Middle	1st										
	Mid-Ebb	SR3(N)					Middle	2nd										
	Mid-Ebb	SR3(N)					Bottom	1st	22.6	7.6	28.3	7.0	96.0	4.6	7.7			
	Mid-Ebb	SR3(N)					Bottom	2nd	22.5	7.6	28.4	7.1	96.7	5.2	7.8			
2020-03-23	Mid-Ebb	CS2(A)	Fine	Moderate	11:36:00	6.3	Surface	1st	21.8	7.7	27.8	7.1	7.1	95.5	4.1	5.7	6.3	7.0
	Mid-Ebb	CS2(A)					Surface	2nd	21.9	7.6	27.7	7.1		95.8	4.6		6.4	
	Mid-Ebb	CS2(A)					Middle	1st	21.6	7.7	28.5	7.0	93.9	5.8	7.2			
	Mid-Ebb	CS2(A)					Middle	2nd	21.5	7.6	28.5	7.1	94.4	6.1	6.9			
	Mid-Ebb	CS2(A)					Bottom	1st	21.4	7.7	28.8	6.8	91.3	6.4	7.9			
	Mid-Ebb	CS2(A)					Bottom	2nd	21.4	7.6	28.9	7.0	93.9	7.4	7.5			
2020-03-23	Mid-Ebb	SR2(A)	Fine	Moderate	11:55:00	8.5	Surface	1st	22.4	7.7	27.3	7.1	7.0	96.5	4.8	6.1	12.1	10.4
	Mid-Ebb	SR2(A)					Surface	2nd	22.1	7.6	27.4	7.1		95.5	5.6		12.2	
	Mid-Ebb	SR2(A)					Middle	1st	21.9	7.8	27.6	7.0	93.4	5.9	10.7			
	Mid-Ebb	SR2(A)					Middle	2nd	21.8	7.6	27.9	6.8	91.4	6.7	10.0			
	Mid-Ebb	SR2(A)					Bottom	1st	21.8	7.8	27.9	6.9	93.0	6.4	8.5			
	Mid-Ebb	SR2(A)					Bottom	2nd	21.8	7.7	28.0	6.9	93.1	7.2	8.6			
2020-03-23	Mid-Flood	CS(Mf)5	Cloudy	Moderate	6:34:00	13.1	Surface	1st	21.2	7.9	29.6	6.5	6.5	86.7	6.5	6.4	9.1	6.8
	Mid-Flood	CS(Mf)5					Surface	2nd	21.2	7.9	29.6	6.5		86.9	6.5		8.9	
	Mid-Flood	CS(Mf)5					Middle	1st	20.8	7.9	31.1	6.4	85.2	6.4	7.0			
	Mid-Flood	CS(Mf)5					Middle	2nd	20.8	7.9	31.1	6.4	85.2	6.1	6.8			
	Mid-Flood	CS(Mf)5					Bottom	1st	20.8	7.9	31.1	6.5	86.8	6.6	4.6			
	Mid-Flood	CS(Mf)5					Bottom	2nd	20.8	7.9	31.1	6.5	86.9	6.5	4.4			
2020-03-23	Mid-Flood	SR3(N)	Cloudy	Calm	7:53:00	4.5	Surface	1st	22.1	8.0	29.0	6.8	6.8	91.8	5.2	5.7	8.1	8.7
	Mid-Flood	SR3(N)					Surface	2nd	22.1	7.8	29.0	6.7		91.4	5.4		7.9	
	Mid-Flood	SR3(N)					Middle	1st										
	Mid-Flood	SR3(N)					Middle	2nd										
	Mid-Flood	SR3(N)					Bottom	1st	22.0	8.0	29.1	6.8	92.1	6.3	9.5			
	Mid-Flood	SR3(N)					Bottom	2nd	22.0	8.0	29.0	6.7	90.9	5.9	9.1			
2020-03-23	Mid-Flood	CS2(A)	Cloudy	Moderate	8:32:00	6.5	Surface	1st	21.5	7.7	28.6	7.1	7.1	94.7	6.9	7.1	7.0	5.4
	Mid-Flood	CS2(A)					Surface	2nd	21.4	7.7	28.7	7.1		94.5	7.2		7.0	
	Mid-Flood	CS2(A)					Middle	1st	21.4	7.7	28.8	7.0	93.9	7.1	5.2			
	Mid-Flood	CS2(A)					Middle	2nd	21.4	7.7	28.8	7.0	93.9	7.1	5.3			
	Mid-Flood	CS2(A)					Bottom	1st	21.4	7.6	28.9	7.1	94.4	7.2	3.9			
	Mid-Flood	CS2(A)					Bottom	2nd	21.4	7.7	28.9	7.0	94.2	7.3	4.1			
2020-03-23	Mid-Flood	SR2(A)	Cloudy	Calm	8:12:00	8.8	Surface	1st	21.8	7.5	27.5	7.1	7.1	95.5	6.5	7.0	9.4	11.2
	Mid-Flood	SR2(A)					Surface	2nd	21.9	7.6	27.5	7.1		95.2	6.4		9.6	
	Mid-Flood	SR2(A)					Middle	1st	21.8	7.5	27.5	7.1	94.7	7.2	11.5			
	Mid-Flood	SR2(A)					Middle	2nd	21.8	7.6	27.6	7.1	94.6	6.7	11.3			
	Mid-Flood	SR2(A)					Bottom	1st	21.7	7.5	27.9	7.1	95.0	8.2	12.7			
	Mid-Flood	SR2(A)					Bottom	2nd	21.7	7.6	27.8	7.1	94.7	7.1	12.5			







