

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)
2020-05-27	Mid-Ebb	CS(M)5	Cloudy	Moderate	16:28:00	12.5	Surface	1st	27.4	8.1	22.2	5.4	5.0	76.7	3.7	5.0	6.1	6.5
	Mid-Ebb	CS(M)5					Surface	2nd	27.5	8.0	22.0	5.5		78.9	3.7		7.2	
	Mid-Ebb	CS(M)5					Middle	1st	26.5	8.2	26.2	4.5		65.0	5.1		6.2	
	Mid-Ebb	CS(M)5					Middle	2nd	26.5	8.1	25.7	4.5	64.8	4.9	7.3			
	Mid-Ebb	CS(M)5					Bottom	1st	25.9	8.2	29.4	4.3	62.8	6.3	6.0			
	Mid-Ebb	CS(M)5					Bottom	2nd	26.0	8.2	28.8	4.4	63.5	6.3	5.9			
2020-05-27	Mid-Ebb	SR3(N)	Cloudy	Calm	15:13:00	4.3	Surface	1st	27.5	8.1	22.6	5.7	5.7	81.9	5.4	5.1	5.4	4.7
	Mid-Ebb	SR3(N)					Surface	2nd	27.6	8.1	22.3	5.7		81.6	4.6		4.7	
	Mid-Ebb	SR3(N)					Middle	1st										
	Mid-Ebb	SR3(N)					Middle	2nd										
	Mid-Ebb	SR3(N)					Bottom	1st	27.0	8.2	23.7	5.9	83.8	5.2	4.4			
	Mid-Ebb	SR3(N)					Bottom	2nd	27.4	8.1	23.1	5.9	84.1	5.3	4.1			
2020-05-27	Mid-Ebb	CS2(A)	Cloudy	Moderate	14:40:00	6.3	Surface	1st	26.9	8.3	27.0	5.0	5.0	73.2	3.8	4.6	7.9	7.6
	Mid-Ebb	CS2(A)					Surface	2nd	26.9	8.2	26.0	5.0		72.9	4.1		7.4	
	Mid-Ebb	CS2(A)					Middle	1st	26.4	8.3	27.8	5.0		72.3	4.8		7.4	
	Mid-Ebb	CS2(A)					Middle	2nd	26.4	8.3	27.9	5.0	72.2	5.0	8.0			
	Mid-Ebb	CS2(A)					Bottom	1st	26.2	8.3	29.6	5.5	81.0	5.2	7.6			
	Mid-Ebb	CS2(A)					Bottom	2nd	26.5	8.3	29.3	5.5	80.0	4.8	7.0			
2020-05-27	Mid-Ebb	SR2(A)	Cloudy	Moderate	14:57:00	8.2	Surface	1st	27.2	8.2	24.8	5.4	5.1	78.2	4.6	7.8	3.9	4.1
	Mid-Ebb	SR2(A)					Surface	2nd	27.3	8.2	24.4	5.4		78.2	4.5		4.1	
	Mid-Ebb	SR2(A)					Middle	1st	26.3	8.3	28.5	4.7		67.6	9.9		4.1	
	Mid-Ebb	SR2(A)					Middle	2nd	26.2	8.2	28.7	4.7	68.0	9.0	3.9			
	Mid-Ebb	SR2(A)					Bottom	1st	26.2	8.3	29.0	4.9	70.7	9.7	4.4			
	Mid-Ebb	SR2(A)					Bottom	2nd	26.3	8.2	28.8	4.9	70.8	8.9	4.1			
2020-05-27	Mid-Flood	CS(M)5	Rainy	Moderate	8:07:00	12.6	Surface	1st	27.9	7.9	19.5	5.9	5.3	83.2	1.3	1.7	2.2	2.6
	Mid-Flood	CS(M)5					Surface	2nd	27.9	7.9	19.5	5.9		83.2	1.3		2.2	
	Mid-Flood	CS(M)5					Middle	1st	25.9	8.2	28.6	4.7		67.4	1.6		2.5	
	Mid-Flood	CS(M)5					Middle	2nd	25.9	8.2	28.5	4.7	67.3	1.6	3.1			
	Mid-Flood	CS(M)5					Bottom	1st	25.6	8.1	31.4	4.9	71.4	2.1	2.6			
	Mid-Flood	CS(M)5					Bottom	2nd	25.6	8.1	31.4	4.9	71.2	2.1	3.2			
2020-05-27	Mid-Flood	SR3(N)	Rainy	Moderate	9:22:00	4.4	Surface	1st	27.2	8.1	22.2	5.5	5.5	79.1	5.9	6.3	4.9	5.3
	Mid-Flood	SR3(N)					Surface	2nd	27.2	8.1	22.2	5.5		78.5	5.9		5.5	
	Mid-Flood	SR3(N)					Middle	1st										
	Mid-Flood	SR3(N)					Middle	2nd										
	Mid-Flood	SR3(N)					Bottom	1st	27.1	8.2	22.7	6.1	86.4	6.7	5.2			
	Mid-Flood	SR3(N)					Bottom	2nd	27.1	8.2	22.7	6.0	85.9	6.8	5.6			
2020-05-27	Mid-Flood	CS2(A)	Cloudy	Moderate	9:58:00	6.5	Surface	1st	27.3	8.1	23.1	5.6	5.2	81.0	2.9	4.1	4.4	4.5
	Mid-Flood	CS2(A)					Surface	2nd	27.3	8.1	23.1	5.6		81.0	2.9		4.7	
	Mid-Flood	CS2(A)					Middle	1st	26.2	8.3	29.5	4.9		70.9	4.1		4.2	
	Mid-Flood	CS2(A)					Middle	2nd	26.2	8.3	29.5	4.8	70.8	4.1	4.2			
	Mid-Flood	CS2(A)					Bottom	1st	26.1	8.3	29.9	5.1	73.8	5.2	4.5			
	Mid-Flood	CS2(A)					Bottom	2nd	26.1	8.3	29.9	5.0	73.5	5.2	5.1			
2020-05-27	Mid-Flood	SR2(A)	Cloudy	Moderate	9:41:00	8.8	Surface	1st	27.1	8.2	24.0	5.5	5.2	79.4	4.3	7.8	3.5	4.8
	Mid-Flood	SR2(A)					Surface	2nd	27.2	8.2	24.0	5.5		79.4	4.4		3.2	
	Mid-Flood	SR2(A)					Middle	1st	26.4	8.3	27.4	4.8		69.7	9.1		4.3	
	Mid-Flood	SR2(A)					Middle	2nd	26.4	8.3	27.5	4.9	70.4	9.6	5.2			
	Mid-Flood	SR2(A)					Bottom	1st	26.4	8.3	27.9	5.2	75.8	9.6	6.4			
	Mid-Flood	SR2(A)					Bottom	2nd	26.4	8.3	27.9	5.2	75.4	9.7	5.9			







