

Water Quality Monitoring Results at CS1 - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)			Copper (µm/L)			Total PAH (µm/L)					
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
1-Nov-18	Cloudy	Moderate	4:52	Surface	1	25.1	25.1	33.1	33.1	8.21	8.22	99.80	102.90	6.82	6.94	6.90	2.4	2.4	2.4	5.1	5.2	6.2	1.0	1.0	1.0	<1.6	1.6	1.6			
						25.1		33.1		8.22		102.00		7.03			6.97			2.3			5.2			<1.0			<1.6		
						25.1		33.1		8.22		102.00		6.97			2.4			5.4			<1.0			<1.6					
				Middle	10.1	25.1	25.1	33.2	33.2	8.19	8.20	99.50	100.20	6.80	6.86	6.82	2.5	2.5	2.4	2.5	2.5	2.4	5.6	5.6	6.2	1.0	1.0	1.0	<1.6	1.6	1.6
						25.1		33.2		8.20		101.50		6.85			6.94			2.5			5.8			<1.0			<1.6		
						25.1		33.2		8.20		101.50		6.94			2.5			5.6			<1.0			<1.6					
				Bottom	19.0	25.1	25.1	33.3	33.3	8.20	8.19	99.50	100.60	6.81	6.82	6.82	2.5	2.5	2.4	2.5	2.5	2.4	7.5	7.7	6.2	1.0	1.0	1.0	<1.6	1.6	1.6
						25.1		33.3		8.20		99.10		6.88			6.78			2.5			7.8			<1.0			<1.6		
						25.1		33.3		8.18		99.10		6.78			2.3			7.7			<1.0			<1.6					
3-Nov-18	Fine	Moderate	7:53	Surface	1	24.7	24.7	32.9	33.0	8.21	8.21	96.90	97.07	6.66	6.67	6.69	3.0	2.8	2.9	4.0	4.4	5.1	<1.0	1.0	1.0	<1.6	1.6	1.6			
						24.8		32.9		8.20		97.60		6.64			6.70			2.8			4.4			<1.0			<1.6		
						24.7		33.3		8.21		97.60		6.70			6.71			2.8			4.1			<1.0			<1.6		
				Middle	11.1	24.7	24.7	33.3	33.2	8.23	8.22	97.60	97.77	6.70	6.71	6.72	3.1	3.1	3.4	3.2	5.4	5.4	5.1	<1.0	1.0	1.0	<1.6	1.6	1.6		
						24.7		33.2		8.21		98.10		6.70			6.73			2.9				5.4			<1.0			<1.6	
						24.7		33.2		8.21		98.10		6.73			6.71			2.9				5.4			<1.0			<1.6	
				Bottom	21.1	24.7	24.7	33.3	33.3	8.22	8.22	97.60	97.90	6.70	6.72	6.72	4.4	4.2	4.3	4.4	5.8	5.8	5.1	<1.0	1.0	1.0	<1.6	1.6	1.6		
						24.7		33.3		8.21		98.40		6.75			6.72			4.2				5.7			<1.0			<1.6	
						24.7		33.3		8.22		97.70		6.71			6.71			4.3				6.0			<1.0			<1.6	
6-Nov-18	Sunny	Moderate	10:08	Surface	1	24.8	24.8	33.1	33.1	8.19	8.19	85.30	85.53	5.86	5.88	5.87	3.9	3.7	3.8	6.6	6.3	6.1	<1.0	1.0	1.0	<1.6	1.6	1.6			
						24.9		33.1		8.19		85.70		5.89			5.88			3.7			6.3			<1.0			<1.6		
						24.8		33.1		8.19		85.60		5.88			3.8			6.4			<1.0			<1.6					
				Middle	10.9	24.8	24.8	33.1	33.1	8.19	8.19	85.10	85.23	5.85	5.86	5.85	4.5	4.4	4.5	4.5	6.7	6.4	6.1	<1.0	1.0	1.0	<1.6	1.6	1.6		
						24.8		33.1		8.19		85.40		5.87			5.86			4.4				6.4			<1.0			<1.6	
						24.8		33.1		8.19		85.20		5.85			5.85			4.6				6.1			<1.0			<1.6	
				Bottom	20.7	24.8	24.8	33.1	33.1	8.19	8.19	85.10	85.13	5.85	5.85	5.85	4.4	4.3	4.4	4.4	5.0	6.3	5.5	6.1	<1.0	1.0	1.0	<1.6	1.6	1.6	
						24.8		33.1		8.19		85.10		5.85			5.85			4.3					6.3			<1.0			<1.6
						24.8		33.1		8.19		85.20		5.85			5.85			4.5					5.2			<1.0			<1.6
8-Nov-18	Cloudy	Moderate	12:04	Surface	1	25.3	25.3	33.0	33.1	8.18	8.18	80.10	80.20	5.46	5.47	5.43	3.1	3.0	3.0	8.7	7.4	7.0	<1.0	1.0	1.0	<1.6	1.6	1.6			
						25.3		33.1		8.18		79.90		5.45			5.47			3.0			7.4			<1.0			<1.6		
						25.3		33.1		8.18		80.60		5.49			5.47			3.0			7.5			<1.0			<1.6		
				Middle	11.2	24.9	24.9	33.2	33.2	8.19	8.18	78.80	78.50	5.40	5.38	5.38	3.4	3.6	3.6	3.4	7.7	7.7	7.0	<1.0	1.0	1.0	<1.6	1.6	1.6		
						24.9		33.2		8.18		78.30		5.37			5.38			3.6				8.0			<1.0			<1.6	
						24.9		33.2		8.18		78.40		5.38			5.38			3.8				7.5			<1.0			<1.6	
				Bottom	21.4	24.8	24.8	33.2	33.2	8.19	8.19	79.10	79.03	5.43	5.44	5.43	4.6	4.7	4.7	4.6	5.7	5.4	5.4	7.0	<1.0	1.0	1.0	<1.6	1.6	1.6	
						24.8		33.2		8.20		79.20		5.44			5.43			4.7					5.4			<1.0			<1.6
						24.8		33.2		8.18		78.80		5.41			5.43			4.9					5.1			<1.0			<1.6
10-Nov-18	Sunny	Calm	0:36	Surface	1	24.2	24.1	34.2	34.2	8.17	8.17	80.90	81.40	5.59	5.62	5.59	2.2	2.1	2.1	3.8	3.2	3.7	1.0	1.0	1.0	<1.6	1.6	1.6			
						24.2		34.2		8.16		82.00		5.66			5.62			2.1			3.2			<1.0			<1.6		
						24.1		34.2		8.17		81.30		5.61			5.61			2.0			2.7			<1.0			<1.6		
				Middle	10.8	24.2	24.2	34.2	34.2	8.17	8.16	80.40	80.40	5.55	5.55	5.55	2.3	2.2	2.3	2.3	3.5	3.9	3.7	<1.0	1.0	1.0	<1.6	1.6	1.6		
						24.2		34.2		8.16		80.40		5.55			5.55			2.2				3.9			<1.0			<1.6	
						24.2		34.2		8.16		80.40		5.55			5.55			2.3				4.2			<1.0			<1.6	
				Bottom	20.5	24.2	24.2	34.2	34.2	8.16	8.16	80.10	80.17	5.53	5.53	5.53	2.6	2.5	2.5	2.6	4.0	3.9	3.7	<1.0	1.0	1.0	<1.6	1.6	1.6		
						24.2		34.2		8.16		80.10		5.53			5.53			2.5				4.0			<1.0			<1.6	
						24.2		34.2		8.17		80.30		5.54			5.53			2.4				3.8			<1.0			<1.6	
13-Nov-18	Cloudy	Moderate	1:47	Surface	1	24.3	24.3	33.8	33.8	7.97	7.98	71.20	68.33	4.91	4.71	4.69	2.0	2.1	2.0	2.8	2.8	2.2	1.0	1.0	1.0	<1.6	1.6	1.6			
						24.3		33.8		7.98		67.10		4.63			4.71			2.1			2.8			<1.0			<1.6		
						24.3		33.8		7.97		66.70		4.60			4.62			2.0			2.6			<1.0			<1.6		
				Middle	10.5	24.3	24.3	33.9	33.9	7.98	7.98	66.10	67.60	4.57	4.67	4.67	3.1	3.1	3.1	3.1	1.9	2.4	2.2	<1.0	1.0	1.0	<1.6	1.6	1.6		
						24.3		33.9		7.97		71.00		4.90			4.67			3.1				2.4			<1.0			<1.6	
						24.3		33.9		8.00		65.70		4.53			4.62			3.1				1.2			<1.0			<1.6	
				Bottom	20.0	24.3	24.3	33.9	33.9	7.95	7.97	69.70	66.90	4.82	4.62	4.62	3.3	3.1	3.2	3.3	1.9	1.7	1.9	2.2	<1.0	1.0	1.0	<1.6	1.6	1.6	
						24.3		33.9		8.00		65.40		4.52			4.62			3.1					1.7			<1.0			<1.6
						24.3		33.9		7.97		65.60		4.52			4.62			3.2					2.2			<1.0			<1.6

Water Quality Monitoring Results at CS1 - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)			Suspended Solids (mg/L)			Copper (µm/L)			Total PAH (µm/L)								
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*					
15-Nov-18	Fine	Moderate	4:11	Surface	1	23.8	23.8	34.2	34.2	8.06	8.05	73.30	74.50	5.08	5.16	5.11	2.1	2.1	2.2	3.6	3.2	3.0	<1	1.0	1.0	<1.6	1.6	1.6					
						23.8		34.2		8.04		75.90		5.26			2.2			<1			<1.6										
						23.8		34.2		8.05		74.30		5.15			2.1			<1			<1.6										
				Middle	11.2	23.8	23.8	34.2	34.2	8.05	8.05	73.60	72.83	5.10	5.05		2.2	2.3		3.9	3.8		3.0	<1		1.0	1.0		<1	1.0	<1.6	1.6	1.6
						23.8		34.2		8.06		72.40		5.02			2.4			<1				<1.6									
						23.8		34.2		8.06		72.50		5.03			2.3			<1				<1.6									
Bottom	21.3	23.8	23.8	34.2	34.2	8.04	8.05	73.60	72.90	5.10	5.05	2.1	2.3	1.9	2.1	2.1	<1	1.0	1.0	<1	1.0	<1.6		1.6	1.6								
		23.8		34.2		8.06		73.10		5.07		2.3		<1			<1.6																
		23.8		34.2		8.06		72.00		4.99		2.4		<1			<1.6																
17-Nov-18	Cloudy	Moderate	6:54	Surface	1	23.7	23.7	34.2	34.1	7.99	7.98	69.80	69.97	4.85	4.86		4.85	1.1		1.1	1.2	2.7	2.9	2.6		<1	1.0	1.0	<1.6	1.6	1.6		
						23.7		34.1		7.98		70.30		4.89				1.1				<1				<1.6							
						23.7		34.1		7.97		69.80		4.85				1.0				<1				<1.6							
				Middle	11.1	23.7	23.7	34.2	34.2	7.99	7.98	69.00	69.60	4.79	4.83	1.2		1.1	2.5	2.7		2.6	<1		1.0	1.0	<1		1.0	<1.6		1.6	1.6
						23.7		34.2		7.97		69.60		4.83		1.1			<1				<1.6										
						23.7		34.2		7.98		70.20		4.88		1.1			<1				<1.6										
Bottom	21.2	23.7	23.7	34.2	34.2	7.98	7.97	69.70	70.17	4.84	4.87	1.3	1.3	2.2	2.2	2.2	<1	1.0	1.0	<1	1.0		<1.6	1.6	1.6								
		23.7		34.2		7.97		70.40		4.89		1.3		<1			<1.6																
		23.7		34.2		7.97		70.40		4.89		1.4		<1			<1.6																
20-Nov-18	Cloudy	Moderate	9:15	Surface	1	23.8	23.8	34.2	34.2	8.09	8.08	76.90	76.50	5.34	5.31		5.28	2.0		2.1	2.3	6.0	6.1	6.6		<1	1.0	1.0	<1.6	1.6	1.6		
						23.8		34.2		8.07		76.10		5.28				2.1				<1				<1.6							
						23.8		34.2		8.07		76.50		5.31				2.1				<1				<1.6							
				Middle	11.0	23.8	23.8	34.2	34.2	8.07	8.08	75.50	75.53	5.24	5.25	2.2		2.3	6.7	6.8		6.6	<1		1.0	1.0	<1		1.0	<1.6		1.6	1.6
						23.8		34.2		8.07		75.40		5.24		2.4			<1				<1.6										
						23.8		34.2		8.10		75.70		5.26		2.3			<1				<1.6										
Bottom	21.0	23.8	23.8	34.2	34.2	8.08	8.09	75.50	75.43	5.24	5.24	2.4	2.4	7.1	7.0	7.0	<1	1.0	1.0	<1	1.0		<1.6	1.6	1.6								
		23.8		34.2		8.08		75.30		5.23		2.4		<1			<1.6																
		23.8		34.2		8.11		75.50		5.24		2.5		<1			<1.6																
22-Nov-18	Cloudy	Moderate	10:30	Surface	1	23.6	23.6	34.2	34.2	8.07	8.07	85.30	85.53	5.94	5.96		5.94	2.2		2.1	2.4	3.7	4.0	4.0		<1	1.0	1.0	<1.6	1.6	1.6		
						23.6		34.2		8.08		85.60		5.96				2.0				<1				<1.6							
						23.6		34.2		8.05		85.70		5.97				2.0				<1				<1.6							
				Middle	11.1	23.6	23.5	34.3	34.3	8.10	8.09	84.60	85.00	5.90	5.93	2.5		2.4	3.9	4.0		4.0	<1		1.0	1.0	<1		1.0	<1.6		1.6	1.6
						23.5		34.3		8.10		85.10		5.94		2.5			<1				<1.6										
						23.6		34.3		8.08		85.30		5.94		2.3			<1				<1.6										
Bottom	21.2	23.5	23.5	34.3	34.3	8.10	8.10	84.10	84.57	5.87	5.90	2.6	2.6	3.8	4.0	4.0	<1	1.0	1.0	<1	1.0		<1.6	1.6	1.6								
		23.5		34.3		8.09		84.60		5.90		2.6		<1			<1.6																
		23.5		34.3		8.10		85.00		5.93		2.7		<1			<1.6																
24-Nov-18	Sunny	Moderate	13:28	Surface	1	23.3	23.3	33.2	33.3	8.15	8.15	79.50	79.27	5.58	5.56		5.55	4.4		4.4	5.8	4.8	4.7	5.0		<1	1.0	1.2	<1.6	1.6	1.6		
						23.3		33.3		8.15		79.00		5.55				4.4				<1				<1.6							
						23.3		33.3		8.15		79.30		5.56				4.3				<1				<1.6							
				Middle	10.7	23.2	23.2	33.3	33.3	8.16	8.15	78.80	79.07	5.52	5.54	6.6		6.6	4.7	4.4		5.0	1.0		1.3	1.0	<1		1.0	<1.6		1.6	1.6
						23.2		33.3		8.15		79.40		5.57		6.5			<1				<1.6										
						23.2		33.3		8.15		79.00		5.54		6.6			<1				<1.6										
Bottom	20.3	23.2	23.2	33.3	33.2	8.15	8.15	78.80	78.47	5.53	5.51	6.5	6.5	5.7	5.8	5.8	2.0	1.3	1.0	<1	1.0		<1.6	1.6	1.6								
		23.2		33.3		8.16		78.10		5.48		6.5		<1			<1.6																
		23.2		33.2		8.15		78.50		5.51		6.6		<1			<1.6																
27-Nov-18	Fine	Moderate	2:14	Surface	1	22.9	22.9	33.9	33.9	8.07	8.07	84.90	82.80	6.00	5.85		5.72	4.4		4.4	5.5	10.1	10.2	10.0		1.0	1.0	1.0	<1.6	1.6	1.6		
						22.9		33.9		8.07		80.30		5.68				4.3				<1				<1.6							
						22.9		33.9		8.07		83.20		5.88				4.5				<1				<1.6							
				Middle	11.2	22.8	22.8	34.0	34.0	8.08	8.08	79.90	78.93	5.65	5.58	5.8		6.0	10.2	10.5		10.0	1.0		1.0	1.0	<1		1.0	<1.6		1.6	1.6
						22.8		34.0		8.06		78.20		5.53		6.0			<1				<1.6										
						22.8		34.0		8.09		78.70		5.56		6.1			<1				<1.6										
Bottom	21.3	22.8	22.8	34.0	34.0	8.07	8.07	79.00	78.83	5.59	5.57	6.2	6.2	9.4	9.3	8.2	<1	1.0	8.7	<1	1.0		<1.6	1.6	1.6								
		22.8		34.0		8.09		78.50		5.55		6.1		<1			<1.6																
		22.8		34.0		8.05		79.00		5.58		6.4		<1			<1.6																
29-Nov-18	Fine	Moderate	4:16	Surface	1	22.6	22.6	33.8	33.8	8.27	8.28	83.40	81.93	5.92	5.81		5.77	3.1		3.2	3.4	10.4	10.0	8.2		9.0	8.7	8.7	<1.6	1.6	1.6		
						22.6		33.8		8.29		81.10		5.75				3.2				<1				<1.6							
						22.6		33.8		8.28		81.30		5.77				3.2				<1				<1.6							
				Middle	11.2	22.5	22.5	33.8	33.8	8.30	8.29	82.10	80.77	5.63	5.73	3.3		3.3	8.0	7.6		8.2	9.0		8.7	8.7	<1		1.0	<1.6		1.6	1.6
						22.5		33.8		8.30		80.20		5.69		3.3			<1				<1.6										
						22.5		33.8		8.28		80.00		5.68		3.4			<1				<1.6										
Bottom	21.3	22.5	22.5	33.8	33.8	8.30	8.30	80.10	80.40	5.69	5.70	3.6	3.8	7.6	6.9	6.8	8.0	8.3	8.0	<1	1.0		<1.6	1.6	1.6								
		22.5		33.8		8.30		81.40		5.77		3.8		<1			<1.6																
		22.5		33.8		8.30		79.70		5.65		3.9		<1			<1.6																

Water Quality Monitoring Results at CS1 - Mid-Flood Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)			Copper (µm/L)		Total PAH (µm/L)				
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
15-Nov-18	Fine	Moderate	17:49	Surface	1	23.9	23.9	34.0	34.0	8.08	8.08	74.10	74.63	5.14	5.18	5.10	2.3	2.1	2.2	4.4	4.8	3.8	<1	1.0	1.0	<1.6	1.6	1.6	
						23.9		34.0		8.09		76.10		5.28			2.0			<1			<1.6						
						23.9		34.0		8.08		73.70		5.11			2.1			<1			<1.6						
				Middle	10.8	23.9	23.9	34.2	34.2	8.14	8.15	71.90	72.43	4.99	5.03	4.89	2.2	2.2	2.2	2.2	3.6	3.2	3.8	<1	1.0	1.0	<1.6	1.6	1.6
						23.9		34.2		8.16		72.80		5.05			2.3		<1		<1.6								
						23.9		34.2		8.14		72.60		5.04			2.0		<1		<1.6								
				Bottom	20.6	23.9	23.9	34.2	34.2	8.13	8.14	70.00	70.47	4.85	4.89	4.89	2.1	2.3	2.8	3.3	<1	1.0	1.0	<1	1.0	1.0	<1.6	1.6	1.6
						23.9		34.2		8.14		71.20		4.94			2.3		<1		<1.6								
						23.9		34.2		8.16		70.20		4.87			2.4		<1		<1.6								
17-Nov-18	Cloudy	Moderate	15:34	Surface	1	23.8	23.8	34.0	34.0	8.06	8.06	65.90	65.77	4.58	4.57	4.58	1.1	1.1	1.1	3.3	2.7	2.9	1.0	1.0	1.0	<1.6	1.6	1.6	
						23.8		34.0		8.06		65.60		4.56			1.1			<1			<1.6						
						23.8		34.0		8.06		65.80		4.57			1.1			<1			<1.6						
				Middle	11.3	23.8	23.8	34.0	34.0	8.07	8.06	66.30	65.93	4.61	4.58	4.59	1.2	1.1	1.1	3.0	2.9	3.0	2.9	<1	1.0	1.0	<1.6	1.6	1.6
						23.8		34.0		8.06		66.00		4.59			1.1		<1		<1.6								
						23.8		34.0		8.06		65.50		4.55			1.1		<1		<1.6								
				Bottom	21.6	23.8	23.8	34.1	34.0	8.06	8.06	66.10	66.00	4.59	4.59	4.59	1.1	1.1	3.0	3.0	<1	1.0	1.0	<1	1.0	1.0	<1.6	1.6	1.6
						23.8		34.0		8.07		66.50		4.63			1.2		<1		<1.6								
						23.8		34.0		8.06		65.40		4.55			1.1		<1		<1.6								
20-Nov-18	Cloudy	Moderate	17:05	Surface	1	23.8	23.8	34.2	34.2	8.15	8.16	82.30	82.50	5.72	5.73	5.71	2.2	2.2	2.4	4.1	4.3	5.8	2.0	2.0	1.3	<1.6	1.6	1.6	
						23.8		34.2		8.16		82.60		5.74			2.3			<1			<1.6						
						23.8		34.2		8.16		82.60		5.74			2.2			<1			<1.6						
				Middle	11.1	23.8	23.8	34.2	34.2	8.16	8.16	81.60	81.77	5.67	5.68	5.69	2.5	2.4	2.4	6.4	6.2	6.4	5.8	1.0	1.0	1.0	<1.6	1.6	1.6
						23.8		34.2		8.15		81.80		5.68			2.3		<1		<1.6								
						23.8		34.2		8.16		81.90		5.69			2.3		<1		<1.6								
				Bottom	21.2	23.8	23.8	34.2	34.2	8.15	8.15	82.10	82.03	5.70	5.70	5.70	2.5	2.5	2.5	6.8	6.8	6.8	<1	1.0	1.0	<1.6	1.6	1.6	
						23.8		34.2		8.15		81.80		5.69			2.4		<1		<1.6								
						23.8		34.2		8.16		82.20		5.71			2.5		<1		<1.6								
22-Nov-18	Cloudy	Moderate	17:59	Surface	1	23.7	23.7	34.2	34.2	8.13	8.13	83.10	83.27	5.80	5.81	5.82	1.9	1.9	2.5	3.5	3.6	4.6	<1	1.0	1.0	<1.6	1.6	1.6	
						23.7		34.2		8.13		83.50		5.82			2.0			<1			<1.6						
						23.7		34.2		8.13		83.20		5.80			1.9			<1			<1.6						
				Middle	11.2	23.6	23.6	34.3	34.3	8.16	8.16	83.70	83.57	5.83	5.83	5.83	2.4	2.5	2.5	5.1	5.1	5.1	4.6	<1	1.0	1.0	<1.6	1.6	1.6
						23.6		34.3		8.16		83.40		5.82			2.6		<1		<1.6								
						23.6		34.3		8.16		83.60		5.83			2.4		<1		<1.6								
				Bottom	21.4	23.6	23.6	34.3	34.3	8.17	8.17	83.40	83.27	5.81	5.81	5.81	3.1	3.2	3.2	5.0	4.8	5.0	4.6	<1	1.0	1.0	<1.6	1.6	1.6
						23.6		34.3		8.17		83.10		5.80			3.2		<1		<1.6								
						23.6		34.3		8.18		83.30		5.81			3.2		<1		<1.6								
24-Nov-18	Fine	Moderate	6:58	Surface	1	23.2	23.2	33.2	33.2	8.11	8.11	81.70	81.73	5.73	5.73	5.71	2.2	2.2	2.2	6.2	6.2	6.5	<1	1.0	1.0	<1.6	1.6	1.6	
						23.2		33.2		8.10		82.70		5.81			2.3			<1			<1.6						
						23.2		33.2		8.11		80.80		5.66			2.1			<1			<1.6						
				Middle	10.5	23.1	23.1	33.2	33.2	8.11	8.11	81.60	81.10	5.72	5.69	5.69	2.2	2.3	2.3	7.3	6.9	6.5	<1	1.0	1.0	<1.6	1.6	1.6	
						23.1		33.2		8.11		81.10		5.68			2.3		<1		<1.6								
						23.1		33.2		8.11		80.60		5.66			2.3		<1		<1.6								
				Bottom	20.0	23.1	23.1	33.2	33.2	8.10	8.11	80.70	80.53	5.66	5.65	5.65	2.2	2.2	2.2	6.2	6.3	6.5	<1	1.0	1.0	<1.6	1.6	1.6	
						23.1		33.3		8.11		80.60		5.66			2.2		<1		<1.6								
						23.0		33.2		8.11		80.30		5.63			2.3		<1		<1.6								
27-Nov-18	Fine	Moderate	10:50	Surface	1	22.8	22.8	34.0	34.0	8.17	8.16	83.90	83.83	5.94	5.93	5.92	2.6	2.8	3.0	10.1	10.8	11.3	<1	1.0	1.1	<1.6	1.6	1.6	
						22.8		34.1		8.15		83.20		5.89			2.9			<1			<1.6						
						22.8		34.0		8.16		84.40		5.97			2.8			<1			<1.6						
				Middle	11.1	22.7	22.7	34.2	34.2	8.21	8.20	83.50	83.47	5.91	5.90	5.90	3.1	3.0	3.0	10.7	11.1	11.3	<1	1.0	1.1	<1.6	1.6	1.6	
						22.7		34.2		8.20		83.70		5.92			2.9		<1		<1.6								
						22.7		34.2		8.19		83.20		5.88			3.0		<1		<1.6								
				Bottom	21.1	22.7	22.7	34.2	34.2	8.19	8.20	83.10	82.80	5.88	5.86	5.86	3.0	3.1	3.1	12.3	11.9	11.3	1.0	1.3	1.3	<1.6	1.6	1.6	
						22.7		34.2		8.22		83.00		5.87			3.3		<1		<1.6								
						22.8		34.2		8.18		82.30		5.83			3.1		<1		<1.6								
29-Nov-18	Sunny	Moderate	12:41	Surface	1	22.7	22.7	33.8	33.8	8.21	8.22	79.60	79.87	5.65	5.67	5.64	2.6	2.7	2.9	7.3	7.4	7.6	8.0	8.0	7.3	<1.6	1.6	1.6	
						22.7		33.8		8.22		79.90		5.67			2.7			<1			<1.6						
						22.7		33.8		8.23		90.10		5.68			2.7			<1			<1.6						
				Middle	11.1	22.7	22.7	33.8	33.9	8.22	8.23	78.60	79.00	5.57	5.60	5.60	2.9	2.9	2.9	8.2	8.2	7.6	7.0	7.7	7.3	<1.6	1.6	1.6	
						22.7		33.8		8.22		78.90		5.60			3.1		<1		<1.6								
						22.7		33.9		8.24		79.50		5.64			2.8		<1		<1.6								
				Bottom	20.9	22.7	22.7	33.9	33.9	8.22	8.23	78.30	78.70	5.55	5.58	5.58	2.9	3.0	3.0	6.7	7.3	7.6	6.0	6.3	6.3	<1.6	1.6	1.6	
						22.7		33.8		8.22		79.10		5.61			3.1		<1		<1.6								
						22.7		33.9		8.25		78.70		5.58			3.0		<1		<1.6								

Water Quality Monitoring Results at CS2 - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)			Copper (µm/L)			Total PAH (µm/L)			
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
1-Nov-18	Cloudy	Moderate	5:36	Surface	1	25.1	25.1	33.1	33.1	8.23	8.23	102.70	102.93	7.02	7.04	7.02	2.0	1.9	1.9	7.1	7.2	7.8	1.0	1.0	1.1	<1.6	1.6	1.6	
						25.1		33.1		8.24		103.00		7.04			1.9			6.9			7.2			1.0			<1.6
						25.1		33.1		8.23		103.10		7.05			1.8			7.5			<1			<1.6			
				Middle	6.1	25.1	25.1	33.1	33.1	8.22	8.22	102.60	102.33	7.02	101.70	7.02	2.0	1.9	1.9	7.4	7.5	7.8	1.0	1.0	1.1	<1	1.6	1.6	
						25.1		33.1		8.22		102.70		7.02			1.9			7.5			<1			<1.6			
						25.1		33.1		8.22		102.70		7.02			1.9			7.5			<1			<1.6			
				Bottom	11.0	25.1	25.1	33.1	33.1	8.22	8.22	101.60	101.30	6.95	101.73	6.96	2.0	2.0	2.0	8.8	8.8	7.8	<1	1.3	1.1	<1	1.6	1.6	
						25.1		33.1		8.22		102.30		6.99			2.0			9.0			<1			<1.6			
						25.1		33.1		8.22		101.30		6.93			2.0			8.7			<1			<1.6			
3-Nov-18	Fine	Moderate	8:36	Surface	1	24.7	24.7	33.1	33.1	8.23	8.23	97.20	97.00	6.67	6.66	6.68	2.5	2.9	2.7	5.2	5.2	5.3	<1	1.0	1.0	<1.6	1.6	1.6	
						24.7		33.0		8.23		96.80		6.65			2.7			5.3			<1			<1.6			
						24.7		33.3		8.25		97.70		6.71			4.0			5.0			<1			<1.6			
				Middle	6.2	24.7	24.7	33.2	33.3	8.25	8.25	97.50	97.43	6.70	88.50	6.69	3.6	3.8	3.8	5.1	5.1	5.3	<1	1.0	1.0	<1	1.6	1.6	
						24.7		33.3		8.25		97.10		6.67			3.7			5.2			<1			<1.6			
						24.7		33.3		8.25		96.90		6.65			4.9			5.7			<1			<1.6			
				Bottom	11.3	24.7	24.7	33.3	33.3	8.25	8.25	97.00	96.83	6.67	87.00	6.65	5.0	4.9	4.9	5.5	5.7	5.3	<1	1.0	1.0	<1	1.6	1.6	
						24.7		33.3		8.25		96.60		6.63			4.7			5.9			<1			<1.6			
						24.7		33.3		8.25		96.60		6.63			4.7			5.9			<1			<1.6			
6-Nov-18	Sunny	Moderate	10:48	Surface	1	24.9	24.9	33.1	33.1	8.22	8.22	87.90	87.50	6.03	6.00	6.01	3.6	3.5	3.5	5.7	6.0	6.3	<1	1.0	1.0	<1.6	1.6	1.6	
						24.9		33.1		8.22		87.40		5.99			3.5			5.6			<1			<1.6			
						24.9		33.1		8.23		87.20		5.98			3.5			6.7			<1			<1.6			
				Middle	6.0	24.6	24.7	33.1	33.1	8.23	8.23	86.80	87.37	5.98	88.50	6.01	3.4	3.5	3.5	6.6	6.4	6.3	<1	1.0	1.0	<1	1.6	1.6	
						24.7		33.1		8.23		86.50		5.98			3.6			6.7			<1			<1.6			
						24.7		33.1		8.23		86.80		5.98			3.4			6.0			<1			<1.6			
				Bottom	11.1	24.6	24.6	33.2	33.2	8.24	8.23	89.50	87.70	6.17	86.40	6.04	3.6	3.4	3.4	6.5	6.5	6.3	<1	1.0	1.0	<1	1.6	1.6	
						24.7		33.1		8.23		86.40		5.95			3.3			6.7			<1			<1.6			
						24.6		33.1		8.23		87.20		6.01			3.4			6.3			<1			<1.6			
8-Nov-18	Cloudy	Moderate	11:14	Surface	1	25.4	25.4	33.0	33.0	8.16	8.16	77.10	77.23	5.25	5.26	5.29	1.6	1.6	1.6	5.8	5.7	6.9	<1	1.0	1.0	<1.6	1.6	1.6	
						25.4		33.0		8.16		76.90		5.23			1.6			6.1			<1			<1.6			
						25.4		33.0		8.16		77.70		5.29			1.5			5.3			<1			<1.6			
				Middle	6.2	24.8	24.8	33.2	33.2	8.19	8.19	77.30	77.50	5.31	78.00	5.32	2.1	2.2	2.2	7.1	7.3	6.9	<1	1.0	1.0	<1	1.6	1.6	
						24.8		33.2		8.19		77.20		5.30			2.4			7.5			<1			<1.6			
						24.8		33.2		8.19		78.00		5.35			2.0			7.2			<1			<1.6			
				Bottom	11.4	24.8	24.8	33.2	33.2	8.19	8.19	77.30	77.10	5.30	76.90	5.29	2.8	3.0	3.0	7.8	7.6	6.9	<1	1.0	1.0	<1	1.6	1.6	
						24.8		33.2		8.19		76.90		5.28			3.2			7.5			<1			<1.6			
						24.8		33.2		8.19		77.10		5.29			3.1			7.5			<1			<1.6			
10-Nov-18	Sunny	Calm	1:17	Surface	1	24.3	24.2	34.1	34.1	8.15	8.15	79.10	80.20	5.46	5.53	5.46	2.1	2.1	2.1	3.1	2.9	3.1	<1	1.0	1.0	<1.6	1.6	1.6	
						24.2		34.1		8.15		81.60		5.63			2.0			3.2			<1			<1.6			
						24.3		34.1		8.15		79.90		5.51			2.1			2.4			<1			<1.6			
				Middle	6.0	24.2	24.2	34.1	34.1	8.15	8.15	78.20	78.10	5.39	78.00	5.38	2.1	2.2	2.2	3.0	3.1	3.1	<1	1.0	1.0	<1	1.6	1.6	
						24.2		34.1		8.16		78.00		5.38			2.2			3.3			<1			<1.6			
						24.3		34.1		8.15		78.10		5.38			2.2			2.9			<1			<1.6			
				Bottom	11.1	24.2	24.2	34.1	34.1	8.17	8.16	77.70	77.70	5.36	77.70	5.36	2.3	2.2	2.2	2.7	3.4	3.1	<1	1.0	1.0	<1	1.6	1.6	
						24.3		34.1		8.15		77.70		5.36			2.2			3.7			<1			<1.6			
						24.3		34.1		8.15		77.70		5.36			2.2			2.7			<1			<1.6			
13-Nov-18	Cloudy	Moderate	2:20	Surface	1	24.2	24.3	33.8	33.8	8.02	8.02	64.70	64.50	4.47	4.45	4.45	2.6	2.6	2.6	2.2	2.3	2.2	1.0	1.0	1.0	<1.6	1.6	1.6	
						24.3		33.8		8.02		64.40		4.44			2.6			2.2			<1			<1.6			
						24.3		33.8		8.03		64.40		4.45			2.7			2.6			<1			<1.6			
				Middle	6.2	24.3	24.3	33.9	33.9	8.04	8.03	64.20	64.23	4.43	64.20	4.44	2.8	2.7	2.7	2.3	2.5	2.2	1.0	1.0	1.0	<1	1.6	1.6	
						24.3		33.9		8.03		64.30		4.44			2.6			2.8			<1			<1.6			
						24.3		33.9		8.03		64.30		4.44			2.7			2.3			<1			<1.6			
				Bottom	11.3	24.3	24.3	33.9	33.9	8.04	8.03	63.30	63.47	4.37	63.40	4.38	2.8	2.8	2.8	1.3	1.7	2.2	1.0	1.0	1.0	<1	1.6	1.6	
						24.3		33.9		8.02		63.70		4.39			1.9			1.9			<1			<1.6			
						24.3		33.9		8.02		63.40		4.38			1.8			1.8			<1			<1.6			

Water Quality Monitoring Results at CS2 - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)			Copper (µm/L)			Total PAH (µm/L)						
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*			
15-Nov-18	Fine	Moderate	4:53	Surface	1	23.8	23.8	34.1	33.3	8.08	8.07	70.60	70.43	4.89	4.88	2.4	2.3	2.3	4.7	4.7	<1	1.0	<1	<1.6	1.6	1.6					
					23.8	33.3	8.04	8.07	70.30	70.43	4.87	4.88	2.3	2.3	4.6	4.6	<1	1.0	<1	<1.6	1.6										
					23.8	34.2	8.09	8.09	70.40	70.43	4.88	4.88	2.3	2.3	4.6	4.6	<1	1.0	<1	<1.6	1.6										
				Middle	6.1	23.8	23.8	34.2	34.2	8.10	8.08	70.30	70.23	4.87	4.87	2.5	2.5	2.5	4.0	4.6	4.6	<1	1.0	1.0	<1		<1.6	1.6			
					23.8	34.2	8.08	8.09	70.20	70.23	4.87	4.86	2.4	2.4	4.7	4.6	<1	1.0	<1	<1.6	1.6										
					23.8	34.2	8.09	8.09	70.20	70.20	4.86	4.86	2.5	2.5	4.6	4.5	<1	1.0	<1	<1.6	1.6										
				Bottom	11.2	23.8	23.8	34.2	34.2	8.08	8.08	70.20	69.93	4.86	4.85	2.4	2.4	2.5	4.9	4.5	4.5	<1	1.0	1.0	<1		<1.6	1.6			
					23.8	34.2	8.08	8.10	70.00	69.60	4.85	4.85	2.4	2.4	4.0	4.5	<1	1.0	<1	<1.6	1.6										
					23.8	34.2	8.10	8.10	69.60	69.60	4.85	4.85	2.6	2.6	4.5	4.5	<1	1.0	<1	<1.6	1.6										
17-Nov-18	Cloudy	Moderate	7:31	Surface	1	23.7	23.7	34.1	34.1	8.02	8.02	67.60	67.63	4.70	4.70	0.8	0.8	0.8	1.9	2.0	<1	1.0	<1	<1.6	1.6	1.6					
					23.7	34.1	34.1	8.02	8.02	67.80	67.63	4.71	4.70	0.9	0.8	2.0	2.0	<1	1.0	<1	<1.6	1.6									
					23.7	34.1	34.1	8.02	8.02	67.50	67.63	4.69	4.68	0.8	0.8	2.2	2.2	<1	1.0	<1	<1.6	1.6									
				Middle	6.2	23.7	23.7	34.1	34.1	8.02	8.02	67.00	67.33	4.66	4.68	0.8	0.9	0.9	2.1	2.3	2.2	2.1	2.3	2.2	<1		1.0	1.0	<1	<1.6	1.6
					23.7	34.1	34.1	8.02	8.02	67.60	67.33	4.69	4.68	1.0	0.9	2.6	2.3	<1	1.0	<1	<1.6	1.6									
					23.7	34.1	34.1	8.02	8.02	67.40	67.33	4.68	4.68	0.8	0.9	2.2	2.3	<1	1.0	<1	<1.6	1.6									
				Bottom	11.4	23.7	23.7	34.1	34.1	8.03	8.03	68.20	67.60	4.74	4.69	0.9	0.9	0.9	2.0	2.4	2.4	2.0	2.4	2.4	<1		1.0	1.0	<1	<1.6	1.6
					23.7	34.1	34.1	8.03	8.03	66.90	67.60	4.64	4.69	0.9	0.9	2.4	2.4	<1	1.0	<1	<1.6	1.6									
					23.7	34.1	34.1	8.02	8.02	67.70	67.60	4.70	4.70	0.8	0.8	2.8	2.8	<1	1.0	<1	<1.6	1.6									
20-Nov-18	Cloudy	Moderate	9:59	Surface	1	23.9	23.8	34.1	34.1	8.06	8.06	76.70	76.50	5.32	5.31	2.1	2.1	2.1	6.7	6.6	<1	1.0	<1	<1.6	1.6	1.6					
					23.9	34.1	34.1	8.06	8.06	76.80	76.50	5.33	5.31	2.1	2.1	6.3	6.6	<1	1.0	<1	<1.6	1.6									
					23.8	34.1	34.1	8.07	8.06	76.00	76.50	5.28	5.31	2.2	2.1	6.8	6.6	<1	1.0	<1	<1.6	1.6									
				Middle	6.1	23.8	23.8	34.1	34.1	8.07	8.07	75.70	75.63	5.25	5.25	2.3	2.2	2.2	7.0	7.0	7.3	7.0	7.0	7.3	<1		1.0	1.0	<1	<1.6	1.6
					23.8	34.1	34.1	8.07	8.07	75.20	75.63	5.23	5.25	2.2	2.2	6.9	7.0	<1	1.0	<1	<1.6	1.6									
					23.8	34.1	34.1	8.07	8.07	76.00	75.63	5.28	5.25	2.2	2.2	7.0	7.0	<1	1.0	<1	<1.6	1.6									
				Bottom	11.2	23.8	23.8	34.2	34.2	8.07	8.07	75.50	75.47	5.24	5.24	2.3	2.3	2.3	8.3	8.3	8.3	8.3	8.3	8.3	<1		1.0	1.0	<1	<1.6	1.6
					23.8	34.2	34.2	8.07	8.07	75.70	75.47	5.26	5.24	2.3	2.3	8.1	8.1	<1	1.0	<1	<1.6	1.6									
					23.8	34.2	34.2	8.07	8.07	75.20	75.47	5.22	5.24	2.4	2.4	8.4	8.4	<1	1.0	<1	<1.6	1.6									
22-Nov-18	Cloudy	Moderate	11:16	Surface	1	23.6	23.6	34.2	34.2	8.12	8.12	84.20	84.17	5.86	5.86	2.0	2.0	2.0	4.1	4.2	<1	1.0	<1	<1.6	1.6	1.6					
					23.6	34.2	34.2	8.11	8.12	83.90	84.17	5.85	5.86	1.9	1.9	4.7	4.2	<1	1.0	<1	<1.6	1.6									
					23.6	34.2	34.2	8.13	8.12	84.40	84.17	5.88	5.86	2.1	2.0	3.8	4.2	<1	1.0	<1	<1.6	1.6									
				Middle	6.2	23.6	23.6	34.3	34.3	8.16	8.15	84.50	84.70	5.89	5.90	2.9	2.6	2.6	3.5	3.7	4.4	3.5	3.7	4.4	<1		1.0	1.0	<1	<1.6	1.6
					23.6	34.3	34.3	8.15	8.15	85.10	84.70	5.93	5.90	2.6	2.6	3.5	3.7	<1	1.0	<1	<1.6	1.6									
					23.6	34.3	34.3	8.15	8.15	84.50	84.70	5.89	5.90	2.4	2.4	4.0	3.7	<1	1.0	<1	<1.6	1.6									
				Bottom	11.4	23.5	23.5	34.3	34.3	8.16	8.16	84.40	84.23	5.89	5.88	3.1	2.9	3.1	5.4	5.2	5.2	5.4	5.2	5.2	<1		1.0	1.0	<1	<1.6	1.6
					23.5	34.3	34.3	8.16	8.17	84.00	84.23	5.86	5.88	2.9	2.9	5.3	5.2	<1	1.0	<1	<1.6	1.6									
					23.5	34.3	34.3	8.18	8.17	84.30	84.23	5.88	5.88	3.2	3.2	5.0	5.2	<1	1.0	<1	<1.6	1.6									
24-Nov-18	Sunny	Moderate	12:41	Surface	1	23.3	23.3	33.2	33.2	8.15	8.16	80.80	80.67	5.67	5.66	2.4	2.4	2.4	5.7	5.6	1.0	1.0	1.0	<1	<1.6	1.6	1.6				
					23.3	33.2	33.2	8.15	8.16	80.30	80.67	5.63	5.66	2.4	2.4	5.7	5.6	<1	1.0	<1	<1.6	1.6									
					23.3	33.2	33.2	8.17	8.16	80.90	80.67	5.68	5.66	2.4	2.4	5.5	5.6	<1	1.0	<1	<1.6	1.6									
				Middle	5.9	23.2	23.2	33.3	33.2	8.16	8.15	79.80	80.23	5.59	5.62	2.5	2.6	2.6	6.5	6.2	5.9	6.5	6.2	5.9	<1	1.0		1.0	<1	<1.6	1.6
					23.2	33.3	33.2	8.15	8.16	80.80	80.23	5.66	5.62	2.6	2.6	5.8	6.2	<1	1.0	<1	<1.6	1.6									
					23.2	33.2	33.2	8.18	8.16	80.10	80.23	5.62	5.62	2.6	2.6	6.2	6.2	<1	1.0	<1	<1.6	1.6									
				Bottom	10.8	23.2	23.2	33.2	33.2	8.16	8.19	79.50	79.87	5.58	5.60	2.5	2.5	2.5	5.9	5.9	5.9	5.9	5.9	5.9	<1	1.0		1.0	<1	<1.6	1.6
					23.2	33.2	33.2	8.15	8.17	79.70	79.87	5.59	5.60	2.5	2.5	5.5	5.9	<1	1.0	<1	<1.6	1.6									
					23.2	33.2	33.2	8.15	8.17	80.40	79.87	5.64	5.60	2.6	2.6	6.2	5.9	<1	1.0	<1	<1.6	1.6									
27-Nov-18	Fine	Moderate	2:59	Surface	1	22.9	22.9	33.9	33.9	8.10	8.10	78.30	78.47	5.54	5.55	4.6	4.7	4.7	8.9	9.4	<1	1.0	<1	<1.6	1.6	1.6					
					22.9	33.9	33.9	8.10	8.10	78.20	78.47	5.53	5.55	4.9	4.9	9.4	9.4	<1	1.0	<1	<1.6	1.6									
					22.9	33.9	33.9	8.10	8.10	78.90	78.47	5.58	5.55	4.9	4.9	9.9	9.4	<1	1.0	<1	<1.6	1.6									
				Middle	6.1	22.9	22.8	33.9	33.9	8.11	8.10	77.50	77.37	5.48	5.47	4.8	4.8	4.9	9.1	9.3	9.6	9.1	9.3	9.6	<1		1.0	1.0	<1	<1.6	1.6
					22.8	33.9	33.9	8.10	8.11	77.40	77.37	5.47	5.47	5.0	4.8	9.7	9.3	<1	1.0	<1	<1.6	1.6									
					22.9	33.9	33.9	8.11	8.11	77.20	77.37	5.46	5.47	4.7	4.8	9.0	9.3	<1	1.0	<1	<1.6	1.6									
				Bottom	11.2	22.9	22.9	33.9	33.9	8.12	8.10	77.20	77.33	5.46	5.47	5.2	5.1	5.1	10.0	10.2	10.2	10.0	10.2	10.2	<1		1.0	1.0	<1	<1.6	1.6
					22.8	34.0	33.9	8.10	8.11	77.50	77.33	5.48	5.47	5.1	5.1	9.5	10.2	<1	1.0	<1	<1.6	1.6									
					22.9	34.0	33.9	8.12	8.11	77.30	77.33	5.47	5.47	4.9	4.9	11.2	10.2	<1	1.0	<1	<1.6	1.6									
29-Nov-18	Fine	Moderate	4:57	Surface	1	22.6	22.6	33.8	33.7	8.24	8.24	81.00	80.90	5.75	5.74	2.3	2.2	2.2	7.9	8.1	8.0	8.7	8.0	8.0	<1	<1.6	1.6	1.6			
					22.6	33.8	33.7	8.25	8.24	81.00	80.90	5.74	5.74	2.2	2.2	8.3	8.1	<1	1.0	<1	<1.6	1.6									
					22.6	33.7	33.7	8.24	8.24	80.70	80.90	5.73	5.74	2.2	2.2	8.0															

Water Quality Monitoring Results at CS2 - Mid-Flood Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)			Copper (µm/L)			Total PAH (µm/L)				
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
15-Nov-18	Fine	Moderate	17:04	Surface	1	23.9	23.9	34.2	34.2	8.14	8.14	77.60	77.43	5.38	5.37	1.7	1.7	1.8	2.2	2.1	2.0	<1	1.0	1.0	<1.6	1.6	1.6			
						23.9		34.2		8.15		76.70		5.32		1.7			2.2			<1			<1.6					
						23.9		34.2		8.14		78.00		5.41		1.7			1.8			<1			<1.6					
				Middle	6.2	23.9	23.9	34.2	34.2	8.16	8.14	77.60	77.30	5.38	5.36	1.7	1.8	1.8	2.3	2.4	2.0	<1	1.0	1.0	<1.6	1.6	1.6			
						23.9		34.2		8.14		76.90		5.33		1.9			2.8			<1			<1.6					
						23.9		34.2		8.14		77.40		5.37		1.8			2.2			<1			<1.6					
				Bottom	11.3	23.9	23.9	34.2	34.2	8.14	8.14	76.70	76.93	5.32	5.34	1.8	1.8	1.8	1.3	1.5	1.5	<1	1.0	1.0	<1	1.0	1.6	1.6		
						23.9		34.2		8.16		76.20		5.29		1.5			1.5			<1			<1.6					
						23.9		34.2		8.16		77.90		5.40		1.8			1.8			<1			<1.6					
17-Nov-18	Cloudy	Moderate	14:50	Surface	1	23.8	23.8	34.1	34.1	8.06	8.06	67.60	67.33	4.70	4.68	1.2	1.2	1.2	3.1	2.9	3.3	<1	1.0	1.0	<1.6	1.6	1.6			
						23.8		34.1		8.06		67.10		4.66		1.1			2.7			<1			<1.6					
						23.8		34.1		8.06		67.30		4.68		1.2			2.8			<1			<1.6					
				Middle	6.3	23.8	23.8	34.1	34.1	8.06	8.06	66.80	67.27	4.65	4.68	1.3	1.4	1.4	3.4	3.7	3.3	<1	1.0	1.0	<1.6	1.6	1.6			
						23.8		34.1		8.06		67.80		4.71		1.3			3.9			<1			<1.6					
						23.8		34.1		8.06		67.20		4.67		1.5			3.7			<1			<1.6					
				Bottom	11.6	23.8	23.8	34.1	34.1	8.07	8.06	67.30	67.07	4.68	4.66	1.2	1.2	1.2	4.0	3.5	3.3	<1	1.0	1.0	<1	1.0	1.6	1.6		
						23.8		34.1		8.06		67.20		4.67		1.4			3.6			<1			<1.6					
						23.8		34.1		8.06		66.70		4.64		1.1			2.9			<1			<1.6					
20-Nov-18	Cloudy	Moderate	16:21	Surface	1	23.7	23.7	34.2	34.2	8.17	8.17	84.00	83.83	5.84	5.83	1.8	1.8	1.8	6.2	6.5	7.4	<1	1.0	1.0	<1.6	1.6	1.6			
						23.7		34.2		8.17		83.80		5.82		1.7			6.8			<1			<1.6					
						23.7		34.2		8.17		83.70		5.82		1.8			6.5			<1			<1.6					
				Middle	6.2	23.7	23.7	34.2	34.2	8.16	8.17	83.30	83.20	5.79	5.78	2.2	2.1	2.1	7.3	7.2	7.4	<1	1.0	1.0	<1.6	1.6	1.6			
						23.7		34.2		8.17		83.10		5.78		1.9			7.4			<1			<1.6					
						23.7		34.2		8.17		83.20		5.78		2.1			7.0			<1			<1.6					
				Bottom	11.4	23.7	23.7	34.2	34.2	8.16	8.16	83.10	83.13	5.78	5.78	2.2	2.2	2.2	8.5	8.3	7.4	<1	1.0	1.0	<1	1.0	1.6	1.6		
						23.7		34.2		8.16		83.30		5.79		2.3			8.4			<1			<1.6					
						23.7		34.2		8.16		83.00		5.77		2.2			8.1			<1			<1.6					
22-Nov-18	Cloudy	Moderate	17:14	Surface	1	23.7	23.7	34.2	34.2	8.13	8.13	83.20	83.40	5.80	5.81	1.6	1.7	1.7	4.1	4.5	5.0	<1	1.0	1.0	<1.6	1.6	1.6			
						23.7		34.2		8.13		83.60		5.83		1.7			4.6			<1			<1.6					
						23.7		34.2		8.13		83.40		5.81		1.8			4.8			<1			<1.6					
				Middle	6.3	23.6	23.6	34.3	34.3	8.15	8.16	83.60	83.63	5.82	5.83	2.4	2.6	2.6	5.1	4.8	5.0	<1	1.0	1.0	<1.6	1.6	1.6			
						23.6		34.3		8.16		83.60		5.83		2.6			4.8			<1			<1.6					
						23.6		34.3		8.16		83.70		5.83		2.7			4.4			<1			<1.6					
				Bottom	11.6	23.6	23.6	34.3	34.3	8.17	8.18	83.50	83.40	5.82	5.81	4.2	4.1	4.1	5.7	5.7	5.0	<1	1.0	1.0	<1	1.0	1.6	1.6		
						23.6		34.3		8.18		83.40		5.81		4.1			5.4			<1			<1.6					
						23.6		34.3		8.18		83.30		5.81		4.0			5.9			<1			<1.6					
24-Nov-18	Fine	Moderate	7:38	Surface	1	23.2	23.2	33.2	33.2	8.13	8.13	84.10	82.67	5.90	5.80	1.9	1.9	1.9	5.5	5.8	6.7	1.0	1.0	1.0	<1.6	1.6	1.6			
						23.2		33.2		8.13		82.30		5.77		1.9			6.0			<1			<1.6					
						23.2		33.2		8.14		81.60		5.72		1.8			6.0			<1			<1.6					
				Middle	6.0	23.2	23.2	33.2	33.2	8.13	8.13	82.60	82.10	5.79	5.75	2.0	1.9	1.9	5.9	6.4	6.7	<1	1.0	1.0	<1.6	1.6	1.6			
						23.2		33.2		8.14		81.60		5.72		1.9			6.1			<1			<1.6					
						23.2		33.2		8.13		82.10		5.75		1.9			7.1			<1			<1.6					
				Bottom	11.0	23.1	23.1	33.2	33.2	8.14	8.13	82.40	81.83	5.77	5.73	1.9	1.9	1.9	6.6	7.8	6.7	<1	1.0	1.0	<1	1.0	1.6	1.6		
						23.2		33.2		8.13		81.80		5.73		1.9			8.3			<1			<1.6					
						23.1		33.2		8.13		81.30		5.70		2.0			8.6			<1			<1.6					
27-Nov-18	Fine	Moderate	10:06	Surface	1	22.7	22.7	34.2	34.2	8.21	8.19	86.40	86.10	6.11	6.09	2.8	2.7	2.7	11.7	11.4	12.0	1.0	1.0	1.0	<1.6	1.6	1.6			
						22.7		34.2		8.19		86.10		6.09		2.7			11.1			<1			<1.6					
						22.8		34.1		8.17		85.80		6.07		2.7			11.4			<1			<1.6					
				Middle	6.2	22.7	22.7	34.2	34.2	8.19	8.20	85.10	84.73	6.02	6.00	2.8	2.8	2.8	11.9	11.9	12.0	<1	1.0	1.0	<1.6	1.6	1.6			
						22.7		34.2		8.22		84.50		5.98		2.9			11.5			<1			<1.6					
						22.7		34.2		8.20		84.60		5.99		2.8			12.4			<1			<1.6					
				Bottom	11.4	22.7	22.7	34.2	34.2	8.19	8.21	85.40	84.80	6.04	6.00	3.2	3.0	3.0	13.5	12.8	12.8	<1	1.0	1.0	<1	1.0	1.6	1.6		
						22.7		34.2		8.23		84.40		5.97		3.0			12.8			<1			<1.6					
						22.7		34.2		8.20		84.60		5.98		2.7			12.1			<1			<1.6					
29-Nov-18	Sunny	Moderate	11:58	Surface	1	22.7	22.7	33.9	34.0	8.25	8.24	82.50	82.40	5.85	5.84	2.5	2.4	2.4	7.6	7.8	8.4	7.0	7.0	7.0	<1.6	1.6	1.6			
						22.7		34.0		8.24		82.20		5.83		2.3			7.9			<1			<1.6					
						22.7		34.0		8.24		82.50		5.85		2.5			7.8			<1			<1.6					
				Middle	6.4	22.7	22.7	34.0	34.0	8.24	8.25	82.60	82.17	5.85	5.82	2.3	2.4	2.4	7.5	8.1	8.4	<1	7.0	7.0	<1.6	1.6	1.6			
						22.7		34.0		8.24		81.60		5.78		2.4			8.1			<1			<1.6					
						22.7		34.0		8.26		82.30		5.83		2.4			8.7			<1			<1.6					
				Bottom	11.8	22.7	22.7	34.0	34.0	8.27	8.25	81.40	81.57	5.77	5.78	2.6	2.6	2.6	9.1	9.4	8.4	<1	7.0	7.3	<1	7.0	1.6	1.6		
						22.7		34.0		8.24		81.00		5.74		2.7			9.8			<1			<1.6					
						22.7		34.0		8.25		82.30		5.83		2.4			9.4			<1			<1.6					

Water Quality Monitoring Results at CS3 - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)			Copper (µm/L)			Total PAH (µm/L)				
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
1-Nov-18	Cloudy	Moderate	5:53	Surface	1	25.1	25.1	33.1	33.1	8.24	8.24	103.40	103.77	7.07	7.09	7.08	1.6	1.5	1.6	6.4	6.2	7.5	1.0	1.0	1.0	<1.6	1.6	1.6		
					25.1	33.1		8.24		103.80		7.10		1.5			6.0			<1			<1.6							
					25.1	33.1		8.24		104.10		7.11		1.5			6.1			<1			<1.6							
				Middle	3.8	25.1	25.1	33.1	33.1	8.23	8.23	103.30	103.27	7.06	7.06	1.6	1.6	1.6	1.6	1.6	1.6	7.8	7.6	7.5	<1	1.0	1.0	<1	1.6	1.6
					25.1	33.1		8.23		102.80		7.02		1.6					7.5			<1			<1.6					
					25.1	33.1		8.23		103.70		7.09		1.6					7.5			<1			<1.6					
				Bottom	6.4	25.1	25.1	33.1	33.1	8.23	8.23	102.80	102.70	7.02	7.02	1.6	1.6	7.02	1.6	1.6	1.6	8.6	8.6	8.5	<1	1.0	1.0	<1	1.6	1.6
					25.1	33.1		8.23		102.70		7.02		1.6					8.8			<1			<1.6					
					25.1	33.1		8.23		102.60		7.01		1.6					8.5			<1			<1.6					
3-Nov-18	Fine	Moderate	9:02	Surface	1	24.8	24.8	33.0	33.0	8.23	8.23	96.20	96.47	6.60	6.62	6.65	2.7	2.6	2.6	4.9	4.9	5.2	<1	1.0	1.0	<1	1.6	1.6		
					24.8	33.1		8.24		96.60		6.63		2.6			5.0			<1			<1.6							
					24.8	33.1		8.24		96.60		6.63		2.6			4.8			<1			<1.6							
				Middle	3.9	24.7	24.7	33.2	33.2	8.25	8.24	97.50	97.23	6.69	6.67	3.3	3.3	3.2	3.3	3.3	3.3	5.1	5.1	5.2	<1	1.0	1.0	<1	1.6	1.6
					24.7	33.2		8.24		97.30		6.68		3.4					5.2			<1			<1.6					
					24.7	33.2		8.24		96.90		6.65		3.4					4.9			<1			<1.6					
				Bottom	6.9	24.7	24.7	33.3	33.2	8.25	8.25	97.00	96.97	6.66	6.66	3.3	3.7	6.66	3.3	3.5	3.5	5.6	5.7	5.6	<1	1.0	1.0	<1	1.6	1.6
					24.7	33.2		8.26		97.20		6.67		3.7					6.0			<1			<1.6					
					24.7	33.2		8.25		96.70		6.64		3.5					5.6			<1			<1.6					
6-Nov-18	Sunny	Moderate	11:12	Surface	1	24.9	24.9	33.1	33.1	8.23	8.23	86.70	86.40	5.95	5.93	5.94	2.6	2.7	2.7	7.0	6.5	5.7	<1	1.0	1.0	<1	1.6	1.6		
					24.9	33.1		8.23		86.60		5.95		2.7			6.6			<1			<1.6							
					24.9	33.1		8.23		85.90		5.90		2.7			5.9			<1			<1.6							
				Middle	3.7	24.8	24.7	33.1	33.1	8.23	8.23	86.20	86.33	5.94	5.94	2.9	2.8	2.8	2.8	2.8	2.8	5.8	5.1	5.2	<1	1.0	1.0	<1	1.6	1.6
					24.8	33.1		8.23		86.30		5.94		2.8					4.6			<1			<1.6					
					24.7	33.1		8.23		86.50		5.95		2.8					4.8			<1			<1.6					
				Bottom	6.3	24.7	24.6	33.1	33.1	8.23	8.24	86.30	86.17	5.94	5.93	3.0	2.8	5.93	2.8	2.9	2.9	5.9	5.6	5.8	<1	1.0	1.0	<1	1.6	1.6
					24.6	33.1		8.24		86.10		5.93		2.8					5.9			<1			<1.6					
					24.6	33.1		8.23		86.10		5.92		2.8					5.8			<1			<1.6					
8-Nov-18	Cloudy	Moderate	10:47	Surface	1	25.3	25.3	33.0	33.0	8.18	8.17	78.40	78.27	5.34	5.34	5.34	2.1	2.2	2.0	8.3	7.9	7.5	<1	1.0	1.0	<1	1.6	1.6		
					25.3	33.0		8.17		78.40		5.35		2.2			8.1			<1			<1.6							
					25.3	33.0		8.17		78.00		5.32		1.8			7.2			<1			<1.6							
				Middle	3.8	25.0	24.7	33.1	33.1	8.19	8.18	78.40	78.00	5.36	5.34	2.4	2.6	2.6	2.4	2.6	2.6	7.5	7.4	7.5	<1	1.0	1.0	<1	1.6	1.6
					25.0	33.1		8.18		78.00		5.34		2.6					7.0			<1			<1.6					
					24.0	33.1		8.18		77.60		5.32		2.8					7.7			<1			<1.6					
				Bottom	6.6	25.0	25.0	33.1	33.1	8.18	8.18	78.70	78.23	5.39	5.33	3.9	3.8	5.36	3.9	3.9	3.9	7.5	7.3	7.4	<1	1.0	1.0	<1	1.6	1.6
					24.9	33.1		8.18		77.80		5.33		3.8					7.5			<1			<1.6					
					25.0	33.1		8.18		78.20		5.36		4.1					7.4			<1			<1.6					
10-Nov-18	Sunny	Calm	1:39	Surface	1	24.3	24.3	34.1	34.1	8.17	8.16	77.30	77.37	5.33	5.34	5.34	2.1	2.2	2.1	3.3	3.5	3.6	1.0	1.0	1.0	<1	1.6	1.6		
					24.3	34.1		8.16		77.40		5.34		2.2			3.4			<1			<1.6							
					24.3	34.1		8.16		77.40		5.34		2.1			3.9			<1			<1.6							
				Middle	3.7	24.2	24.3	34.1	34.1	8.17	8.16	77.30	77.30	5.33	5.33	2.2	2.3	2.3	2.2	2.3	2.3	3.6	3.4	3.2	1.0	1.0	1.0	<1	1.6	1.6
					24.3	34.1		8.16		77.30		5.33		2.3					3.5			<1			<1.6					
					24.3	34.1		8.18		77.30		5.33		2.3					3.2			<1			<1.6					
				Bottom	6.4	24.3	24.3	34.1	34.1	8.19	8.17	77.10	77.20	5.32	5.32	2.4	2.4	5.32	2.4	2.4	2.4	4.1	3.8	3.5	1.0	1.0	1.0	<1	1.6	1.6
					24.3	34.1		8.18		77.20		5.32		2.4					3.9			<1			<1.6					
					24.3	34.1		8.16		77.30		5.33		2.3					7.4			<1			<1.6					
13-Nov-18	Cloudy	Moderate	2:47	Surface	1	24.3	24.3	33.8	33.8	8.03	8.03	68.30	69.03	4.71	4.77	4.73	2.2	2.1	2.1	2.1	2.4	2.0	<1	1.0	1.0	<1	1.6	1.6		
					24.3	33.8		8.03		66.30		4.58		2.1			2.6			<1			<1.6							
					24.3	33.8		8.03		72.50		5.01		2.1			2.4			<1			<1.6							
				Middle	3.6	24.3	24.3	33.8	33.8	8.03	8.03	67.00	67.87	4.63	4.69	2.5	2.5	2.5	2.5	2.5	2.5	1.5	1.7	1.5	<1	1.0	1.0	<1	1.6	1.6
					24.3	33.9		8.03		70.80		4.89		2.5					2.1			<1			<1.6					
					24.3	33.8		8.03		65.80		4.55		2.4					1.5			<1			<1.6					
				Bottom	6.3	24.3	24.3	33.9	33.9	8.05	8.04	67.50	66.63	4.66	4.60	2.5	2.5	4.60	2.5	2.5	2.5	1.9	2.0	1.7	<1	1.0	1.0	<1	1.6	1.6
					24.3	33.9		8.03		66.80		4.61		2.5					2.3			<1			<1.6					
					24.3	33.9		8.03		65.60		4.53		2.4					1.7			<1			<1.6					

Water Quality Monitoring Results at CS3 - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)			Copper (µm/L)			Total PAH (µm/L)							
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*				
15-Nov-18	Fine	Moderate	5:16	Surface	1	23.8	23.8	33.3	33.2	8.03	8.04	68.00	68.73	4.73	4.79	4.80	2.2	2.3	2.3	1.3	1.5	<1	1.0	<1.6	1.6	<1.6	1.6	<1.6				
					3.8	23.8	23.8	33.1	34.2	8.09	8.09	69.40	69.47	4.81	4.82	2.3	2.4	2.4	1.8	1.5	1.9	<1	1.0	1.0	<1.6	1.6	<1.6					
					6.5	23.8	23.8	33.1	34.1	8.08	8.08	69.40	68.23	4.71	4.73	2.3	2.5	2.5	2.4	2.7	2.7	<1	1.0	<1.6	1.6	<1.6						
				Middle	3.8	23.8	23.8	34.2	34.2	8.09	8.09	69.40	69.47	4.81	4.82	2.3	2.4	2.4	1.8	1.5	1.9	<1	1.0	1.0	<1.6	1.6	<1.6					
					6.5	23.8	23.8	34.2	34.1	8.08	8.08	69.40	68.23	4.71	4.73	2.3	2.5	2.5	2.4	2.7	2.7	<1	1.0	<1.6	1.6	<1.6						
					6.5	23.8	23.8	34.2	34.1	8.08	8.08	69.40	68.23	4.71	4.73	2.3	2.5	2.5	2.4	2.7	2.7	<1	1.0	<1.6	1.6	<1.6						
				17-Nov-18	Cloudy	Moderate	7:59	Surface	1	23.7	23.7	34.1	34.1	8.02	8.02	67.60	67.63	4.69	4.70	4.69	0.8	0.8	0.8	2.1	2.4	<1	1.0	<1.6	1.6	<1.6		
									3.8	23.7	23.7	34.1	34.1	8.02	8.02	67.30	67.40	4.67	4.68	4.68	0.8	0.8	0.8	1.6	2.0	2.6	<1	1.0	1.0	<1.6	1.6	<1.6
									6.6	23.7	23.7	34.1	34.1	8.02	8.02	67.00	67.10	4.66	4.66	4.66	0.8	0.8	0.8	3.9	3.4	1.0	1.0	<1.6	1.6	<1.6		
Middle	3.8	23.7	23.7					34.1	34.1	8.02	8.02	67.30	67.40	4.67	4.68	4.68	0.8	0.8	0.8	1.7	2.0	2.6	<1	1.0	1.0	<1.6	1.6	<1.6				
	6.6	23.7	23.7					34.1	34.1	8.02	8.02	67.00	67.10	4.66	4.66	4.66	0.8	0.8	0.8	2.7	3.4	1.0	1.0	<1.6	1.6	<1.6						
	6.6	23.7	23.7					34.1	34.1	8.02	8.02	67.00	67.10	4.66	4.66	4.66	0.8	0.8	0.8	3.5	3.4	1.0	1.0	<1.6	1.6	<1.6						
20-Nov-18	Cloudy	Moderate	10:26					Surface	1	23.8	23.8	34.2	34.2	8.10	8.10	78.60	78.57	5.46	5.45	5.45	1.8	1.8	1.8	6.3	6.4	<1	1.0	<1.6	1.6	<1.6		
									3.8	23.8	23.8	34.2	34.2	8.10	8.10	78.60	78.43	5.45	5.44	5.44	1.8	1.8	1.8	6.1	6.2	6.6	<1	1.0	1.0	<1.6	1.6	<1.6
									6.6	23.8	23.8	34.2	34.2	8.10	8.10	78.10	78.17	5.42	5.43	5.43	1.8	1.8	1.8	7.2	7.1	1.0	1.0	<1.6	1.6	<1.6		
				Middle	3.8	23.8	23.8	34.2	34.2	8.10	8.10	78.60	78.43	5.45	5.44	5.44	1.8	1.8	1.8	6.1	6.2	6.6	<1	1.0	1.0	<1.6	1.6	<1.6				
					6.6	23.8	23.8	34.2	34.2	8.10	8.10	78.10	78.17	5.42	5.43	5.43	1.8	1.8	1.8	6.5	7.1	1.0	1.0	<1.6	1.6	<1.6						
					6.6	23.8	23.8	34.2	34.2	8.10	8.10	78.10	78.17	5.42	5.43	5.43	1.8	1.8	1.8	7.4	7.1	1.0	1.0	<1.6	1.6	<1.6						
				22-Nov-18	Cloudy	Moderate	11:41	Surface	1	23.6	23.6	34.2	34.2	8.14	8.13	84.40	84.37	5.88	5.88	5.88	2.1	2.0	2.0	4.2	4.4	<1	1.0	<1.6	1.6	<1.6		
									3.7	23.6	23.6	34.3	34.3	8.16	8.16	84.50	84.57	5.89	5.89	5.89	2.1	2.3	2.2	4.1	4.3	4.4	<1	1.0	1.0	<1.6	1.6	<1.6
									6.4	23.5	23.5	34.3	34.3	8.16	8.16	84.30	84.30	5.88	5.88	5.88	2.3	2.3	2.3	4.9	4.6	1.0	1.0	<1.6	1.6	<1.6		
Middle	3.7	23.6	23.6					34.3	34.3	8.16	8.16	84.50	84.57	5.89	5.89	5.89	2.1	2.3	2.2	4.1	4.3	4.4	<1	1.0	1.0	<1.6	1.6	<1.6				
	6.4	23.5	23.5					34.3	34.3	8.16	8.16	84.30	84.30	5.88	5.88	5.88	2.3	2.3	2.3	4.9	4.6	1.0	1.0	<1.6	1.6	<1.6						
	6.4	23.5	23.5					34.3	34.3	8.16	8.16	84.30	84.30	5.88	5.88	5.88	2.3	2.3	2.3	4.9	4.6	1.0	1.0	<1.6	1.6	<1.6						
24-Nov-18	Sunny	Moderate	12:12					Surface	1	23.3	23.3	33.2	33.2	8.15	8.15	80.80	81.13	5.66	5.69	5.69	2.3	2.3	2.3	3.1	3.8	1.0	1.0	<1.6	1.6	<1.6		
									3.8	23.3	23.2	33.2	33.2	8.15	8.15	80.60	80.80	5.65	5.66	5.66	2.3	2.4	2.4	4.6	4.7	4.5	1.0	1.0	<1.6	1.6	<1.6	
									6.6	23.2	23.2	33.2	33.2	8.18	8.16	80.30	80.50	5.63	5.64	5.64	2.5	2.5	2.5	4.9	5.0	1.0	1.0	<1.6	1.6	<1.6		
				Middle	3.8	23.3	23.2	33.2	33.2	8.15	8.15	80.60	80.80	5.65	5.66	5.66	2.3	2.4	2.4	4.6	4.7	4.5	1.0	1.0	<1.6	1.6	<1.6					
					6.6	23.2	23.2	33.2	33.2	8.18	8.16	80.30	80.50	5.63	5.64	5.64	2.5	2.5	2.5	4.9	5.0	1.0	1.0	<1.6	1.6	<1.6						
					6.6	23.2	23.2	33.2	33.2	8.18	8.16	80.30	80.50	5.63	5.64	5.64	2.5	2.5	2.5	5.1	5.0	1.0	1.0	<1.6	1.6	<1.6						
				27-Nov-18	Fine	Moderate	3:24	Surface	1	22.9	22.9	33.9	33.9	8.10	8.10	76.80	76.87	5.43	5.44	5.44	4.6	4.5	4.5	10.0	10.6	<1	1.0	<1.6	1.6	<1.6		
									3.9	22.9	22.9	33.9	33.9	8.10	8.10	76.70	76.83	5.43	5.43	5.43	4.6	4.8	4.8	8.4	8.7	9.6	<1	1.0	1.0	<1.6	1.6	<1.6
									6.8	22.9	22.9	33.9	33.9	8.10	8.11	76.60	76.73	5.42	5.43	5.43	4.8	4.8	4.9	9.1	9.3	1.0	1.0	<1.6	1.6	<1.6		
Middle	3.9	22.9	22.9					33.9	33.9	8.10	8.10	76.70	76.83	5.43	5.43	5.43	4.6	4.8	4.8	8.4	8.7	9.6	<1	1.0	1.0	<1.6	1.6	<1.6				
	6.8	22.9	22.9					33.9	33.9	8.10	8.11	76.60	76.73	5.42	5.43	5.43	4.8	4.8	4.9	9.1	9.3	1.0	1.0	<1.6	1.6	<1.6						
	6.8	22.9	22.9					33.9	33.9	8.10	8.11	76.60	76.73	5.42	5.43	5.43	4.8	4.8	4.9	9.2	9.3	1.0	1.0	<1.6	1.6	<1.6						
29-Nov-18	Fine	Moderate	5:22					Surface	1	22.6	22.6	33.7	33.7	8.24	8.23	81.00	80.93	5.75	5.74	5.74	2.3	2.2	2.2	6.0	6.5	8.0	8.0	<1.6	1.6	<1.6		
									3.8	22.5	22.5	33.7	33.8	8.25	8.23	80.70	80.70	5.73	5.73	5.73	2.3	2.5	2.5	7.5	8.1	7.7	8.0	8.3	8.2	<1.6	1.6	<1.6
									6.6	22.5	22.5	33.8	33.8	8.23	8.24	80.30	80.27	5.70	5.70	5.70	2.5	2.3	2.4	8.3	8.4	8.3	8.3	8.3	<1.6	1.6	<1.6	
				Middle	3.8	22.5	22.5	33.7	33.8	8.25	8.23	80.70	80.70	5.73	5.73	5.73	2.3	2.5	2.5	7.5	8.1	7.7	8.0	8.3	8.2	<1.6	1.6	<1.6				
					6.6	22.5	22.5	33.8	33.8	8.23	8.24	80.30	80.27	5.70	5.70	5.70	2.5	2.3	2.4	8.1	8.4	8.3	8.3	8.3	<1.6	1.6	<1.6					
					6.6	22.5	22.5	33.8	33.8	8.23	8.24	80.30	80.27	5.70	5.70	5.70	2.5	2.3	2.4	8.4	8.4	8.3	8.3	8.3	<1.6	1.6	<1.6					

Water Quality Monitoring Results at CS3 - Mid-Flood Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)			Copper (µm/L)			Total PAH (µm/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
15-Nov-18	Fine	Moderate	16:40	Surface	1	23.9	23.9	34.2	34.2	8.15	8.14	78.80	78.13	5.47	5.42	1.6	1.7	1.9	2.8	2.9	3.9	<1	1.0	1.0	<1.6	1.6	1.6	
					23.9	34.2		8.14		78.40		5.44		1.8		3.2			<1			<1.6						
					23.9	34.2		8.14		77.20		5.35		1.7		2.7			<1			<1.6						
				Middle	3.8	23.9	34.2	8.14	78.30	5.43	1.8	3.4	<1	<1.6														
					23.9	34.3	8.15	78.50	5.44	1.7	2.7	<1	<1.6															
					23.9	34.2	8.14	76.90	5.33	1.8	2.9	<1	<1.6															
				Bottom	6.7	23.9	34.2	8.14	77.70	5.39	2.4	5.7	<1	<1.6														
					23.9	34.2	8.16	78.30	5.43	2.2	5.7	<1	<1.6															
					23.9	34.3	8.15	78.50	5.44	2.3	5.8	<1	<1.6															
17-Nov-18	Cloudy	Moderate	14:28	Surface	1	23.8	23.8	34.1	34.1	8.06	8.06	67.30	67.53	4.68	4.69	4.70	1.3	1.4	3.4	3.5	3.4	<1	1.0	1.0	<1.6	1.6	1.6	
					23.8	34.1		8.06		67.50		4.69		1.3		3.9						<1			<1.6			
					23.8	34.1		8.06		67.80		4.71		1.2		3.3						<1			<1.6			
				Middle	3.9	23.8	34.1	8.06	67.10	4.67	1.4	4.9	<1	<1.6														
					23.8	34.1	8.06	67.40	4.69	1.4	3.4	<1	<1.6															
					23.8	34.1	8.06	68.20	4.74	1.4	3.2	<1	<1.6															
				Bottom	6.8	23.8	34.1	8.06	67.60	4.70	1.5	3.3	<1	<1.6														
					23.8	34.1	8.06	67.20	4.67	1.6	2.7	<1	<1.6															
					23.8	34.1	8.07	68.50	4.76	1.5	2.7	<1	<1.6															
20-Nov-18	Cloudy	Moderate	15:54	Surface	1	23.7	23.7	34.2	34.2	8.16	8.16	83.90	83.70	5.83	5.82	5.81	2.2	2.0	4.1	3.4	4.1	<1	1.0	1.0	<1.6	1.6	1.6	
					23.7	34.2		8.16		83.70		5.82		2.0		3.3						<1			<1.6			
					23.7	34.2		8.16		83.50		5.81		1.9		3.6						<1			<1.6			
				Middle	3.9	23.7	34.2	8.17	83.20	5.79	2.1	4.2	<1	<1.6														
					23.7	34.2	8.16	83.70	5.82	2.0	3.7	<1	<1.6															
					23.7	34.2	8.16	83.10	5.78	2.1	3.8	<1	<1.6															
				Bottom	6.8	23.7	34.2	8.17	83.60	5.81	2.1	5.1	<1	<1.6														
					23.7	34.2	8.17	83.00	5.77	2.1	4.6	<1	<1.6															
					23.7	34.2	8.17	82.90	5.76	2.3	5.1	<1	<1.6															
22-Nov-18	Cloudy	Moderate	16:44	Surface	1	23.7	23.7	34.2	34.2	8.12	8.12	83.30	83.10	5.81	5.79	5.80	1.7	1.8	4.5	4.1	4.5	<1	1.0	1.0	<1.6	1.6	1.6	
					23.7	34.2		8.12		83.10		5.79		1.9		4.2						<1			<1.6			
					23.7	34.2		8.13		82.90		5.78		1.9		3.9						<1			<1.6			
				Middle	3.8	23.7	34.2	8.14	83.40	5.82	2.3	4.2	<1	<1.6														
					23.7	34.2	8.14	83.20	5.80	2.4	4.4	<1	<1.6															
					23.7	34.2	8.14	83.10	5.79	2.2	4.0	<1	<1.6															
				Bottom	6.6	23.6	34.3	8.15	83.30	5.81	2.2	5.2	<1	<1.6														
					23.6	34.3	8.16	83.00	5.78	2.4	4.8	<1	<1.6															
					23.6	34.3	8.14	83.10	5.79	2.3	5.2	<1	<1.6															
24-Nov-18	Fine	Moderate	7:53	Surface	1	23.2	23.2	33.2	33.2	8.15	8.14	86.40	83.53	6.05	5.85	5.82	2.0	2.0	4.4	4.3	4.4	<1	1.0	1.0	<1.6	1.6	1.6	
					23.2	33.2		8.14		82.60		5.79		1.9		4.2						<1			<1.6			
					23.2	33.2		8.14		81.60		5.72		2.0		4.8						<1			<1.6			
				Middle	3.8	23.2	33.2	8.14	81.50	5.71	2.2	4.2	<1	<1.6														
					23.2	33.2	8.16	84.60	5.92	2.0	4.8	<1	<1.6															
					23.2	33.2	8.14	82.10	5.75	2.2	4.6	<1	<1.6															
				Bottom	6.6	23.1	33.2	8.15	81.90	5.74	2.1	4.0	<1	<1.6														
					23.1	33.2	8.14	81.30	5.69	2.1	4.1	<1	<1.6															
					23.2	33.2	8.17	83.80	5.87	2.0	4.6	<1	<1.6															
27-Nov-18	Fine	Moderate	9:39	Surface	1	22.7	22.7	34.2	34.2	8.20	8.19	84.70	84.83	6.00	6.00	5.99	3.0	3.0	9.4	10.2	9.4	<1	1.0	1.0	<1.6	1.6	1.6	
					22.7	34.2		8.19		84.90		6.01		3.1		10.1						<1			<1.6			
					22.7	34.2		8.19		84.90		6.00		2.9		10.5						<1			<1.6			
				Middle	4.1	22.7	34.2	8.21	84.50	5.98	3.6	9.4	<1	<1.6														
					22.7	34.2	8.20	84.50	5.98	3.7	8.2	<1	<1.6															
					22.7	34.2	8.19	84.50	5.98	3.6	9.1	<1	<1.6															
				Bottom	6.9	22.7	34.2	8.22	84.40	5.97	3.8	8.7	<1	<1.6														
					22.7	34.2	8.21	84.40	5.97	3.7	8.8	<1	<1.6															
					22.7	34.2	8.19	84.50	5.98	3.7	9.6	<1	<1.6															
29-Nov-18	Sunny	Moderate	11:33	Surface	1	22.7	22.7	34.0	34.0	8.25	8.25	83.00	82.17	5.89	5.83	5.83	2.5	2.5	6.3	5.5	6.3	<1	8.3	8.2	<1.6	1.6	1.6	
					22.7	34.0		8.27		82.10		5.82		2.4		5.8						<1			<1.6			
					22.7	34.0		8.24		81.40		5.77		2.5		5.1						<1			<1.6			
				Middle	4.0	22.7	34.0	8.29	82.50	5.85	2.6	5.9	<1	<1.6														
					22.7	34.0	8.25	83.00	5.89	2.6	6.2	<1	<1.6															
					22.7	34.0	8.25	81.30	5.76	2.5	6.7	<1	<1.6															
				Bottom	7.1	22.7	34.0	8.30	81.20	5.76	2.7	7.0	<1	<1.6														
					22.7	34.0	8.26	82.30	5.84	2.5	7.0	<1	<1.6															
					22.7	34.0	8.25	81.50	5.78	2.7	9.0	<1	<1.6															

Water Quality Monitoring Results at IS1 - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)			Copper (µm/L)			Total PAH (µm/L)					
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*			
1-Nov-18	Cloudy	Moderate	6:14	Surface	1	25.1	25.1	33.1	33.1	8.24	8.24	103.80	103.80	7.09	7.09	7.08	2.0	2.1	2.2	4.1	4.0	4.3	<1	1.0	1.0	<1.6	1.6	1.6			
						25.2		33.1		8.24		104.20		7.12			2.1			3.9			<1			<1.6					
						25.1		33.1		8.24		103.40		7.07			2.1			3.9			<1			<1.6					
				Middle	3.6	25.1	25.1	33.1	33.1	8.23	8.23	103.60	103.50	7.08	7.07	7.06	2.2	2.2	2.2	4.3	4.4	4.4	4.3	4.3	4.3	<1	1.0	1.0	<1.6	1.6	1.6
						25.1		33.1		8.23		103.50		7.07						2.2			4.2			<1			<1.6		
						25.1		33.1		8.23		102.90		7.03						2.2			4.4			<1			<1.6		
				Bottom	6.2	25.1	25.1	33.1	33.1	8.23	8.23	103.40	102.50	7.07	7.03	7.03	2.2	2.2	2.2	4.6	4.5	4.7	4.7	4.7	4.7	<1	1.0	1.0	<1.6	1.6	1.6
						25.1		33.1		8.23		102.50		7.01						2.2			4.5			<1			<1.6		
						25.1		33.1		8.23		102.70		7.02						2.3			4.9			<1			<1.6		
3-Nov-18	Fine	Moderate	9:20	Surface	1	24.8	24.8	32.9	32.9	8.23	8.23	95.20	95.37	6.54	6.55	6.58	2.4	2.6	2.5	4.3	4.3	4.8	<1	1.0	1.0	<1.6	1.6	1.6			
						24.8		32.9		8.23		95.90		6.59			2.4			4.2			<1			<1.6					
						24.7		33.2		8.24		95.90		6.58			2.7			4.5			<1			<1.6					
				Middle	3.7	24.7	24.7	33.2	33.2	8.24	8.24	96.60	96.40	6.63	6.61	6.60	2.8	2.8	2.9	4.6	4.7	4.8	4.8	4.8	4.8	<1	1.0	1.0	<1.6	1.6	1.6
						24.7		33.2		8.25		96.70		6.63						2.8			4.7			<1			<1.6		
						24.7		33.2		8.25		96.10		6.60						2.7			5.0			<1			<1.6		
				Bottom	6.2	24.7	24.7	33.2	33.2	8.25	8.25	96.50	96.13	6.62	6.60	6.60	3.4	3.4	3.4	5.2	5.4	5.3	5.3	5.3	5.3	<1	1.0	1.0	<1.6	1.6	1.6
						24.7		33.2		8.25		96.50		6.62						3.4			5.4			<1			<1.6		
						24.7		33.2		8.25		95.80		6.57						3.6			5.4			<1			<1.6		
6-Nov-18	Sunny	Moderate	11:40	Surface	1	24.9	24.9	33.1	33.1	8.23	8.23	87.00	86.97	5.98	5.97	5.96	2.7	2.8	2.8	5.4	6.1	4.8	<1	1.0	1.0	<1.6	1.6	1.6			
						24.9		33.1		8.23		87.30		5.99			2.8			5.8			<1			<1.6					
						24.9		33.1		8.23		86.60		5.94			2.8			6.6			<1			<1.6					
				Middle	3.6	24.8	24.8	33.1	33.1	8.23	8.23	87.00	86.63	5.97	5.95	5.95	2.8	2.8	2.9	4.8	4.2	4.3	4.8	4.8	4.8	<1	1.0	1.0	<1.6	1.6	1.6
						24.9		33.1		8.23		87.30		5.99						2.8			4.2			<1			<1.6		
						24.7		33.1		8.23		85.60		5.89						2.9			4.0			<1			<1.6		
				Bottom	6.1	24.7	24.8	33.1	33.1	8.23	8.23	85.50	86.40	5.89	5.94	5.94	2.9	2.9	2.9	4.0	3.6	3.9	3.9	3.9	3.9	<1	1.0	1.0	<1.6	1.6	1.6
						24.7		33.1		8.23		86.70		5.96						2.8			3.6			<1			<1.6		
						24.9		33.1		8.23		87.00		5.97						2.9			4.1			<1			<1.6		
8-Nov-18	Cloudy	Moderate	10:32	Surface	1	25.1	25.1	33.1	33.1	8.18	8.18	78.50	78.80	5.35	5.38	5.38	2.2	2.2	2.7	8.8	9.1	7.9	<1	1.0	1.0	<1.6	1.6	1.6			
						25.1		33.1		8.18		78.70		5.38			2.2			9.6			<1			<1.6					
						25.1		33.1		8.18		79.20		5.41			2.1			9.0			<1			<1.6					
				Middle	3.6	25.0	25.0	33.1	33.1	8.17	8.17	78.10	77.87	5.34	5.33	5.33	2.7	2.7	2.7	2.6	7.3	7.3	7.3	7.3	7.9	<1	1.0	1.0	<1.6	1.6	1.6
						25.0		33.1		8.17		78.00		5.34						2.8			7.3			<1			<1.6		
						25.0		33.1		8.17		77.50		5.31						2.7			7.4			<1			<1.6		
				Bottom	6.2	25.0	24.9	33.1	33.1	8.17	8.17	78.90	78.37	5.41	5.33	5.37	3.4	3.4	3.4	3.2	6.6	7.3	7.3	7.3	7.3	<1	1.0	1.0	<1.6	1.6	1.6
						24.9		33.1		8.17		77.80		5.33						3.5			7.4			<1			<1.6		
						24.9		33.1		8.17		78.40		5.37						3.4			7.9			<1			<1.6		
10-Nov-18	Sunny	Calm	1:59	Surface	1	24.3	24.3	34.1	34.1	8.17	8.17	78.30	78.90	5.40	5.44	5.40	1.9	1.9	2.0	2.7	2.7	3.7	<1	1.0	1.0	<1.6	1.6	1.6			
						24.3		34.1		8.18		78.70		5.43			2.0			2.6			<1			<1.6					
						24.3		34.1		8.18		79.70		5.50			1.8			2.9			<1			<1.6					
				Middle	3.6	24.3	24.3	34.1	34.1	8.19	8.18	77.60	77.70	5.35	5.36	5.36	2.0	2.0	2.0	1.9	3.2	3.8	3.8	3.7	3.7	<1	1.0	1.0	<1.6	1.6	1.6
						24.3		34.1		8.17		77.70		5.36						2.0			4.2			<1			<1.6		
						24.3		34.1		8.18		77.80		5.36						2.0			4.1			<1			<1.6		
				Bottom	6.3	24.2	24.2	34.1	34.1	8.21	8.19	77.10	77.30	5.32	5.33	5.33	2.1	2.1	2.1	2.1	5.1	4.4	4.4	4.4	4.4	<1	1.0	1.0	<1.6	1.6	1.6
						24.3		34.1		8.18		77.40		5.34						2.0			4.2			<1			<1.6		
						24.3		34.1		8.17		77.40		5.34						2.2			4.0			<1			<1.6		
13-Nov-18	Cloudy	Moderate	3:03	Surface	1	24.3	24.3	33.8	33.8	8.03	8.03	64.50	64.70	4.45	4.47	4.46	2.2	2.2	2.3	1.4	1.8	2.1	<1	1.0	1.0	<1.6	1.6	1.6			
						24.3		33.8		8.03		64.60		4.46			2.2			1.8			<1			<1.6					
						24.3		33.8		8.03		65.00		4.49			2.3			2.2			<1			<1.6					
				Middle	3.6	24.3	24.3	33.8	33.8	8.03	8.03	64.50	64.47	4.45	4.45	4.45	2.2	2.2	2.2	2.3	2.4	2.5	2.5	2.1	2.1	<1	1.0	1.0	<1.6	1.6	1.6
						24.3		33.8		8.04		64.40		4.45						2.2			2.1			<1			<1.6		
						24.3		33.8		8.04		64.50		4.46						2.2			2.9			<1			<1.6		
				Bottom	6.3	24.3	24.3	33.9	33.9	8.04	8.05	64.40	64.37	4.45	4.45	4.45	2.3	2.3	2.3	2.3	1.9	1.9	1.9	1.9	1.9	<1	1.0	1.0	<1.6	1.6	1.6
						24.3		33.9		8.04		64.30		4.44						2.4			1.9			<1			<1.6		
						24.3		33.9		8.06		64.40		4.45						2.2			1.9			<1			<1.6		

Water Quality Monitoring Results at IS1 - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)			Copper (µm/L)			Total PAH (µm/L)									
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*							
15-Nov-18	Fine	Moderate	5:34	Surface	1	23.8	23.8	33.2	33.3	8.04	8.05	68.10	68.93	4.74	4.80	2.2	2.3	2.3	2.6	6.5	6.2	<1	1.0	<1	1.0	<1.6	1.6	<1.6	1.6						
						23.8		33.4		8.06		68.20		4.88		2.3		6.5		<1		<1.6													
						23.8		33.2		8.04		68.50		4.77		2.3		5.6		<1		<1.6													
				Middle	3.6	23.8	23.8	34.2	34.2	8.10	8.10	69.90	69.23	4.84	4.80	2.6	2.6	2.6	2.6	5.4	5.2	5.4	5.2	5.4	5.4	<1	1.0	<1	1.0	<1.6	1.6	<1.6	1.6		
						23.8		34.2		8.10		68.60		4.76		2.6		4.9		<1		<1.6													
						23.8		34.2		8.09		69.20		4.80		2.7		4.9		<1		<1.6													
				Bottom	6.3	23.8	23.8	34.2	34.2	8.09	8.10	68.00	67.97	4.72	4.71	3.0	2.8	2.5	2.8	4.4	4.8	4.4	4.8	4.4	4.8	<1	1.0	<1	1.0	<1.6	1.6	<1.6	1.6		
						23.8		34.2		8.11		68.20		4.72		2.5		4.8		<1		<1.6													
						23.8		34.2		8.11		67.70		4.69		2.8		5.1		<1		<1.6													
17-Nov-18	Cloudy	Moderate	8:17	Surface	1	23.7	23.7	34.1	34.1	8.01	8.02	66.30	66.13	4.61	4.60	0.8	0.8	0.8	0.9	3.5	3.7	<1	1.0	<1	1.0	<1.6	1.6	<1.6	1.6						
						23.7		34.1		8.02		65.80		4.58		0.8		4.5		<1		<1.6													
						23.7		34.1		8.02		66.30		4.61		0.8		3.1		<1		<1.6													
				Middle	3.7	23.7	23.7	34.1	34.1	8.02	8.02	66.70	66.57	4.63	4.62	0.9	0.9	0.9	0.9	1.8	1.8	1.8	1.8	1.8	1.8	<1	1.0	<1	1.0	<1.6	1.6	<1.6	1.6		
						23.7		34.1		8.02		66.60		4.63		0.9		1.8		<1		<1.6													
						23.7		34.1		8.02		66.40		4.61		1.0		1.9		<1		<1.6													
				Bottom	6.4	23.7	23.7	34.1	34.1	8.02	8.02	67.30	66.93	4.67	4.65	1.0	1.0	1.0	1.0	2.9	2.7	2.2	2.7	2.2	2.7	<1	1.0	<1	1.0	<1.6	1.6	<1.6	1.6		
						23.7		34.1		8.02		66.40		4.62		1.0		2.2		<1		<1.6													
						23.7		34.1		8.02		67.10		4.66		1.0		2.9		<1		<1.6													
20-Nov-18	Cloudy	Moderate	10:41	Surface	1	23.8	23.8	34.2	34.2	8.10	8.10	78.40	78.20	5.44	5.43	1.8	1.8	1.8	4.5	4.5	4.4	4.5	<1	1.0	<1	1.0	<1.6	1.6	<1.6	1.6					
						23.8		34.2		8.10		77.80		5.40		1.9		4.7			<1		<1.6												
						23.8		34.2		8.10		78.40		5.45		1.8		4.4			<1		<1.6												
				Middle	3.6	23.8	23.8	34.2	34.2	8.11	8.10	77.50	77.80	5.38	5.40	1.9	1.9	1.9	1.9	5.2	5.4	5.7	5.4	5.2	5.2	<1	1.0	<1	1.0	<1.6	1.6	<1.6	1.6		
						23.8		34.2		8.10		78.10		5.42		1.8		5.7		<1		<1.6													
						23.8		34.2		8.10		77.80		5.40		1.9		5.4		<1		<1.6													
				Bottom	6.2	23.8	23.8	34.2	34.2	8.11	8.11	78.20	77.67	5.43	5.39	1.9	2.0	2.0	2.0	5.8	5.7	5.7	5.7	5.6	5.7	<1	1.0	<1	1.0	<1.6	1.6	<1.6	1.6		
						23.8		34.2		8.11		77.40		5.37		2.0		5.7		<1		<1.6													
						23.8		34.2		8.12		77.40		5.38		2.0		5.6		<1		<1.6													
22-Nov-18	Cloudy	Moderate	11:57	Surface	1	23.6	23.6	34.2	34.2	8.13	8.13	85.00	84.77	5.92	5.90	2.3	2.3	2.3	4.9	4.4	4.1	4.4	<1	1.0	<1	1.0	<1.6	1.6	<1.6	1.6					
						23.6		34.2		8.13		84.60		5.89		2.3		4.2			<1		<1.6												
						23.6		34.2		8.13		84.70		5.90		2.2		4.2			<1		<1.6												
				Middle	3.6	23.6	23.6	34.3	34.3	8.17	8.16	84.10	84.40	5.86	5.88	2.5	2.4	2.5	2.4	4.8	4.6	4.7	4.6	4.4	4.0	<1	1.0	<1	1.0	<1.6	1.6	<1.6	1.6		
						23.6		34.3		8.16		84.70		5.90		2.5		4.7		<1		<1.6													
						23.6		34.3		8.16		84.40		5.88		2.3		4.4		<1		<1.6													
				Bottom	6.2	23.6	23.5	34.3	34.3	8.16	8.17	84.10	84.03	5.86	5.86	2.4	2.6	2.7	2.6	3.2	3.0	3.0	3.0	3.0	3.0	<1	1.0	<1	1.0	<1.6	1.6	<1.6	1.6		
						23.5		34.3		8.18		83.80		5.84		2.6		2.9		<1		<1.6													
						23.5		34.3		8.18		83.80		5.84		2.6		2.9		<1		<1.6													
24-Nov-18	Sunny	Moderate	11:55	Surface	1	23.3	23.3	33.2	33.2	8.14	8.14	81.40	81.27	5.70	5.70	2.2	2.2	2.2	4.9	5.0	4.7	5.0	<1	1.0	<1	1.0	<1.6	1.6	<1.6	1.6					
						23.3		33.2		8.14		81.30		5.71		2.2		4.7			<1		<1.6												
						23.3		33.2		8.14		81.10		5.68		2.1		5.3			<1		<1.6												
				Middle	3.8	23.3	23.3	33.2	33.2	8.15	8.14	81.20	81.10	5.69	5.69	2.5	2.5	2.5	2.5	6.9	6.5	6.4	6.5	6.3	6.0	<1	1.0	<1	1.0	<1.6	1.6	<1.6	1.6		
						23.2		33.3		8.14		80.90		5.68		2.5		6.4		<1		<1.6													
						23.3		33.2		8.14		81.20		5.69		2.4		6.3		<1		<1.6													
				Bottom	6.5	23.2	23.2	33.2	33.2	8.16	8.15	80.70	80.77	5.66	5.66	2.6	2.5	2.5	2.5	6.4	6.5	6.6	6.5	6.6	6.5	<1	1.0	<1	1.0	<1.6	1.6	<1.6	1.6		
						23.2		33.2		8.14		80.60		5.65		2.5		6.6		<1		<1.6													
						23.3		33.2		8.14		81.00		5.68		2.4		6.6		<1		<1.6													
27-Nov-18	Fine	Moderate	3:41	Surface	1	22.9	22.9	33.9	33.9	8.11	8.12	77.50	77.33	5.48	5.47	3.6	3.9	4.0	13.5	13.4	13.0	13.4	<1	1.0	<1	1.0	<1.6	1.6	<1.6	1.6					
						22.9		33.9		8.12		76.70		5.42		4.2		13.7			<1		<1.6												
						22.9		33.9		8.12		77.80		5.50		4.2		13.7			<1		<1.6												
				Middle	3.7	22.9	22.9	33.9	33.9	8.13	8.12	76.60	76.67	5.42	5.42	4.4	4.3	4.2	4.2	12.2	11.9	12.0	11.9	11.6	12.1	<1	1.3	<1	1.3	<1.6	1.6	<1.6	1.6		
						22.9		33.9		8.11		76.60		5.42		4.2		12.0		<1		<1.6													
						22.9		33.9		8.12		76.80		5.43		4.2		11.6		<1		<1.6													
				Bottom	6.2	22.9	22.9	33.9	33.9	8.14	8.13	76.50	76.60	5.41	5.42	4.4	4.3	4.0	4.3	10.4	10.9	10.9	10.9	10.9	8.0	<1	1.0	<1	1.0	<1.6	1.6	<1.6	1.6		
						22.9		33.9		8.12		76.60		5.42		4.0		10.9		<1		<1.6													
						22.9		33.9		8.13		76.70		5.42		4.5		11.5		<1		<1.6													
29-Nov-18	Fine	Moderate	5:37	Surface	1	22.6	22.5	33.7	33.7	8.24	8.23	78.90	79.87	5.60	5.67	2.2	2.2	2.1	8.6	8.2	7.9	8.2	8.0	8.0	<1	8.0	<1	8.0	<1.6	1.6	<1.6	1.6			
						22.6		33.7		8.23		80.50		5.71		2.3		8.0			<1		<1.6												
						22.5		33.8		8.23		80.20		5.70		2.3		8.0			<1		<1.6												
				Middle	3.5	22.5	22.5	33.8	33.8	8.24	8.24	79.90	79.53	5.67	5.65	2.9	2.8	2.7	2.7	8.5	8.3	8.5	8.3	8.0	8.0	7.0	8.0	<1	8.0	<1	8.0	<1.6	1.6	<1.6	1.6
						22.5		33.8		8.23		80.10		5.69		2.7		8.5		<1		<1.6													
						22.5		33.7		8.25		78.60		5.58		2.8		7.9		<1		<1.6													
				Bottom	5.9	22.5	22.5	33.8	33.8	8.27	8.25	78.30	79.37	5.56	5.63	3.1	3.1	3.3	3.1	8.5	8.0	7.6	8.0	8.0	8.0	8.0	8.3	<1	8.0	<1	8.0	<1.6	1.6	<1.6	1.6
						22.5		33.8		8.24		79.50		5.64		3.3		7.6		<1		<1.6													
						22.5		33.8		8.23		80.30		5.70		3.0		7.9		<1		<1.6													

Water Quality Monitoring Results at IS1 - Mid-Flood Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)			Copper (µm/L)			Total PAH (µm/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
15-Nov-18	Fine	Moderate	16:23	Surface	1	23.9	23.9	34.2	34.2	8.14	8.14	79.60	79.10	5.52	5.48	5.49	1.8	1.8	1.9	3.4	3.9	4.6	<1	1.0	1.0	<1.6	1.6	1.6
						23.9		34.3		8.14		78.60		5.45			1.8			3.8			<1			<1.6		
						23.9		34.3		8.14		79.10		5.48			1.7			4.4			<1			<1.6		
				Middle	3.7	23.9	23.9	34.3	34.3	8.14	8.14	78.70	79.17	5.46	5.49	5.49	1.8	1.8	1.9	4.6	4.8	4.6	<1	1.0	1.0	<1.6	1.6	1.6
						23.9		34.2		8.14		79.20		5.49			1.9			5.6			<1			<1.6		
						23.9		34.3		8.14		79.60		5.52			1.7			4.2			<1			<1.6		
				Bottom	6.4	23.9	23.9	34.3	34.3	8.14	8.14	78.80	78.57	5.46	5.43	5.45	2.1	2.0	2.0	4.9	5.0	4.6	<1	1.0	1.0	<1.6	1.6	1.6
						23.9		34.3		8.14		78.30		5.43			2.0			4.7			<1			<1.6		
						23.9		34.3		8.14		78.60		5.45			2.0			5.4			<1			<1.6		
17-Nov-18	Cloudy	Moderate	14:14	Surface	1	23.8	23.8	34.1	34.1	8.06	8.06	67.30	67.30	4.68	4.68	4.68	1.3	1.3	1.4	3.5	3.5	3.0	<1	1.0	1.0	<1.6	1.6	1.6
						23.8		34.1		8.06		67.30		4.68			1.3			3.5			<1			<1.6		
						23.8		34.1		8.06		67.30		4.67			1.3			3.5			<1			<1.6		
				Middle	3.8	23.8	23.8	34.1	34.1	8.06	8.06	67.70	67.40	4.70	4.67	4.68	1.5	1.4	1.4	2.5	2.6	3.0	<1	1.0	1.0	<1.6	1.6	1.6
						23.8		34.1		8.06		67.20		4.67			1.4			2.9			<1			<1.6		
						23.8		34.1		8.06		67.30		4.68			1.3			2.5			<1			<1.6		
				Bottom	6.6	23.8	23.8	34.1	34.1	8.06	8.06	67.40	67.67	4.68	4.72	4.70	1.4	1.5	1.5	2.2	3.0	3.0	1.0	1.0	1.0	<1.6	1.6	1.6
						23.8		34.1		8.07		67.90		4.72			1.6			3.7			<1			<1.6		
						23.8		34.1		8.06		67.70		4.71			1.5			3.1			<1			<1.6		
20-Nov-18	Cloudy	Moderate	15:38	Surface	1	23.7	23.7	34.2	34.2	8.16	8.16	83.00	83.03	5.77	5.77	5.75	2.0	2.0	2.1	4.2	4.4	4.9	<1	1.0	1.0	<1.6	1.6	1.6
						23.7		34.2		8.16		83.10		5.78			2.0			4.6			<1			<1.6		
						23.7		34.2		8.16		83.00		5.77			1.9			4.5			<1			<1.6		
				Middle	3.7	23.7	23.7	34.2	34.2	8.16	8.16	82.70	82.43	5.75	5.72	5.73	2.1	2.1	2.1	5.1	5.2	4.9	<1	1.0	1.0	<1.6	1.6	1.6
						23.7		34.3		8.16		82.20		5.72			2.0			5.2			<1			<1.6		
						23.7		34.2		8.16		82.40		5.73			2.2			5.3			<1			<1.6		
				Bottom	6.4	23.7	23.7	34.3	34.3	8.16	8.16	82.20	82.40	5.72	5.72	5.73	2.2	2.2	2.2	5.1	5.2	4.9	<1	1.0	1.0	<1.6	1.6	1.6
						23.7		34.3		8.16		82.30		5.72			2.3			5.4			<1			<1.6		
						23.7		34.3		8.16		82.70		5.75			2.2			5.1			<1			<1.6		
22-Nov-18	Cloudy	Moderate	16:27	Surface	1	23.7	23.7	34.2	34.2	8.12	8.12	83.40	83.37	5.81	5.81	5.81	1.8	1.8	2.1	4.8	4.5	4.5	<1	1.0	1.0	<1.6	1.6	1.6
						23.7		34.2		8.12		83.20		5.80			1.7			4.1			<1			<1.6		
						23.7		34.2		8.12		83.50		5.82			1.9			4.6			<1			<1.6		
				Middle	3.7	23.7	23.7	34.2	34.2	8.13	8.13	83.60	83.50	5.82	5.83	5.82	2.1	2.1	2.1	4.4	4.5	4.5	<1	1.0	1.0	<1.6	1.6	1.6
						23.7		34.2		8.14		83.70		5.83			2.1			4.7			<1			<1.6		
						23.7		34.2		8.13		83.20		5.80			2.2			4.5			<1			<1.6		
				Bottom	6.4	23.6	23.6	34.3	34.3	8.14	8.14	83.30	83.20	5.80	5.79	5.80	2.3	2.3	2.3	4.2	4.4	4.4	<1	1.0	1.0	<1.6	1.6	1.6
						23.6		34.3		8.14		83.00		5.79			2.3			4.7			<1			<1.6		
						23.6		34.3		8.14		83.30		5.81			2.4			4.4			<1			<1.6		
24-Nov-18	Fine	Moderate	8:12	Surface	1	23.2	23.2	33.2	33.2	8.14	8.14	81.20	81.13	5.69	5.69	5.68	2.1	2.1	2.2	4.6	4.4	4.6	<1	1.3	1.1	<1.6	1.6	1.6
						23.2		33.2		8.14		81.10		5.68			2.2			4.3			<1			<1.6		
						23.2		33.2		8.14		81.10		5.69			2.1			4.4			<1			<1.6		
				Middle	3.7	23.1	23.1	33.2	33.2	8.14	8.14	81.10	80.97	5.69	5.67	5.68	2.1	2.2	2.2	3.5	4.0	4.6	1.0	1.0	1.0	<1.6	1.6	1.6
						23.1		33.2		8.15		80.80		5.67			2.2			3.1			<1			<1.6		
						23.1		33.2		8.15		80.80		5.67			2.4			5.4			<1			<1.6		
				Bottom	6.5	23.1	23.1	33.2	33.2	8.14	8.15	80.80	80.77	5.67	5.65	5.67	2.3	2.3	2.3	5.4	5.3	4.6	<1	1.0	1.0	<1.6	1.6	1.6
						23.1		33.2		8.16		80.50		5.65			2.3			5.4			<1			<1.6		
						23.1		33.2		8.14		81.00		5.68			2.3			5.0			<1			<1.6		
27-Nov-18	Fine	Moderate	9:13	Surface	1	22.7	22.7	34.2	34.2	8.19	8.19	85.30	85.40	6.04	6.04	6.04	3.4	3.3	3.4	7.7	7.7	8.9	<1	1.0	1.0	<1.6	1.6	1.6
						22.7		34.2		8.20		86.10		6.09			3.1			7.9			<1			<1.6		
						22.7		34.2		8.20		84.80		6.00			3.3			7.6			<1			<1.6		
				Middle	3.6	22.7	22.7	34.2	34.2	8.21	8.20	84.80	85.30	6.00	6.10	6.03	3.5	3.4	3.5	9.0	8.9	8.9	<1	1.0	1.0	<1.6	1.6	1.6
						22.7		34.2		8.19		86.20		6.00			3.3			9.0			<1			<1.6		
						22.7		34.2		8.19		84.90		6.00			3.5			8.6			<1			<1.6		
				Bottom	6.1	22.7	22.7	34.2	34.2	8.19	8.21	84.70	85.13	5.99	5.98	6.02	3.9	3.8	3.8	10.4	10.2	8.9	<1	1.0	1.0	<1.6	1.6	1.6
						22.7		34.2		8.21		84.50		5.98			3.6			10.2			<1			<1.6		
						22.7		34.2		8.22		86.20		6.10			3.8			9.9			<1			<1.6		
29-Nov-18	Sunny	Moderate	11:17	Surface	1	22.7	22.7	34.0	34.0	8.27	8.27	81.90	82.67	5.81	5.86	5.85	2.5	2.4	2.5	7.8	8.3	8.3	9.0	8.0	8.0	<1.6	1.6	1.6
						22.7		34.0		8.27		83.40		5.91			2.4			8.7			<1			<1.6		
						22.7		34.0		8.28		82.70		5.86			2.3			8.3			<1			<1.6		
				Middle	3.6	22.7	22.7	34.0	34.0	8.28	8.28	81.70	82.33	5.79	5.84	5.84	2.5	2.5	2.5	7.7	8.2	8.3	<1	8.0	8.0	<1.6	1.6	1.6
						22.7		34.0		8.28		82.30		5.84			2.4			8.8			<1			<1.6		
						22.7		34.0		8.28		83.00		5.89			2.5			8.1			<1			<1.6		
				Bottom	6.3	22.7	22.7	34.0	34.0	8.27	8.28	82.60	82.10	5.86	5.79	5.82	2.6	2.5	2.5	7.9	8.3	8.3	<1	8.0	8.0	<1.6	1.6	1.6
						22.7		34.0		8.28		81.70		5.79			2.6			8.0			<1			<1.6		
						22.7		34.0		8.28		82.00		5.81			2.3			8.9			<1			<1.6		

Water Quality Monitoring Results at IS2 - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)			Copper (µm/L)			Total PAH (µm/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
1-Nov-18	Cloudy	Moderate	6:36	Surface	1	25.2	25.1	33.1	33.1	8.24	8.24	102.80	102.83	7.02	7.03	7.03	1.7	1.8	1.8	4.0	4.0	4.2	<1	1.0	1.0	<1.6	1.6	1.6
					25.1	33.1		8.23		102.90		7.03		1.8			4.1			<1			<1.6					
					25.1	33.1		8.24		102.80		7.03		1.8			3.9			<1.0			<1.6					
				Middle	3.6	25.1	25.1	33.1	33.1	8.23	8.23	102.20	102.27	6.98	6.99	6.99	1.8	1.8	1.8	4.2	4.3	4.2	<1	1.0	1.0	<1.6	1.6	1.6
					25.1	33.1		8.23		102.40		7.00		1.8			4.2			<1.0			<1.6					
					25.1	33.1		8.23		102.20		6.99		1.8			4.4			<1.0			<1.6					
				Bottom	6.0	25.1	25.1	33.1	33.1	8.23	8.23	102.00	101.97	6.97	6.97	6.97	1.9	1.8	1.9	4.4	4.4	4.2	<1	1.0	1.0	<1.6	1.6	1.6
					25.1	33.1		8.23		101.80		6.96		1.8			4.2			<1			<1.6					
					25.1	33.1		8.23		102.10		6.98		1.9			4.5			<1			<1.6					
3-Nov-18	Fine	Moderate	9:53	Surface	1	24.7	24.7	32.7	32.8	8.22	8.23	94.40	95.30	6.50	6.54	6.54	2.5	2.5	2.5	4.3	4.1	4.3	1.0	1.0	1.0	<1.6	1.6	1.6
					24.8	32.8		8.23		95.30		6.55		2.5			3.9			<1			<1.6					
					24.8	32.9		8.23		95.70		6.57		2.4			4.0			<1			<1.6					
				Middle	3.8	24.7	24.7	33.2	33.2	8.25	8.25	96.60	96.23	6.63	6.61	6.61	2.8	2.9	2.9	4.3	4.2	4.3	<1	1.0	1.0	<1.6	1.6	1.6
					24.7	33.3		8.25		95.80		6.58		2.9			4.0			<1			<1.6					
					24.7	33.2		8.25		96.30		6.61		3.0			4.4			<1			<1.6					
				Bottom	6.7	24.7	24.7	33.2	33.2	8.25	8.25	95.20	95.53	6.53	6.57	6.55	3.0	3.0	2.9	4.5	4.6	4.6	<1	1.0	1.0	<1.6	1.6	1.6
					24.7	33.2		8.26		95.80		6.57		3.0			4.6			<1			<1.6					
					24.7	33.2		8.25		95.60		6.56		2.8			4.6			<1			<1.6					
6-Nov-18	Sunny	Moderate	11:54	Surface	1	24.9	24.9	33.1	33.1	8.23	8.23	87.40	87.50	5.99	6.00	6.00	2.1	2.1	2.1	4.9	4.7	5.1	<1	1.0	1.0	<1.6	1.6	1.6
					24.9	33.1		8.23		87.70		6.01		2.1			4.5			<1			<1.6					
					24.9	33.1		8.23		87.40		6.00		2.1			4.6			<1			<1.6					
				Middle	3.7	24.9	24.9	33.1	33.1	8.23	8.23	87.30	87.23	5.99	5.99	5.99	2.1	2.1	2.1	5.4	5.0	5.1	<1	1.0	1.0	<1.6	1.6	1.6
					24.9	33.1		8.23		87.30		5.99		2.0			5.0			<1			<1.6					
					24.9	33.1		8.23		87.10		5.98		2.1			4.7			<1			<1.6					
				Bottom	6.5	24.9	24.9	33.1	33.1	8.23	8.23	87.30	87.17	5.98	5.98	5.98	2.0	2.1	2.1	6.1	5.7	5.7	<1	1.0	1.0	<1.6	1.6	1.6
					24.8	33.1		8.23		87.10		5.98		2.1			5.7			<1			<1.6					
					24.9	33.1		8.23		87.10		5.98		2.1			5.2			<1			<1.6					
8-Nov-18	Cloudy	Moderate	10:05	Surface	1	25.0	25.0	33.1	33.1	8.18	8.18	79.10	79.07	5.41	5.41	5.41	1.7	1.8	1.8	9.6	10.0	11.4	<1	1.0	1.0	<1.6	1.6	1.6
					25.0	33.1		8.18		79.20		5.41		1.8			10.4			<1			<1.6					
					25.0	33.1		8.17		78.90		5.40		1.8			9.9			<1			<1.6					
				Middle	3.9	25.0	25.0	33.1	33.1	8.18	8.17	79.00	79.10	5.42	5.42	5.42	2.7	2.5	2.5	9.0	10.1	11.4	<1	1.0	1.0	<1.6	1.6	1.6
					25.0	33.1		8.17		79.00		5.42		2.4			10.3			<1			<1.6					
					25.0	33.1		8.19		79.30		5.43		2.5			10.9			<1			<1.6					
				Bottom	6.8	25.0	24.9	33.1	33.1	8.18	8.17	79.30	79.50	5.44	5.45	5.45	3.8	3.9	3.8	14.5	14.1	14.1	<1	1.0	1.0	<1.6	1.6	1.6
					24.9	33.1		8.17		79.40		5.45		3.9			14.1			<1			<1.6					
					24.9	33.1		8.20		79.80		5.47		3.6			13.7			<1			<1.6					
10-Nov-18	Sunny	Calm	2:21	Surface	1	24.3	24.3	34.1	34.1	8.17	8.17	77.30	77.33	5.33	5.33	5.33	2.1	2.1	2.1	4.6	4.4	5.4	<1	1.0	1.0	<1.6	1.6	1.6
					24.3	34.1		8.17		77.30		5.33		2.0			4.4			<1			<1.6					
					24.3	34.1		8.18		77.40		5.34		2.1			4.3			<1			<1.6					
				Middle	3.6	24.3	24.2	34.1	34.1	8.19	8.17	77.10	77.10	5.31	5.32	5.32	2.2	2.1	2.1	5.6	5.6	5.4	<1	1.0	1.0	<1.6	1.6	1.6
					24.2	34.1		8.17		77.10		5.32		2.1			5.5			<1			<1.6					
					24.2	34.1		8.17		77.10		5.32		2.1			5.6			<1			<1.6					
				Bottom	6.2	24.3	24.2	34.1	34.1	8.17	8.18	77.00	76.93	5.31	5.31	5.31	2.1	2.3	2.2	5.7	6.4	6.1	1.0	1.0	1.0	<1.6	1.6	1.6
					24.3	34.1		8.17		77.00		5.31		2.3			6.4			<1			<1.6					
					24.2	34.1		8.20		76.80		5.30		2.2			6.2			<1			<1.6					
13-Nov-18	Cloudy	Moderate	3:29	Surface	1	24.3	24.2	33.8	33.8	8.03	8.03	63.70	63.93	4.39	4.41	4.41	2.5	2.5	2.5	1.8	2.0	1.5	<1	1.0	1.0	<1.6	1.6	1.6
					24.3	33.8		8.03		64.60		4.46		2.4			2.5			<1			<1.6					
					24.2	33.8		8.03		63.50		4.38		2.5			1.8			<1			<1.6					
				Middle	3.7	24.3	24.3	33.7	33.8	8.04	8.03	63.90	63.57	4.42	4.39	4.39	2.5	2.6	2.5	1.2	0.9	1.5	<1	1.0	1.0	<1.6	1.6	1.6
					24.3	33.8		8.03		63.50		4.39		2.6			0.6			<1			<1.6					
					24.2	33.8		8.03		63.30		4.37		2.5			0.8			<1			<1.6					
				Bottom	6.4	24.3	24.3	33.9	33.9	8.04	8.04	63.30	63.40	4.37	4.37	4.38	2.6	2.7	2.6	1.2	2.0	1.5	<1	1.0	1.0	<1.6	1.6	1.6
					24.3	33.9		8.03		63.20		4.37		2.7			2.0			<1			<1.6					
					24.3	33.8		8.06		63.70		4.40		2.5			1.2			<1			<1.6					

Water Quality Monitoring Results at IS2 - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)			Copper (µm/L)			Total PAH (µm/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
15-Nov-18	Fine	Moderate	6:00	Surface	1	23.8	23.8	33.4	33.3	8.06	8.05	70.00	69.53	4.87	4.84	4.84	2.2	2.3	2.3	5.6	5.7	5.7	<1	1.0	1.0	<1.6	1.6	1.6
						23.8		33.3		8.05		69.80		4.86			2.4			<1			<1.6					
						23.8		33.2		8.04		68.80		4.79			2.3			<1			<1.6					
				Middle	4.2	23.8	23.8	34.2	34.2	8.09	8.09	69.50	69.77	4.82	4.84	4.84	2.8	2.9	2.7	5.3	5.7	5.5	<1	1.0	1.0	<1.6	1.6	1.6
						23.8		34.2		8.09		70.20		4.87			3.0			<1			<1.6					
						23.8		34.2		8.10		69.60		4.83			2.8			<1			<1.6					
				Bottom	7.1	23.8	23.8	34.2	34.1	8.11	8.09	68.90	68.83	4.78	4.77	4.77	2.7	2.8	2.8	5.0	5.2	5.2	<1	1.0	1.0	<1.6	1.6	1.6
						23.8		34.0		8.08		69.60		4.82			4.9			<1			<1.6					
						23.8		34.0		8.07		68.00		4.71			5.6			<1			<1.6					
17-Nov-18	Cloudy	Moderate	8:46	Surface	1	23.7	23.7	34.1	34.1	8.02	8.02	64.60	64.83	4.49	4.51	4.51	0.8	0.8	0.8	2.9	2.3	2.3	<1	1.0	1.0	<1.6	1.6	1.6
						23.7		34.1		8.02		64.90		4.51			2.1			<1			<1.6					
						23.7		34.1		8.02		65.00		4.52			2.0			<1			<1.6					
				Middle	3.9	23.7	23.7	34.1	34.1	8.03	8.02	65.30	65.40	4.54	4.55	4.55	0.9	0.8	0.8	2.8	2.6	2.6	<1	1.0	1.0	<1.6	1.6	1.6
						23.7		34.1		8.02		65.30		4.54			2.4			<1			<1.6					
						23.7		34.1		8.02		65.60		4.56			2.6			<1			<1.6					
				Bottom	6.8	23.7	23.7	34.1	34.1	8.03	8.03	65.80	65.83	4.57	4.57	4.57	0.9	0.9	0.9	2.4	2.6	2.6	<1	1.0	1.0	<1.6	1.6	1.6
						23.7		34.1		8.04		65.90		4.57			2.8			<1			<1.6					
						23.7		34.1		8.03		65.80		4.57			2.5			<1			<1.6					
20-Nov-18	Cloudy	Moderate	11:04	Surface	1	23.8	23.8	34.2	34.2	8.10	8.10	78.30	78.10	5.44	5.42	5.42	1.9	1.9	1.9	4.2	4.4	4.4	<1	1.0	1.1	<1.6	1.6	1.6
						23.8		34.2		8.10		78.00		5.41			1.8			<1			<1.6					
						23.8		34.2		8.10		78.00		5.42			1.9			<1			<1.6					
				Middle	3.9	23.8	23.8	34.2	34.2	8.10	8.11	77.50	77.40	5.38	5.37	5.37	1.9	2.0	2.0	5.5	5.4	5.4	2.0	1.3	1.3	<1.6	1.6	1.6
						23.8		34.2		8.11		77.40		5.37			5.4			<1			<1.6					
						23.8		34.2		8.11		77.30		5.37			5.4			<1			<1.6					
				Bottom	6.8	23.8	23.8	34.2	34.2	8.13	8.12	77.00	77.07	5.34	5.35	5.35	2.1	2.1	2.1	6.3	6.2	6.2	1.0	1.0	1.0	<1.6	1.6	1.6
						23.8		34.2		8.11		77.00		5.35			6.0			<1			<1.6					
						23.8		34.2		8.11		77.20		5.36			6.2			<1			<1.6					
22-Nov-18	Cloudy	Moderate	12:24	Surface	1	23.6	23.6	34.2	34.2	8.13	8.13	84.20	84.17	5.87	5.87	5.87	2.0	2.1	2.1	5.2	5.0	5.0	<1	1.0	1.0	<1.6	1.6	1.6
						23.6		34.2		8.14		84.10		5.86			2.0			<1			<1.6					
						23.6		34.2		8.14		84.20		5.87			2.2			<1			<1.6					
				Middle	4.0	23.6	23.6	34.3	34.3	8.16	8.16	84.50	84.57	5.90	5.90	5.90	2.4	2.3	2.3	4.3	4.2	4.2	<1	1.0	1.0	<1.6	1.6	1.6
						23.6		34.3		8.16		84.70		5.90			4.4			<1			<1.6					
						23.6		34.3		8.16		84.50		5.89			3.9			<1			<1.6					
				Bottom	7.0	23.5	23.5	34.3	34.3	8.17	8.17	84.50	84.20	5.90	5.87	5.87	2.5	2.5	2.5	4.3	4.1	4.1	<1	1.0	1.0	<1.6	1.6	1.6
						23.5		34.3		8.17		84.10		5.86			3.9			<1			<1.6					
						23.5		34.3		8.18		84.00		5.86			4.0			<1			<1.6					
24-Nov-18	Sunny	Moderate	11:33	Surface	1	23.3	23.3	33.2	33.2	8.14	8.14	81.20	81.13	5.69	5.69	5.69	1.9	1.9	1.9	5.2	4.8	4.8	1.0	1.0	1.1	<1.6	1.6	1.6
						23.3		33.2		8.14		80.90		5.67			4.3			<1			<1.6					
						23.3		33.2		8.14		81.30		5.70			4.8			<1			<1.6					
				Middle	3.7	23.3	23.3	33.2	33.2	8.15	8.15	80.80	80.97	5.67	5.68	5.68	2.2	2.2	2.2	4.6	4.9	4.9	1.0	1.3	1.3	<1.6	1.6	1.6
						23.3		33.2		8.15		80.80		5.67			4.6			<1			<1.6					
						23.3		33.2		8.15		81.30		5.70			5.4			<1			<1.6					
				Bottom	6.4	23.3	23.2	33.2	33.2	8.15	8.15	81.00	80.63	5.68	5.65	5.65	2.2	2.2	2.2	5.1	5.3	5.3	<1	1.0	1.0	<1.6	1.6	1.6
						23.2		33.2		8.15		80.20		5.62			5.0			<1			<1.6					
						23.2		33.2		8.14		80.70		5.65			5.7			<1			<1.6					
27-Nov-18	Fine	Moderate	4:07	Surface	1	22.9	22.9	33.9	33.9	8.12	8.12	77.30	77.73	5.46	5.49	5.49	4.6	4.8	4.8	11.7	11.3	11.3	<1	1.3	1.1	<1.6	1.6	1.6
						22.9		33.9		8.12		78.50		5.55			11.2			<1			<1.6					
						22.9		33.9		8.12		77.40		5.47			10.9			<1			<1.6					
				Middle	3.9	22.8	22.8	34.0	33.9	8.13	8.13	77.30	77.57	5.47	5.49	5.49	4.8	5.0	5.0	12.6	11.8	11.8	<1	1.0	1.1	<1.6	1.6	1.6
						22.8		34.0		8.13		77.10		5.46			11.9			<1			<1.6					
						22.9		33.9		8.14		78.30		5.54			10.8			<1			<1.6					
				Bottom	6.9	22.9	22.9	33.9	33.9	8.13	8.14	77.20	77.03	5.46	5.45	5.45	4.9	5.3	5.3	11.2	11.6	11.6	<1	1.0	1.0	<1.6	1.6	1.6
						22.9		33.9		8.15		76.80		5.43			11.4			<1			<1.6					
						22.9		34.0		8.14		77.10		5.45			12.1			<1			<1.6					
29-Nov-18	Fine	Moderate	6:01	Surface	1	22.6	22.6	33.7	33.7	8.23	8.23	79.60	79.80	5.65	5.66	5.66	2.6	2.6	2.6	5.6	5.8	5.8	8.0	8.3	8.6	<1.6	1.6	1.6
						22.6		33.7		8.24		80.00		5.68			5.7			<1			<1.6					
						22.6		33.7		8.24		79.80		5.66			6.2			<1			<1.6					
				Middle	3.9	22.5	22.5	33.8	33.8	8.24	8.24	79.40	79.13	5.64	5.62	5.62	3.2	3.0	3.0	7.9	7.5	7.5	8.0	8.7	8.7	<1.6	1.6	1.6
						22.5		33.8		8.23		79.30		5.63			7.2			<1			<1.6					
						22.5		33.8		8.26		78.70		5.59			7.5			<1			<1.6					
				Bottom	6.8	22.5	22.5	33.9	33.8	8.23	8.25	79.40	79.13	5.64	5.62	5.62	3.6	3.7	3.7	6.5	7.0	7.0	8.0	8.7	8.7	<1.6	1.6	1.6
						22.5		33.9		8.24		79.60		5.65			7.2			<1			<1.6					
						22.5		33.8		8.27		78.40		5.57			7.2			<1			<1.6					

Water Quality Monitoring Results at IS2 - Mid-Flood Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)		Suspended Solids (mg/L)		Copper (µm/L)		Total PAH (µm/L)								
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
15-Nov-18	Fine	Moderate	15:59	Surface	1	23.9	23.9	34.2	34.2	8.12	8.12	85.10	85.87	5.90	5.77	1.7	1.8	3.4	3.4	<1	1.0	<1.6	1.6							
					Middle	4.2	23.9	23.9	34.2	34.2	8.13	8.13	89.40	79.63	5.77	5.52	1.8	1.9	3.9	4.2	4.4	<1	1.0	<1.6	1.6					
						7.3	23.9	23.9	34.2	34.2	8.14	8.13	80.40	79.20	5.57	5.49	1.9	1.8	4.4	5.5	5.2	<1	1.0	<1.6	1.6					
				Bottom	7.3	23.9	23.9	34.2	34.2	8.12	8.13	81.10	80.20	5.62	5.56	2.2	2.2	2.2	2.4	2.2	2.2	<1	1.0	<1.6	1.6					
					7.3	23.9	23.9	34.2	34.2	8.12	8.13	80.10	80.20	5.56	5.56	2.0	2.0	2.0	2.4	2.2	2.2	<1	1.0	<1.6	1.6					
					7.3	23.9	23.9	34.2	34.2	8.12	8.13	80.10	80.20	5.56	5.56	2.0	2.0	2.0	2.4	2.2	2.2	<1	1.0	<1.6	1.6					
				17-Nov-18	Cloudy	Moderate	13:48	Surface	1	23.8	23.8	34.0	34.0	8.06	8.05	65.80	66.00	4.57	4.59	1.1	1.1	1.8	1.7	<1	1.0	<1.6	1.6			
									Middle	4.0	23.8	23.8	34.0	34.0	8.05	8.05	66.10	66.30	4.59	4.61	1.1	1.2	1.4	2.4	2.2	<1	1.0	<1.6	1.6	
										7.0	23.8	23.8	34.0	34.0	8.06	8.06	66.70	66.40	4.64	4.61	1.1	1.2	2.6	2.4	2.4	<1	1.0	<1.6	1.6	
Bottom	7.0	23.8	23.8					34.1	34.1	8.06	8.06	66.00	66.40	4.59	4.61	1.3	1.2	2.3	2.4	2.3	2.4	<1	1.0	<1.6	1.6					
	7.0	23.8	23.8					34.1	34.1	8.06	8.06	66.30	66.40	4.60	4.61	1.1	1.2	2.3	2.4	2.3	2.4	<1	1.0	<1.6	1.6					
	7.0	23.8	23.8					34.0	34.0	8.06	8.06	66.90	66.90	4.65	4.65	1.1	1.1	2.3	2.4	2.3	2.4	<1	1.0	<1.6	1.6					
20-Nov-18	Cloudy	Moderate	15:09					Surface	1	23.7	23.7	34.2	34.2	8.17	8.16	83.30	83.10	5.80	5.78	2.0	2.0	6.5	6.8	<1	1.0	<1.6	1.6			
									Middle	4.0	23.7	23.7	34.2	34.2	8.16	8.16	83.10	82.50	5.78	5.74	1.9	2.1	6.9	7.2	7.2	<1	1.0	<1.6	1.6	
										7.0	23.7	23.7	34.2	34.2	8.16	8.16	82.90	82.60	5.77	5.74	2.0	2.1	7.0	7.2	7.2	<1	1.0	<1.6	1.6	
				Bottom	7.0	23.7	23.7	34.2	34.2	8.16	8.16	82.30	82.27	5.74	5.72	2.2	2.2	7.5	7.8	7.5	7.8	<1	1.0	<1.6	1.6					
					7.0	23.7	23.7	34.3	34.3	8.17	8.16	82.30	82.27	5.72	5.72	2.3	2.2	7.7	7.8	7.5	7.8	<1	1.0	<1.6	1.6					
					7.0	23.7	23.7	34.3	34.3	8.16	8.16	82.00	82.00	5.71	5.71	2.2	2.2	7.5	7.8	7.5	7.8	<1	1.0	<1.6	1.6					
				22-Nov-18	Cloudy	Moderate	15:58	Surface	1	23.7	23.7	34.2	34.2	8.11	8.11	83.50	83.53	5.82	5.82	1.8	1.9	4.0	4.3	<1	1.0	<1.6	1.6			
									Middle	4.1	23.7	23.7	34.2	34.2	8.13	8.13	83.70	83.77	5.83	5.84	1.9	2.2	4.4	5.2	4.7	<1	1.0	<1.6	1.6	
										7.2	23.7	23.7	34.2	34.2	8.12	8.13	83.40	83.50	5.81	5.82	2.0	2.2	4.5	5.5	4.7	<1	1.0	<1.6	1.6	
Bottom	7.2	23.7	23.7					34.3	34.3	8.13	8.13	83.90	83.80	5.85	5.83	2.3	2.5	5.2	5.2	5.0	5.2	<1	1.0	<1.6	1.6					
	7.2	23.7	23.7					34.3	34.3	8.12	8.13	83.90	83.53	5.84	5.82	2.2	2.5	5.5	5.2	5.0	5.2	<1	1.0	<1.6	1.6					
	7.2	23.7	23.7					34.3	34.3	8.13	8.13	83.50	83.53	5.82	5.82	2.2	2.5	5.0	5.2	5.0	5.2	<1	1.0	<1.6	1.6					
24-Nov-18	Fine	Moderate	8:36					Surface	1	23.2	23.2	33.2	33.2	8.12	8.13	81.80	83.67	5.74	5.87	3.4	3.4	8.5	8.4	<1	1.0	<1.6	1.6			
									Middle	3.8	23.2	23.2	33.2	33.2	8.13	8.13	87.90	82.30	5.72	5.77	3.4	3.4	9.0	6.8	6.9	<1	1.0	<1.6	1.6	
										6.6	23.2	23.2	33.2	33.2	8.13	8.13	81.30	81.10	5.70	5.68	3.3	3.3	7.7	7.0	7.0	<1	1.0	<1.6	1.6	
				Bottom	6.6	23.1	23.1	33.2	33.2	8.13	8.14	81.10	81.77	5.69	5.73	3.5	3.5	6.5	5.4	5.6	5.4	<1	1.0	<1.6	1.6					
					6.6	23.1	23.1	33.2	33.2	8.14	8.14	81.10	81.77	5.69	5.73	3.5	3.5	7.0	5.4	5.6	5.4	<1	1.0	<1.6	1.6					
					6.6	23.1	23.1	33.2	33.2	8.16	8.14	83.40	83.40	5.84	5.73	3.5	3.5	5.5	5.4	5.5	5.4	<1	1.0	<1.6	1.6					
				27-Nov-18	Fine	Moderate	8:47	Surface	1	22.7	22.7	34.2	34.2	8.17	8.17	91.00	91.13	6.43	6.44	3.3	3.4	12.9	13.0	<1	1.0	<1.6	1.6			
									Middle	3.8	22.7	22.7	34.2	34.2	8.18	8.17	88.50	86.10	6.26	6.09	3.4	3.4	12.2	10.3	11.2	<1	1.0	<1.6	1.6	
										6.6	22.7	22.7	34.2	34.2	8.17	8.17	93.90	85.53	6.64	6.05	3.4	3.2	13.9	10.3	11.2	<1	1.0	<1.6	1.6	
Bottom	6.6	22.7	22.7					34.2	34.2	8.17	8.17	87.10	85.20	6.16	6.05	3.4	3.3	10.8	10.3	11.2	10.3	<1	1.0	<1.6	1.6					
	6.6	22.7	22.7					34.2	34.2	8.18	8.17	85.10	85.20	6.02	6.05	3.2	3.3	10.0	10.3	11.2	10.3	<1	1.0	<1.6	1.6					
	6.6	22.7	22.7					34.2	34.2	8.17	8.17	86.10	85.53	6.09	6.05	3.2	3.3	10.0	10.3	11.2	10.3	<1	1.0	<1.6	1.6					
29-Nov-18	Sunny	Moderate	10:51					Surface	1	22.7	22.7	34.0	34.0	8.29	8.28	90.60	92.83	6.43	6.59	2.4	2.3	7.6	7.4	9.0	8.7	<1	1.0	<1.6	1.6	
									Middle	3.8	22.7	22.7	34.0	34.0	8.27	8.29	92.60	86.73	6.57	6.15	2.4	2.5	7.1	9.0	8.3	<1	1.0	<1.6	1.6	
										6.7	22.7	22.7	34.0	34.0	8.27	8.29	95.30	84.10	6.76	6.02	2.2	2.6	8.0	8.4	8.0	<1	1.0	<1.6	1.6	
				Bottom	6.7	22.7	22.7	34.0	34.0	8.27	8.29	88.70	84.90	6.29	6.02	2.4	2.6	8.8	8.4	8.0	8.3	<1	1.0	<1.6	1.6					
					6.7	22.7	22.7	34.0	34.0	8.30	8.29	87.40	84.90	6.20	6.02	2.5	2.6	9.4	8.4	8.0	8.3	<1	1.0	<1.6	1.6					
					6.7	22.7	22.7	34.0	34.0	8.29	8.28	84.10	84.90	5.96	6.02	2.6	2.6	8.9	8.4	8.0	8.3	<1	1.0	<1.6	1.6					

Water Quality Monitoring Results at IS3 - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)			Copper (µm/L)			Total PAH (µm/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
1-Nov-18	Cloudy	Moderate	5:19	Surface	1	25.1	25.1	33.1	33.1	8.23	8.23	103.40	102.73	7.07	7.03	7.02	1.7	1.6	2.1	4.7	4.9	5.2	<1	1.0	1.1	<1.6	1.6	1.6
					25.1	33.1	8.23	102.60	7.02	1.6	4.9	1.0	<1.6															
					25.1	33.1	8.23	102.20	6.99	1.6	5.0	1.0	<1.6															
				Middle	8.0	25.1	25.1	33.2	33.2	8.21	8.21	102.50	102.53	7.01	7.01	7.01	2.3	2.2	2.1	5.1	5.2	5.2	2.0	1.0	1.1	<1.6	1.6	1.6
					25.1	33.2	8.21	102.20	6.98	2.2	4.7	1.0	<1.6															
					25.1	33.2	8.21	101.40	6.93	2.4	5.6	1.0	<1.6															
				Bottom	15.1	25.1	25.1	33.2	33.2	8.21	8.21	101.00	101.17	6.90	6.91	6.91	2.5	2.5	2.1	5.9	5.7	5.2	1.0	1.0	1.1	<1.6	1.6	1.6
					25.1	33.2	8.21	101.10	6.91	2.5	5.7	1.0	<1.6															
					25.1	33.2	8.21	101.10	6.91	2.5	5.7	1.0	<1.6															
3-Nov-18	Fine	Moderate	8:18	Surface	1	24.7	24.7	33.2	33.2	8.23	8.23	97.60	97.47	6.70	6.69	6.71	3.8	3.8	4.5	4.6	4.6	5.6	<1	1.0	1.0	<1.6	1.6	1.6
					24.7	33.2	8.23	97.40	6.69	4.0	4.8	<1	<1.6															
					24.7	33.3	8.24	98.10	6.74	4.5	5.5	<1	<1.6															
				Middle	8.8	24.7	24.7	33.3	33.3	8.24	8.24	97.70	97.80	6.71	6.72	6.72	4.3	4.4	4.5	5.6	5.3	5.6	<1	1.0	1.0	<1.6	1.6	1.6
					24.7	33.3	8.24	97.60	6.70	4.3	4.8	<1	<1.6															
					24.7	33.3	8.25	97.70	6.71	5.2	6.8	<1	<1.6															
				Bottom	16.6	24.7	24.7	33.3	33.3	8.24	8.24	97.70	97.87	6.71	6.72	6.72	5.3	5.4	4.5	6.6	6.8	5.6	<1	1.0	1.0	<1.6	1.6	1.6
					24.6	33.3	8.24	98.20	6.74	5.6	6.9	<1	<1.6															
					24.6	33.3	8.24	98.20	6.74	5.6	6.9	<1	<1.6															
6-Nov-18	Sunny	Moderate	10:33	Surface	1	24.9	24.9	33.1	33.1	8.19	8.19	85.50	85.53	5.87	5.87	5.87	3.5	3.5	3.6	5.4	5.5	5.8	<1	1.0	1.0	<1.6	1.6	1.6
					24.8	33.1	8.19	85.50	5.88	3.4	5.4	<1	<1.6															
					24.9	33.1	8.19	85.60	5.88	3.4	5.4	<1	<1.6															
				Middle	8.5	24.8	24.8	33.1	33.1	8.19	8.19	85.20	85.30	5.86	5.86	5.86	3.6	3.6	3.6	6.2	6.0	5.8	<1	1.0	1.0	<1.6	1.6	1.6
					24.8	33.1	8.19	85.40	5.86	3.6	5.7	<1	<1.6															
					24.8	33.1	8.19	85.30	5.86	3.5	6.1	<1	<1.6															
				Bottom	15.8	24.8	24.8	33.1	33.1	8.19	8.19	85.10	85.17	5.84	5.85	5.85	3.6	3.6	3.6	5.1	5.8	5.8	<1	1.0	1.0	<1.6	1.6	1.6
					24.8	33.1	8.19	85.30	5.86	3.6	6.3	<1	<1.6															
					24.8	33.1	8.19	85.10	5.85	3.7	6.0	<1	<1.6															
8-Nov-18	Cloudy	Moderate	11:31	Surface	1	25.2	25.2	33.0	33.0	8.18	8.18	79.40	79.57	5.43	5.44	5.41	2.0	2.0	2.9	14.2	13.9	10.1	<1	1.0	1.0	<1.6	1.6	1.6
					25.2	33.0	8.18	79.50	5.43	2.0	13.8	<1	<1.6															
					24.8	33.2	8.19	78.10	5.36	2.8	8.4	<1	<1.6															
				Middle	8.9	24.8	24.8	33.2	33.2	8.20	8.19	78.60	78.30	5.39	5.37	5.37	2.9	2.8	2.9	8.7	8.5	10.1	<1	1.0	1.0	<1.6	1.6	1.6
					24.8	33.2	8.19	78.20	5.37	2.8	8.4	<1	<1.6															
					24.8	33.2	8.19	78.50	5.40	4.0	8.2	<1	<1.6															
				Bottom	16.8	24.8	24.8	33.2	33.2	8.19	8.19	78.80	78.77	5.41	5.41	5.41	4.1	4.0	2.9	8.2	7.9	10.1	<1	1.0	1.0	<1.6	1.6	1.6
					24.8	33.2	8.20	79.00	5.43	3.9	7.4	<1	<1.6															
					24.8	33.2	8.20	79.00	5.43	3.9	7.4	<1	<1.6															
10-Nov-18	Sunny	Calm	0:56	Surface	1	24.2	24.2	34.2	34.2	8.17	8.17	80.10	80.00	5.53	5.52	5.52	1.9	1.9	2.0	5.2	5.5	6.2	1.0	1.0	1.0	<1.6	1.6	1.6
					24.2	34.2	8.17	79.90	5.52	1.9	6.0	<1	<1.6															
					24.2	34.2	8.17	79.90	5.52	1.9	6.0	<1	<1.6															
				Middle	8.3	24.2	24.2	34.2	34.2	8.17	8.18	80.00	79.93	5.52	5.52	5.52	2.0	1.9	2.0	4.1	4.8	6.2	1.0	1.0	1.0	<1.6	1.6	1.6
					24.2	34.2	8.17	80.00	5.52	1.9	5.0	<1	<1.6															
					24.2	34.2	8.17	79.90	5.52	1.9	5.0	<1	<1.6															
				Bottom	15.5	24.2	24.2	34.2	34.2	8.18	8.18	79.80	79.80	5.51	5.51	5.51	2.1	2.1	2.0	8.7	8.3	6.2	1.0	1.0	1.0	<1.6	1.6	1.6
					24.2	34.2	8.20	79.80	5.51	2.2	8.4	<1	<1.6															
					24.2	34.2	8.17	79.80	5.51	2.0	7.7	<1	<1.6															
13-Nov-18	Cloudy	Moderate	2:13	Surface	1	24.3	24.3	33.8	33.8	8.02	8.02	64.60	66.43	4.46	4.59	4.54	2.8	2.8	2.9	1.1	1.1	1.6	1.0	1.0	1.1	<1.6	1.6	1.6
					24.3	33.8	8.02	65.20	4.50	2.8	1.0	<1.6																
					24.3	33.8	8.01	69.50	4.80	2.9	1.1	<1.6																
				Middle	9.2	24.3	24.3	33.9	33.9	8.02	8.02	64.90	65.20	4.48	4.50	4.50	2.8	2.9	2.9	1.0	1.4	1.6	2.0	1.3	1.1	<1.6	1.6	1.6
					24.3	33.9	8.02	64.30	4.44	2.9	1.5	<1.6																
					24.3	33.9	8.01	66.40	4.58	2.9	1.6	<1.6																
				Bottom	17.3	24.3	24.3	34.0	34.0	8.02	8.01	63.70	64.63	4.40	4.46	4.46	2.9	3.0	2.9	2.6	2.5	1.6	1.0	1.0	1.1	<1.6	1.6	1.6
					24.3	34.0	8.01	64.30	4.43	3.1	2.4	<1.6																
					24.3	34.0	8.01	65.90	4.55	2.9	2.4	<1.6																

Water Quality Monitoring Results at IS3 - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)			Copper (µm/L)			Total PAH (µm/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
15-Nov-18	Fine	Moderate	4:36	Surface	1	23.8	23.8	34.2	34.2	8.08	8.08	71.10	70.97	4.93	4.92	4.94	2.3	2.5	2.4	4.8	4.9	5.6	<1	1.0	1.0	<1.6	1.6	1.6
					23.8	23.8	34.2	34.2	8.08	8.08	70.60	4.90	2.6	2.5	5.1		<1	<1.6										
					23.8	23.8	34.2	34.2	8.08	8.08	70.30	4.87	2.4	2.3	5.5		<1	<1.6										
				Middle	9.2	23.8	23.8	34.2	34.2	8.07	8.07	71.80	71.57	4.98	4.96	4.93	2.4	2.2	2.4	5.3	5.6	5.6	<1	1.0	1.0	<1.6	1.6	1.6
					23.8	23.8	34.2	34.2	8.07	8.07	72.60	5.03	2.4	2.4	6.0		<1	<1.6										
					23.8	23.8	34.2	34.2	8.08	8.08	70.40	4.88	2.3	2.4	6.1		<1	<1.6										
				Bottom	17.2	23.8	23.8	34.2	34.2	8.07	8.08	70.60	71.17	4.89	4.93	4.93	2.4	2.4	2.4	6.2	6.3	6.3	<1	1.0	1.0	<1.6	1.6	1.6
					23.8	23.8	34.2	34.2	8.08	8.08	72.50	5.02	2.5	2.5	6.5		<1	<1.6										
					23.8	23.8	34.2	34.2	8.08	8.08	72.50	5.02	2.5	2.5	6.5		<1	<1.6										
17-Nov-18	Cloudy	Moderate	7:16	Surface	1	23.7	23.7	34.1	34.1	8.00	8.01	68.90	68.73	4.78	4.77	4.75	0.8	0.8	0.9	1.5	1.6	1.8	1.0	1.3	1.4	<1.6	1.6	1.6
					23.7	23.7	34.1	34.1	8.01	8.02	68.70	4.76	0.8	0.8	1.9		2.0	<1.6										
					23.7	23.7	34.1	34.1	8.01	8.01	68.20	4.74	0.8	0.9	1.8		1.8	1.0		1.0	<1.6							
				Middle	9.0	23.7	23.7	34.1	34.1	8.01	8.01	67.90	67.97	4.71	4.72	4.75	1.0	0.9	0.9	2.0	1.8	1.8	1.0	1.0	1.0	<1.6	1.6	1.6
					23.7	23.7	34.1	34.1	8.02	8.02	67.80	4.71	1.0	0.9	1.5		1.0	<1.6										
					23.7	23.7	34.1	34.1	8.01	8.01	68.50	4.76	0.9	0.9	1.6		2.0	<1.6										
				Bottom	17.0	23.7	23.7	34.1	34.1	8.02	8.01	68.40	68.40	4.75	4.75	4.75	0.9	0.9	0.9	2.5	2.2	2.2	2.0	2.0	2.0	<1.6	1.6	1.6
					23.7	23.7	34.1	34.1	8.01	8.01	68.30	4.74	0.9	0.9	2.0		2.0	<1.6										
					23.7	23.7	34.1	34.1	8.01	8.01	68.30	4.74	0.9	0.9	2.0		2.0	<1.6										
20-Nov-18	Cloudy	Moderate	9:42	Surface	1	23.8	23.8	34.2	34.1	8.07	8.07	76.70	76.40	5.32	5.30	5.28	2.0	2.0	2.3	5.7	5.7	6.3	<1	1.0	4.0	<1.6	1.6	1.6
					23.8	23.8	34.1	34.2	8.07	8.07	76.30	5.30	2.0	2.0	5.5		<1	<1.6										
					23.8	23.8	34.2	34.2	8.07	8.07	76.20	5.29	2.1	2.4	5.7		<1	<1.6										
				Middle	8.9	23.8	23.8	34.2	34.2	8.07	8.07	75.80	75.70	5.26	5.26	5.24	2.4	2.4	2.5	5.9	5.8	5.8	<1	1.0	1.0	<1.6	1.6	1.6
					23.8	23.8	34.2	34.2	8.07	8.07	75.40	5.23	2.4	2.4	5.7		<1	<1.6										
					23.8	23.8	34.2	34.2	8.07	8.07	75.90	5.28	2.5	2.5	5.7		<1	<1.6										
				Bottom	16.8	23.8	23.8	34.2	34.2	8.08	8.07	75.70	75.50	5.25	5.24	5.24	2.6	2.5	2.5	7.0	7.4	7.4	<1	10.0	10.0	<1.6	1.6	1.6
					23.8	23.8	34.2	34.2	8.07	8.07	75.30	5.23	2.4	2.4	7.5		3.0	<1.6										
					23.8	23.8	34.2	34.2	8.07	8.07	75.50	5.24	2.6	2.6	7.7		3.0	<1.6										
22-Nov-18	Cloudy	Moderate	10:56	Surface	1	23.6	23.6	34.2	34.2	8.10	8.10	85.30	85.50	5.94	5.95	5.93	2.2	2.2	2.5	4.0	4.2	4.0	<1	1.0	1.0	<1.6	1.6	1.6
					23.6	23.6	34.2	34.2	8.11	8.10	85.60	5.96	2.3	2.0	4.1		<1	<1.6										
					23.6	23.6	34.2	34.2	8.10	8.10	85.60	5.96	2.0	2.5	4.5		<1	<1.6										
				Middle	8.8	23.5	23.5	34.3	34.3	8.14	8.13	84.70	84.73	5.91	5.91	5.89	2.4	2.5	2.8	4.5	4.0	4.0	<1	1.0	1.0	<1.6	1.6	1.6
					23.5	23.5	34.3	34.3	8.13	8.13	84.60	5.90	2.4	2.4	3.9		<1	<1.6										
					23.5	23.5	34.3	34.3	8.13	8.13	84.90	5.92	2.6	2.6	3.7		<1	<1.6										
				Bottom	16.7	23.5	23.5	34.3	34.3	8.14	8.14	84.20	84.37	5.88	5.89	5.89	2.8	2.8	2.8	3.6	3.7	3.7	<1	1.0	1.0	<1.6	1.6	1.6
					23.5	23.5	34.3	34.3	8.14	8.14	84.30	5.88	2.8	2.8	3.3		<1	<1.6										
					23.5	23.5	34.3	34.3	8.14	8.14	84.60	5.90	2.8	2.8	4.1		<1	<1.6										
24-Nov-18	Sunny	Moderate	12:58	Surface	1	23.3	23.3	33.3	33.2	8.14	8.14	81.30	82.43	5.71	5.79	5.73	4.6	4.6	4.7	5.4	5.6	6.1	1.0	1.0	1.0	<1.6	1.6	1.6
					23.3	23.3	33.2	33.3	8.14	8.15	80.00	5.61	4.6	4.7	5.4		<1	<1.6										
					23.3	23.3	33.3	33.2	8.15	8.14	86.00	6.04	4.7	4.8	5.9		<1	<1.6										
				Middle	8.5	23.2	23.2	33.3	33.2	8.14	8.14	80.10	80.80	5.62	5.67	5.64	4.8	4.8	4.8	4.4	5.2	5.2	<1	1.0	1.0	<1.6	1.6	1.6
					23.2	23.2	33.3	33.3	8.14	8.14	82.80	5.81	4.8	4.8	5.1		1.0	<1.6										
					23.2	23.2	33.3	33.3	8.14	8.14	79.50	5.57	4.7	4.7	6.0		1.0	<1.6										
				Bottom	16.1	23.2	23.2	33.3	33.2	8.16	8.13	81.90	80.30	5.74	5.64	5.64	4.8	4.8	4.8	6.8	7.5	7.5	<1	1.0	1.0	<1.6	1.6	1.6
					23.2	23.2	33.2	33.2	8.13	8.14	80.00	5.62	4.8	4.8	7.7		<1	<1.6										
					23.2	23.2	33.3	33.3	8.14	8.14	79.00	5.55	4.7	4.7	7.9		<1	<1.6										
27-Nov-18	Fine	Moderate	2:40	Surface	1	22.9	22.9	33.9	33.9	8.08	8.08	78.70	78.43	5.57	5.55	5.52	3.8	3.9	4.8	9.3	9.0	9.8	<1	1.0	1.0	<1.6	1.6	1.6
					22.9	22.9	33.9	33.9	8.09	8.09	77.60	5.49	3.8	4.0	8.7		<1	<1.6										
					22.9	22.9	33.9	33.9	8.09	8.09	79.00	5.59	4.0	4.0	8.9		<1	<1.6										
				Middle	9.2	22.8	22.8	34.0	33.9	8.11	8.10	77.70	77.63	5.49	5.49	5.48	5.1	5.4	5.4	9.6	10.0	10.4	1.0	1.0	1.0	<1.6	1.6	1.6
					22.8	22.8	33.9	33.9	8.09	8.09	77.60	5.49	5.5	5.5	10.2		1.0	<1.6										
					22.8	22.8	34.0	34.0	8.09	8.09	77.60	5.49	5.5	5.5	10.3		1.0	<1.6										
				Bottom	17.3	22.8	22.9	34.0	33.9	8.09	8.10	77.30	77.37	5.47	5.48	5.48	5.2	5.3	5.3	10.0	10.4	10.4	<1	1.0	1.0	<1.6	1.6	1.6
					22.9	22.9	34.0	33.9	8.11	8.10	77.40	5.48	5.3	5.3	10.3		<1	<1.6										
					22.9	22.9	33.9	33.9	8.10	8.10	77.40	5.48	5.4	5.4	11.0		<1	<1.6										
29-Nov-18	Fine	Moderate	4:40	Surface	1	22.6	22.6	33.8	33.8	8.27	8.27	80.90	80.90	5.74	5.74	5.73	2.9	3.0	3.1	7.5	7.8	7.6	8.0	8.0	7.9	<1.6	1.6	1.6
					22.6	22.6	33.8	33.8	8.26	8.28	80.80	5.73	3.1	3.0	7.8		8.0	<1.6										
					22.6	22.6	33.8	33.8	8.28	8.28	81.00	5.75	2.9	2.9	8.0		8.0	<1.6										
				Middle	9.1	22.5	22.5	33.8	33.8	8.26	8.28	80.40	80.57	5.71	5.72	5.66	3.3	3.2	3.2	7.1	7.0	7.0	6.0	7.3	7.3	<1.6	1.6	1.6
					22.5	22.5	33.8	33.8	8.29	8.28	80.90	5.74	3.2	3.2	6.8		8.0	<1.6										
					22.5	22.5	33.8	33.8	8.28	8.28	80.40	5.71	3.2	3.2	7.1		8.0	<1.6										
				Bottom	17.1	22.5	22.5	33.8	33.8	8.27	8.28	79.30	79.77	5.63	5.66	5.66	3.4	3.2	3.2	7.6	8.1	8.1	9.0	8.3	8.3	<1.6	1.6	1.6
					22.5	22.5	33.8	33.8	8.28	8.28	80.90	5.74	3.2	3.2	8.0		8.0	<1.6										
					22.5	22.5	33.8	33.8	8.29	8.29	79.10	5.61	3.0	3.0	8.4		8.0	<1.6										

Water Quality Monitoring Results at IS3 - Mid-Flood Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)			Copper (µm/L)			Total PAH (µm/L)			
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
15-Nov-18	Fine	Moderate	17:22	Surface	1	23.9	23.9	34.1	34.1	8.11	8.13	75.50	76.37	5.24	5.30	5.30	2.0	1.9	1.9	5.5	5.1	5.1	<1	1.0	1.0	<1.6	1.6	1.6
					23.9	34.2		8.14		77.20		5.35		1.9			<1						<1.6					
					23.9	34.2		8.15		76.40		5.30		1.8			<1						<1.6					
				Middle	8.9	23.9	34.2	8.14	76.90	5.34	1.9	<1	<1.6															
					23.9	34.2	8.16	76.10	5.28	2.2	2.0	4.6	3.9	4.0	4.8	<1	<1.6											
					23.9	34.2	8.14	76.10	5.28	2.0	2.0	3.6	4.0	4.8	<1	<1.6												
				Bottom	16.8	23.9	34.2	8.14	76.60	5.31	2.7	<1	<1.6															
					23.9	34.2	8.14	76.00	5.27	2.8	2.8	5.3	5.1	4.8	<1	<1.6												
					23.9	34.2	8.17	76.20	5.28	3.0	2.8	4.9	5.1	4.8	<1	<1.6												
17-Nov-18	Cloudy	Moderate	15:07	Surface	1	23.8	23.8	34.1	34.1	8.04	8.05	70.70	69.90	4.91	4.86	4.86	1.4	1.4	1.4	2.3	2.3	2.3	<1	1.0	1.0	<1.6	1.6	1.6
					23.8	34.1		8.06		69.80		4.86		1.5			<1						<1.6					
					23.8	34.1		8.06		69.20		4.81		1.4			<1						<1.6					
				Middle	9.1	23.8	34.1	8.04	70.80	4.92	1.4	<1	<1.6															
					23.8	34.1	8.06	69.00	4.80	1.4	1.5	1.6	2.0	2.1	<1	<1.6												
					23.8	34.1	8.05	70.10	4.87	1.6	1.5	2.2	2.0	2.1	<1	<1.6												
				Bottom	17.2	23.8	34.1	8.05	69.20	4.81	1.4	<1	<1.6															
					23.8	34.1	8.05	70.20	4.88	1.6	1.5	1.5	1.9	1.9	<1	<1.6												
					23.8	34.1	8.04	71.10	4.94	1.4	1.5	2.2	1.9	1.9	<1	<1.6												
20-Nov-18	Cloudy	Moderate	16:38	Surface	1	23.8	23.7	34.2	34.2	8.17	8.17	83.30	83.30	5.79	5.80	5.79	1.8	2.0	2.0	6.0	6.5	6.3	<1	1.0	1.0	<1.6	1.6	1.6
					23.7	34.2		8.17		83.40		5.80		2.2			<1						<1.6					
					23.8	34.2		8.17		83.20		5.78		2.1			<1						<1.6					
				Middle	9.1	23.7	34.2	8.16	82.20	5.72	2.5	<1	<1.6															
					23.7	34.2	8.16	82.30	5.72	2.6	2.6	7.2	7.3	6.7	<1	<1.6												
					23.8	34.2	8.16	82.30	5.72	2.6	2.6	7.0	7.2	6.7	<1	<1.6												
				Bottom	17.0	23.7	34.3	8.16	82.70	5.76	2.9	<1	<1.6															
					23.7	34.2	8.16	82.40	5.73	2.8	2.9	6.9	6.8	6.8	<1	<1.6												
					23.7	34.2	8.16	82.50	5.74	3.0	2.9	6.6	6.8	6.8	<1	<1.6												
22-Nov-18	Cloudy	Moderate	17:28	Surface	1	23.7	23.7	34.2	34.2	8.13	8.13	83.00	82.87	5.79	5.77	5.78	2.0	1.8	1.8	5.1	5.0	4.9	<1	1.0	1.0	<1.6	1.6	1.6
					23.7	34.2		8.13		82.80		5.77		1.7			<1						<1.6					
					23.7	34.2		8.13		82.80		5.77		1.8			<1						<1.6					
				Middle	8.7	23.6	34.2	8.14	83.30	5.81	2.5	<1	<1.6															
					23.6	34.3	8.15	83.50	5.82	2.6	2.6	4.7	4.4	4.5	<1	<1.6												
					23.6	34.3	8.15	83.40	5.82	2.8	2.6	4.3	4.4	4.5	<1	<1.6												
				Bottom	16.4	23.6	34.3	8.17	83.10	5.80	3.7	<1	<1.6															
					23.6	34.3	8.17	83.10	5.79	3.5	3.6	4.0	4.2	4.2	<1	<1.6												
					23.6	34.3	8.17	83.10	5.79	4.7	3.6	4.7	4.2	4.2	<1	<1.6												
24-Nov-18	Fine	Moderate	7:22	Surface	1	23.2	23.2	33.2	33.2	8.12	8.12	81.50	81.63	5.72	5.63	5.73	3.3	3.3	3.3	5.1	4.8	4.8	<1	1.0	1.0	<1.6	1.6	1.6
					23.2	33.2		8.13		80.40		5.63		3.2			<1						<1.6					
					23.2	33.2		8.12		83.00		5.83		3.4			<1						<1.6					
				Middle	8.4	23.1	33.2	8.13	80.10	5.62	3.3	<1	<1.6															
					23.1	33.2	8.12	81.00	5.67	3.4	3.3	5.4	5.8	6.1	<1	<1.6												
					23.1	33.2	8.12	81.60	5.72	3.3	3.3	5.6	5.8	6.1	<1	<1.6												
				Bottom	15.9	23.0	33.3	8.13	79.80	5.59	3.3	<1	<1.6															
					23.0	33.2	8.13	81.10	5.69	3.3	3.3	6.3	7.6	7.6	1.0	<1.6												
					23.1	33.2	8.12	80.70	5.66	3.3	3.3	8.3	7.6	7.6	1.0	<1.6												
27-Nov-18	Fine	Moderate	10:25	Surface	1	22.8	22.8	34.1	34.1	8.18	8.18	85.80	85.40	6.07	6.04	6.04	3.2	3.1	3.1	9.5	10.7	10.4	<1	1.0	1.0	<1.6	1.6	1.6
					22.8	34.1		8.18		84.70		6.00		3.2			<1						<1.6					
					22.8	34.1		8.18		85.70		6.06		3.2			<1						<1.6					
				Middle	9.1	22.7	34.2	8.19	85.70	6.07	3.4	<1	<1.6															
					22.7	34.2	8.19	84.10	5.95	3.3	3.4	9.9	9.6	9.9	<1	<1.6												
					22.7	34.2	8.20	85.50	6.05	3.4	3.4	9.1	9.6	9.9	<1	<1.6												
				Bottom	16.9	22.7	34.2	8.19	85.40	6.04	3.5	<1	<1.6															
					22.7	34.2	8.20	84.50	5.98	3.5	3.4	9.3	9.6	9.6	<1	<1.6												
					22.7	34.2	8.19	85.10	6.02	3.2	3.4	9.8	9.6	9.6	<1	<1.6												
29-Nov-18	Sunny	Moderate	12:16	Surface	1	22.7	22.7	33.9	33.8	8.23	8.22	80.50	80.33	5.71	5.70	5.70	2.5	2.5	2.5	7.9	7.7	7.5	<1	1.0	1.0	<1.6	1.6	1.6
					22.7	33.8		8.22		80.40		5.70		2.4			<1						<1.6					
					22.7	33.8		8.22		80.10		5.69		2.5			<1						<1.6					
				Middle	8.3	22.7	33.8	8.22	79.70	5.66	2.5	<1	<1.6															
					22.7	33.9	8.24	79.50	5.64	2.5	2.5	9.6	9.4	8.9	<1	<1.6												
					22.7	33.9	8.22	78.80	5.59	2.6	2.5	9.3	9.4	8.9	<1	<1.6												
				Bottom	16.6	22.7	33.9	8.25	79.90	5.67	2.6	<1	<1.6															
					22.7	33.9	8.22	78.80	5.59	2.7	2.7	10.2	9.8	9.8	7.0	<1.6												
					22.7	33.8	8.22	80.40	5.70	2.7	2.7	9.9	9.8	9.8	7.0	<1.6												