

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)
2020-02-17	Mid-Ebb	CS(Mf)5	Cloudy	Rough	6:20:00	13.4	Surface	1st	18.6	7.7	34.0	6.9	7.0	90.7	3.3	4.1	5.6	7.2
	Mid-Ebb	CS(Mf)5					Surface	2nd	18.6	7.7	34.0	6.9		90.8	3.2		6.4	
	Mid-Ebb	CS(Mf)5					Middle	1st	18.7	7.6	34.0	7.1	92.8	4.0	8.0			
	Mid-Ebb	CS(Mf)5					Middle	2nd	18.7	7.6	34.0	7.1	92.8	3.9	7.9			
	Mid-Ebb	CS(Mf)5					Bottom	1st	18.7	7.7	34.0	7.4	96.3	5.1	7.8			
	Mid-Ebb	CS(Mf)5					Bottom	2nd	18.7	7.7	34.0	7.3	96.1	5.1	7.5			
2020-02-17	Mid-Ebb	SR3(N)	Cloudy	Rough	7:32:00	3.6	Surface	1st	18.5	7.8	32.5	7.4	7.4	95.4	5.0	5.8	10.6	10.4
	Mid-Ebb	SR3(N)					Surface	2nd	18.5	7.8	32.5	7.4		95.3	5.0		10.4	
	Mid-Ebb	SR3(N)					Middle	1st										
	Mid-Ebb	SR3(N)					Middle	2nd										
	Mid-Ebb	SR3(N)					Bottom	1st	18.4	7.8	32.6	8.2	8.1	105.8	6.5		10.4	
	Mid-Ebb	SR3(N)					Bottom	2nd	18.4	7.8	32.5	8.0		103.4	6.5		10.1	
2020-02-17	Mid-Ebb	CS2(A)	Cloudy	Rough	8:06:00	7.1	Surface	1st	17.9	7.8	32.3	7.7	7.8	98.3	5.2	9.5	13.4	11.5
	Mid-Ebb	CS2(A)					Surface	2nd	17.9	7.8	32.3	7.7		98.3	5.2		13.0	
	Mid-Ebb	CS2(A)					Middle	1st	17.9	7.8	32.5	8.0	101.8	8.9	10.5			
	Mid-Ebb	CS2(A)					Middle	2nd	17.9	7.8	32.5	7.9	101.8	8.8	11.3			
	Mid-Ebb	CS2(A)					Bottom	1st	18.1	7.8	33.3	8.3	8.3	107.6	14.7		10.0	
	Mid-Ebb	CS2(A)					Bottom	2nd	18.1	7.8	33.3	8.3		107.4	14.3		10.9	
2020-02-17	Mid-Ebb	SR2(A)	Cloudy	Rough	7:48:00	9.8	Surface	1st	17.9	7.8	32.5	7.5	7.6	95.7	12.7	14.1	23.6	22.6
	Mid-Ebb	SR2(A)					Surface	2nd	17.9	7.8	32.5	7.5		95.6	12.7		21.6	
	Mid-Ebb	SR2(A)					Middle	1st	17.8	7.8	32.4	7.6	97.0	13.6	23.5			
	Mid-Ebb	SR2(A)					Middle	2nd	17.8	7.8	32.4	7.6	96.9	13.6	22.5			
	Mid-Ebb	SR2(A)					Bottom	1st	17.8	7.8	32.4	7.7	7.7	98.9	15.9		23.1	
	Mid-Ebb	SR2(A)					Bottom	2nd	17.8	7.8	32.4	7.7		98.4	15.8		21.5	
2020-02-17	Mid-Flood	CS(Mf)5	Fine	Moderate	13:52:00	14.6	Surface	1st	18.6	7.8	33.9	6.8	6.8	88.6	2.8	4.6	7.2	8.2
	Mid-Flood	CS(Mf)5					Surface	2nd	18.6	7.8	33.9	6.8		88.7	2.7		8.0	
	Mid-Flood	CS(Mf)5					Middle	1st	18.6	7.8	33.9	6.7	87.7	4.6	7.8			
	Mid-Flood	CS(Mf)5					Middle	2nd	18.6	7.8	33.9	6.7	87.7	4.5	8.1			
	Mid-Flood	CS(Mf)5					Bottom	1st	18.6	7.8	33.9	6.8	6.8	88.8	6.5		8.5	
	Mid-Flood	CS(Mf)5					Bottom	2nd	18.6	7.8	33.9	6.8		88.7	6.7		9.6	
2020-02-17	Mid-Flood	SR3(N)	Fine	Moderate	12:25:00	3.9	Surface	1st	18.4	7.7	32.6	7.3	7.3	94.3	5.1	5.9	10.5	10.4
	Mid-Flood	SR3(N)					Surface	2nd	18.4	7.7	32.6	7.3		94.3	5.1		9.4	
	Mid-Flood	SR3(N)					Middle	1st										
	Mid-Flood	SR3(N)					Middle	2nd										
	Mid-Flood	SR3(N)					Bottom	1st	18.4	7.7	32.6	7.5	7.5	97.1	6.6		11.3	
	Mid-Flood	SR3(N)					Bottom	2nd	18.4	7.7	32.6	7.5		96.9	6.6		10.2	
2020-02-17	Mid-Flood	CS2(A)	Fine	Moderate	11:47:00	7.3	Surface	1st	17.9	7.7	33.4	7.5	7.5	97.0	4.5	4.3	11.0	10.6
	Mid-Flood	CS2(A)					Surface	2nd	17.9	7.7	33.4	7.5		96.9	4.5		11.7	
	Mid-Flood	CS2(A)					Middle	1st	17.9	7.7	33.6	7.5	96.7	4.2	11.0			
	Mid-Flood	CS2(A)					Middle	2nd	17.9	7.7	33.6	7.5	96.5	4.3	11.8			
	Mid-Flood	CS2(A)					Bottom	1st	18.0	7.7	33.9	7.5	7.5	97.3	4.1		8.6	
	Mid-Flood	CS2(A)					Bottom	2nd	18.0	7.7	33.9	7.5		97.3	4.1		9.5	
2020-02-17	Mid-Flood	SR2(A)	Fine	Moderate	12:07:00	8.9	Surface	1st	18.6	7.7	32.6	7.2	7.3	93.1	4.9	5.6	10.4	9.9
	Mid-Flood	SR2(A)					Surface	2nd	18.6	7.7	32.6	7.2		93.1	4.8		10.4	
	Mid-Flood	SR2(A)					Middle	1st	18.5	7.6	32.6	7.3	94.3	5.7	10.6			
	Mid-Flood	SR2(A)					Middle	2nd	18.5	7.6	32.6	7.3	94.3	5.6	9.6			
	Mid-Flood	SR2(A)					Bottom	1st	18.5	7.6	32.6	7.5	7.5	96.6	6.4		8.6	
	Mid-Flood	SR2(A)					Bottom	2nd	18.5	7.6	32.6	7.5		96.5	6.3		9.5	







