

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)
2020-04-20	Mid-Ebb	CS(M)5	Fine	Moderate	12:31:00	12.5	Surface	1st	23.2	8.2	22.6	10.2	9.2	135.9	4.8	5.5	4.4	5.5
	Mid-Ebb	CS(M)5					Surface	2nd	23.3	8.2	22.5	10.2		136.2	4.8		5.4	
	Mid-Ebb	CS(M)5					Middle	1st	22.3	8.1	28.0	8.1	109.2	4.9	5.5			
	Mid-Ebb	CS(M)5					Middle	2nd	22.4	8.1	28.0	8.1	109.3	4.9	5			
	Mid-Ebb	CS(M)5					Bottom	1st	22.1	8.1	30.4	7.3	100.4	6.9	6.1			
	Mid-Ebb	CS(M)5					Bottom	2nd	22.1	8.1	30.4	7.3	100.2	6.6	6.4			
2020-04-20	Mid-Ebb	SR3(N)	Fine	Calm	11:14:00	4.2	Surface	1st	23.7	8.2	20.2	10.7	10.7	141.7	8.4	9.4	12.0	11.4
	Mid-Ebb	SR3(N)					Surface	2nd	23.7	8.2	20.2	10.7		141.8	8.4		11.4	
	Mid-Ebb	SR3(N)					Middle	1st										
	Mid-Ebb	SR3(N)					Middle	2nd										
	Mid-Ebb	SR3(N)					Bottom	1st	23.7	8.2	21.3	10.2	136.1	10.4	11.2			
	Mid-Ebb	SR3(N)					Bottom	2nd	23.7	8.2	21.3	10.2	136.6	10.4	11.1			
2020-04-20	Mid-Ebb	CS2(A)	Fine	Moderate	10:41:00	6.5	Surface	1st	23.5	8.2	18.4	10.6	9.5	138.6	6.9	8.2	6.0	6.4
	Mid-Ebb	CS2(A)					Surface	2nd	23.5	8.2	18.4	10.6		139.0	7.3		7.0	
	Mid-Ebb	CS2(A)					Middle	1st	22.4	8.2	26.3	8.3	112.0	4.4	7.0			
	Mid-Ebb	CS2(A)					Middle	2nd	22.4	8.2	26.4	8.3	111.9	4.3	6.4			
	Mid-Ebb	CS2(A)					Bottom	1st	22.1	8.2	28.7	7.8	104.8	13.1	6.0			
	Mid-Ebb	CS2(A)					Bottom	2nd	22.1	8.2	28.7	7.7	104.5	13.1	6.2			
2020-04-20	Mid-Ebb	SR2(A)	Fine	Calm	10:58:00	8.5	Surface	1st	23.2	8.1	21.2	9.6	8.9	126.3	9.3	10.6	11.4	12.1
	Mid-Ebb	SR2(A)					Surface	2nd	23.2	8.1	21.3	9.5		126.0	9.5		10.6	
	Mid-Ebb	SR2(A)					Middle	1st	22.6	8.2	25.2	8.3	111.1	9.2	11.4			
	Mid-Ebb	SR2(A)					Middle	2nd	22.6	8.2	25.2	8.3	111.3	9.4	12.1			
	Mid-Ebb	SR2(A)					Bottom	1st	22.5	8.2	25.6	8.0	107.4	13.0	13.3			
	Mid-Ebb	SR2(A)					Bottom	2nd	22.5	8.2	25.7	8.0	107.5	13.2	13.9			
2020-04-20	Mid-Flood	CS(M)5	Cloudy	Moderate	17:32:00	12.4	Surface	1st	23.0	8.0	24.1	9.5	8.5	127.7	3.2	7.0	4.2	2.9
	Mid-Flood	CS(M)5					Surface	2nd	22.9	8.0	24.2	9.6		128.3	3.2		3.6	
	Mid-Flood	CS(M)5					Middle	1st	22.1	7.8	29.5	7.5	102.4	3.9	2.6			
	Mid-Flood	CS(M)5					Middle	2nd	22.0	7.8	29.5	7.5	102.4	3.8	2.3			
	Mid-Flood	CS(M)5					Bottom	1st	21.9	7.8	30.5	7.1	96.1	14.8	2.4			
	Mid-Flood	CS(M)5					Bottom	2nd	21.8	7.8	30.5	7.1	96.0	13.3	2.2			
2020-04-20	Mid-Flood	SR3(N)	Cloudy	Calm	18:50:00	4.3	Surface	1st	23.5	8.2	22.9	10.1	10.2	136.0	6.0	6.8	5.6	5.1
	Mid-Flood	SR3(N)					Surface	2nd	23.4	8.3	22.8	10.2		136.4	5.7		5.3	
	Mid-Flood	SR3(N)					Middle	1st										
	Mid-Flood	SR3(N)					Middle	2nd										
	Mid-Flood	SR3(N)					Bottom	1st	23.4	8.2	23.2	9.4	125.7	7.9	4.8			
	Mid-Flood	SR3(N)					Bottom	2nd	23.3	8.2	23.2	9.7	130.4	7.7	4.8			
2020-04-20	Mid-Flood	CS2(A)	Cloudy	Moderate	19:25:00	6.1	Surface	1st	22.7	8.2	23.6	9.0	8.8	119.4	8.7	10.5	6.3	6.6
	Mid-Flood	CS2(A)					Surface	2nd	22.7	8.2	23.7	9.0		119.2	8.7		6.4	
	Mid-Flood	CS2(A)					Middle	1st	22.6	8.1	24.4	8.5	112.9	10.0	6.4			
	Mid-Flood	CS2(A)					Middle	2nd	22.7	8.1	24.4	8.5	113.1	9.7	6.6			
	Mid-Flood	CS2(A)					Bottom	1st	22.4	8.1	26.2	7.8	105.0	13.0	7.0			
	Mid-Flood	CS2(A)					Bottom	2nd	22.4	8.1	26.3	7.8	104.8	13.0	6.6			
2020-04-20	Mid-Flood	SR2(A)	Cloudy	Calm	19:09:00	8.8	Surface	1st	23.2	8.4	17.8	9.9	9.5	128.1	10.4	12.0	10.9	11.2
	Mid-Flood	SR2(A)					Surface	2nd	23.2	8.4	17.8	9.9		128.4	10.2		11.0	
	Mid-Flood	SR2(A)					Middle	1st	22.8	8.2	21.9	9.1	119.9	12.2	10.6			
	Mid-Flood	SR2(A)					Middle	2nd	22.9	8.2	21.8	9.1	120.2	12.3	11.2			
	Mid-Flood	SR2(A)					Bottom	1st	23.0	8.1	24.8	8.2	110.4	13.1	11.6			
	Mid-Flood	SR2(A)					Bottom	2nd	22.9	8.1	24.8	8.2	110.5	13.9	12.1			







