

**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
2-Jan-19	Cloudy	Moderate	22:07	Surface	1	17.7	17.7	33.7	33.7	8.22	8.23	79.10	79.70	5.70	5.74	5.73	3.5	3.4	3.4	1.8	1.4	1.63	4.0	4.3	4.56	<1.6	1.6	1.60
						17.7		33.7		8.24		78.50		5.65			3.4			1.2			5.0			<1.6		
						17.7		33.7		8.23		81.50		5.87			3.4			1.2			4.0			<1.6		
				Middle	10.5	17.7	17.6	33.7	33.7	8.25	8.24	78.40	79.33	5.65	5.72	5.70	3.5	3.4	3.4	1.6	2.0	1.63	5.0	5.0	4.56	<1.6	1.6	1.60
						17.7		33.8		8.24		80.60		5.81			3.4			2.1			5.0			<1.6		
						17.6		33.8		8.24		79.00		5.69			3.4			2.2			5.0			<1.6		
Bottom	20.0	17.7	17.6	33.8	33.8	8.24	8.24	80.00	79.10	5.76	5.70	5.70	3.5	3.5	3.5	1.8	1.5	1.63	4.0	4.0	4.56	<1.6	1.6	1.60				
		17.7		33.8		8.24		79.00		5.69			3.5			1.4			4.0			<1.6						
		17.6		33.8		8.25		78.30		5.64			3.6			1.4			5.0			<1.6						
4-Jan-19	Sunny	Calm	23:23	Surface	1	18.7	18.7	33.1	33.1	8.04	8.04	94.00	94.03	7.19	7.19	7.18	1.9	1.9	2.03	3.0	3.0	3.11	4.0	4.0	4.00	<1.6	1.6	1.60
						18.7		33.1		8.04		94.10		7.20			1.9			2.7			4.0			<1.6		
						18.7		33.1		8.03		94.00		7.19			3.2			4.0			<1.6					
				Middle	10.6	18.7	18.7	33.1	33.1	8.04	8.04	93.70	93.77	7.16	7.17	7.16	1.9	2.0	2.0	3.0	3.1	3.11	4.0	4.0	4.00	<1.6	1.6	1.60
						18.7		33.1		8.04		93.80		7.17			2.0			4.0			<1.6					
						18.7		33.1		8.03		93.80		7.17			2.0			4.0			<1.6					
Bottom	20.1	18.7	18.7	33.2	33.2	8.02	8.03	93.80	93.73	7.16	7.16	7.16	2.3	2.2	2.2	3.6	3.3	3.11	4.0	4.0	4.00	<1.6	1.6	1.60				
		18.8		33.2		8.04		93.70		7.15			3.3			4.0			<1.6									
		18.7		33.2		8.04		93.70		7.16			2.1			4.0			<1.6									
8-Jan-19	Fine	Moderate	0:56	Surface	1	18.3	18.3	33.7	33.7	8.28	8.28	94.20	94.43	7.22	7.24	7.15	1.8	1.8	2.10	4.2	4.5	4.79	5.0	5.0	5.22	<1.6	1.6	1.60
						18.3		33.7		8.28		95.70		7.33			4.7			5.0			<1.6					
						18.3		33.7		8.28		93.40		7.16			4.6			5.0			<1.6					
				Middle	11.1	18.3	18.3	33.8	33.7	8.29	8.28	92.40	92.10	7.09	7.06	7.06	2.2	2.2	2.10	4.3	4.6	4.79	6.0	5.7	5.22	<1.6	1.6	1.60
						18.3		33.8		8.28		91.90		7.05			4.3			5.0			<1.6					
						18.3		33.7		8.28		92.00		7.05			5.1			6.0			<1.6					
Bottom	20.9	18.3	18.3	33.8	33.8	8.28	8.28	92.40	92.30	7.09	7.08	7.08	2.3	2.4	2.10	5.0	5.3	4.79	5.0	5.0	5.22	<1.6	1.6	1.60				
		18.3		33.8		8.28		91.70		7.03			5.6			5.0			<1.6									
		18.3		33.8		8.29		92.80		7.12			5.3			5.0			<1.6									
10-Jan-19	Fine	Moderate	2:59	Surface	1	18.5	18.5	33.4	33.4	8.33	8.35	90.80	91.57	6.97	7.03	6.93	2.5	2.5	2.91	2.4	2.2	1.64	5.0	5.7	5.89	<1.6	1.6	1.60
						18.5		33.4		8.35		93.20		7.15			2.4			6.0			<1.6					
						18.5		33.4		8.36		90.70		6.97			1.7			6.0			<1.6					
				Middle	11.1	18.5	18.5	33.4	33.4	8.35	8.35	88.80	88.90	6.83	6.84	6.84	3.0	3.1	2.91	1.7	1.4	1.64	6.0	6.0	5.89	<1.6	1.6	1.60
						18.5		33.4		8.37		89.40		6.87			1.2			6.0			<1.6					
						18.5		33.4		8.34		88.50		6.81			1.4			6.0			<1.6					
Bottom	21.1	18.5	18.5	33.4	33.4	8.34	8.35	88.40	88.90	6.80	6.84	6.84	3.2	3.2	2.91	1.3	1.3	1.64	6.0	6.0	5.89	<1.6	1.6	1.60				
		18.5		33.4		8.35		89.10		6.86			1.3			6.0			<1.6									
		18.5		33.4		8.37		89.20		6.86			1.4			6.0			<1.6									
12-Jan-19	Cloudy	Moderate	2:14	Surface	1	18.2	18.2	32.7	32.7	8.18	8.18	98.90	97.57	6.59	6.50	6.46	2.5	2.6	2.63	4.6	5.0	4.83	5.0	5.0	5.00	<1.6	1.6	1.60
						18.2		32.7		8.17		95.80		6.38			5.5			5.0			<1.6					
						18.2		32.7		8.18		98.00		6.53			4.8			5.0			<1.6					
				Middle	10.6	18.2	18.2	32.9	32.9	8.16	8.16	96.20	96.40	6.41	6.42	6.42	2.7	2.7	2.63	5.1	5.3	4.83	5.0	5.0	5.00	<1.6	1.6	1.60
						18.2		32.9		8.15		95.50		6.36			5.3			5.0			<1.6					
						18.2		32.9		8.16		97.50		6.50			5.6			5.0			<1.6					
Bottom	20.1	18.2	18.2	32.9	32.9	8.14	8.15	95.10	95.73	6.34	6.38	6.38	2.5	2.6	2.63	4.1	4.2	4.83	5.0	5.0	5.00	<1.6	1.6	1.60				
		18.2		33.0		8.16		95.50		6.37			4.2			5.0			<1.6									
		18.2		33.0		8.16		96.60		6.44			4.3			5.0			<1.6									
15-Jan-19	Sunny	Calm	4:30	Surface	1	18.8	18.8	32.3	32.3	7.97	7.97	92.90	92.97	7.14	7.14	7.14	2.2	2.2	2.27	0.8	1.1	0.99	6.0	6.0	6.00	<1.6	1.6	1.60
						18.8		32.3		7.97		92.70		7.12			1.4			6.0			<1.6					
						18.8		32.3		7.97		93.30		7.17			1.2			6.0			<1.6					
				Middle	10.5	18.8	18.8	32.3	32.3	7.97	7.97	92.80	92.77	7.13	7.13	7.13	2.3	2.3	2.27	0.9	1.1	0.99	6.0	6.0	6.00	<1.6	1.6	1.60
						18.8		32.3		7.97		92.40		7.10			1.1			6.0			<1.6					
						18.8		32.3		7.97		93.10		7.15			1.4			6.0			<1.6					
Bottom	20.0	18.8	18.8	32.3	32.3	7.97	7.97	93.10	92.80	7.15	7.13	7.13	2.3	2.4	2.27	0.7	0.7	0.99	6.0	6.0	6.00	<1.6	1.6	1.60				
		18.8		32.3		7.97		92.80		7.13			0.6			6.0			<1.6									
		18.8		32.3		7.97		92.50		7.10			0.8			6.0			<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*
3-Jan-19	Cloudy	Moderate	6:01	Surface	1	17.8	17.8	33.7	33.7	8.17	8.17	80.60	80.53	5.81	5.80	3.0	3.0	1.4	1.3	5.0	4.7	4.56	5.0	1.6	1.6	1.6		
						17.8		33.7		8.17		80.50		5.80		2.9		1.4		5.0								
						17.8		33.7		8.17		80.50		5.80		2.9		1.4		5.0								
				Middle	10.9	17.8	17.8	33.7	33.7	8.20	8.18	80.30	80.33	5.78	5.78	2.9	2.9	2.9	2.9	1.6	1.5	5.0	4.3	4.56	5.0	1.6	1.6	1.6
						17.8		33.7		8.18		80.20		5.77		2.9		1.6		5.0								
						17.8		33.7		8.18		80.20		5.77		2.9		1.6		5.0								
Bottom	20.6	17.8	17.8	33.7	33.7	8.20	8.17	79.80	80.07	5.75	5.77	2.9	3.0	2.9	3.0	2.0	2.1	5.0	4.7	4.56	5.0	1.6	1.6	1.6				
		17.8		33.7		8.17		80.40		5.79		2.9		2.0		5.0												
		17.8		33.7		8.17		80.00		5.76		3.1		2.3		5.0												
5-Jan-19	Sunny	Calm	7:29	Surface	1	18.8	18.8	33.1	33.1	8.08	8.08	94.70	94.67	7.43	7.43	2.2	2.1	3.3	3.2	4.0	4.0	4.00	4.0	1.6	1.6	1.6		
						18.8		33.1		8.08		94.60		7.42		2.1		3.1		4.0								
						18.8		33.1		8.08		94.40		7.42		2.3		3.1		4.0								
				Middle	11.0	18.8	18.8	33.1	33.1	8.08	8.08	94.50	94.43	7.41	7.41	2.1	2.2	2.2	2.2	3.2	3.2	4.0	4.0	4.00	4.0	1.6	1.6	1.6
						18.8		33.1		8.08		94.40		7.41		2.2		3.2		4.0								
						18.8		33.1		8.08		94.40		7.41		2.3		3.2		4.0								
Bottom	20.8	18.8	18.8	33.1	33.1	8.08	8.08	94.50	94.40	7.41	7.40	2.3	2.3	2.3	2.3	3.6	3.4	4.0	4.0	4.00	4.0	1.6	1.6	1.6				
		18.8		33.1		8.08		94.30		7.40		2.2		3.6		4.0												
		18.8		33.1		8.08		94.40		7.40		2.3		3.3		4.0												
8-Jan-19	Fine	Moderate	9:21	Surface	1	18.3	18.3	33.7	33.7	8.32	8.32	91.80	91.67	7.04	7.03	1.3	1.4	4.2	4.0	6.0	6.0	6.00	6.0	1.6	1.6	1.6		
						18.3		33.8		8.32		91.60		7.03		1.5		4.3		6.0								
						18.3		33.8		8.31		91.60		7.03		1.4		3.5		6.0								
				Middle	11.1	18.3	18.3	33.8	33.7	8.32	8.32	91.70	91.60	7.03	7.02	1.7	1.7	1.7	1.7	3.2	3.3	6.0	6.0	6.00	6.0	1.6	1.6	1.6
						18.3		33.8		8.32		91.40		7.01		1.8		3.3		6.0								
						18.3		33.8		8.32		91.40		7.01		1.8		3.3		6.0								
Bottom	21.3	18.3	18.3	33.8	33.8	8.35	8.32	91.60	91.63	7.02	7.02	2.1	2.0	2.0	2.0	2.8	2.6	6.0	6.0	6.00	6.0	1.6	1.6	1.6				
		18.3		33.8		8.31		91.60		7.02		2.0		2.7		6.0												
		18.3		33.8		8.31		91.70		7.03		2.0		2.4		6.0												
10-Jan-19	Sunny	Moderate	10:30	Surface	1	18.5	18.5	33.4	33.4	8.37	8.36	87.90	88.47	6.77	6.81	1.7	1.6	1.6	1.6	6.0	6.3	6.22	6.0	1.6	1.6	1.6		
						18.5		33.4		8.36		89.30		6.86		1.3		1.9		6.0								
						18.5		33.4		8.36		88.20		6.79		1.6		1.2		7.0								
				Middle	11.3	18.5	18.5	33.4	33.4	8.36	8.36	88.20	87.87	6.79	6.76	2.1	2.1	2.1	2.1	1.9	1.5	6.0	6.3	6.22	6.0	1.6	1.6	1.6
						18.5		33.4		8.37		87.60		6.74		2.2		1.5		6.0								
						18.5		33.4		8.37		87.60		6.74		2.2		1.5		6.0								
Bottom	21.5	18.5	18.5	33.4	33.4	8.39	8.37	88.30	88.33	6.80	6.80	2.3	2.3	2.3	2.3	1.9	1.6	6.0	6.0	6.22	6.0	1.6	1.6	1.6				
		18.5		33.4		8.35		88.50		6.81		2.3		1.2		6.0												
		18.5		33.4		8.36		88.20		6.79		2.2		1.7		6.0												
12-Jan-19	Sunny	Moderate	12:02	Surface	1	18.5	18.5	33.1	33.1	8.09	8.09	97.00	98.70	6.53	6.65	2.5	2.5	6.5	6.2	5.0	5.0	5.11	5.0	1.6	1.6	1.6		
						18.5		33.1		8.09		97.00		6.60		2.4		5.7		5.0								
						18.5		33.1		8.09		101.20		6.82		2.4		5.7		5.0								
				Middle	10.7	18.5	18.5	33.1	33.1	8.09	8.10	97.00	97.97	6.53	6.60	2.8	2.8	2.8	2.8	5.8	5.5	5.0	5.0	5.11	5.0	1.6	1.6	1.6
						18.5		33.1		8.09		99.60		6.71		2.7		5.8		5.0								
						18.5		33.1		8.09		97.30		6.55		2.9		5.8		5.0								
Bottom	20.4	18.5	18.5	33.1	33.1	8.10	8.09	99.40	97.80	6.68	6.58	2.9	2.9	2.9	2.9	5.2	4.9	5.0	5.3	5.11	5.0	1.6	1.6	1.6				
		18.5		33.1		8.09		97.20		6.55		3.0		4.7		6.0												
		18.5		33.1		8.09		96.80		6.52		2.9		4.9		6.0												
15-Jan-19	Sunny	Calm	14:01	Surface	1	18.9	18.9	32.3	32.3	8.00	8.00	92.10	92.17	7.07	7.08	2.3	2.3	1.2	0.9	6.0	6.0	6.00	6.0	1.6	1.6	1.6		
						18.9		32.3		8.00		92.20		7.08		2.2		0.7		6.0								
						18.9		32.3		8.00		92.20		7.08		2.3		0.8		6.0								
				Middle	10.8	18.9	18.9	32.3	32.3	8.00	8.00	91.90	92.00	7.06	7.07	2.5	2.4	2.4	2.4	1.2	1.3	6.0	6.0	6.00	6.0	1.6	1.6	1.6
						18.9		32.3		8.00		92.00		7.07		2.3		1.7		6.0								
						18.9		32.3		8.00		92.10		7.07		2.4		1.1		6.0								
Bottom	20.6	18.9	18.9	32.3	32.3	8.00	8.00	92.00	91.97	7.07	7.06	2.5	2.6	2.6	2.6	1.9	1.6	6.0	6.0	6.00	6.0	1.6	1.6	1.6				
		18.9		32.3		8.00		91.90		7.06		2.6		1.4		6.0												
		18.9		32.3		8.00		92.00		7.06		2.7		1.4		6.0												



**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*	
2-Jan-19	Cloudy	Moderate	22:50	Surface	1	17.7	17.6	33.8	33.7	8.23	8.21	83.40	80.77	6.02	5.83	5.80	3.1	3.2	3.2	3.21	1.7	1.7	1.61	5.0	5.0	4.78	<1.6	1.6	1.60
						17.6		33.8		8.20		78.90		5.69			3.2				1.8			5.0			<1.6		
						17.6		33.8		8.25		81.60		5.89			3.2				1.6			5.0			<1.6		
				Middle	5.6	17.6	17.6	33.8	33.8	8.23	8.23	79.60	80.00	5.74	5.77	5.75	3.3	3.2	3.2	1.9	1.7	1.61	5.0	5.0	4.78	<1.6	1.6	1.60	
						17.7		33.8		8.21		78.80		5.68			3.2			1.5			5.0			<1.6			
						17.7		33.8		8.27		81.00		5.85			3.2			1.6			5.0			<1.6			
				Bottom	10.2	17.6	17.6	33.8	33.8	8.23	8.24	79.40	79.67	5.73	5.75	5.75	3.2	3.2	3.2	1.2	1.4	1.61	4.0	4.3	4.78	<1.6	1.6	1.60	
						17.7		33.8		8.23		78.60		5.67			3.3			1.5			5.0			<1.6			
						17.7		33.8		8.23		78.60		5.67			3.3			1.5			5.0			<1.6			
5-Jan-19	Sunny	Calm	0:06	Surface	1	18.8	18.8	33.1	33.1	8.05	8.05	93.50	93.57	7.14	7.14	7.13	2.0	1.9	2.0	2.40	4.0	4.1	3.82	4.0	4.0	4.00	<1.6	1.6	1.60
						18.8		33.1		8.05		93.80		7.16			2.1				4.6			4.0			<1.6		
						18.8		33.2		8.05		93.20		7.11			2.0				4.2			4.0			<1.6		
				Middle	6.1	18.8	18.8	33.2	33.2	8.05	8.05	93.30	93.37	7.12	7.12	7.13	2.4	2.3	2.3	2.0	4.0	3.82	4.0	4.0	4.00	<1.6	1.6	1.60	
						18.8		33.2		8.05		93.60		7.14			2.5			3.8			4.0			<1.6			
						18.8		33.2		8.05		93.00		7.15			3.0			3.4			4.0			<1.6			
				Bottom	11.1	18.8	18.8	33.2	33.2	8.05	8.05	93.50	93.53	7.13	7.13	7.13	2.9	2.9	2.9	3.6	3.3	3.82	4.0	4.0	4.00	<1.6	1.6	1.60	
						18.8		33.2		8.05		93.30		7.12			2.2			3.6			4.0			<1.6			
						18.8		33.2		8.05		93.30		7.12			2.8			3.0			4.0			<1.6			
8-Jan-19	Fine	Moderate	1:40	Surface	1	18.3	18.3	33.8	33.8	8.29	8.29	90.70	91.07	6.95	6.98	6.97	1.9	1.9	1.9	2.10	5.1	5.0	5.22	5.0	5.0	5.11	<1.6	1.6	1.60
						18.3		33.8		8.28		91.10		6.98			2.0				4.7			5.0			<1.6		
						18.3		33.8		8.29		91.40		7.00			1.9				5.1			5.0			<1.6		
				Middle	6.3	18.3	18.3	33.8	33.8	8.29	8.29	90.80	90.77	6.96	6.96	6.96	2.1	2.2	2.2	2.3	4.5	5.22	5.0	5.0	5.22	<1.6	1.6	1.60	
						18.3		33.8		8.29		90.70		6.95			2.2			4.5			5.0			<1.6			
						18.3		33.8		8.29		90.70		6.95			2.2			4.5			5.0			<1.6			
				Bottom	11.3	18.3	18.3	33.8	33.8	8.30	8.28	90.70	90.77	6.95	6.96	6.96	2.3	2.2	2.2	6.4	6.2	5.22	6.0	5.3	5.22	<1.6	1.6	1.60	
						18.3		33.8		8.28		90.70		6.95			2.2			6.0			5.0			<1.6			
						18.3		33.8		8.29		90.90		6.97			2.0			6.2			5.0			<1.6			
10-Jan-19	Fine	Moderate	3:39	Surface	1	18.5	18.6	33.3	33.2	8.34	8.33	87.30	87.63	6.72	6.74	6.73	2.1	2.1	2.1	2.14	1.2	1.5	1.72	6.0	6.3	6.11	<1.6	1.6	1.60
						18.6		33.1		8.32		87.40		6.78			1.6				1.7			6.0			<1.6		
						18.5		33.4		8.34		87.10		6.71			2.2				1.9			6.0			<1.6		
				Middle	6.3	18.5	18.5	33.4	33.4	8.34	8.34	87.80	87.33	6.75	6.72	6.70	2.2	2.2	2.2	1.9	1.8	1.72	6.0	6.0	1.72	<1.6	1.6	1.60	
						18.5		33.4		8.35		87.10		6.70			2.1			1.9			6.0			<1.6			
						18.5		33.4		8.35		87.60		6.74			2.3			1.4			6.0			<1.6			
				Bottom	11.4	18.5	18.5	33.4	33.4	8.33	8.34	87.00	87.13	6.69	6.70	6.70	2.2	2.2	2.2	2.1	1.9	1.72	6.0	6.0	1.72	<1.6	1.6	1.60	
						18.5		33.4		8.35		86.80		6.68			2.1			2.1			6.0			<1.6			
						18.5		33.4		8.35		86.80		6.68			2.1			2.1			6.0			<1.6			
12-Jan-19	Cloudy	Moderate	2:52	Surface	1	18.2	18.2	32.8	32.8	8.22	8.22	99.00	98.83	6.64	6.63	6.61	2.2	2.3	2.3	2.34	4.7	4.3	4.36	5.0	5.0	5.11	<1.6	1.6	1.60
						18.2		32.8		8.23		98.60		6.63			2.3				4.3			5.0			<1.6		
						18.2		32.8		8.21		98.60		6.61			2.3				4.3			5.0			<1.6		
				Middle	5.9	18.2	18.2	32.8	32.8	8.21	8.21	98.50	98.23	6.61	6.59	6.55	2.3	2.3	2.3	3.7	3.9	4.36	5.0	5.0	4.36	<1.6	1.6	1.60	
						18.2		32.8		8.21		97.60		6.54			2.4			3.8			5.0			<1.6			
						18.2		32.8		8.21		97.20		6.52			2.4			4.3			6.0			<1.6			
				Bottom	10.6	18.2	18.2	32.8	32.8	8.21	8.21	97.50	97.63	6.54	6.55	6.55	2.4	2.4	2.4	5.1	4.8	4.36	5.0	5.3	4.36	<1.6	1.6	1.60	
						18.2		32.8		8.21		98.20		6.58			2.4			5.0			5.0			<1.6			
						18.2		32.8		8.21		98.20		6.58			2.4			5.0			5.0			<1.6			
15-Jan-19	Sunny	Calm	5:12	Surface	1	18.9	18.8	32.1	32.2	7.98	7.98	92.90	92.90	7.14	7.14	7.13	2.2	2.2	2.2	2.22	1.0	1.4	1.22	6.0	6.0	6.22	<1.6	1.6	1.60
						18.8		32.2		7.98		92.80		7.13			2.2				1.6			6.0			<1.6		
						18.8		32.2		7.98		93.00		7.14			2.2				1.6			6.0			<1.6		
				Middle	6.0	18.8	18.8	32.3	32.3	7.98	7.98	92.70	92.77	7.12	7.12	7.12	2.2	2.2	2.2	0.8	1.0	1.22	6.0	6.0	1.22	<1.6	1.6	1.60	
						18.8		32.3		7.98		92.90		7.13			2.2			1.3			6.0			<1.6			
						18.8		32.3		7.98		92.70		7.13			2.2			1.0			6.0			<1.6			
				Bottom	11.0	18.8	18.8	32.3	32.3	7.98	7.98	92.70	92.77	7.11	7.12	7.12	2.2	2.2	2.2	1.0	1.2	1.22	7.0	6.7	1.22	<1.6	1.6	1.60	
						18.8		32.3		7.98		92.70		7.11			1.3			7.0			6.7			<1.6			
						18.9		32.3		7.98		92.70		7.11			2.2			1.3			7.0			<1.6			



**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	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
3-Jan-19	Cloudy	Moderate	5:21	Surface	1	17.8	17.8	33.7	33.7	8.18	8.17	82.60	80.27	5.95	5.78	2.9	2.9	1.9	1.8	4.0	4.0	4.0	4.0	4.0	4.33	1.60		
						17.8		33.7		8.17		79.40		5.72		2.9		2.0		4.0								
						17.8		33.7		8.17		78.80		5.67		3.0		1.6		4.0								
				Middle	5.7	17.8	17.8	33.7	33.7	8.19	8.18	80.80	79.57	5.82	5.73	2.9	3.0	1.6	1.7	1.64	1.64	4.0	4.0	4.0	4.0	4.7	4.33	1.60
						17.8		33.7		8.18		79.20		5.70		3.0		1.5		5.0								
						17.8		33.7		8.18		78.70		5.67		3.0		1.9		5.0								
Bottom	10.4	17.8	17.8	33.7	33.7	8.18	8.18	79.00	79.27	5.69	5.71	3.0	3.0	1.7	1.4	1.4	1.4	4.0	4.0	4.0	4.0	4.0	4.3	4.33	1.60			
		17.8		33.7		8.20		80.20		5.78		3.0		1.4		4.0												
		17.8		33.7		8.17		78.60		5.66		3.0		1.2		5.0												
5-Jan-19	Sunny	Calm	6:52	Surface	1	18.8	18.8	33.0	33.0	8.08	8.08	93.70	93.57	7.35	7.34	1.9	2.0	2.8	3.1	4.0	4.0	4.0	4.0	4.00	1.60			
						18.9		33.0		8.08		93.50		7.34		2.1		3.2		4.0								
						18.8		33.0		8.08		93.50		7.34		2.0		1.6		4.0								
				Middle	6.4	18.9	18.9	33.1	33.1	8.07	8.07	93.30	93.33	7.31	7.31	2.2	2.1	2.14	2.14	2.42	2.42	4.0	4.0	4.0	4.0	4.0	4.00	1.60
						18.9		33.1		8.07		93.40		7.31		2.1		1.7		4.0								
						18.9		33.1		8.07		93.30		7.31		2.1		1.9		4.0								
Bottom	11.6	19.0	18.9	33.1	33.1	8.07	8.07	93.40	93.37	7.30	7.30	2.1	2.3	2.3	2.3	2.5	2.4	4.0	4.0	4.0	4.0	4.0	4.0	4.00	1.60			
		18.9		33.1		8.07		93.40		7.31		2.3		2.3		4.0												
		18.9		33.1		8.07		93.30		7.30		2.5		2.4		4.0												
8-Jan-19	Fine	Moderate	8:45	Surface	1	18.3	18.3	33.7	33.7	8.31	8.31	91.90	91.80	7.05	7.04	1.9	1.9	2.8	3.1	6.0	6.0	6.0	6.0	5.67	1.60			
						18.3		33.7		8.31		91.90		7.05		1.9		3.1		6.0								
						18.3		33.7		8.31		91.60		7.03		1.9		2.7		6.0								
				Middle	6.0	18.3	18.3	33.7	33.7	8.31	8.31	91.70	91.73	7.03	7.03	1.9	1.9	1.87	1.87	2.83	2.83	6.0	6.0	6.0	6.0	5.67	1.60	
						18.3		33.8		8.32		91.60		7.02		1.9		2.2		5.0								
						18.3		33.7		8.31		91.90		7.05		2.0		2.6		6.0								
Bottom	11.1	18.3	18.3	33.8	33.7	8.31	8.32	92.00	91.97	7.05	7.05	1.8	1.8	1.87	1.87	2.83	2.83	5.0	5.0	5.0	5.0	5.3	5.67	1.60				
		18.3		33.8		8.33		91.70		7.03		1.8		3.0		6.0												
		18.3		33.7		8.31		92.20		7.07		1.7		2.6		5.0												
10-Jan-19	Sunny	Moderate	9:55	Surface	1	18.5	18.5	33.4	33.4	8.36	8.36	89.90	89.80	6.91	6.90	2.0	2.0	2.0	1.6	6.0	6.0	6.0	6.0	6.33	1.60			
						18.5		33.4		8.36		89.10		6.92		2.0		1.3		6.0								
						18.5		33.4		8.36		89.40		6.87		1.9		1.4		6.0								
				Middle	6.1	18.5	18.4	33.4	33.4	8.36	8.36	89.50	89.43	6.88	6.87	2.2	2.1	2.07	2.07	1.49	1.49	6.0	6.0	6.0	6.0	6.33	1.60	
						18.5		33.4		8.37		89.00		6.84		2.0		1.1		7.0								
						18.4		33.4		8.36		89.80		6.90		2.1		1.3		7.0								
Bottom	11.2	18.5	18.5	33.4	33.4	8.36	8.37	89.40	89.60	6.87	6.88	2.3	2.1	2.07	2.07	1.5	1.6	6.0	6.0	6.0	6.0	6.3	6.33	1.60				
		18.5		33.4		8.36		90.00		6.91		2.0		2.2		6.0												
		18.5		33.4		8.38		89.40		6.87		2.1		1.2		7.0												
12-Jan-19	Sunny	Moderate	11:18	Surface	1	18.5	18.5	33.1	33.1	8.09	8.09	101.20	98.67	6.82	6.65	2.7	2.7	6.1	5.8	5.0	5.0	5.0	5.0	5.11	1.60			
						18.5		33.1		8.09		97.90		6.60		2.7		5.8										
						18.5		33.1		8.09		96.90		6.53		2.6		5.6										
				Middle	6.1	18.5	18.5	33.1	33.1	8.09	8.09	99.00	97.63	6.67	6.58	2.8	2.7	2.70	2.70	4.5	5.73	5.0	5.0	5.0	5.0	5.11	1.60	
						18.5		33.1		8.09		97.20		6.55		2.7		4.7										
						18.5		33.1		8.09		96.70		6.51		2.7		4.3										
Bottom	11.3	18.5	18.5	33.1	33.1	8.09	8.09	98.50	97.37	6.64	6.56	2.8	2.7	2.70	2.70	6.8	6.8	5.0	5.0	5.0	5.0	5.3	5.11	1.60				
		18.5		33.1		8.09		96.50		6.50		2.7		6.8														
		18.5		33.1		8.09		97.10		6.54		2.6		6.5														
15-Jan-19	Sunny	Calm	13:15	Surface	1	18.9	18.9	32.3	32.3	8.00	8.00	92.20	92.13	7.08	7.07	2.3	2.4	1.0	1.1	6.0	6.0	6.0	6.0	6.00	1.60			
						18.9		32.3		8.00		92.10		7.07		2.4		1.4		6.0								
						18.9		32.3		8.00		92.10		7.07		2.4		0.8		6.0								
				Middle	6.2	18.9	18.9	32.3	32.3	7.99	7.99	92.00	91.97	7.06	7.06	2.5	2.4	2.44	2.44	1.07	1.07	6.0	6.0	6.0	6.0	6.00	1.60	
						18.9		32.3		7.99		91.90		7.06		2.4		0.8		6.0								
						18.9		32.3		7.99		92.00		7.06		2.4		1.0		6.0								
Bottom	11.4	18.9	18.9	32.3	32.3	7.99	7.99	91.90	91.90	7.05	7.05	2.5	2.5	2.44	2.44	1.5	1.4	6.0	6.0	6.0	6.0	6.0	6.00	1.60				
		18.9		32.3		7.99		91.90		7.05		2.5		1.0		6.0												
		18.9		32.3		7.99		91.90		7.05		2.6		1.6		6.0												

**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	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
17-Jan-19	Sunny	Moderate	14:24	Surface	1	18.3	18.3	33.4	33.4	8.24	8.24	94.20	94.23	7.27	7.27	7.20	1.3	1.3	1.40	1.5	1.4	1.4	<1	1.0	1.00	<1.6	1.6	1.60
						18.3		33.4		8.25		94.80		7.31			1.4			1.3			<1			<1.6		
						18.2		33.5		8.25		91.90		7.09			1.4			1.5			<1			<1.6		
19-Jan-19	Fine	Moderate	15:49	Surface	1	17.9	17.9	33.5	33.5	8.28	8.28	90.10	90.10	6.74	6.75	6.69	1.3	1.3	1.47	2.0	2.0	2.3	7.0	6.7	6.11	<1.6	1.6	1.60
						17.9		33.5		8.28		90.70		6.80			1.3			2.3			7.0			<1.6		
						17.9		33.6		8.28		88.60		6.59			1.5			2.5			6.0			<1.6		
22-Jan-19	Fine	Moderate	7:48	Surface	1	17.9	17.9	32.6	32.6	8.20	8.20	93.50	93.43	6.78	6.78	6.77	1.8	1.9	2.06	2.7	3.1	3.87	5.0	4.7	4.56	<1.6	1.6	1.60
						17.9		32.6		8.20		93.60		6.79			1.9			3.1			4.0			<1.6		
						17.9		32.6		8.20		93.30		6.76			2.0			4.5			5.0			<1.6		
24-Jan-19	Sunny	Moderate	9:31	Surface	1	18.4	18.4	31.9	31.9	8.01	8.01	92.00	91.97	7.14	7.14	7.13	2.0	2.0	2.07	4.8	4.7	4.56	9.0	8.7	9.00	<1.6	1.6	1.60
						18.4		31.9		8.01		92.00		7.15			1.8			9.0			<1.6					
						18.4		31.9		8.01		91.90		7.13			2.1			8.0			<1.6					
26-Jan-19	Fine	Moderate	10:26	Surface	1	18.5	18.5	32.0	31.9	8.04	8.04	89.10	89.33	6.96	6.97	6.98	1.7	1.8	2.77	3.7	4.1	4.14	8.0	7.7	7.33	<1.6	1.6	1.60
						18.5		32.0		8.04		89.60		6.99			1.8			7.0			<1.6					
						18.5		32.0		8.07		89.30		6.97			1.9			8.0			<1.6					
29-Jan-19	Sunny	Moderate	12:59	Surface	1	18.4	18.4	32.3	32.3	8.13	8.13	98.00	98.23	6.56	6.58	6.56	2.4	2.4	2.44	1.7	1.9	2.30	4.0	4.7	4.22	<1.6	1.6	1.60
						18.4		32.3		8.14		98.30		6.58			2.4			5.0			<1.6					
						18.4		32.4		8.12		97.00		6.49			2.5			4.0			<1.6					
31-Jan-19	Sunny	Moderate	14:35	Surface	1	18.6	18.6	31.9	31.9	8.04	8.04	90.40	90.27	6.85	6.84	6.83	1.9	1.9	2.03	2.0	2.3	2.26	5.0	5.0	5.00	<1.6	1.6	1.60
						18.6		31.9		8.04		90.20		6.84			1.9			5.0			<1.6					
						18.6		31.9		8.04		90.00		6.83			2.0			5.0			<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	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
2-Jan-19	Cloudy	Moderate	23:15	Surface	1	17.6	17.6	33.7	33.7	8.22	8.22	78.30	78.30	5.63	5.63	2.5	2.4	2.46	0.9	1.3	1.52	4.0	4.3	4.11	<1.6	1.6	1.60			
						17.6		33.8		8.23		78.40		5.63					1.3			5.0			<1.6					
						17.6		33.8		8.22		78.20		5.63					4.0			<1.6								
				Middle	3.7	17.6	17.6	33.8	33.8	8.22	8.24	78.20	78.20	5.62	5.62	2.5	2.4	2.46	1.7	1.7	1.52	4.0	4.0	4.11	<1.6	1.6	1.60			
						17.6		33.8		8.22		78.20		5.62					4.0			<1.6								
						17.6		33.8		8.22		78.20		5.62					4.0			<1.6								
				Bottom	6.2	17.6	17.6	33.8	33.8	8.23	8.25	78.10	77.80	5.61	5.60	2.5	2.5	2.46	1.7	1.5	1.52	4.0	4.0	4.11	<1.6	1.6	1.60			
						17.6		33.8		8.25		77.80		5.59					4.0			<1.6								
						17.6		33.8		8.22		77.90		5.61					4.0			<1.6								
5-Jan-19	Sunny	Calm	0:29	Surface	1	18.8	18.8	33.2	33.2	8.05	8.05	92.80	92.70	7.08	7.07	2.2	2.2	2.30	2.9	3.0	2.90	4.0	4.0	4.00	<1.6	1.6	1.60			
						18.8		33.2		8.05		92.80		7.06					3.3			4.0			<1.6					
						18.8		33.2		8.05		92.60		7.06					4.0			<1.6								
				Middle	3.7	18.9	18.8	33.2	33.2	8.05	8.05	92.30	92.43	7.03	7.05	2.2	2.2	2.30	2.2	2.2	2.90	4.0	4.0	4.00	<1.6	1.6	1.60			
						18.8		33.2		8.05		92.40		7.05					2.0			4.0			<1.6					
						18.9		33.2		8.05		92.30		7.04					3.6			4.0			<1.6					
				Bottom	6.3	18.9	18.9	33.2	33.2	8.05	8.05	92.30	92.30	7.04	7.04	2.6	2.5	2.30	3.7	3.5	2.90	4.0	4.0	4.00	<1.6	1.6	1.60			
						18.9		33.2		8.05		92.10		7.02					3.7			4.0			<1.6					
						18.9		33.2		8.05		92.50		7.05					3.2			4.0			<1.6					
8-Jan-19	Fine	Moderate	2:03	Surface	1	18.3	18.3	33.8	33.8	8.30	8.29	90.70	90.93	6.95	6.97	1.8	1.7	1.92	5.1	4.5	4.04	5.0	5.0	5.11	<1.6	1.6	1.60			
						18.3		33.8		8.29		91.00		6.97					4.0			5.0			<1.6					
						18.3		33.8		8.29		91.10		6.98					5.0			5.0			<1.6					
				Middle	3.8	18.3	18.3	33.8	33.8	8.30	8.30	91.00	90.80	6.97	6.95	2.0	1.9	1.92	1.8	1.9	4.04	5.0	5.0	5.11	<1.6	1.6	1.60			
						18.3		33.8		8.31		90.70		6.95					3.3			5.0			<1.6					
						18.4		33.8		8.31		90.70		6.95					3.5			5.0			<1.6					
				Bottom	6.5	18.3	18.3	33.8	33.8	8.31	8.31	90.80	90.73	6.96	6.95	2.1	2.1	1.92	3.7	4.1	4.04	5.0	5.0	5.11	<1.6	1.6	1.60			
						18.4		33.8		8.32		90.60		6.94					4.4			5.0			<1.6					
						18.3		33.8		8.29		90.80		6.96					4.2			6.0			<1.6					
10-Jan-19	Fine	Moderate	4:02	Surface	1	18.5	18.5	33.4	33.3	8.35	8.34	87.70	87.87	6.74	6.76	1.9	2.0	2.19	1.4	1.5	1.56	6.0	6.3	6.33	<1.6	1.6	1.60			
						18.5		33.3		8.34		87.70		6.75					1.2			6.0			<1.6					
						18.5		33.3		8.34		88.20		6.78					1.9			7.0			<1.6					
				Middle	3.9	18.5	18.5	33.4	33.4	8.35	8.36	87.70	87.80	6.75	6.78	2.2	2.2	2.19	1.9	1.9	1.56	7.0	6.0	6.33	<1.6	1.6	1.60			
						18.5		33.4		8.36		88.20		6.78					1.9			6.0			<1.6					
						18.5		33.4		8.36		87.50		6.73					1.8			6.0			<1.6					
				Bottom	6.7	18.5	18.5	33.4	33.4	8.37	8.34	87.10	87.17	6.71	6.71	2.4	2.4	2.19	2.4	1.3	1.56	6.0	6.0	6.33	<1.6	1.6	1.60			
						18.5		33.4		8.34		87.10		6.71					1.5			6.0			<1.6					
						18.5		33.4		8.37		87.30		6.72					1.3			7.0			<1.6					
12-Jan-19	Cloudy	Moderate	3:21	Surface	1	18.3	18.3	32.8	32.8	8.21	8.21	99.20	99.57	6.64	6.66	2.3	2.2	2.28	5.6	5.4	4.80	5.0	5.7	5.67	<1.6	1.6	1.60			
						18.3		32.8		8.21		99.60		6.67					5.5			6.0			<1.6					
						18.4		32.8		8.21		99.90		6.68					5.1			6.0			<1.6					
				Middle	3.9	18.3	18.3	32.8	32.8	8.21	8.20	98.60	99.07	6.59	6.63	2.3	2.3	2.28	2.3	2.3	4.80	6.0	5.0	5.67	<1.6	1.6	1.60			
						18.3		32.8		8.20		99.10		6.63					5.6			5.0			<1.6					
						18.3		32.8		8.20		99.50		6.66					5.5			5.0			<1.6					
				Bottom	6.5	18.3	18.3	32.8	32.8	8.20	8.20	98.40	98.50	6.58	6.59	2.3	2.3	2.28	2.3	3.8	4.80	6.0	6.0	5.67	<1.6	1.6	1.60			
						18.3		32.8		8.20		98.50		6.59					3.5			6.0			<1.6					
						18.3		32.8		8.20		98.60		6.59					4.2			6.0			<1.6					
15-Jan-19	Sunny	Calm	5:32	Surface	1	18.9	18.9	32.2	32.2	7.98	7.98	92.70	92.60	7.12	7.11	2.2	2.2	2.30	1.6	1.8	1.37	6.0	6.3	7.11	<1.6	1.6	1.60			
						18.9		32.1		7.98		92.70		7.12					1.8			7.0			<1.6					
						18.9		32.2		7.98		92.40		7.10					1.9			6.0			<1.6					
				Middle	3.6	18.9	18.9	32.2	32.2	7.98	7.98	92.50	92.40	7.10	7.10	2.3	2.3	2.30	2.3	2.3	1.37	9.0	8.0	1.37	6.0	8.7	7.11	<1.6	1.6	1.60
						18.9		32.3		7.98		92.30		7.09					1.3			9.0			<1.6					
						18.9		32.2		7.98		92.40		7.10					1.3			9.0			<1.6					
				Bottom	6.2	18.9	18.9	32.3	32.3	7.98	7.98	92.10	92.27	7.07	7.08	2.5	2.4	2.30	2.4	1.0	1.37	6.0	6.0	1.37	6.0	6.3	7.11	<1.6	1.6	1.60
						18.9		32.3		7.98		92.20		7.08					0.9			6.0			<1.6					
						18.9		32.3		7.98		92.50		7.09					1.0			7.0			<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*		
17-Jan-19	Fine	Moderate	20:56	Surface	1	18.5	18.5	33.6	33.6	8.25	8.25	89.00	89.00	6.83	6.83	6.82	2.1	2.1	6.82	1.4	1.5	1.40	8.0	8.0	8.0	<1.6	1.6	1.60		
						18.5		33.5		8.26		88.90		6.82			2.2			1.2			8.0			<1.6				
						18.5		33.6		8.25		89.10		6.83			2.0			1.9			8.0			<1.6				
				Middle	4.1	18.4	18.4	33.6	33.6	8.25	8.26	88.70	88.67	6.82	6.82	2.3	2.3	6.82	2.0	2.3	1.40	2.0	1.6	1.40	8.0	8.0	8.0	<1.6	1.6	1.60
						18.4		33.6		8.26		88.80		6.83		2.3			1.3			8.0			<1.6					
						18.4		33.6		8.26		88.50		6.80		2.4			1.5			8.0			<1.6					
				Bottom	7.2	18.3	18.3	33.5	33.6	8.26	8.26	88.40	88.30	6.80	6.80	2.7	2.7	6.80	2.7	2.9	6.80	0.9	1.1	6.80	8.0	8.0	8.0	<1.6	1.6	1.60
						18.3		33.6		8.26		88.40		6.81		2.9			0.9			8.0			<1.6					
						18.3		33.6		8.25		88.10		6.79		2.6			1.5			8.0			<1.6					
19-Jan-19	Fine	Moderate	23:06	Surface	1	18.1	18.1	33.6	33.6	8.26	8.26	91.40	91.73	6.79	6.81	6.81	3.0	3.0	6.81	1.5	1.6	1.61	5.0	5.3	5.78	<1.6	1.6	1.60		
						18.1		33.6		8.27		91.80		6.81			3.0			2.0			6.0			<1.6				
						18.2		33.6		8.26		92.00		6.83			3.0			1.4			6.0			<1.6				
				Middle	3.9	18.1	18.1	33.6	33.6	8.26	8.26	91.10	91.63	6.77	6.81	3.6	3.5	6.81	3.6	3.5	1.61	1.8	1.7	1.61	6.0	6.0	6.0	<1.6	1.6	1.60
						18.1		33.6		8.27		91.50		6.80		3.4			2.0			6.0			<1.6					
						18.1		33.7		8.25		92.30		6.85		3.6			1.3			6.0			<1.6					
				Bottom	7.0	18.1	18.1	33.6	33.6	8.27	8.26	91.30	92.10	6.78	6.84	3.7	3.6	6.84	3.7	3.8	6.84	1.2	1.5	6.84	6.0	6.0	6.0	<1.6	1.6	1.60
						18.0		33.6		8.26		93.50		6.94		3.8			1.3			6.0			<1.6					
						18.0		33.6		8.25		91.50		6.80		3.4			2.0			6.0			<1.6					
22-Jan-19	Fine	Moderate	2:32	Surface	1	17.9	17.8	32.6	32.6	8.19	8.19	91.60	91.83	6.64	6.66	6.66	2.3	2.2	6.67	4.1	4.0	3.96	4.0	4.3	4.33	<1.6	1.6	1.60		
						17.8		32.6		8.18		91.90		6.66			2.2			3.4			4.0			<1.6				
						17.8		32.6		8.19		92.00		6.67			2.1			4.6			5.0			<1.6				
				Middle	3.8	17.8	17.8	32.7	32.7	8.19	8.19	92.30	92.13	6.69	6.68	2.6	2.7	6.68	2.6	2.7	3.96	4.2	4.3	3.96	5.0	4.7	4.33	<1.6	1.6	1.60
						17.8		32.7		8.20		92.20		6.68		2.7			4.2			5.0			<1.6					
						17.8		32.7		8.19		91.90		6.66		2.8			4.6			4.0			<1.6					
				Bottom	6.6	17.8	17.8	32.7	32.7	8.20	8.20	92.00	91.97	6.67	6.67	2.8	2.9	6.67	2.8	3.0	6.67	3.4	3.5	6.67	4.0	4.0	4.0	<1.6	1.6	1.60
						17.8		32.7		8.21		92.00		6.67		3.0			3.4			4.0			<1.6					
						17.8		32.7		8.19		91.90		6.66		2.8			3.7			4.0			<1.6					
24-Jan-19	Fine	Moderate	2:36	Surface	1	18.4	18.4	31.9	31.9	8.01	8.01	92.10	91.93	7.15	7.14	7.13	2.3	2.2	7.13	6.0	5.6	5.52	8.0	8.0	8.00	<1.6	1.6	1.60		
						18.4		31.9		8.01		91.80		7.13			2.2			4.3			8.0			<1.6				
						18.4		31.9		8.01		91.90		7.13			2.2			6.5			8.0			<1.6				
				Middle	4.0	18.4	18.3	31.9	31.9	8.02	8.02	91.70	91.67	7.13	7.13	2.5	2.5	7.13	2.5	2.5	5.52	6.4	6.1	5.52	8.0	8.0	8.00	<1.6	1.6	1.60
						18.3		31.9		8.02		91.70		7.13		2.6			5.2			8.0			<1.6					
						18.3		31.9		8.02		91.60		7.12		2.3			6.6			8.0			<1.6					
				Bottom	7.1	18.3	18.3	31.8	31.8	8.02	8.02	91.40	91.50	7.11	7.12	3.4	3.2	7.12	3.4	3.1	7.12	5.7	4.9	7.12	8.0	8.0	8.0	<1.6	1.6	1.60
						18.3		31.9		8.02		91.50		7.12		3.1			5.1			8.0			<1.6					
						18.4		31.8		8.01		91.60		7.12		3.2			3.9			8.0			<1.6					
26-Jan-19	Fine	Moderate	4:32	Surface	1	18.5	18.5	32.0	32.0	8.05	8.04	90.50	90.50	7.05	7.05	7.06	2.3	2.2	7.06	6.2	6.1	5.47	6.0	6.3	6.78	<1.6	1.6	1.60		
						18.5		32.0		8.04		90.30		7.03			2.1			5.3			6.0			<1.6				
						18.5		32.0		8.04		90.70		7.06			2.3			7.0			6.0			<1.6				
				Middle	3.7	18.5	18.4	32.0	32.0	8.07	8.07	91.00	90.73	7.09	7.07	2.7	2.5	7.07	2.7	2.5	5.47	3.9	4.4	5.47	7.0	7.0	7.0	<1.6	1.6	1.60
						18.4		32.1		8.07		90.70		7.06		2.4			4.7			7.0			<1.6					
						18.5		32.0		8.06		90.50		7.05		2.5			4.7			7.0			<1.6					
				Bottom	6.4	18.4	18.4	32.1	32.1	8.08	8.07	90.50	90.40	7.06	7.05	2.6	2.5	7.05	2.6	2.5	5.47	5.8	5.9	5.47	7.0	7.0	7.0	<1.6	1.6	1.60
						18.4		32.1		8.07		90.30		7.04		2.5			6.1			7.0			<1.6					
						18.4		32.1		8.07		90.40		7.05		2.5			5.8			7.0			<1.6					
29-Jan-19	Cloudy	Moderate	20:47	Surface	1	18.4	18.4	32.6	32.6	8.15	8.15	96.60	96.67	6.44	6.44	6.44	2.3	2.3	6.44	3.2	2.9	3.33	4.0	4.3	4.67	<1.6	1.6	1.60		
						18.4		32.6		8.15		96.80		6.45			2.3			2.6			5.0			<1.6				
						18.4		32.6		8.15		96.60		6.44			2.2			3.0			4.0			<1.6				
				Middle	3.8	18.4	18.4	32.7	32.7	8.16	8.15	96.80	96.60	6.44	6.43	2.3	2.3	6.43	2.3	2.3	3.33	2.7	2.7	3.33	4.0	4.7	4.67	<1.6	1.6	1.60
						18.4		32.7		8.15		96.50		6.43		2.3			3.1			5.0			<1.6					
						18.4		32.7		8.15		96.50		6.43		2.2			2.4			5.0			<1.6					
				Bottom	6.5	18.4	18.4	32.7	32.7	8.15	8.15	96.40	96.53	6.42	6.43	2.3	2.3	6.43	2.3	2.3	3.33	4.7	4.3	3.33	5.0	5.0	5.0	<1.6	1.6	1.60
						18.4		32.7		8.16		96.70		6.44		2.3			4.1			5.0			<1.6					
						18.4		32.7		8.15		96.50		6.43		2.3			4.2			5.0			<1.6					
31-Jan-19	Fine	Moderate	22:05	Surface	1	18.7	18.6	31.9	31.9	8.03	8.03	90.70	90.80	6.87	6.88	6.88	2.6	2.6	6.88	2.1	2.4	2.26	5.0	5.0	5.00	<1.6	1.6	1.60		
						18.6		31.9		8.03		90.90		6.89			2.5			2.4			5.0			<1.6				
						18.6		31.9		8.04		90.80		6.88			2.7			2.6			5.0			<1.6				
				Middle	3.9	18.6	18.6	31.9	31.9	8.04	8.04	90.70	90.70	6.88	6.88	2.6	2.6	6.88	2.6	2.6	2.26	2.3	2.1	2.26	5.0	5.0	5.00	<1.6	1.6	1.60
						18.6		31.9		8.04		90.60		6.87		2.6			2.2			5.0			<1.6					
						18.6		31.9		8.04		90.80		6.89		2.6			1.8			5.0			<1.6					
				Bottom	6.7	18.6	18.6	31.9	31.9	8.04	8.04	90.50	90.43	6.86	6.86	2.7	2.8	6.86	2.7	2.9	6.86	2.1	2.3	6.86	5.0	5.0	5.0	<1.6	1.6	1.60
						18.6		31.9		8.04		90.40		6.85		2.9			2.5			5.0			<1.6					
						18.6		31.9		8.04		90.40		6.86		2.7			2.3			5.0			<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*
3-Jan-19	Cloudy	Moderate	4:53	Surface	1	17.8	17.8	33.7	33.7	8.18	8.19	77.70	77.90	5.56	5.57	2.7	2.8	2.87	1.6	1.6	1.64	5.0	4.7	4.56	<1.6	1.6	1.60	
						17.8		33.7		8.18		77.80		5.59		2.8			1.4			5.0			<1.6			
						17.8		33.7		8.19		77.60		5.55		2.9			1.8			5.0			<1.6			
				Middle	3.8	17.8	17.8	33.7	33.7	8.21	8.19	77.40	77.50	5.54	5.54	2.9	2.9	2.87	1.4	1.6	1.64	5.0	4.7	4.56	<1.6	1.6	1.60	
						17.8		33.7		8.18		77.50		5.54		2.8			1.7			5.0			<1.6			
						17.8		33.7		8.22		77.10		5.51		3.0			1.9			5.0			<1.6			
				Bottom	6.5	17.8	17.8	33.7	33.7	8.22	8.20	77.10	77.37	5.51	5.53	3.0	2.9	2.87	1.8	1.7	1.64	4.0	4.3	4.56	<1.6	1.6	1.60	
						17.8		33.7		8.18		77.50		5.54		2.8			1.4			4.0			<1.6			
						17.8		33.7		8.18		77.50		5.54		2.8			1.4			4.0			<1.6			
5-Jan-19	Sunny	Calm	6:32	Surface	1	18.9	18.9	33.0	33.0	8.08	8.08	93.50	93.50	7.33	7.33	2.2	2.1	2.27	3.2	3.2	3.00	4.0	4.0	4.11	<1.6	1.6	1.60	
						18.9		33.1		8.07		93.50		7.34		2.0			3.1			4.0			<1.6			
						18.9		33.1		8.07		93.20		7.30		2.1			3.1			4.0			<1.6			
				Middle	4.0	18.9	18.9	33.1	33.1	8.07	8.07	93.30	93.27	7.30	7.30	2.3	2.3	2.27	2.7	2.8	3.00	4.0	4.0	4.11	<1.6	1.6	1.60	
						18.9		33.1		8.07		93.30		7.30		2.2			3.1			4.0			<1.6			
						18.9		33.2		8.07		93.10		7.29		2.4			2.9			5.0			<1.6			
				Bottom	6.8	19.0	18.9	33.2	33.2	8.07	8.07	93.20	93.17	7.29	7.29	2.4	2.4	2.27	3.3	3.0	3.00	4.0	4.3	4.11	<1.6	1.6	1.60	
						19.0		33.2		8.07		93.20		7.29		2.5			2.8			4.0			<1.6			
						19.0		33.2		8.07		93.20		7.29		2.5			2.8			4.0			<1.6			
8-Jan-19	Fine	Moderate	8:18	Surface	1	18.3	18.3	33.7	33.7	8.31	8.31	92.20	92.13	7.07	7.07	1.9	2.0	1.98	3.2	3.6	3.21	6.0	5.7	5.67	<1.6	1.6	1.60	
						18.3		33.7		8.32		92.10		7.07		2.0			3.6			6.0			<1.6			
						18.3		33.7		8.31		92.10		7.06		2.0			3.9			6.0			<1.6			
				Middle	3.9	18.3	18.3	33.7	33.7	8.32	8.32	92.10	92.07	7.06	7.06	2.0	2.0	1.98	2.0	2.0	3.21	5.0	5.3	5.67	<1.6	1.6	1.60	
						18.3		33.7		8.31		92.00		7.06		1.9			2.9			6.0			<1.6			
						18.3		33.7		8.33		91.90		7.05		1.9			2.8			6.0			<1.6			
				Bottom	6.6	18.3	18.3	33.7	33.7	8.33	8.32	91.90	91.87	7.05	7.05	2.0	2.0	1.98	2.9	2.9	3.21	6.0	6.0	5.67	<1.6	1.6	1.60	
						18.3		33.7		8.31		91.80		7.05		2.1			3.0			6.0			<1.6			
						18.3		33.7		8.31		91.80		7.05		2.1			3.0			6.0			<1.6			
10-Jan-19	Sunny	Moderate	9:30	Surface	1	18.5	18.5	33.4	33.4	8.36	8.36	90.10	89.97	6.92	6.91	1.8	1.9	2.12	1.3	1.4	1.41	6.0	6.3	6.11	<1.6	1.6	1.60	
						18.5		33.4		8.37		89.90		6.91		1.4			7.0			6.0			<1.6			
						18.5		33.4		8.36		89.90		6.90		1.4			6.0			6.0			<1.6			
				Middle	3.8	18.5	18.5	33.4	33.4	8.37	8.37	89.70	89.67	6.90	6.89	2.4	2.3	2.12	1.6	1.5	1.41	6.0	6.0	6.11	<1.6	1.6	1.60	
						18.5		33.4		8.38		89.70		6.89		1.8			7.0			6.0			<1.6			
						18.5		33.4		8.37		89.70		6.90		2.2			1.8			6.0			<1.6			
				Bottom	6.5	18.5	18.5	33.4	33.4	8.37	8.37	89.70	89.67	6.90	6.90	2.3	2.2	2.12	1.2	1.4	1.41	6.0	5.7	6.11	<1.6	1.6	1.60	
						18.5		33.4		8.36		89.70		6.90		1.3			6.0			6.0			<1.6			
						18.5		33.4		8.39		89.60		6.89		1.6			5.0			6.0			<1.6			
12-Jan-19	Sunny	Moderate	10:51	Surface	1	18.5	18.6	33.1	33.1	8.08	8.08	98.20	98.97	6.58	6.63	2.3	2.3	2.47	6.8	6.7	7.82	5.0	5.0	5.11	<1.6	1.6	1.60	
						18.6		33.1		8.08		97.20		6.51		2.2			6.9			5.0			<1.6			
						18.6		33.1		8.08		101.50		6.81		2.3			6.9			5.0			<1.6			
				Middle	3.7	18.5	18.5	33.1	33.1	8.09	8.08	99.90	98.27	6.70	6.59	2.6	2.6	2.47	8.1	8.2	7.82	5.0	5.0	5.11	<1.6	1.6	1.60	
						18.5		33.1		8.08		97.80		6.55		2.6			8.3			5.0			<1.6			
						18.5		33.1		8.08		97.10		6.51		2.6			8.2			6.0			<1.6			
				Bottom	6.4	18.5	18.5	33.1	33.1	8.08	8.08	96.90	97.87	6.50	6.56	2.5	2.5	2.47	8.1	8.6	7.82	5.0	5.0	5.11	<1.6	1.6	1.60	
						18.5		33.1		8.09		99.10		6.64		2.6			8.8			5.0			<1.6			
						18.5		33.1		8.08		97.60		6.54		2.5			8.9			5.0			<1.6			
15-Jan-19	Sunny	Calm	12:56	Surface	1	18.9	18.9	32.3	32.3	8.00	8.00	92.30	92.50	7.08	7.10	2.3	2.3	2.32	1.5	1.7	1.28	6.0	6.0	6.00	<1.6	1.6	1.60	
						18.9		32.3		8.00		92.50		7.10		1.9			6.0			6.0			<1.6			
						18.9		32.3		8.00		92.70		7.12		2.2			1.9			6.0			<1.6			
				Middle	3.9	18.9	18.9	32.3	32.3	8.00	8.00	92.60	92.33	7.11	7.09	2.2	2.3	2.32	1.3	1.1	1.28	6.0	6.0	6.00	<1.6	1.6	1.60	
						18.9		32.3		8.00		92.10		7.07		2.3			6.0			6.0			<1.6			
						18.9		32.3		8.00		92.30		7.09		2.4			1.1			6.0			<1.6			
				Bottom	6.6	18.9	18.9	32.3	32.3	8.00	8.00	92.90	92.50	7.13	7.10	2.4	2.4	2.32	1.3	1.0	1.28	6.0	6.0	6.00	<1.6	1.6	1.60	
						18.9		32.3		8.00		92.50		7.10		2.4			6.0			6.0			<1.6			
						18.9		32.3		8.00		92.10		7.07		2.5			0.8			6.0			<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*
17-Jan-19	Sunny	Moderate	14:08	Surface	1	18.2	18.2	33.4	33.4	8.24	8.24	93.70	95.23	7.25	7.36	1.4	1.5	1.6	1.3	<1	1.0	<1.6	1.6	1.60				
					18.1	18.2	33.5	33.5	8.24	8.24	97.20	7.52	1.4	1.5	1.3	<1	1.0	<1.6	1.6									
					18.2	18.2	33.5	33.4	8.24	8.24	94.80	7.32	1.6	1.6	1.1	<1	1.0	<1.6	1.6									
				Middle	4.1	18.1	18.1	33.5	33.5	8.24	8.24	89.90	6.95	1.5	1.6	1.56	2.4	2.4	2.01	<1	1.0	<1.6	1.6					
					18.1	18.1	33.5	33.5	8.24	8.24	95.30	7.37	1.6	1.6	2.0	<1	1.0	<1.6	1.6									
					18.1	18.1	33.5	33.5	8.24	8.24	90.60	7.03	1.6	1.6	2.8	<1	1.0	<1.6	1.6									
				Bottom	7.0	18.1	18.1	33.5	33.5	8.24	8.24	87.70	6.77	1.6	1.6	6.67	2.2	2.3	2.01	<1	1.0	<1.6	1.6					
					18.1	18.1	33.5	33.5	8.24	8.24	84.50	6.54	1.7	1.6	84.60	2.3	2.3	2.01	<1	1.0	<1.6	1.6						
					18.1	18.1	33.5	33.5	8.24	8.24	86.60	6.71	1.6	1.6	2.4	<1	1.0	<1.6	1.6									
19-Jan-19	Fine	Moderate	16:13	Surface	1	17.9	17.9	33.5	33.5	8.24	8.25	88.60	89.20	6.63	6.67	1.1	1.1	2.4	2.3	6.0	5.7	<1.6	1.6	1.60				
					17.9	17.9	33.5	33.5	8.25	8.26	89.20	6.67	1.1	1.1	2.1	2.3	5.0	<1.6	1.6									
					18.0	18.0	33.5	33.5	8.26	8.26	89.80	6.71	1.2	1.4	2.3	<1.6	1.6											
				Middle	4.2	18.0	18.0	33.6	33.6	8.25	8.26	89.20	6.66	1.4	1.4	1.46	2.0	2.2	2.37	6.0	5.3	<1.6	1.6					
					18.0	18.0	33.6	33.6	8.27	8.26	87.90	6.57	1.4	1.4	2.3	<1.6	1.6											
					18.0	18.0	33.6	33.6	8.26	8.26	88.00	6.57	1.4	1.4	2.2	<1.6	1.6											
				Bottom	7.3	18.0	18.0	33.6	33.6	8.27	8.26	82.40	6.15	1.9	1.8	6.27	2.5	2.7	2.37	5.0	5.0	<1.6	1.6					
					18.0	18.0	33.6	33.6	8.25	8.26	85.30	6.37	1.8	1.8	84.20	2.3	2.7	2.37	5.0	5.0	<1.6	1.6						
					18.0	18.0	33.6	33.6	8.27	8.26	84.20	6.28	1.8	1.8	3.2	<1.6	1.6											
22-Jan-19	Fine	Moderate	7:19	Surface	1	17.9	17.9	32.6	32.6	8.21	8.20	93.40	93.60	6.78	6.79	1.9	1.8	7.2	7.3	4.0	4.3	<1.6	1.6	1.60				
					17.9	17.9	32.6	32.6	8.20	8.20	93.80	6.80	1.7	1.8	7.8	4.0	4.0	<1.6	1.6									
					17.9	17.9	32.6	32.6	8.20	8.20	93.60	6.79	1.8	1.8	6.8	4.0	4.0	<1.6	1.6									
				Middle	3.9	17.9	17.9	32.6	32.6	8.21	8.21	93.60	6.79	2.1	2.0	1.98	4.5	5.1	5.42	4.0	4.0	<1.6	1.6					
					17.9	17.9	32.6	32.6	8.21	8.21	93.40	6.77	2.0	2.0	5.0	<1.6	1.6											
					17.9	17.9	32.6	32.6	8.20	8.20	93.60	6.79	2.0	2.0	5.7	<1.6	1.6											
				Bottom	6.7	17.9	17.9	32.6	32.6	8.21	8.21	93.30	6.77	2.0	2.1	6.78	3.4	3.9	5.42	4.0	4.0	<1.6	1.6					
					17.9	17.9	32.6	32.6	8.20	8.20	93.50	6.79	2.2	2.1	4.3	<1.6	1.6											
					17.9	17.9	32.6	32.6	8.21	8.21	93.60	6.79	2.1	2.1	4.1	<1.6	1.6											
24-Jan-19	Sunny	Moderate	9:07	Surface	1	18.4	18.4	31.9	31.9	8.01	8.01	92.00	91.93	7.14	7.13	2.3	2.3	4.5	4.5	8.0	8.3	<1.6	1.6	1.60				
					18.4	18.4	31.9	31.9	8.01	8.01	91.90	7.13	2.2	2.3	3.8	8.0	8.0	<1.6	1.6									
					18.4	18.4	31.9	31.9	8.01	8.01	91.90	7.13	2.3	2.3	5.2	<1.6	1.6											
				Middle	3.9	18.4	18.4	31.9	31.9	8.01	8.01	91.80	7.13	2.3	2.4	2.42	5.4	4.6	4.61	8.0	8.0	<1.6	1.6					
					18.4	18.4	31.9	31.9	8.01	8.01	91.80	7.13	2.5	2.4	4.2	<1.6	1.6											
					18.4	18.4	31.9	31.9	8.01	8.01	91.60	7.12	2.4	2.4	4.3	<1.6	1.6											
				Bottom	6.9	18.3	18.3	31.8	31.8	8.01	8.01	91.50	7.11	2.7	2.6	7.11	4.5	4.7	4.61	8.0	8.0	<1.6	1.6					
					18.3	18.3	31.8	31.8	8.01	8.01	91.40	7.11	2.5	2.5	4.8	<1.6	1.6											
					18.3	18.3	31.9	31.9	8.02	8.02	91.40	7.10	2.6	2.6	8.0	<1.6	1.6											
26-Jan-19	Fine	Moderate	9:56	Surface	1	18.6	18.6	31.9	31.9	8.03	8.03	89.20	88.97	6.97	6.95	2.1	2.2	4.8	4.2	7.0	7.3	<1.6	1.6	1.60				
					18.6	18.6	31.9	31.9	8.03	8.03	89.00	6.94	2.3	2.3	4.2	7.0	7.0	<1.6	1.6									
					18.6	18.6	31.9	31.9	8.04	8.04	88.70	6.93	2.3	2.3	4.6	<1.6	1.6											
				Middle	3.8	18.5	18.5	32.0	32.0	8.05	8.05	89.30	6.98	2.7	2.7	2.54	5.2	5.1	5.13	8.0	7.3	<1.6	1.6					
					18.5	18.5	32.0	32.0	8.05	8.05	89.10	6.96	2.8	2.6	5.0	<1.6	1.6											
					18.5	18.5	32.0	32.0	8.05	8.05	89.00	6.94	2.6	2.6	5.2	<1.6	1.6											
				Bottom	6.6	18.5	18.5	32.0	32.0	8.06	8.06	89.20	6.97	2.6	2.7	6.95	5.9	6.1	5.13	7.0	7.7	<1.6	1.6					
					18.5	18.5	32.0	32.0	8.07	8.06	88.90	6.93	2.8	2.7	6.3	<1.6	1.6											
					18.5	18.5	32.0	32.0	8.05	8.05	89.00	6.94	2.7	2.7	6.0	<1.6	1.6											
29-Jan-19	Sunny	Moderate	13:31	Surface	1	18.5	18.5	32.4	32.4	8.15	8.15	98.80	99.20	6.60	6.62	2.4	2.4	1.4	1.7	5.0	4.7	<1.6	1.6	1.60				
					18.5	18.5	32.4	32.4	8.15	8.15	99.60	6.65	2.4	2.3	1.9	4.0	4.0	<1.6	1.6									
					18.5	18.5	32.4	32.4	8.15	8.14	99.20	6.62	1.8	1.8	1.8	<1.6	1.6											
				Middle	3.8	18.5	18.5	32.4	32.4	8.14	8.14	98.30	6.56	2.5	2.5	2.44	1.5	1.6	2.72	4.0	4.3	<1.6	1.6					
					18.5	18.5	32.4	32.4	8.15	8.14	98.90	6.60	2.5	2.4	1.5	<1.6	1.6											
					18.5	18.5	32.4	32.4	8.14	8.14	99.00	6.61	2.4	2.4	1.8	<1.6	1.6											
				Bottom	6.5	18.5	18.5	32.4	32.4	8.14	8.14	98.80	6.60	2.5	2.5	6.56	4.4	4.9	2.72	5.0	4.7	<1.6	1.6					
					18.5	18.5	32.4	32.4	8.14	8.14	97.90	6.54	2.5	2.5	5.1	<1.6	1.6											
					18.5	18.5	32.4	32.4	8.14	8.14	98.10	6.55	2.5	2.5	5.1	<1.6	1.6											
31-Jan-19	Sunny	Moderate	15:01	Surface	1	18.6	18.6	31.9	31.9	8.04	8.04	90.40	90.30	6.85	6.84	1.6	1.6	3.2	2.9	5.0	5.0	<1.6	1.6	1.60				
					18.6	18.6	31.9	31.9	8.04	8.04	90.30	6.84	1.7	1.6	2.5	5.0	5.0	<1.6	1.6									
					18.6	18.6	31.9	31.9	8.04	8.04	90.20	6.84	1.6	1.6	3.0	<1.6	1.6											
				Middle	3.9	18.6	18.6	31.9	31.9	8.04	8.04	90.20	6.84	2.2	2.1	6.84	1.8	1.6	2.08	5.0	5.0	<1.6	1.6					
					18.6	18.6	31.9	31.9	8.04	8.04	90.20	6.84	2.1	2.1	1.8	<1.6	1.6											
					18.6	18.6	31.9	31.9	8.04	8.04	90.00	6.83	2.1	2.1	1.3	<1.6	1.6											
				Bottom	6.8	18.6	18.6	31.9	31.9	8.04	8.04	89.90	6.82	2.4	2.4	6.82	1.9	1.7	2.08	5.0	5.0	<1.6	1.6					
					18.6	18.6	31.9	31.9	8.04	8.04	89.90	6.82	2.5	2.4	1.8	<1.6	1.6											
					18.6	18.6	31.9	31.9	8.04	8.04	90.00	6.82	2.4	2.4	1.4	<1.6	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*
2-Jan-19	Cloudy	Moderate	23:37	Surface	1	17.6	17.6	33.7	33.7	8.20	8.19	80.50	79.30	5.79	5.70	1.8	1.8	1.1	1.2	5.0	2.00	4.7	4.33	<1.6	1.6	1.60		
						17.6		33.7		8.19		78.90		5.67		1.8		1.3		5.0		<1.6						
						17.6		33.7		8.19		78.50		5.64		1.9		1.2		4.0		<1.6						
				Middle	3.6	17.6	17.6	33.7	33.7	8.21	8.20	79.90	79.07	5.75	5.69	1.9	1.9	2.4	1.91	2.4	2.4	5.0	2.00	4.3	4.33	<1.6	1.6	1.60
						17.6		33.7		8.19		78.50		5.64		1.9		2.4		4.0		<1.6						
						17.6		33.7		8.20		78.40		5.64		2.0		2.1		4.0		<1.6						
				Bottom	6.2	17.6	17.6	33.7	33.7	8.19	8.21	78.40	78.57	5.64	5.65	2.0	2.0	2.6	1.91	2.4	2.4	4.0	2.00	4.0	4.33	<1.6	1.6	1.60
						17.6		33.8		8.20		77.80		5.59		2.1		2.3		4.0		<1.6						
						17.6		33.7		8.23		79.50		5.72		1.9		2.3		4.0		<1.6						
5-Jan-19	Sunny	Calm	0:52	Surface	1	18.9	18.8	33.2	33.1	8.05	8.05	93.30	93.20	7.11	7.11	2.1	2.2	3.6	3.3	4.0	3.22	4.0	4.00	<1.6	1.6	1.60		
						18.8		33.1		8.05		93.10		7.10		2.2		3.3		4.0		<1.6						
						18.8		33.1		8.05		93.20		7.11		2.2		3.1		4.0		<1.6						
				Middle	3.7	18.9	18.9	33.2	33.2	8.05	8.05	93.10	93.07	7.10	7.10	2.7	2.7	3.8	2.59	3.8	3.22	4.0	3.22	4.0	4.00	<1.6	1.6	1.60
						18.9		33.2		8.05		93.00		7.09		2.5		3.9		4.0		<1.6						
						18.9		33.2		8.05		93.10		7.10		2.8		3.4		4.0		<1.6						
				Bottom	6.3	18.9	18.9	33.2	33.2	8.05	8.05	93.10	93.03	7.10	7.09	3.0	2.9	2.6	2.59	2.6	3.22	4.0	3.22	4.0	4.00	<1.6	1.6	1.60
						18.9		33.2		8.05		92.90		7.08		2.8		2.8		4.0		<1.6						
						18.9		33.2		8.05		93.10		7.09		3.0		2.2		4.0		<1.6						
8-Jan-19	Fine	Moderate	2:16	Surface	1	18.3	18.3	33.8	33.8	8.30	8.30	90.80	90.80	6.96	6.96	1.9	2.0	3.9	3.5	6.0	3.50	6.0	6.00	<1.6	1.6	1.60		
						18.3		33.8		8.30		90.70		6.95		2.0		3.4		6.0		<1.6						
						18.3		33.8		8.30		90.90		6.96		2.1		3.1		6.0		<1.6						
				Middle	3.9	18.3	18.4	33.8	33.8	8.31	8.30	90.60	90.47	6.94	6.93	2.0	2.0	3.9	6.94	3.9	3.50	6.0	3.50	6.0	6.00	<1.6	1.6	1.60
						18.4		33.8		8.30		90.30		6.91		2.1		4.0		6.0		<1.6						
						18.4		33.8		8.30		90.50		6.93		1.9		4.0		6.0		<1.6						
				Bottom	6.7	18.4	18.4	33.8	33.8	8.32	8.31	90.60	90.53	6.94	6.93	2.2	2.2	3.1	6.93	3.1	3.50	6.0	3.50	6.0	6.00	<1.6	1.6	1.60
						18.4		33.8		8.30		90.60		6.94		2.0		3.5		6.0		<1.6						
						18.4		33.8		8.30		90.40		6.92		2.3		3.0		6.0		<1.6						
10-Jan-19	Fine	Moderate	4:17	Surface	1	18.5	18.5	33.3	33.3	8.34	8.34	87.50	87.50	6.73	6.73	2.1	2.2	2.0	1.7	6.0	1.58	6.0	6.22	<1.6	1.6	1.60		
						18.5		33.3		8.34		87.80		6.75		2.3		1.7		6.0		<1.6						
						18.5		33.3		8.34		87.20		6.71		2.2		1.4		6.0		<1.6						
				Middle	3.8	18.5	18.5	33.4	33.4	8.36	8.35	87.50	87.30	6.73	6.72	2.1	2.1	1.7	2.18	1.7	1.58	6.0	1.58	6.3	6.22	<1.6	1.6	1.60
						18.5		33.4		8.35		87.00		6.70		2.1		1.3		7.0		<1.6						
						18.5		33.4		8.35		87.40		6.72		2.0		1.9		6.0		<1.6						
				Bottom	6.5	18.5	18.5	33.4	33.4	8.35	8.36	87.20	87.17	6.71	6.71	2.2	2.3	1.3	6.71	1.3	1.58	7.0	1.58	6.3	6.22	<1.6	1.6	1.60
						18.5		33.4		8.37		87.30		6.72		2.2		1.3		6.0		<1.6						
						18.5		33.4		8.35		87.00		6.69		2.4		1.3		6.0		<1.6						
12-Jan-19	Cloudy	Moderate	3:35	Surface	1	18.4	18.4	32.7	32.7	8.21	8.21	100.00	99.60	6.69	6.66	2.8	2.8	3.9	3.6	5.0	4.42	5.0	5.56	<1.6	1.6	1.60		
						18.4		32.7		8.21		99.20		6.64		2.8		3.4		5.0		<1.6						
						18.4		32.7		8.21		99.60		6.66		2.7		3.6		5.0		<1.6						
				Middle	3.8	18.4	18.4	32.7	32.7	8.20	8.20	99.30	99.13	6.64	6.63	2.9	2.9	4.5	2.87	4.5	4.42	6.0	4.42	5.7	5.56	<1.6	1.6	1.60
						18.4		32.7		8.20		99.40		6.65		2.9		4.2		6.0		<1.6						
						18.4		32.7		8.20		98.70		6.60		2.9		4.7		5.0		<1.6						
				Bottom	6.7	18.4	18.4	32.7	32.7	8.20	8.20	98.30	98.67	6.58	6.60	2.9	2.9	5.1	6.60	5.1	4.42	6.0	4.42	6.0	6.00	<1.6	1.6	1.60
						18.4		32.7		8.20		98.50		6.59		3.0		4.9		6.0		<1.6						
						18.4		32.7		8.20		99.20		6.64		2.9		5.3		6.0		<1.6						
15-Jan-19	Sunny	Calm	5:56	Surface	1	18.9	18.9	32.1	32.1	7.99	7.98	92.40	92.37	7.09	7.09	2.2	2.2	1.3	1.5	6.0	1.36	6.0	6.22	<1.6	1.6	1.60		
						18.9		32.1		7.98		92.30		7.09		2.3		1.2		6.0		<1.6						
						18.9		32.0		7.98		92.40		7.10		2.2		1.9		6.0		<1.6						
				Middle	3.6	18.9	18.9	32.2	32.2	7.98	7.98	92.10	92.10	7.07	7.07	2.3	2.3	1.2	2.31	1.2	1.36	7.0	1.36	6.3	6.22	<1.6	1.6	1.60
						18.9		32.2		7.98		92.00		7.06		2.3		1.0		6.0		<1.6						
						18.9		32.2		7.99		92.20		7.08		2.3		1.2		6.0		<1.6						
				Bottom	6.2	18.9	18.9	32.3	32.3	7.99	7.98	92.10	92.03	7.07	7.06	2.4	2.4	1.4	7.06	1.4	1.36	6.0	1.36	6.3	6.22	<1.6	1.6	1.60
						18.9		32.3		7.98		91.90		7.05		2.5		1.5		7.0		<1.6						
						18.9		32.3		7.98		92.10		7.06		2.3		1.0		6.0		<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*	
17-Jan-19	Fine	Moderate	20:34	Surface	1	18.5	18.5	33.6	33.5	8.25	8.25	90.50	89.53	6.94	6.81	6.87	6.88	2.4	2.3	2.4	1.5	1.4	1.28	7.0	7.3	7.56	<1.6	<1.6	1.6
					18.6	18.5	33.6	33.5	8.25	8.25	88.80	89.53	6.81	6.85	6.87	2.4	2.3	2.4	1.2	1.4	1.28	7.0	7.3	7.56	<1.6	<1.6	1.6		
				Middle	3.8	18.4	18.4	33.6	33.6	8.25	8.25	88.90	89.73	6.83	6.73	6.89	6.88	2.5	2.6	2.6	1.1	1.5	1.28	7.0	7.3	7.56	<1.6	<1.6	1.6
					18.4	18.4	33.6	33.6	8.25	8.25	89.20	89.73	6.83	6.85	6.89	2.5	2.6	2.6	1.1	1.5	1.28	7.0	7.3	7.56	<1.6	<1.6	1.6		
				Bottom	6.4	18.3	18.3	33.6	33.6	8.27	8.26	90.70	89.63	6.99	6.87	6.90	6.90	2.7	2.8	2.7	1.2	0.9	1.28	8.0	8.0	7.56	<1.6	<1.6	1.6
					18.4	18.3	33.6	33.6	8.25	8.25	88.90	89.63	6.84	6.84	6.90	6.90	2.6	2.8	2.6	0.7	0.9	1.28	8.0	8.0	7.56	<1.6	<1.6	1.6	
19-Jan-19	Fine	Moderate	22:48	Surface	1	18.2	18.2	33.6	33.6	8.22	8.22	91.60	92.93	6.80	6.89	6.91	6.84	2.7	2.8	2.8	1.4	1.6	1.64	5.0	5.3	5.22	<1.6	<1.6	1.6
					18.1	18.2	33.6	33.6	8.23	8.22	92.90	92.93	6.89	6.91	6.91	6.84	2.8	2.8	2.8	1.5	1.6	1.64	5.0	5.3	5.22	<1.6	<1.6	1.6	
				Middle	3.8	18.1	18.1	33.6	33.6	8.22	8.22	91.80	91.07	6.83	6.73	6.77	6.84	3.5	3.2	3.4	1.7	1.5	1.64	5.0	5.3	5.22	<1.6	<1.6	1.6
					18.1	18.1	33.6	33.6	8.23	8.22	90.80	91.07	6.73	6.75	6.77	6.84	3.2	3.2	3.4	1.0	1.5	1.64	5.0	5.3	5.22	<1.6	<1.6	1.6	
				Bottom	6.4	18.0	18.1	33.6	33.6	8.24	8.22	91.70	91.00	6.83	6.74	6.77	6.77	3.5	3.4	3.4	1.6	1.9	1.64	5.0	5.0	5.22	<1.6	<1.6	1.6
					18.1	18.1	33.6	33.6	8.22	8.22	90.70	91.00	6.75	6.75	6.77	6.77	3.4	3.4	3.4	2.0	1.9	1.64	5.0	5.0	5.22	<1.6	<1.6	1.6	
22-Jan-19	Fine	Moderate	2:47	Surface	1	17.9	17.9	32.5	32.5	8.19	8.19	91.50	91.23	6.64	6.61	6.62	6.63	2.1	2.2	2.2	3.8	3.8	3.86	5.0	4.7	4.44	<1.6	<1.6	1.6
					17.9	17.9	32.5	32.5	8.19	8.19	91.10	91.23	6.61	6.61	6.62	6.63	2.2	2.2	2.2	3.3	3.8	3.86	5.0	4.7	4.44	<1.6	<1.6	1.6	
				Middle	3.7	17.9	17.9	32.7	32.7	8.20	8.20	91.70	91.53	6.65	6.61	6.63	6.63	2.4	2.4	2.4	4.3	3.1	3.86	5.0	4.3	4.44	<1.6	<1.6	1.6
					17.8	17.8	32.7	32.7	8.20	8.20	91.70	91.53	6.64	6.64	6.63	6.63	2.5	2.5	2.5	3.4	3.1	3.86	4.0	4.3	4.44	<1.6	<1.6	1.6	
				Bottom	6.3	17.8	17.8	32.7	32.7	8.20	8.20	91.50	91.47	6.63	6.64	6.63	6.63	2.6	2.9	2.8	4.7	4.6	3.86	4.0	4.3	4.44	<1.6	<1.6	1.6
					17.9	17.8	32.7	32.7	8.20	8.20	91.20	91.47	6.61	6.61	6.63	6.63	3.0	2.9	2.8	4.4	4.6	3.86	4.0	4.3	4.44	<1.6	<1.6	1.6	
24-Jan-19	Fine	Moderate	2:56	Surface	1	18.4	18.4	31.9	31.9	8.01	8.01	91.90	91.77	7.13	7.12	7.12	7.12	2.2	2.4	2.4	7.6	8.2	6.79	8.0	8.0	8.11	<1.6	<1.6	1.6
					18.4	18.4	31.9	31.9	8.01	8.01	91.70	91.77	7.12	7.12	7.12	7.12	2.4	2.4	2.4	8.9	8.2	6.79	8.0	8.0	8.11	<1.6	<1.6	1.6	
				Middle	3.7	18.3	18.3	31.9	31.9	8.01	8.01	91.60	91.63	7.12	7.12	7.12	7.12	2.4	2.8	2.6	8.3	7.3	6.79	8.0	8.0	8.11	<1.6	<1.6	1.6
					18.3	18.3	31.9	31.9	8.02	8.01	91.60	91.63	7.12	7.13	7.12	7.12	2.8	2.8	2.5	6.4	7.3	6.79	8.0	8.0	8.11	<1.6	<1.6	1.6	
				Bottom	6.3	18.4	18.3	31.8	31.8	8.01	8.01	91.40	91.43	7.10	7.12	7.11	7.11	3.2	3.0	3.0	5.1	4.9	6.79	8.0	8.3	8.11	<1.6	<1.6	1.6
					18.3	18.3	31.8	31.8	8.01	8.01	91.40	91.43	7.10	7.10	7.11	7.11	2.8	2.8	2.8	4.4	4.9	6.79	9.0	8.3	8.11	<1.6	<1.6	1.6	
26-Jan-19	Fine	Moderate	4:49	Surface	1	18.5	18.5	32.0	32.0	8.04	8.04	91.30	91.00	7.10	7.06	7.08	7.07	2.7	2.7	2.7	5.7	6.1	5.34	7.0	7.0	6.67	<1.6	<1.6	1.6
					18.5	18.5	32.0	32.0	8.05	8.04	90.80	91.00	7.06	7.08	7.08	7.07	2.6	2.6	2.6	5.9	6.1	5.34	7.0	7.0	6.67	<1.6	<1.6	1.6	
				Middle	3.6	18.4	18.4	32.0	32.0	8.08	8.07	90.20	90.53	7.03	7.05	7.05	7.05	2.9	2.9	2.7	4.8	4.9	5.34	6.0	6.0	6.67	<1.6	<1.6	1.6
					18.4	18.4	32.0	32.0	8.07	8.07	90.50	90.53	7.05	7.05	7.05	7.05	2.7	2.7	2.7	5.2	4.9	5.34	6.0	6.0	6.67	<1.6	<1.6	1.6	
				Bottom	6.2	18.4	18.4	32.1	32.1	8.07	8.08	90.20	90.10	7.03	7.04	7.02	7.02	2.8	3.1	3.0	5.2	5.0	5.34	7.0	7.0	6.67	<1.6	<1.6	1.6
					18.4	18.4	32.1	32.1	8.08	8.09	89.80	90.10	7.04	7.00	7.02	7.02	3.0	3.0	3.0	4.6	5.0	5.34	7.0	7.0	6.67	<1.6	<1.6	1.6	
29-Jan-19	Cloudy	Moderate	20:26	Surface	1	18.4	18.4	32.6	32.6	8.14	8.14	96.30	98.07	6.40	6.47	6.52	6.50	2.4	2.4	2.4	3.2	3.1	2.49	4.0	4.7	4.56	<1.6	<1.6	1.6
					18.4	18.4	32.6	32.6	8.15	8.15	97.30	98.07	6.47	6.70	6.52	6.50	2.4	2.4	2.4	2.5	3.1	2.49	5.0	4.7	4.56	<1.6	<1.6	1.6	
				Middle	3.7	18.4	18.4	32.6	32.6	8.15	8.15	99.00	97.37	6.59	6.44	6.48	6.48	2.5	2.5	2.5	3.6	2.9	2.49	4.0	4.3	4.56	<1.6	<1.6	1.6
					18.4	18.4	32.6	32.6	8.14	8.14	96.20	97.37	6.40	6.40	6.48	6.48	2.5	2.5	2.5	2.6	2.9	2.49	5.0	4.3	4.56	<1.6	<1.6	1.6	
				Bottom	6.4	18.4	18.4	32.6	32.6	8.15	8.14	98.20	96.97	6.53	6.39	6.45	6.45	2.5	2.6	2.6	1.5	1.6	2.49	5.0	4.7	4.56	<1.6	<1.6	1.6
					18.4	18.4	32.6	32.6	8.15	8.15	96.70	96.97	6.43	6.43	6.45	6.45	2.6	2.6	2.6	1.6	1.6	2.49	5.0	4.7	4.56	<1.6	<1.6	1.6	
31-Jan-19	Fine	Moderate	21:49	Surface	1	18.7	18.6	31.9	31.9	8.03	8.03	90.60	90.53	6.87	6.86	6.86	6.86	2.4	2.4	2.4	1.8	2.0	2.17	5.0	5.0	5.00	<1.6	<1.6	1.6
					18.6	18.6	31.9	31.9	8.03	8.03	90.60	90.53	6.86	6.86	6.86	6.86	2.4	2.4	2.4	2.0	2.0	2.17	5.0	5.0	5.00	<1.6	<1.6	1.6	
				Middle	3.8	18.6	18.6	31.9	31.9	8.04	8.04	90.30	90.40	6.86	6.86	6.86	6.86	2.5	2.6	2.6	2.1	2.4	2.17	5.0	5.0	5.00	<1.6	<1.6	1.6
					18.6	18.6	31.9	31.9	8.04	8.04	90.50	90.40	6.86	6.86	6.86	6.86	2.6	2.6	2.5	2.3	2.4	2.17	5.0	5.0	5.00	<1.6	<1.6	1.6	
				Bottom	6.5	18.6	18.6	31.9	31.9	8.04	8.04	90.20	90.17	6.84	6.83	6.84	6.84	2.6	2.6	2.6	2.2	2.1	2.17	5.0	5.0	5.00	<1.6	<1.6	1.6
					18.6	18.6	31.9	31.9	8.04	8.04	90.20	90.17	6.84	6.84	6.84	6.84	2.6	2.6	2.6	2.0	2.1	2.17	5.0	5.0	5.00	<1.6	<1.6	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*			
3-Jan-19	Cloudy	Moderate	4:25	Surface	1	17.8	17.8	33.7	33.7	8.18	8.18	77.80	77.83	5.57	5.57	2.3	2.3	2.33	1.3	1.6	2.37	5.0	4.0	4.3	4.11	4.11	<1.6	1.6	1.60		
						17.8		33.7		8.19		77.70		5.58		2.3			1.9			4.0			<1.6						
						17.8		33.7		8.19		77.60		5.56		2.3			1.7			4.0			<1.6						
				Middle	3.7	17.8	17.8	33.7	33.7	8.19	8.19	77.60	77.73	5.58	5.56	2.4	2.3	2.33	3.1	2.9	2.37	4.0	4.0	4.0	4.0	4.0	4.0	4.0	<1.6	1.6	1.60
						17.8		33.7		8.20		77.60		5.55		2.3			3.0			4.0			<1.6						
						17.8		33.7		8.19		77.90		5.58		2.4			2.7			4.0			<1.6						
				Bottom	6.4	17.8	17.8	33.7	33.7	8.19	8.20	77.40	77.53	5.54	5.55	2.4	2.4	2.33	2.5	2.6	2.37	4.0	4.0	4.0	4.0	4.0	4.0	4.0	<1.6	1.6	1.60
						17.8		33.7		8.21		77.30		5.53		2.3			2.5			4.0			<1.6						
						17.8		33.7		8.21		77.30		5.53		2.3			2.5			4.0			<1.6						
5-Jan-19	Sunny	Calm	6:09	Surface	1	18.9	18.9	33.1	33.1	8.07	8.07	92.70	92.80	7.26	7.27	2.0	2.1	2.16	2.6	2.4	2.52	4.0	4.0	4.0	4.00	4.00	<1.6	1.6	1.60		
						18.9		33.1		8.07		93.00		7.28		2.1			2.1			4.0			<1.6						
						19.0		33.1		8.07		92.60		7.25		2.1			2.1			4.0			<1.6						
				Middle	4.0	19.0	19.0	33.2	33.2	8.06	8.07	92.50	92.50	7.24	7.24	2.1	2.1	2.16	2.5	2.4	2.52	4.0	4.0	4.0	4.0	4.0	4.0	4.0	<1.6	1.6	1.60
						19.0		33.2		8.07		92.40		7.23		2.2			2.3			4.0			<1.6						
						19.0		33.2		8.06		92.50		7.22		2.3			2.4			4.0			<1.6						
				Bottom	6.8	19.1	19.0	33.2	33.2	8.06	8.06	92.50	92.50	7.22	7.22	2.3	2.3	2.16	2.4	2.7	2.52	4.0	4.0	4.0	4.0	4.0	4.0	4.0	<1.6	1.6	1.60
						19.0		33.2		8.06		92.60		7.23		2.3			2.3			4.0			<1.6						
						19.0		33.2		8.06		92.40		7.22		2.2			2.2			4.0			<1.6						
8-Jan-19	Fine	Moderate	8:01	Surface	1	18.3	18.3	33.7	33.7	8.31	8.31	92.10	92.13	7.07	7.07	1.9	1.8	2.08	2.3	2.5	2.46	6.0	6.0	6.0	6.00	6.00	<1.6	1.6	1.60		
						18.3		33.7		8.31		92.20		7.08		1.7			2.6			6.0			<1.6						
						18.3		33.7		8.32		92.10		7.07		1.9			2.7			6.0			<1.6						
				Middle	3.9	18.3	18.3	33.7	33.7	8.31	8.33	92.00	92.10	7.06	7.07	2.1	2.2	2.08	2.3	2.5	2.46	6.0	6.0	6.0	6.0	6.0	6.0	6.0	<1.6	1.6	1.60
						18.3		33.7		8.31		92.30		7.08		2.2			2.2			6.0			<1.6						
						18.3		33.7		8.31		92.30		7.08		2.2			2.2			6.0			<1.6						
				Bottom	6.8	18.3	18.3	33.7	33.7	8.31	8.34	92.40	92.20	7.09	7.07	2.3	2.2	2.08	2.4	2.3	2.46	6.0	6.0	6.0	6.0	6.0	6.0	6.0	<1.6	1.6	1.60
						18.3		33.7		8.32		92.10		7.06		2.2			2.2			6.0			<1.6						
						18.3		33.7		8.32		92.10		7.06		2.2			2.2			6.0			<1.6						
10-Jan-19	Sunny	Moderate	9:12	Surface	1	18.5	18.5	33.4	33.4	8.36	8.36	90.00	90.10	6.92	6.92	2.1	2.0	2.46	1.3	1.2	1.44	6.0	6.0	6.0	6.00	6.00	<1.6	1.6	1.60		
						18.5		33.4		8.36		90.30		6.93		1.4			6.0			<1.6									
						18.5		33.4		8.37		90.00		6.92		2.1			1.0			6.0			<1.6						
				Middle	3.9	18.4	18.4	33.4	33.4	8.36	8.36	90.40	89.93	6.94	6.91	2.5	2.6	2.46	1.5	1.4	1.44	6.0	6.0	6.0	6.0	6.0	6.0	6.0	<1.6	1.6	1.60
						18.5		33.4		8.38		89.50		6.88		2.7			1.2			6.0			<1.6						
						18.5		33.4		8.39		89.50		6.88		2.7			1.4			6.0			<1.6						
				Bottom	6.7	18.5	18.5	33.4	33.4	8.36	8.37	90.00	89.97	6.92	6.91	2.8	2.7	2.46	1.8	1.7	1.44	6.0	6.0	6.0	6.0	6.0	6.0	6.0	<1.6	1.6	1.60
						18.5		33.4		8.37		90.40		6.94		2.7			1.9			6.0			<1.6						
						18.5		33.4		8.37		90.40		6.94		2.7			1.9			6.0			<1.6						
12-Jan-19	Sunny	Moderate	10:25	Surface	1	18.5	18.5	33.0	33.0	8.09	8.09	97.40	97.47	6.53	6.53	2.1	2.1	6.53	7.6	7.3	7.92	5.0	5.0	5.0	5.11	5.11	<1.6	1.6	1.60		
						18.5		33.0		8.10		97.60		6.54		2.1			7.0			5.0			<1.6						
						18.5		33.0		8.10		97.60		6.53		2.3			8.7			5.0			<1.6						
				Middle	3.8	18.4	18.4	33.0	33.0	8.10	8.10	97.30	97.40	6.52	6.52	2.2	2.2	6.53	8.2	8.5	7.92	5.0	5.0	5.0	5.0	5.0	5.0	5.0	<1.6	1.6	1.60
						18.4		33.1		8.09		97.30		6.52		2.1			8.2			5.0			<1.6						
						18.4		33.1		8.09		97.30		6.52		2.1			8.2			5.0			<1.6						
				Bottom	6.4	18.5	18.5	33.0	33.0	8.09	8.10	97.20	97.33	6.51	6.52	2.2	2.2	6.53	8.0	7.9	7.92	6.0	6.0	6.0	6.0	6.0	5.3	6.0	<1.6	1.6	1.60
						18.5		33.0		8.10		97.50		6.53		2.3			7.9			5.0			<1.6						
						18.5		33.0		8.10		97.30		6.52		2.2			7.8			5.0			<1.6						
15-Jan-19	Sunny	Calm	12:32	Surface	1	18.8	18.8	32.3	32.3	8.00	8.00	92.60	92.60	7.11	7.11	7.10	2.2	2.2	2.31	1.2	1.3	1.43	6.0	6.0	6.0	6.00	6.00	<1.6	1.6	1.60	
						18.8		32.3		8.00		92.60		7.11			1.3			6.0			<1.6								
						18.8		32.3		8.00		92.60		7.11			1.3			6.0			<1.6								
				Middle	3.8	18.8	18.8	32.3	32.3	8.00	8.00	92.40	92.37	7.10	7.10	2.3	2.3	7.10	1.5	1.2	1.43	6.0	6.0	6.0	6.0	6.0	6.0	6.0	<1.6	1.6	1.60
						18.8		32.3		8.00		92.30		7.09		1.2			6.0			<1.6									
						18.8		32.3		8.00		92.40		7.10		2.4			0.9			6.0			<1.6						
				Bottom	6.6	18.8	18.8	32.3	32.3	8.00	8.00	92.30	92.30	7.09	7.09	2.4	2.4	7.09	1.5	1.8	1.43	6.0	6.0	6.0	6.0	6.0	6.0	6.0	<1.6	1.6	1.60
						18.8		32.3		8.00		92.30		7.09		2.3			1.8			6.0			<1.6						
						18.8		32.3		8.00		92.30		7.09		2.4			1.8			6.0			<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*				
17-Jan-19	Sunny	Moderate	13:51	Surface	1	18.4	18.4	33.5	33.5	8.24	8.23	8.23	91.30	91.80	7.19	7.04	6.99	2.0	2.0	2.0	1.3	1.5	1.17	<1	1.0	1.00	<1.6	1.6	1.60			
						18.4		33.5		8.23		91.30		6.97	1.9			1.0			<1			<1.6								
						18.4		33.6		8.24		91.70		7.05	2.3			1.0			<1			<1.6								
				Middle	3.9	18.3	18.4	33.6	33.6	8.24	8.24	8.24	8.24	89.30	89.73	6.87	6.91	6.91	2.2	2.3	2.3	2.2	1.1	1.0	1.17	<1	1.0	1.00	<1.6	1.6	1.60	
						18.4		33.6		8.23		89.30		6.80		2.3										1.0			<1			<1.6
						18.2		33.5		8.23		85.70		6.59		2.5										1.0			<1			<1.6
				Bottom	6.6	18.2	18.2	33.5	33.5	8.23	8.23	8.23	8.23	82.80	83.60	6.36	6.43	6.43	2.5	2.5	2.5	2.5	0.9	1.0	1.17	<1	1.0	1.00	<1.6	1.6	1.60	
						18.2		33.5		8.24		82.30		6.33		2.4										1.0			<1			<1.6
						18.2		33.5		8.24		82.30		6.33		2.4										1.0			<1			<1.6
19-Jan-19	Fine	Moderate	16:33	Surface	1	17.9	17.9	33.5	33.5	8.26	8.26	8.26	90.90	90.60	6.80	6.78	6.76	1.4	1.4	1.4	3.3	3.4	3.68	5.0	5.0	5.00	<1.6	1.6	1.60			
						17.9		33.5		8.26		90.40		6.76	1.5			5.0			<1.6											
						17.9		33.6		8.26		90.20		6.74	1.8			5.0			<1.6											
				Middle	3.8	17.9	17.9	33.6	33.5	8.27	8.26	8.26	8.26	89.80	90.07	6.71	6.73	6.73	1.8	1.9	1.9	3.4	3.2	3.68	5.0	5.0	5.00	<1.6	1.6	1.60		
						18.0		33.5		8.26		89.80		6.71		1.8									5.0			<1.6				
						18.0		33.6		8.26		90.20		6.75		2.0									5.0			<1.6				
				Bottom	6.6	18.0	18.0	33.6	33.6	8.28	8.27	8.27	8.27	87.10	87.47	6.51	6.54	6.54	2.2	2.2	2.2	4.6	4.4	4.4	5.0	5.0	5.00	<1.6	1.6	1.60		
						18.0		33.6		8.28		87.60		6.55		2.1									5.0			<1.6				
						18.0		33.5		8.26		87.70		6.56		2.2									5.0			<1.6				
22-Jan-19	Fine	Moderate	7:05	Surface	1	17.9	17.9	32.6	32.6	8.20	8.20	8.20	93.60	93.73	6.80	6.81	6.81	1.7	1.7	1.7	2.1	2.1	4.29	5.0	4.7	4.22	<1.6	1.6	1.60			
						17.9		32.6		8.21		93.80		6.81	1.8			5.0			<1.6											
						17.9		32.6		8.20		93.80		6.81	1.7			4.0			<1.6											
				Middle	3.8	17.9	17.9	32.6	32.6	8.20	8.20	8.20	8.20	93.60	93.80	6.79	6.81	6.81	1.9	2.0	2.0	5.2	5.2	4.29	4.0	4.0	4.22	<1.6	1.6	1.60		
						17.9		32.6		8.21		93.80		6.81		2.0									4.0			<1.6				
						17.9		32.6		8.20		94.00		6.82		2.0									4.0			<1.6				
				Bottom	6.4	17.9	17.9	32.6	32.6	8.22	8.21	8.21	8.21	94.00	93.83	6.82	6.80	6.80	2.4	2.3	2.3	5.8	5.5	5.5	4.0	4.0	4.0	<1.6	1.6	1.60		
						17.9		32.6		8.22		93.80		6.80		2.3									4.0			<1.6				
						17.9		32.6		8.21		93.70		6.79		2.3									4.0			<1.6				
24-Jan-19	Sunny	Moderate	8:43	Surface	1	18.4	18.4	31.9	31.9	8.01	8.01	8.01	91.90	91.87	7.13	7.13	7.13	2.0	2.2	2.2	3.8	3.8	4.38	9.0	9.0	8.56	<1.6	1.6	1.60			
						18.4		31.9		8.01		91.80		7.12	2.5			9.0			<1.6											
						18.3		31.9		8.01		91.50		7.12	2.6			8.0			<1.6											
				Middle	3.8	18.3	18.3	31.9	31.9	8.01	8.01	8.01	8.01	91.70	91.60	7.13	7.12	7.12	2.6	2.5	2.5	4.2	4.7	4.38	8.0	8.7	8.56	<1.6	1.6	1.60		
						18.3		31.9		8.01		91.60		7.12		2.4									9.0			<1.6				
						18.3		31.8		8.02		91.50		7.12		2.5									8.0			<1.6				
				Bottom	6.6	18.3	18.3	31.9	31.8	8.01	8.01	8.01	8.01	91.40	91.47	7.11	7.11	7.11	2.5	2.5	2.5	4.0	4.6	4.38	8.0	8.0	8.0	<1.6	1.6	1.60		
						18.3		31.9		8.01		91.50		7.11		2.6									8.0			<1.6				
						18.3		31.9		8.01		91.50		7.11		2.6									8.0			<1.6				
26-Jan-19	Fine	Moderate	9:38	Surface	1	18.5	18.5	32.0	31.9	8.03	8.03	8.03	89.30	89.30	6.97	6.97	6.97	2.0	2.0	2.0	4.1	3.9	5.72	8.0	7.3	7.44	<1.6	1.6	1.60			
						18.5		31.9		8.03		89.10		6.96	1.9			7.0			<1.6											
						18.6		32.0		8.03		89.50		6.98	2.1			7.0			<1.6											
				Middle	3.7	18.6	18.5	32.0	32.0	8.05	8.04	8.04	8.04	89.70	89.47	6.99	6.98	6.98	2.3	2.3	2.3	6.7	6.5	5.72	8.0	8.0	7.44	<1.6	1.6	1.60		
						18.5		32.0		8.04		89.10		6.96		2.4									8.0			<1.6				
						18.5		32.0		8.04		89.10		6.96		2.4									8.0			<1.6				
				Bottom	6.4	18.5	18.5	32.0	32.0	8.05	8.05	8.05	8.05	89.20	89.10	6.96	6.96	6.96	2.5	2.5	2.5	7.4	6.8	5.72	7.0	7.0	7.0	<1.6	1.6	1.60		
						18.5		32.0		8.05		88.90		6.94		2.5									7.0			<1.6				
						18.5		32.0		8.05		89.20		6.97		2.6									7.0			<1.6				
29-Jan-19	Sunny	Moderate	13:48	Surface	1	18.5	18.5	32.3	32.3	8.15	8.15	8.15	99.30	98.97	6.63	6.61	6.61	2.5	2.5	2.5	3.8	3.3	2.82	4.0	4.7	4.67	<1.6	1.6	1.60			
						18.5		32.3		8.15		99.00		6.62	2.5			5.0			<1.6											
						18.5		32.3		8.15		98.60		6.59	2.9			5.0			<1.6											
				Middle	3.9	18.5	18.5	32.3	32.3	8.14	8.14	8.14	8.14	98.50	98.47	6.58	6.58	6.58	2.6	2.6	2.6	2.0	1.7	2.82	4.0	4.7	4.67	<1.6	1.6	1.60		
						18.5		32.3		8.14		98.00		6.54		2.6									5.0			<1.6				
						18.5		32.3		8.14		98.90		6.61		2.6									5.0			<1.6				
				Bottom	6.6	18.5	18.5	32.3	32.3	8.14	8.14	8.14	8.14	97.90	97.90	6.54	6.54	6.54	2.6	2.6	2.6	3.4	3.4	2.82	4.0	4.7	4.67	<1.6	1.6	1.60		
						18.5		32.3		8.14		98.00		6.54		2.6									5.0			<1.6				
						18.5		32.3		8.14		97.80		6.53		3.3									5.0			<1.6				
31-Jan-19	Sunny	Moderate	15:20	Surface	1	18.6	18.6	31.9	31.9	8.04	8.04	8.04	90.30	90.37	6.85	6.85	6.85	2.2	2.1	2.1	1.3	1.7	1.87	5.0	5.0	5.00	<1.6	1.6	1.60			
						18.6		31.9		8.04		90.50		6.86	2.0			5.0			<1.6											
						18.6		31.9		8.04		90.30		6.84	2.0			5.0			<1.6											
				Middle	3.7	18.6	18.6	31.9	31.9	8.04	8.04	8.04	8.04	90.40	90.37	6.86	6.85	6.85	2.2	2.3	2.3	1.8	1.8	1.87	5.0	5.0	5.00	<1.6	1.6	1.60		
						18.6		31.9		8.04		90.30		6.85		2.2									5.0			<1.6				
						18.6		31.9		8.04		90.40		6.85		2.4									5.0			<1.6				
				Bottom	6.2	18.6	18.6	31.9	31.9	8.04	8.04	8.04	8.04	90.10	90.10	6.83	6.83	6.83	2.4	2.4	2.5	2.2	2.1	1.87	5.0	5.0	5.00	<1.6	1.6	1.60		
						18.6		31.9		8.05		90.10		6.84		2.6									5.0			<1.6				
						18.6		31.9		8.04		90.10		6.83		2.6									5.0			<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	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value
3-Jan-19	Cloudy	Moderate	0:07	Surface	1	17.6	33.7	33.7	8.20	8.21	78.60	79.77	5.65	5.74	5.72	2.2	2.3	2.36	1.1	1.6	1.67	4.0	4.3	4.56	<1.6	1.6	1.60	
					17.6	33.7	8.21	8.21	79.00	5.68	2.2	2.2	1.7	5.0		<1.6												
					17.6	33.7	8.23	8.23	81.70	5.88	2.5	4.0	1.9	4.0		<1.6												
				Middle	3.9	17.6	33.8	33.7	8.22	8.22	78.90	79.37	5.68	5.71	5.70	2.4	2.4	2.01	1.1	1.6	1.67	5.0	5.0	4.56	<1.6	1.6	1.60	
					17.6	33.7	8.21	8.21	80.70	5.81	2.4	2.4	1.9	5.0		<1.6												
					17.6	33.7	8.21	8.21	78.50	5.64	2.4	5.0	1.7	5.0		<1.6												
				Bottom	6.6	17.6	33.8	33.8	8.22	8.23	78.90	79.23	5.68	5.70	5.70	2.4	2.4	2.01	1.8	1.9	1.67	4.0	4.3	4.56	<1.6	1.6	1.60	
					17.6	33.8	8.26	8.23	80.40	5.78	2.4	2.4	2.0	5.0		<1.6												
					17.6	33.8	8.21	8.21	78.40	5.64	2.3	4.0	1.8	4.0		<1.6												
5-Jan-19	Sunny	Calm	1:15	Surface	1	18.8	33.1	33.1	8.05	8.05	93.00	92.93	7.09	7.09	7.08	1.5	1.6	2.01	3.2	2.9	3.26	4.0	4.0	4.00	<1.6	1.6	1.60	
					18.8	33.1	8.05	8.05	93.00	7.09	1.7	4.0	2.9	4.0		<1.6												
					18.9	33.2	8.05	8.05	92.90	7.08	1.9	4.0	3.3	4.0		<1.6												
				Middle	3.8	18.9	33.2	33.2	8.05	8.05	92.60	92.77	7.05	7.07	7.07	1.9	1.9	2.01	3.1	3.3	3.26	4.0	4.0	4.00	<1.6	1.6	1.60	
					18.9	33.2	8.05	8.05	92.80	7.07	1.8	4.0	3.4	4.0		<1.6												
					18.9	33.2	8.05	8.05	93.10	7.08	2.4	4.0	3.9	4.0		<1.6												
				Bottom	6.3	18.9	33.2	33.2	8.05	8.05	92.80	92.83	7.07	7.07	7.07	2.6	2.5	2.01	3.4	3.6	3.26	4.0	4.0	4.00	<1.6	1.6	1.60	
					18.9	33.2	8.05	8.05	92.60	7.05	2.6	2.6	3.4	4.0		<1.6												
					18.9	33.2	8.05	8.05	92.60	7.05	2.6	2.6	3.4	4.0		<1.6												
8-Jan-19	Fine	Moderate	2:40	Surface	1	18.3	33.8	33.8	8.31	8.30	90.40	90.40	6.93	6.93	6.92	1.9	2.0	2.02	2.1	2.4	3.53	6.0	6.0	6.00	<1.6	1.6	1.60	
					18.3	33.8	8.30	8.30	90.50	6.93	1.9	6.0	2.2	6.0		<1.6												
					18.4	33.8	8.30	8.30	90.30	6.92	2.1	6.0	3.0	6.0		<1.6												
				Middle	3.9	18.4	33.8	33.8	8.30	8.30	90.30	90.40	6.91	6.92	6.91	2.2	2.1	2.02	4.2	4.4	3.53	6.0	6.0	6.00	<1.6	1.6	1.60	
					18.4	33.8	8.31	8.30	90.50	6.93	2.1	6.0	4.4	6.0		<1.6												
					18.4	33.8	8.30	8.30	90.40	6.92	1.9	6.0	4.6	6.0		<1.6												
				Bottom	6.7	18.4	33.8	33.8	8.30	8.31	90.40	90.30	6.92	6.91	6.91	1.9	2.0	2.02	3.9	3.8	3.53	6.0	6.0	6.00	<1.6	1.6	1.60	
					18.4	33.8	8.30	8.31	90.40	6.92	2.1	6.0	3.6	6.0		<1.6												
					18.4	33.8	8.33	8.33	90.10	6.90	2.1	6.0	3.8	6.0		<1.6												
10-Jan-19	Fine	Moderate	4:41	Surface	1	18.5	33.4	33.4	8.34	8.34	87.10	87.07	6.70	6.70	6.70	2.3	2.3	2.29	1.8	1.7	1.63	6.0	6.0	6.11	<1.6	1.6	1.60	
					18.5	33.4	8.35	8.34	87.10	6.71	2.2	6.0	1.7	6.0		<1.6												
					18.6	33.4	8.34	8.34	87.00	6.69	2.3	6.0	1.5	6.0		<1.6												
				Middle	4.1	18.5	33.4	33.4	8.34	8.35	87.00	87.07	6.69	6.70	6.68	2.3	2.3	2.29	1.4	1.5	1.63	6.0	6.3	6.11	<1.6	1.6	1.60	
					18.5	33.4	8.36	8.35	87.10	6.70	2.3	6.0	1.3	7.0		<1.6												
					18.5	33.4	8.35	8.35	87.10	6.70	2.2	6.0	1.8	6.0		<1.6												
				Bottom	7.2	18.5	33.4	33.4	8.35	8.36	86.90	86.83	6.69	6.68	6.68	2.3	2.3	2.29	1.9	1.7	1.63	6.0	6.0	6.11	<1.6	1.6	1.60	
					18.5	33.4	8.35	8.36	86.90	6.69	2.3	6.0	1.6	6.0		<1.6												
					18.5	33.4	8.38	8.38	86.70	6.67	2.4	6.0	1.7	6.0		<1.6												
12-Jan-19	Cloudy	Moderate	3:59	Surface	1	18.4	32.7	32.7	8.21	8.21	98.60	98.63	6.59	6.60	6.58	2.4	2.5	2.51	4.4	4.5	5.03	5.0	5.3	5.22	<1.6	1.6	1.60	
					18.4	32.7	32.7	8.21	8.21	98.60	6.60	2.5	5.0	<1.6														
					18.4	32.7	32.7	8.20	8.20	98.00	6.55	2.5	5.0	<1.6														
				Middle	3.8	18.4	32.7	32.7	8.20	8.20	98.00	98.07	6.56	6.56	6.54	2.5	2.5	2.51	4.4	4.8	5.03	5.0	5.3	5.22	<1.6	1.6	1.60	
					18.4	32.7	32.7	8.20	8.20	98.00	6.57	2.5	5.0	<1.6														
					18.4	32.7	32.7	8.20	8.20	98.20	6.57	2.5	5.0	<1.6														
				Bottom	6.4	18.4	32.7	32.7	8.20	8.20	97.60	97.77	6.53	6.54	6.54	2.5	2.6	2.51	5.8	5.8	5.03	5.0	5.0	5.22	<1.6	1.6	1.60	
					18.4	32.7	32.7	8.20	8.20	97.90	6.55	2.6	5.0	<1.6														
					18.4	32.7	32.7	8.20	8.20	97.80	6.54	2.6	5.0	<1.6														
15-Jan-19	Sunny	Calm	6:16	Surface	1	18.9	32.1	32.1	7.98	7.98	92.20	92.17	7.08	7.08	7.07	2.2	2.2	2.39	0.9	1.3	1.44	6.0	6.0	6.00	<1.6	1.6	1.60	
					18.9	32.2	32.1	7.98	7.98	92.10	7.07	2.2	6.0	<1.6														
					18.9	32.1	32.1	7.98	7.98	92.20	7.08	2.3	6.0	<1.6														
				Middle	3.7	18.9	32.2	32.2	7.98	7.98	92.00	91.97	7.06	7.06	7.04	2.4	2.4	2.39	1.2	1.6	1.44	6.0	6.0	6.00	<1.6	1.6	1.60	
					18.9	32.3	32.2	7.98	7.98	91.90	7.05	2.4	6.0	<1.6														
					18.9	32.2	32.2	7.98	7.98	92.00	7.06	2.3	6.0	<1.6														
				Bottom	6.3	18.9	32.3	32.3	7.98	7.98	91.90	91.83	7.05	7.04	7.04	2.6	2.6	2.39	1.2	1.5	1.44	6.0	6.0	6.00	<1.6	1.6	1.60	
					18.9	32.3	32.3	7.98	7.98	91.70	7.03	2.6	6.0	<1.6														
					18.9	32.3	32.3	7.98	7.98	91.90	7.05	2.5	6.0	<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*							
17-Jan-19	Fine	Moderate	20:14	Surface	1	18.6	18.5	33.5	33.5	8.25	8.25	87.10	90.33	6.68	6.93	6.79	2.0	2.2	2.46	1.2	1.4	1.16	8.0	8.0	7.78	<1.6	1.6	1.60							
					18.5	33.5		8.25		91.90		7.06		7.04			2.3			2.2			1.6			8.0			<1.6						
				18.5	33.5	8.25		91.90		7.04		2.2		1.3			8.0			<1.6															
				Middle	3.8	18.4	33.6	33.6	8.27	8.26	85.90	86.33	6.61	6.64	2.6		2.5	2.0		2.5	2.41		2.3	2.6		2.70	5.0		5.0	5.0	5.0	5.0	5.0	<1.6	1.6
					18.5	33.5	8.25	86.50	6.66	6.64	2.3	2.5	0.8	8.0	<1.6																				
				18.4	33.6	8.26	86.60	6.66	6.66	2.6	2.6	0.8	8.0	<1.6																					
Bottom	6.6	18.3	33.5	33.5	8.28	8.26	80.00	82.63	6.16	6.35	2.7	2.7	1.5	1.4	2.7	2.8	2.7	1.5	1.4	8.0	7.0	7.7	8.0	7.0	7.7	<1.6	1.6								
	18.3	33.5	8.25	84.90	6.51	6.35	2.8	2.8	1.3	7.0	<1.6																								
18.4	33.5	8.26	83.00	6.38	6.35	2.6	2.6	1.3	8.0	<1.6																									
19-Jan-19	Fine	Moderate	22:20	Surface	1	18.2	18.2	33.6	33.6	8.21	8.22	91.20	93.93	6.76	6.97	6.80	2.0	2.0	2.41	1.8	1.9	2.70	5.0	5.0	5.00	<1.6	1.6	1.60							
					18.2	33.6		8.24		94.40		7.00		6.97			2.0			2.0			1.5			5.0			<1.6						
				18.2	33.6	8.20		96.20		7.14		2.1		2.1			2.3			5.0			<1.6												
				Middle	3.7	18.1	33.6	33.6	8.23	8.22	89.10	89.17	6.63	6.63	2.3		2.4	2.7		2.6	2.41		2.3	2.6		2.7	5.0		5.0	5.0	5.0	5.0	5.0	<1.6	1.6
					18.1	33.6	8.21	89.30	6.64	6.63	2.4	2.4	2.2	5.0	<1.6																				
				18.1	33.6	8.21	89.10	6.62	6.63	2.4	2.4	2.2	5.0	<1.6																					
Bottom	6.3	18.1	33.6	33.6	8.20	8.22	87.80	87.60	6.52	6.50	2.9	2.8	3.5	3.6	6.50	5.0	5.0	3.5	3.6	5.0	5.0	5.0	5.0	5.0	<1.6	1.6									
	18.0	33.6	8.23	86.70	6.44	6.50	2.8	2.8	3.9	5.0	<1.6																								
18.1	33.6	8.23	88.30	6.55	6.50	2.8	2.8	3.5	5.0	<1.6																									
22-Jan-19	Fine	Moderate	3:15	Surface	1	17.9	17.9	32.5	32.5	8.19	8.19	91.20	90.90	6.62	6.60	6.62	2.1	2.2	2.42	2.3	2.3	2.90	4.0	4.3	4.44	<1.6	1.6	1.60							
					17.9	32.5		8.19		91.00		6.61		6.60			2.2			2.2			2.4			5.0			<1.6						
				17.9	32.4	8.18		90.50		6.58		6.60		2.3			2.3			4.0			<1.6												
				Middle	3.8	17.8	32.7	32.7	8.20	8.20	91.70	91.47	6.64	6.63	2.5		2.5	2.42		2.3	2.5		2.90	2.3		2.5	2.7		5.0	4.3	4.44	<1.6	1.6		
					17.8	32.7	8.20	91.20	6.61	6.63	2.6	2.5	2.3	4.0	<1.6																				
				17.8	32.7	8.20	91.50	6.63	6.63	2.5	2.5	2.9	4.0	<1.6																					
Bottom	6.6	17.8	32.7	32.7	8.20	8.21	90.90	91.03	6.59	6.60	2.6	2.5	6.60	6.60	2.6	2.4	2.5	4.1	3.9	5.0	4.0	4.7	5.0	4.0	4.7	<1.6	1.6								
	17.8	32.7	8.22	91.10	6.61	6.60	2.4	2.5	4.0	5.0	<1.6																								
17.8	32.7	8.22	91.10	6.60	6.60	2.6	2.6	4.0	5.0	<1.6																									
24-Jan-19	Fine	Moderate	3:14	Surface	1	18.4	18.4	31.9	31.9	8.01	8.01	91.80	91.73	7.13	7.12	7.12	2.2	2.1	2.30	5.7	5.1	5.32	8.0	8.0	8.00	<1.6	1.6	1.60							
					18.4	31.9		8.01		91.60		7.12		7.12			2.0			2.0			4.5			8.0			<1.6						
				18.4	31.9	8.01		91.80		7.12		7.12		2.2			2.1			5.0			8.0			<1.6									
				Middle	3.9	18.3	31.9	31.9	8.01	8.01	91.50	91.53	7.12	7.12	2.3		2.3	2.30		2.4	2.3		5.32	6.2		6.1	5.32		8.0	8.0	8.00	<1.6	1.6		
					18.3	31.9	8.01	91.60	7.12	7.12	2.4	2.3	6.2	8.0	<1.6																				
				18.3	31.9	8.01	91.50	7.12	7.12	2.3	2.3	6.5	8.0	<1.6																					
Bottom	6.7	18.3	31.9	31.8	8.01	8.01	91.40	91.43	7.11	7.11	2.5	2.4	7.11	7.11	2.5	2.4	4.9	4.8	5.32	8.0	8.0	8.00	<1.6	1.6											
	18.3	31.8	8.01	91.50	7.11	7.11	2.3	2.3	4.3	8.0	<1.6																								
18.3	31.8	8.01	91.50	7.11	7.11	2.3	2.3	4.3	8.0	<1.6																									
26-Jan-19	Fine	Moderate	5:19	Surface	1	18.5	18.5	32.0	32.0	8.04	8.04	90.30	90.27	7.04	7.04	7.06	2.3	2.4	2.61	4.4	4.4	4.93	7.0	7.0	7.00	<1.6	1.6	1.60							
					18.5	32.0		8.04		90.20		7.03		7.04			2.3			2.3			4.3			7.0			<1.6						
				18.5	32.0	8.05		90.30		7.04		7.04		2.5			2.5			4.6			7.0			<1.6									
				Middle	4.0	18.4	32.0	32.0	8.07	8.07	90.70	90.77	7.08	7.07	2.7		2.6	7.06		2.7	2.6		4.93	4.1		4.7	4.93		7.0	7.0	7.00	<1.6	1.6		
					18.4	32.0	8.07	90.70	7.06	7.07	2.7	2.6	4.4	7.0	<1.6																				
				18.4	32.1	8.08	90.70	7.08	7.07	2.8	2.8	4.2	7.0	<1.6																					
Bottom	7.0	18.4	32.1	32.1	8.08	8.08	90.20	90.33	7.03	7.05	2.8	2.8	7.05	2.8	2.8	4.93	5.1	5.7	4.93	7.0	7.0	7.00	<1.6	1.6											
	18.4	32.1	8.09	90.10	7.03	7.05	2.9	2.8	5.2	7.0	<1.6																								
18.4	32.1	8.09	90.10	7.03	7.05	2.9	2.8	5.2	7.0	<1.6																									
29-Jan-19	Cloudy	Moderate	20:06	Surface	1	18.4	18.4	32.6	32.6	8.16	8.14	100.60	99.43	6.87	6.79	6.77	2.2	2.2	2.43	2.8	2.5	2.56	5.0	5.0	4.67	<1.6	1.6	1.60							
					18.4	32.6		8.14		99.00		6.76		6.76			2.3			2.3			2.0			5.0			<1.6						
				18.4	32.6	8.15		99.00		6.75		6.76		2.5			2.5			2.3			5.0			<1.6									
				Middle	3.8	18.4	32.6	32.6	8.17	8.15	99.70	99.10	6.80	6.76	2.6		2.5	7.06		2.6	2.5		2.43	2.4		2.3	2.56		5.0	4.7	4.67	<1.6	1.6		
					18.3	32.6	8.13	98.60	6.72	6.76	2.5	2.5	2.1	4.0	<1.6																				
				18.4	32.6	8.15	98.90	6.75	6.76	2.6	2.5	2.4	4.0	<1.6																					
Bottom	6.4	18.4	32.6	32.6	8.15	8.15	98.90	98.97	6.75	6.75	2.6	2.5	7.05	2.6	2.5	2.43	3.4	2.9	2.56	5.0	4.3	4.67	<1.6	1.6											
	18.4	32.6	8.18	99.50	6.79	6.75	2.5	2.5	2.8	4.0	<1.6																								
18.4	32.6	8.18	99.50	6.79	6.75	2.5	2.5	2.8	4.0	<1.6																									
31-Jan-19	Fine	Moderate	21:23	Surface	1	18.6	18.6	31.9	31.9	8.03	8.03	90.40	90.37	6.85	6.85	6.84	1.9	1.9	2.17	2.1	1.8	2.09	5.0	5.0	4.89	<1.6	1.6	1.60							
					18.6	31.9		8.03		90.30		6.84		6.85			1.9			1.8			1.4			5.0			<1.6						
				18.6	31.9	8.03		90.40		6.85		6.85		1.8			1.8			1.4			5.0			<1.6									
				Middle	3.9	18.6	31.9	31.9	8.03	8.04	90.10	90.20	6.84	6.84	2.1		2.0	2.17		2.1	2.0		2.17	1.6		1.7	2.09		5.0	5.0	4.89	<1.6	1.6		
					18.6	31.9	8.04	90.20	6.84	6.84	2.0	2.0	2.2	5.0	<1.6																				
				18.6	31.9	8.04	90.30	6.84	6.84	2.0	2.0	2.2	5.0	<1.6																					
Bottom	6.8	18.6	31.9	31.9	8.04	8.04	90.00	89.97	6.82	6.82	2.7	2.6	6.82	2.7	2.6	2.17	3.2	2.7	2.17	5.0	4.7	4.89	<1.6	1.6											
	18.6	31.9	8.04	90.00	6.83	6.82	2.5	2.5	2.8	5.0	<1.6																								
18.6	31.9	8.04	89.90	6.82	6.82	2.6	2.6	2.2	4.0	<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	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
3-Jan-19	Cloudy	Moderate	4:07	Surface	1	17.8	17.8	33.7	33.7	8.19	8.20	77.90	78.80	5.57	5.65	5.64	2.7	2.7	2.7	2.9	2.4	2.9	5.0	5.0	5.0	5.0	5.0	4.44	<1.6	1.6	1.6	
						17.8		8.20		80.00		5.73		2.8			2.0			2.0			2.0			4.0			<1.6			
						17.8		8.20		78.60		5.63		2.8			2.0			2.0			4.0			<1.6						
				Middle	3.9	17.8	17.8	33.7	33.7	8.20	8.21	78.10	78.70	5.59	5.63	5.63	5.63	2.8	2.8	2.8	2.0	1.9	2.28	4.0	4.0	4.0	4.0	4.0	4.44	<1.6	1.6	1.6
						17.8		8.20		78.60		5.63		2.8		2.0		2.0			4.0			<1.6								
						17.8		8.20		79.30		5.68		2.8		2.0		2.0			4.0			<1.6								
				Bottom	6.8	17.8	17.8	33.7	33.7	8.20	8.23	78.10	78.60	5.59	5.63	5.63	5.63	2.7	2.8	2.8	2.3	2.5	2.6	4.0	4.0	4.0	4.0	4.0	4.44	<1.6	1.6	1.6
						17.8		8.20		78.40		5.61		2.8		2.0		2.0			4.0			<1.6								
						17.8		8.20		78.40		5.61		2.8		2.0		2.0			4.0			<1.6								
5-Jan-19	Sunny	Calm	5:46	Surface	1	18.9	18.9	33.1	33.1	8.06	8.07	93.00	93.00	7.28	7.28	7.28	2.0	2.0	2.0	2.4	2.5	2.7	4.0	4.0	4.0	4.0	4.0	4.11	<1.6	1.6	1.6	
						18.9		8.07		93.10		7.29		1.9			2.3			2.3			4.0			<1.6						
						19.0		8.06		92.50		7.24		2.2			2.2			2.2			4.0			<1.6						
				Middle	4.0	19.0	19.0	33.2	33.2	8.06	8.06	92.70	92.67	7.25	7.25	7.25	7.25	2.2	2.2	2.2	2.4	2.6	2.96	4.0	4.0	4.0	4.3	4.3	4.11	<1.6	1.6	1.6
						19.0		8.06		92.80		7.26		2.3		3.1		3.1			5.0			<1.6								
						19.0		8.06		92.60		7.23		2.2		3.9		3.9			4.0			<1.6								
				Bottom	6.8	19.0	19.0	33.2	33.2	8.06	8.06	92.70	92.70	7.24	7.24	7.24	7.24	2.2	2.5	2.4	3.8	3.8	3.6	4.0	4.0	4.0	4.0	4.0	4.11	<1.6	1.6	1.6
						19.0		8.05		92.80		7.25		2.4		3.6		3.6			4.0			<1.6								
						19.0		8.05		92.80		7.25		2.4		3.6		3.6			4.0			<1.6								
8-Jan-19	Fine	Moderate	7:37	Surface	1	18.3	18.3	33.7	33.7	8.32	8.32	96.10	96.37	7.38	7.40	7.40	1.6	1.6	1.6	3.3	3.6	4.2	6.0	6.0	6.0	6.0	6.0	6.11	<1.6	1.6	1.6	
						18.3		8.31		96.80		7.43		1.7			3.2			3.2			6.0			<1.6						
						18.3		8.34		96.20		7.38		1.7			4.0			4.0			6.0			<1.6						
				Middle	3.8	18.3	18.3	33.7	33.7	8.31	8.33	92.30	92.60	7.09	7.11	7.11	7.11	1.8	1.8	1.8	4.0	3.9	3.62	6.0	6.0	6.0	6.3	6.3	6.11	<1.6	1.6	1.6
						18.3		8.33		92.60		7.10		1.8		4.2		4.2			7.0			<1.6								
						18.3		8.35		92.90		7.13		1.7		7.0		7.0			6.0			<1.6								
				Bottom	6.6	18.3	18.3	33.7	33.7	8.33	8.34	93.00	92.87	7.14	7.13	7.13	7.13	1.9	1.8	1.8	3.2	3.4	3.6	6.0	6.0	6.0	6.0	6.0	6.11	<1.6	1.6	1.6
						18.3		8.37		93.20		7.15		1.8		3.9		3.9			6.0			<1.6								
						18.3		8.31		92.40		7.09		1.8		3.2		3.2			6.0			<1.6								
10-Jan-19	Sunny	Moderate	8:49	Surface	1	18.5	18.5	33.4	33.4	8.37	8.37	95.00	95.73	7.29	7.34	7.34	2.0	2.1	2.1	1.0	1.1	1.2	6.0	6.0	6.0	6.0	6.0	5.89	<1.6	1.6	1.6	
						18.5		8.36		94.80		7.27		2.1			1.1			1.1			6.0			<1.6						
						18.5		8.36		97.40		7.46		2.2			1.4			1.4			6.0			<1.6						
				Middle	4.0	18.4	18.4	33.4	33.4	8.36	8.38	90.30	90.73	6.94	6.97	6.97	6.97	2.4	2.5	2.5	1.4	1.3	1.40	6.0	6.0	6.0	6.0	6.0	5.89	<1.6	1.6	1.6
						18.4		8.40		91.30		7.01		2.5		1.1		1.1			6.0			<1.6								
						18.5		8.40		90.60		6.96		2.5		1.7		1.7			6.0			<1.6								
				Bottom	6.9	18.5	18.5	33.4	33.4	8.38	8.39	92.10	91.30	7.07	7.01	7.01	7.01	2.5	2.6	2.5	2.0	1.8	1.8	6.0	6.0	6.0	5.7	5.7	5.89	<1.6	1.6	1.6
						18.5		8.42		91.30		7.02		2.6		1.7		1.7			6.0			<1.6								
						18.5		8.36		90.50		6.95		2.3		1.8		1.8			5.0			<1.6								
12-Jan-19	Sunny	Moderate	10:07	Surface	1	18.5	18.5	33.0	33.0	8.12	8.12	99.80	100.23	6.85	6.88	6.88	2.3	2.3	2.3	7.6	7.7	7.3	5.0	5.0	5.0	5.0	5.0	5.00	<1.6	1.6	1.6	
						18.5		8.11		99.50		6.82		2.3			8.1			8.1			5.0			<1.6						
						18.4		8.15		100.50		6.89		2.6			8.2			8.2			5.0			<1.6						
				Middle	3.8	18.4	18.4	33.0	33.0	8.11	8.13	99.40	99.90	6.81	6.85	6.85	6.85	2.5	2.5	2.5	8.1	8.4	8.22	5.0	5.0	5.0	5.0	5.0	5.00	<1.6	1.6	1.6
						18.4		8.13		99.80		6.84		2.5		8.8		8.8			5.0			<1.6								
						18.4		8.13		99.70		6.84		2.5		8.4		8.4			5.0			<1.6								
				Bottom	6.4	18.4	18.4	33.0	33.0	8.13	8.13	99.70	99.77	6.84	6.84	6.84	6.84	2.5	2.5	2.6	8.4	8.6	8.22	5.0	5.0	5.0	5.0	5.0	5.00	<1.6	1.6	1.6
						18.5		8.11		99.30		6.81		2.5		9.0		9.0			5.0			<1.6								
						18.4		8.16		100.30		6.88		2.7		8.5		8.5			5.0			<1.6								
15-Jan-19	Sunny	Calm	12:08	Surface	1	18.8	18.8	32.3	32.3	8.01	8.00	92.70	92.70	7.12	7.12	7.12	2.5	2.5	2.5	1.5	1.4	1.8	6.0	6.0	6.0	6.0	6.0	6.11	<1.6	1.6	1.6	
						18.8		8.00		92.70		7.12		2.5			1.8			1.8			6.0			<1.6						
						18.8		8.00		92.50		7.11		2.7			1.6			1.6			6.0			<1.6						
				Middle	3.8	18.8	18.8	32.3	32.3	8.00	8.00	92.60	92.50	7.11	7.11	7.11	7.11	2.6	2.6	2.6	1.8	1.5	1.34	6.0	6.0	6.0	6.0	6.0	6.11	<1.6	1.6	1.6
						18.8		8.00		92.40		7.10		2.6		1.2		1.2			6.0			<1.6								
						18.8		8.00		92.50		7.10		2.6		1.1		1.1			6.0			<1.6								
				Bottom	6.6	18.8	18.8	32.3	32.3	8.00	8.00	92.30	92.43	7.09	7.10	7.10	7.10	2.6	2.7	2.7	0.9	1.1	1.2	6.0	6.0	6.0	6.3	6.3	6.11	<1.6	1.6	1.6
						18.8		8.01		92.50		7.10		2.6		1.2		1.2			6.0			<1.6								
						18.8		8.01		92.50		7.10		2.7		1.2		1.2			6.0			<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*		
17-Jan-19	Sunny	Moderate	13:33	Surface	1	18.3	18.4	33.6	33.6	8.23	8.22	8.22	8.22	87.40	86.63	6.73	6.68	2.6	2.6	6.66	1.6	1.8	2.18	2.0	1.3	1.22	<1.6	1.6	1.60	
						18.5		33.6		8.22		86.40		6.67		2.6		1.0			<1.6									
						18.5		33.5		8.21		86.10		6.64		2.7		1.0			<1.6									
				Middle	3.7	18.2	18.2	33.6	33.6	8.22	8.22	85.20	86.40	6.54	6.64	2.7	2.7	2.76	1.7	1.6	2.18	1.0	1.0	1.0	1.0	1.0	1.0	<1.6	1.6	1.60
						18.3		33.6		8.22		86.80		6.66		2.8			1.0			<1.6								
						18.2		33.6		8.23		87.20		6.73		2.6			1.0			<1.6								
Bottom	6.4	18.1	18.2	33.5	33.5	8.22	8.22	81.40	83.27	6.30	6.43	2.9	2.9	6.43	2.9	3.1	2.18	1.0	1.0	1.0	1.0	1.0	1.0	<1.6	1.6	1.60				
		18.2		33.5		8.23		83.30		6.43		3.0			1.0			<1.6												
		18.2		33.5		8.22		85.10		6.57		2.9			2.0			<1.6												
19-Jan-19	Fine	Moderate	17:05	Surface	1	17.8	17.8	33.5	33.5	8.26	8.27	8.27	8.27	92.40	92.53	6.93	6.94	6.95	1.3	1.3	1.47	3.0	3.0	2.70	5.0	5.0	5.67	<1.6	1.6	1.60
						17.9		33.5		8.27		92.70		6.95		1.2			5.0			<1.6								
						17.9		33.5		8.27		92.50		6.94		1.3			5.0			<1.6								
				Middle	3.7	17.9	17.9	33.6	33.6	8.27	8.27	92.60	92.77	6.94	6.95	1.5	1.5	1.5	1.5	2.9	2.70	5.0	6.0	6.0	5.0	5.7	5.0	<1.6	1.6	1.60
						17.9		33.6		8.27		93.10		6.98		1.4			6.0			<1.6								
						17.9		33.6		8.28		92.60		6.94		1.5			6.0			<1.6								
Bottom	6.5	17.9	17.9	33.6	33.6	8.29	8.28	90.90	91.37	6.81	6.84	1.6	1.7	6.84	1.7	2.3	2.70	6.0	6.0	6.0	6.0	6.3	6.0	<1.6	1.6	1.60				
		17.9		33.6		8.27		91.60		6.86		1.7			6.0			<1.6												
		17.9		33.6		8.27		91.60		6.86		1.7			7.0			<1.6												
22-Jan-19	Fine	Moderate	6:40	Surface	1	17.9	17.9	32.6	32.6	8.20	8.20	8.20	8.20	95.50	95.63	6.93	6.95	6.95	1.9	2.0	2.13	2.4	2.6	2.68	4.0	4.0	4.22	<1.6	1.6	1.60
						17.9		32.6		8.20		95.90		6.97		1.9			4.0			<1.6								
						17.9		32.6		8.21		95.50		6.94		2.1			4.0			<1.6								
				Middle	3.8	17.9	17.9	32.6	32.6	8.20	8.21	93.70	93.83	6.80	6.81	2.0	1.9	1.9	1.9	3.3	2.68	4.0	5.0	5.0	4.0	4.3	4.0	<1.6	1.6	1.60
						17.9		32.6		8.21		93.60		6.79		1.9			5.0			<1.6								
						17.9		32.6		8.22		94.20		6.84		1.9			4.0			<1.6								
Bottom	6.6	17.9	17.9	32.6	32.6	8.23	8.21	94.50	93.97	6.86	6.82	2.4	2.5	6.82	2.5	2.1	2.68	5.0	4.0	4.0	4.0	4.3	4.0	<1.6	1.6	1.60				
		17.9		32.6		8.21		93.80		6.81		2.6			4.0			<1.6												
		17.9		32.6		8.20		93.60		6.79		2.5			4.0			<1.6												
24-Jan-19	Sunny	Moderate	8:23	Surface	1	18.4	18.4	31.9	31.9	8.01	8.01	8.01	8.01	91.80	91.80	7.13	7.13	7.13	2.2	2.2	7.12	5.2	4.3	4.63	9.0	8.0	8.56	<1.6	1.6	1.60
						18.4		31.9		8.01		91.80		7.13		2.3			9.0			<1.6								
						18.4		31.9		8.01		91.80		7.13		2.2			8.0			<1.6								
				Middle	3.8	18.3	18.3	31.9	31.9	8.01	8.01	91.50	91.57	7.11	7.12	2.5	2.5	7.12	2.5	4.3	4.63	8.0	8.0	8.0	8.0	8.3	8.0	<1.6	1.6	1.60
						18.3		31.9		8.01		91.60		7.12		2.3			8.0			<1.6								
						18.4		31.9		8.01		91.60		7.12		2.6			9.0			<1.6								
Bottom	6.9	18.3	18.3	31.8	31.8	8.01	8.01	91.40	91.40	7.10	7.11	3.4	3.3	7.11	3.3	5.2	4.63	9.0	8.0	8.0	8.0	8.7	8.0	<1.6	1.6	1.60				
		18.3		31.8		8.01		91.40		7.11		3.2			8.0			<1.6												
		18.3		31.8		8.01		91.40		7.11		3.3			9.0			<1.6												
26-Jan-19	Fine	Moderate	9:09	Surface	1	18.6	18.6	31.9	31.9	8.02	8.02	8.02	8.02	89.50	89.50	6.98	6.98	6.98	2.2	2.3	6.99	5.5	5.6	5.56	7.0	7.0	7.44	<1.6	1.6	1.60
						18.6		32.0		8.02		89.70		6.99		2.3			7.0			<1.6								
						18.6		32.0		8.03		89.30		6.97		2.4			7.0			<1.6								
				Middle	4.1	18.5	18.5	32.0	32.0	8.04	8.04	89.90	89.77	7.02	7.00	2.7	2.6	7.00	2.6	5.9	5.56	7.0	8.0	8.0	7.0	7.7	7.0	<1.6	1.6	1.60
						18.5		32.0		8.04		89.90		6.98		2.6			8.0			<1.6								
						18.5		32.0		8.04		89.50		6.98		2.6			8.0			<1.6								
Bottom	7.2	18.5	18.5	32.0	32.0	8.04	8.04	89.50	89.50	6.99	6.98	2.8	2.9	6.98	2.9	5.2	5.56	8.0	7.0	7.0	7.0	7.7	8.0	<1.6	1.6	1.60				
		18.5		32.0		8.04		89.80		6.99		2.9			7.0			<1.6												
		18.5		32.0		8.04		89.20		6.96		2.9			8.0			<1.6												
29-Jan-19	Sunny	Moderate	14:08	Surface	1	18.6	18.6	32.3	32.3	8.15	8.15	8.15	8.15	98.20	98.23	6.56	6.56	6.56	2.5	2.5	6.54	4.3	4.1	3.77	4.0	4.0	4.22	<1.6	1.6	1.60
						18.6		32.3		8.15		98.30		6.56		2.4			4.0			<1.6								
						18.6		32.3		8.15		98.20		6.55		2.4			4.0			<1.6								
				Middle	3.8	18.5	18.5	32.3	32.3	8.14	8.14	97.80	97.67	6.53	6.52	2.5	2.5	6.52	2.5	3.3	3.77	5.0	4.0	4.0	4.0	4.3	4.0	<1.6	1.6	1.60
						18.5		32.3		8.14		97.60		6.52		2.4			4.0			<1.6								
						18.5		32.3		8.14		97.60		6.52		2.5			4.0			<1.6								
Bottom	6.6	18.5	18.5	32.3	32.3	8.14	8.14	97.40	97.37	6.50	6.50	2.4	2.4	6.50	2.4	3.9	3.77	4.0	4.0	4.0	4.0	4.3	4.0	<1.6	1.6	1.60				
		18.5		32.3		8.14		97.20		6.49		2.4			4.0			<1.6												
		18.5		32.3		8.14		97.50		6.51		2.5			5.0			<1.6												
31-Jan-19	Sunny	Moderate	15:43	Surface	1	18.6	18.6	31.9	31.9	8.03	8.04	8.04	8.04	90.30	90.30	6.85	6.85	6.85	2.0	1.9	6.85	3.4	2.9	2.18	5.0	5.0	5.00	<1.6	1.6	1.60
						18.6		31.9		8.04		90.30		6.85		1.9			5.0			<1.6								
						18.6		31.9		8.04		90.30		6.84		1.9			5.0			<1.6								
				Middle	3.9	18.6	18.6	31.9	31.9	8.04	8.04	90.30	90.27	6.85	6.85	1.9	2.0	6.85	2.1	1.9	2.18	5.0	5.0	5.0	5.0	5.0	5.0	<1.6	1.6	1.60
						18.6		31.9		8.04		90.30		6.85		2.1			5.0			<1.6								
						18.6		31.9		8.04		90.20		6.85		2.1			5.0			<1.6								
Bottom	6.6	18.6	18.6	31.9	31.9	8.04	8.04	90.10	90.03	6.83	6.83	2.2	2.3	6.83	2.2	1.7	2.18	5.0	5.0	5.0	5.0	5.0	5.0	<1.6	1.6	1.60				
		18.6		31.9		8.04		90.00		6.83		2.3			5.0			<1.6												
		18.6		31.9		8.04		90.00		6.83		2.4			5.0			<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*		
2-Jan-19	Cloudy	Moderate	22:34	Surface	1	17.7	17.7	33.7	33.7	8.27	8.27	80.50	81.83	5.80	5.90	5.87	3.0	3.1	3.11	1.5	1.7	1.59	5.0	5.0	4.78	<1.6	1.6	1.60		
						17.7		33.7		8.27		86.10		6.22			3.2			2.0			5.0			<1.6				
						17.7		33.7		8.27		78.90		5.69			3.1			1.5			5.0			<1.6				
				Middle	8.4	17.7	17.7	33.7	33.7	8.27	8.28	80.10	80.80	5.78	5.83	3.1	3.1	3.11	3.1	3.1	3.11	1.3	1.4	1.59	4.0	4.0	4.78	<1.6	1.6	1.60
						17.7		33.7		8.26		83.40		6.02		3.1			1.2			5.0			<1.6					
						17.7		33.7		8.26		81.80		5.91		3.1			1.9			5.0			<1.6					
				Bottom	15.6	17.6	17.6	33.7	33.7	8.26	8.27	79.50	80.03	5.74	5.78	3.1	3.1	3.11	1.6	1.7	1.59	1.2	1.7	1.59	5.0	5.0	4.78	<1.6	1.6	1.60
						17.6		33.7		8.30		78.80		5.69		3.2			1.7			5.0			<1.6					
						17.6		33.7		8.30		78.80		5.69		3.2			1.7			5.0			<1.6					
4-Jan-19	Sunny	Calm	23:44	Surface	1	18.7	18.7	33.1	33.0	8.05	8.05	94.20	94.13	7.21	7.21	7.19	3.2	3.0	3.1	3.1	3.4	3.41	4.0	4.0	4.00	<1.6	1.6	1.60		
						18.7		33.1		8.05		94.10		7.20			3.0			3.4			4.0			<1.6				
						18.7		32.9		8.05		94.10		7.21			3.0			3.8			4.0			<1.6				
				Middle	8.1	18.8	18.7	33.1	33.1	8.05	8.05	93.80	93.90	7.17	7.18	3.1	3.2	3.20	3.7	3.7	3.41	4.0	3.7	3.41	4.0	4.0	4.00	<1.6	1.6	1.60
						18.7		33.1		8.05		93.90		7.18		3.3			3.9			4.0			<1.6					
						18.7		33.1		8.05		94.00		7.19		3.3			3.4			4.0			<1.6					
				Bottom	15.1	18.7	18.7	33.1	33.1	8.05	8.05	94.00	93.93	7.18	7.18	3.4	3.3	3.3	3.1	3.1	3.3	4.0	3.1	3.3	4.0	4.0	4.00	<1.6	1.6	1.60
						18.8		33.2		8.05		93.90		7.17		3.2			2.9			4.0			<1.6					
						18.8		33.2		8.05		93.90		7.17		3.2			2.9			4.0			<1.6					
8-Jan-19	Fine	Moderate	1:21	Surface	1	18.3	18.3	33.7	33.8	8.28	8.28	91.80	92.03	7.04	7.06	7.01	1.9	1.9	1.97	2.9	2.8	3.31	6.0	6.0	6.00	<1.6	1.6	1.60		
						18.3		33.8		8.28		92.40		7.08			1.9			2.8			6.0			<1.6				
						18.3		33.8		8.29		91.90		7.05			1.9			2.6			6.0			<1.6				
				Middle	9.0	18.4	18.3	33.8	33.8	8.28	8.28	91.10	90.87	6.98	6.96	2.0	2.0	2.0	2.0	2.0	1.97	2.6	2.8	3.31	6.0	6.0	6.00	<1.6	1.6	1.60
						18.3		33.8		8.29		90.70		6.95		2.0			3.3			6.0			<1.6					
						18.3		33.8		8.29		90.70		6.95		2.0			3.3			6.0			<1.6					
				Bottom	17.1	18.4	18.3	33.8	33.8	8.28	8.28	91.00	91.10	6.97	6.98	1.9	2.0	2.0	4.3	4.3	3.31	6.0	4.3	3.31	6.0	6.0	6.00	<1.6	1.6	1.60
						18.4		33.8		8.28		91.30		6.99		2.1			4.5			6.0			<1.6					
						18.3		33.8		8.28		91.00		6.97		2.0			4.2			6.0			<1.6					
10-Jan-19	Fine	Moderate	3:24	Surface	1	18.5	18.5	33.4	33.4	8.33	8.33	88.90	88.70	6.83	6.82	6.81	2.7	2.6	2.72	1.5	1.1	1.53	6.0	6.0	6.00	<1.6	1.6	1.60		
						18.5		33.4		8.34		88.90		6.84			2.6			0.9			6.0			<1.6				
						18.5		33.4		8.34		88.30		6.80			2.5			0.9			6.0			<1.6				
				Middle	9.2	18.5	18.5	33.4	33.4	8.34	8.34	88.80	88.33	6.82	6.76	2.8	2.8	2.8	2.8	2.8	2.72	2.1	1.9	1.53	6.0	6.0	6.00	<1.6	1.6	1.60
						18.5		33.4		8.35		88.40		6.80		2.8			1.8			6.0			<1.6					
						18.5		33.4		8.35		88.40		6.80		2.8			1.8			6.0			<1.6					
				Bottom	17.4	18.5	18.5	33.4	33.4	8.34	8.34	88.20	88.07	6.79	6.77	2.9	2.7	2.8	2.9	2.7	2.8	1.3	1.6	1.53	6.0	6.0	6.00	<1.6	1.6	1.60
						18.5		33.4		8.34		88.00		6.77		1.5			1.5			6.0			<1.6					
						18.5		33.4		8.33		88.00		6.77		2.0			2.0			6.0			<1.6					
12-Jan-19	Cloudy	Moderate	2:38	Surface	1	18.2	18.2	32.7	32.7	8.19	8.19	98.10	98.63	6.58	6.62	6.61	1.8	1.9	2.31	5.4	5.6	5.43	5.0	5.0	5.33	<1.6	1.6	1.60		
						18.2		32.7		8.19		99.30		6.66			1.9			5.9			6.0			<1.6				
						18.2		32.7		8.19		96.50		6.61			1.8			5.6			6.0			<1.6				
				Middle	8.5	18.2	18.2	32.9	32.8	8.17	8.17	98.40	98.43	6.60	6.62	2.5	2.4	2.4	2.4	2.4	2.31	5.5	5.2	5.43	6.0	5.0	5.33	<1.6	1.6	1.60
						18.2		32.8		8.18		98.80		6.62		2.4			5.3			6.0			<1.6					
						18.2		32.9		8.17		96.10		6.57		2.4			4.9			6.0			<1.6					
				Bottom	16.1	18.2	18.2	32.9	32.9	8.17	8.17	97.30	97.07	6.52	6.50	2.6	2.7	2.7	2.6	2.7	2.31	5.7	5.4	5.43	6.0	5.0	5.33	<1.6	1.6	1.60
						18.2		32.9		8.17		97.00		6.50		2.7			5.4			6.0			<1.6					
						18.2		32.9		8.17		96.90		6.49		2.7			5.2			6.0			<1.6					
15-Jan-19	Sunny	Calm	4:51	Surface	1	18.8	18.8	32.3	32.3	7.97	7.97	92.40	92.47	7.10	7.10	7.10	2.2	2.1	2.14	1.0	1.3	1.31	6.0	6.0	6.11	<1.6	1.6	1.60		
						18.8		32.3		7.97		92.50		7.11			1.1			1.1			6.0			<1.6				
						18.8		32.3		7.98		92.50		7.10			2.1			1.7			6.0			<1.6				
				Middle	8.0	18.8	18.8	32.3	32.3	7.98	7.97	92.40	92.33	7.09	7.09	2.1	2.1	2.1	2.1	2.1	2.14	1.4	1.2	1.31	6.0	6.0	6.11	<1.6	1.6	1.60
						18.8		32.3		7.97		92.40		7.09		2.1			1.2			6.0			<1.6					
						18.8		32.3		7.97		92.20		7.08		2.2			1.1			6.0			<1.6					
				Bottom	15.1	18.8	18.8	32.3	32.3	7.97	7.97	92.10	92.17	7.07	7.08	2.2	2.2	2.2	2.2	2.2	2.14	1.5	1.4	1.31	6.0	6.0	6.11	<1.6	1.6	1.60
						18.8		32.3		7.97		92.10		7.08		2.2			1.6			6.0			<1.6					
						18.8		32.3		7.98		92.30		7.08		2.1			1.2			7.0			<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*		
17-Jan-19	Fine	Moderate	21:30	Surface	1	18.5	18.5	33.6	33.6	8.25	8.25	93.60	92.80	7.17	7.11	7.11	1.7	1.9	2.17	1.1	1.2	1.29	8.0	8.0	7.89	<1.6	1.6	1.60	
						18.5		33.6		8.25		92.80		7.11			1.8			1.3			8.0			<1.6			
						18.5		33.6		8.25		92.80		7.11			1.3			1.3			8.0			<1.6			
				Middle	8.8	18.4	18.3	33.6	33.6	8.26	8.25	93.50	92.47	7.19	7.10	7.12	2.2	2.2	2.17	0.6	1.0	1.29	8.0	8.0	7.7	7.89	<1.6	1.6	1.60
						18.4		33.6		8.25		92.40		7.10			2.2			1.2			8.0			<1.6			
						18.2		33.6		8.25		91.50		7.06			2.3			1.2			7.0			<1.6			
Bottom	16.4	18.3	18.3	33.5	33.5	8.25	8.26	92.00	92.77	7.08	7.14	7.14	2.3	2.4	2.17	1.4	1.6	2.17	8.0	8.0	8.0	7.89	<1.6	1.6	1.60				
		18.3		33.5		8.25		93.80		7.23			2.4			1.7			8.0			<1.6							
		18.3		33.5		8.25		92.50		7.12			2.5			1.8			8.0			<1.6							
19-Jan-19	Fine	Moderate	23:48	Surface	1	18.2	18.2	33.6	33.6	8.27	8.25	94.30	95.17	6.99	7.06	7.06	2.6	2.6	2.82	2.4	2.2	2.16	5.0	5.0	5.00	<1.6	1.6	1.60	
						18.2		33.6		8.24		94.20		6.99			2.7			2.0			5.0			<1.6			
						18.2		33.6		8.24		97.00		7.19			2.5			2.1			5.0			<1.6			
				Middle	8.8	18.0	18.1	33.6	33.6	8.27	8.25	91.80	92.40	6.84	6.88	6.88	3.0	2.9	2.82	2.1	2.0	2.16	5.0	5.0	5.0	5.00	<1.6	1.6	1.60
						18.1		33.6		8.25		92.20		6.86			2.8			1.5			5.0			<1.6			
						18.1		33.6		8.24		93.20		6.94			3.0			2.4			5.0			<1.6			
Bottom	16.4	18.0	18.0	33.6	33.6	8.26	8.25	92.10	92.57	6.85	6.89	6.89	2.8	2.9	2.82	2.5	2.3	2.82	5.0	5.0	5.0	5.0	<1.6	1.6	1.60				
		18.1		33.5		8.25		92.60		6.89			3.0			2.1			5.0			<1.6							
		18.0		33.6		8.25		93.00		6.93			3.0			2.3			5.0			<1.6							
22-Jan-19	Fine	Moderate	1:51	Surface	1	17.8	17.8	32.6	32.6	8.18	8.18	92.80	92.87	6.73	6.74	6.74	2.9	2.9	3.32	2.4	2.6	2.71	4.0	4.7	4.78	<1.6	1.6	1.60	
						17.8		32.7		8.19		92.80		6.73			2.8			2.9			5.0			<1.6			
						17.8		32.7		8.18		93.00		6.75			3.0			2.4			5.0			<1.6			
				Middle	8.8	17.8	17.8	32.7	32.7	8.18	8.18	92.70	92.47	6.72	6.70	6.70	3.4	3.3	3.32	1.8	2.1	2.71	5.0	5.0	5.0	4.78	<1.6	1.6	1.60
						17.8		32.7		8.19		92.40		6.70			3.2			2.4			5.0			<1.6			
						17.8		32.7		8.19		92.30		6.69			3.2			2.2			5.0			<1.6			
Bottom	16.5	17.8	17.8	32.7	32.7	8.18	8.19	92.50	92.63	6.70	6.71	6.71	3.7	3.8	3.32	3.0	3.4	2.71	5.0	4.0	4.7	4.78	<1.6	1.6	1.60				
		17.8		32.7		8.19		92.50		6.70			3.7			3.5			4.0			<1.6							
		17.8		32.7		8.19		92.90		6.73			4.0			3.8			5.0			<1.6							
24-Jan-19	Fine	Moderate	1:58	Surface	1	18.4	18.4	31.9	31.9	8.01	8.01	92.00	91.90	7.14	7.14	7.14	2.2	2.1	2.47	3.7	4.0	4.78	9.0	8.3	8.22	<1.6	1.6	1.60	
						18.4		31.9		8.01		91.80		7.13			2.0			4.0			8.0			<1.6			
						18.4		31.9		8.01		91.90		7.14			2.2			4.2			8.0			<1.6			
				Middle	8.6	18.3	18.3	31.9	31.9	8.01	8.02	91.60	91.50	7.13	7.12	7.12	2.5	2.5	2.47	4.6	4.9	4.78	8.0	8.0	8.0	8.22	<1.6	1.6	1.60
						18.3		31.9		8.02		91.50		7.12			2.4			4.6			8.0			<1.6			
						18.3		31.9		8.02		91.40		7.11			2.5			5.6			8.0			<1.6			
Bottom	16.2	18.3	18.3	31.9	31.9	8.02	8.02	91.50	91.53	7.11	7.12	7.12	2.8	2.8	2.47	4.4	5.4	4.78	9.0	8.0	8.3	8.22	<1.6	1.6	1.60				
		18.3		31.9		8.01		91.60		7.12			2.7			6.5			8.0			<1.6							
		18.3		31.9		8.02		91.50		7.12			2.9			5.4			8.0			<1.6							
26-Jan-19	Fine	Moderate	3:46	Surface	1	18.5	18.5	32.0	32.0	8.01	8.01	91.60	91.87	7.12	7.14	7.14	2.6	2.6	2.89	5.3	4.9	5.31	6.0	6.0	6.67	<1.6	1.6	1.60	
						18.5		32.0		8.02		92.00		7.15			2.7			4.9			6.0			<1.6			
						18.5		32.0		8.01		92.00		7.15			2.4			6.0			<1.6						
				Middle	8.8	18.4	18.4	32.1	32.1	8.05	8.04	90.90	90.93	7.09	7.09	7.09	2.9	2.9	2.89	4.7	4.7	5.31	7.0	7.0	7.0	6.67	<1.6	1.6	1.60
						18.4		32.1		8.04		91.10		7.10			3.0			4.8			7.0			<1.6			
						18.4		32.1		8.05		90.30		7.05			3.2			4.8			7.0			<1.6			
Bottom	16.6	18.4	18.4	32.1	32.1	8.05	8.05	90.40	90.50	7.05	7.06	7.06	3.2	3.2	2.89	6.5	6.3	5.31	7.0	7.0	7.0	6.67	<1.6	1.6	1.60				
		18.4		32.1		8.05		90.40		7.05			3.2			6.2			7.0			<1.6							
		18.4		32.1		8.05		90.80		7.08			3.2			6.3			7.0			<1.6							
29-Jan-19	Cloudy	Moderate	21:27	Surface	1	18.4	18.4	32.6	32.6	8.15	8.15	100.50	98.00	6.74	6.57	6.57	2.1	2.1	2.19	<0.5	0.5	1.26	4.0	4.3	4.33	<1.6	1.6	1.60	
						18.4		32.6		8.15		96.30		6.45			2.1			<0.5			5.0			<1.6			
						18.4		32.7		8.15		97.20		6.52			2.2			<0.5			4.0			<1.6			
				Middle	8.3	18.3	18.3	32.7	32.7	8.16	8.15	98.90	97.27	6.83	6.52	6.52	2.1	2.1	2.19	1.0	1.3	1.26	5.0	4.0	4.7	4.33	<1.6	1.6	1.60
						18.3		32.7		8.15		96.60		6.47			2.2			1.8			5.0			<1.6			
						18.3		32.7		8.15		96.60		6.47			2.2			1.8			5.0			<1.6			
Bottom	15.6	18.3	18.3	32.7	32.7	8.15	8.15	96.10	97.10	6.44	6.50	6.50	2.3	2.3	2.19	1.6	1.9	1.26	4.0	4.0	4.0	4.33	<1.6	1.6	1.60				
		18.3		32.7		8.16		98.70		6.60			2.3			2.2			4.0			<1.6							
		18.4		32.6		8.15		96.50		6.47			2.3			2.0			4.0			<1.6							
31-Jan-19	Fine	Moderate	22:50	Surface	1	18.6	18.6	31.9	31.9	8.03	8.03	90.70	90.70	6.87	6.87	6.87	1.8	1.8	1.98	1.2	1.7	2.13	5.0	4.7	4.89	<1.6	1.6	1.60	
						18.6		31.9		8.03		90.80		6.87			1.9			2.0			4.0			<1.6			
						18.7		31.9		8.03		90.60		6.87			1.8			2.0			5.0			<1.6			
				Middle	8.8	18.6	18.6	31.9	31.9	8.04	8.04	90.80	90.60	6.88	6.87	6.87	2.0	1.9	1.98	2.9	2.4	2.13	5.0	5.0	5.0	4.89	<1.6	1.6	1.60
						18.6		31.9		8.04		90.50		6.86			1.8			2.2			5.0			<1.6			
						18.6		31.9		8.04		90.50		6.87			2.0			2.2			5.0			<1.6			
Bottom	16.6	18.6	18.6	31.9	31.9	8.04	8.04	90.30	90.40	6.85	6.86	6.86	2.2	2.2	1.98	2.4	2.2	2.13	5.0	5.0	5.0	4.89	<1.6	1.6	1.60				
		18.6		31.9		8.04		90.30		6.85			2.2			2.3			5.0			<1.6							
		18.6		31.9		8.04		90.60		6.87			2.1			2.0			5.0			<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*
3-Jan-19	Cloudy	Moderate	5:39	Surface	1	17.8	17.8	33.7	33.7	8.17	8.17	81.50	83.90	5.87	6.05	6.01	2.7	2.6	2.63	1.8	1.6	1.44	4.0	4.0	4.22	<1.6	1.6	1.60
						17.8		33.7		8.17		82.80		5.97			2.5			1.7			4.0			<1.6		
						17.8		33.7		8.18		87.40		6.31			2.7			1.3			4.0			<1.6		
				Middle	8.0	17.8	33.7	8.21	85.40	6.16	2.7	1.6	4.0	<1.6														
						17.8	33.7	8.17	81.10	5.84	2.7	1.4	4.0	<1.6														
						17.8	33.7	8.18	82.20	5.93	2.6	1.9	5.0	<1.6														
Bottom	15.0	17.8	33.8	8.22	83.80	6.04	2.6	4.0	<1.6																			
		17.8	33.7	8.17	81.00	5.84	2.6	1.3	4.0	<1.6																		
		17.8	33.7	8.18	82.00	5.91	2.6	1.0	5.0	<1.6																		
5-Jan-19	Sunny	Calm	7:10	Surface	1	18.8	18.8	33.1	33.1	8.08	8.08	94.30	94.27	7.40	7.40	7.38	2.1	2.1	2.27	2.8	2.7	3.40	4.0	4.0	4.11	<1.6	1.6	1.60
						18.8		33.1		8.08		94.20		7.40			2.1			2.6			4.0			<1.6		
						18.8		33.1		8.08		94.30		7.40			2.0			2.6			4.0			<1.6		
				Middle	8.7	18.8	33.1	8.08	94.00	7.37	2.3	4.0	<1.6															
						18.8	33.1	8.08	93.90	7.37	2.4	3.2	4.0	<1.6														
						18.8	33.1	8.07	93.80	7.36	2.3	3.1	4.0	<1.6														
Bottom	16.2	18.9	33.1	8.07	93.80	7.35	2.4	4.0	<1.6																			
		18.9	33.1	8.07	93.90	7.36	2.5	4.2	4.0	<1.6																		
		18.9	33.1	8.07	93.90	7.36	2.3	4.2	4.0	<1.6																		
8-Jan-19	Fine	Moderate	8:57	Surface	1	18.3	18.3	33.7	33.7	8.32	8.31	91.70	91.80	7.03	7.04	7.03	1.6	1.6	1.82	3.4	3.2	2.87	6.0	6.0	6.00	<1.6	1.6	1.60
						18.3		33.7		8.31		91.90		7.05			1.7			3.2			6.0			<1.6		
						18.3		33.7		8.31		91.80		7.05			1.6			3.1			6.0			<1.6		
				Middle	9.1	18.3	33.8	8.31	91.70	7.03	1.7	6.0	<1.6															
						18.3	33.8	8.31	91.40	7.01	1.9	6.0	<1.6															
						18.3	33.8	8.33	91.40	7.01	1.8	2.6	6.0	<1.6														
Bottom	17.2	18.3	33.8	8.34	91.50	7.02	2.0	6.0	<1.6																			
		18.3	33.8	8.31	91.60	7.02	2.0	2.2	6.0	<1.6																		
		18.3	33.7	8.31	91.50	7.02	2.1	2.5	6.0	<1.6																		
10-Jan-19	Sunny	Moderate	10:07	Surface	1	18.5	18.5	33.4	33.4	8.37	8.36	88.70	88.90	6.82	6.83	6.82	1.8	1.7	2.02	1.5	1.4	1.43	6.0	6.0	6.11	<1.6	1.6	1.60
						18.5		33.4		8.36		89.00		6.84			1.7			1.4			7.0			<1.6		
						18.5		33.4		8.36		89.00		6.84			1.6			1.3			6.0			<1.6		
				Middle	9.2	18.5	33.4	8.36	88.40	6.80	2.1	6.0	<1.6															
						18.5	33.4	8.36	88.40	6.80	2.2	1.6	6.0	<1.6														
						18.5	33.4	8.37	88.80	6.83	2.1	1.3	6.0	<1.6														
Bottom	17.3	18.5	33.4	8.38	88.10	6.79	2.2	6.0	<1.6																			
		18.5	33.4	8.36	89.00	6.84	2.3	1.4	6.0	<1.6																		
		18.5	33.4	8.36	88.70	6.82	2.2	1.6	6.0	<1.6																		
12-Jan-19	Sunny	Moderate	11:33	Surface	1	18.5	18.5	33.1	33.1	8.09	8.09	99.70	97.90	6.72	6.60	6.57	2.1	2.1	2.18	10.0	9.5	8.63	6.0	5.0	5.22	<1.6	1.6	1.60
						18.5		33.1		8.09		97.20		6.55			2.2			8.9			5.0			<1.6		
						18.5		33.1		8.09		96.80		6.52			2.2			8.9			5.0			<1.6		
				Middle	8.5	18.5	33.1	8.10	98.20	6.62	2.2	5.0	<1.6															
						18.5	33.1	8.09	96.70	6.51	2.2	8.5	5.0	<1.6														
						18.5	33.1	8.09	96.80	6.52	2.2	9.0	5.0	<1.6														
Bottom	15.9	18.5	33.1	8.10	97.70	6.58	2.2	5.0	<1.6																			
		18.5	33.1	8.09	96.40	6.49	2.2	7.6	6.0	<1.6																		
		18.5	33.1	8.09	96.60	6.50	2.2	7.7	5.0	<1.6																		
15-Jan-19	Sunny	Calm	13:40	Surface	1	18.9	18.9	32.3	32.3	8.00	8.00	92.40	92.53	7.09	7.10	7.10	2.2	2.3	2.33	0.9	0.9	0.69	6.0	6.0	6.00	<1.6	1.6	1.60
						18.9		32.3		8.00		92.50		7.10			2.3			1.1			6.0			<1.6		
						18.9		32.3		8.00		92.70		7.12			2.3			0.7			6.0			<1.6		
				Middle	8.5	18.9	32.3	8.00	92.30	7.08	2.3	6.0	<1.6															
						18.9	32.3	8.00	92.60	7.11	2.4	<0.5	6.0	<1.6														
						18.9	32.3	8.00	92.40	7.09	2.4	<0.5	6.0	<1.6														
Bottom	16.0	18.9	32.3	8.00	92.50	7.11	2.4	6.0	<1.6																			
		18.9	32.3	8.00	92.20	7.08	2.3	0.5	6.0	<1.6																		
		18.9	32.3	8.00	92.40	7.09	2.4	0.6	6.0	<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*			
17-Jan-19	Sunny	Moderate	14:40	Surface	1	18.2	18.2	33.4	33.4	8.25	8.25	97.70	97.17	7.54	7.50	7.44	1.6	1.6	1.94	2.2	1.7	1.33	<1	1.0	1.00	<1.6	1.6	1.60			
						18.2		33.5		8.25		97.50		7.53			1.5			2.1			1.4			<1			<1.6		
						18.2		33.5		8.25		96.30		7.43			1.6			2.0			1.6			<1			<1.6		
				Middle	8.8	18.2	18.2	33.4	33.4	8.25	8.25	95.80	95.57	7.40	7.38	7.04	2.1	2.0	1.94	2.0	1.2	1.33	1.0	1.2	1.00	<1	1.0	1.00	<1.6	1.6	1.60
						18.2		33.5		8.25		94.90		7.32			2.0			1.5			1.0			<1			<1.6		
						18.2		33.5		8.25		96.00		7.41			2.0			1.1			1.0			<1			<1.6		
				Bottom	16.7	18.2	18.2	33.4	33.4	8.25	8.25	91.40	91.13	7.06	7.04	7.04	2.3	2.2	1.94	2.2	1.1	1.33	0.8	1.1	1.00	<1	1.0	1.00	<1.6	1.6	1.60
						18.2		33.4		8.25		90.70		7.01			2.2			1.0			<1			<1.6					
						18.2		33.5		8.26		91.30		7.05			2.2			1.0			<1			<1.6					
19-Jan-19	Fine	Moderate	15:31	Surface	1	18.0	18.0	33.5	33.5	8.23	8.25	88.10	88.07	6.58	6.57	6.55	1.8	1.8	2.09	2.1	1.7	3.12	7.0	6.3	6.22	<1.6	1.6	1.60			
						18.0		33.5		8.28		87.80		6.55			1.8			2.1			1.3			6.0			<1.6		
						18.0		33.5		8.28		88.30		6.59			1.9			2.0			1.6			6.0			<1.6		
				Middle	8.9	18.0	18.0	33.6	33.6	8.28	8.26	88.30	87.43	6.58	6.52	6.24	2.1	2.0	2.09	2.0	2.7	3.12	7.0	2.7	6.3	6.3	6.3	6.22	<1.6	1.6	1.60
						18.0		33.6		8.26		87.20		6.50			2.0			2.8			6.0			<1.6					
						18.1		33.6		8.24		86.80		6.47			2.0			2.8			6.0			<1.6					
				Bottom	16.8	18.0	18.0	33.6	33.6	8.24	8.26	83.40	83.83	6.20	6.24	6.24	2.5	2.4	2.09	4.8	5.0	3.12	6.0	5.0	6.0	6.0	6.0	6.22	<1.6	1.6	1.60
						18.0		33.6		8.28		85.00		6.33			4.8			6.0			<1.6								
						18.0		33.6		8.25		83.10		6.18			2.3			5.4			6.0			<1.6					
22-Jan-19	Fine	Moderate	8:00	Surface	1	17.9	17.9	32.6	32.6	8.21	8.20	93.40	93.53	6.77	6.78	6.77	1.8	1.8	2.09	3.6	3.9	3.96	4.0	4.0	4.00	<1.6	1.6	1.60			
						17.9		32.6		8.20		93.50		6.78			1.7			3.0			4.0			<1.6					
						17.9		32.6		8.20		93.70		6.80			1.8			4.6			4.0			<1.6					
				Middle	8.8	17.9	17.9	32.6	32.6	8.20	8.20	93.20	93.20	6.76	6.76	6.76	2.0	2.0	2.09	2.0	3.1	3.96	3.0	3.1	4.0	4.0	4.0	4.00	<1.6	1.6	1.60
						17.9		32.7		8.21		93.30		6.77			1.9			4.0			<1.6								
						17.9		32.7		8.21		93.10		6.75			2.0			4.0			<1.6								
				Bottom	16.6	17.9	17.9	32.7	32.6	8.22	8.21	93.10	93.17	6.76	6.76	6.76	2.4	2.5	2.09	4.5	4.8	3.96	5.1	4.8	4.0	4.0	4.0	4.00	<1.6	1.6	1.60
						17.9		32.7		8.20		93.30		6.77			4.5			4.0			<1.6								
						17.9		32.6		8.20		93.10		6.76			2.6			4.8			4.0			<1.6					
24-Jan-19	Sunny	Moderate	9:47	Surface	1	18.4	18.4	31.9	31.9	8.01	8.01	92.00	92.03	7.14	7.14	7.13	2.2	2.1	2.22	3.6	3.8	4.04	9.0	8.7	8.44	<1.6	1.6	1.60			
						18.4		31.9		8.01		92.10		7.14			2.1			4.6			8.0			<1.6					
						18.4		31.9		8.01		92.00		7.14			2.0			3.1			9.0			<1.6					
				Middle	8.7	18.3	18.3	31.9	31.9	8.02	8.02	91.60	91.50	7.12	7.11	7.11	2.2	2.2	2.22	2.0	3.6	4.04	4.0	3.6	4.0	8.0	8.3	8.44	<1.6	1.6	1.60
						18.3		31.9		8.02		91.50		7.11			2.1			8.0			<1.6								
						18.3		31.9		8.02		91.40		7.11			2.3			8.0			<1.6								
				Bottom	16.3	18.3	18.3	31.8	31.8	8.01	8.02	91.40	91.40	7.11	7.11	7.11	2.3	2.4	2.22	5.2	4.8	4.04	8.0	4.8	4.0	8.0	8.3	8.44	<1.6	1.6	1.60
						18.3		31.9		8.02		91.30		7.10			2.5			8.0			<1.6								
						18.3		31.9		8.02		91.50		7.11			2.3			9.0			<1.6								
26-Jan-19	Fine	Moderate	10:41	Surface	1	18.6	18.5	31.9	31.9	8.04	8.04	88.90	88.70	6.94	6.93	6.95	2.3	2.1	3.00	2.9	3.2	3.88	7.0	7.3	7.33	<1.6	1.6	1.60			
						18.5		31.9		8.04		88.60		6.92			2.0			3.3			7.0			<1.6					
						18.5		31.9		8.04		88.60		6.92			2.1			3.3			8.0			<1.6					
				Middle	8.7	18.5	18.5	32.0	32.0	8.05	8.06	89.20	89.33	6.97	6.98	6.98	2.8	2.9	3.00	2.9	3.9	3.88	3.9	3.9	4.0	8.0	7.3	7.33	<1.6	1.6	1.60
						18.5		32.0		8.06		89.50		6.98			3.4			7.0			<1.6								
						18.5		32.0		8.06		89.30		6.98			4.3			7.0			<1.6								
				Bottom	16.4	18.5	18.5	32.1	32.1	8.08	8.08	89.00	89.00	6.94	6.95	6.95	3.8	3.9	3.00	4.2	4.6	3.88	8.0	4.6	4.0	7.0	7.3	7.33	<1.6	1.6	1.60
						18.5		32.1		8.08		89.00		6.94			5.3			7.0			<1.6								
						18.5		32.1		8.08		89.00		6.96			4.0			7.0			<1.6								
29-Jan-19	Sunny	Moderate	12:48	Surface	1	18.4	18.4	32.3	32.3	8.11	8.11	98.10	96.77	6.51	6.42	6.38	2.5	2.4	2.49	3.9	4.3	3.20	4.0	4.3	4.44	<1.6	1.6	1.60			
						18.4		32.3		8.11		95.00		6.30			2.4			4.2			5.0			<1.6					
						18.4		32.3		8.11		97.20		6.45			2.4			4.7			4.0			<1.6					
				Middle	8.4	18.4	18.4	32.3	32.3	8.11	8.11	95.40	95.60	6.33	6.34	6.34	2.5	2.5	2.49	2.5	2.4	3.20	4.0	2.4	4.0	4.0	4.3	4.44	<1.6	1.6	1.60
						18.4		32.3		8.11		94.70		6.28			2.5			4.0			<1.6								
						18.4		32.3		8.12		96.70		6.42			2.5			5.0			<1.6								
				Bottom	15.9	18.4	18.4	32.3	32.3	8.11	8.12	94.70	94.93	6.29	6.30	6.30	2.5	2.5	2.49	2.9	3.0	3.20	5.0	3.0	4.0	5.0	4.7	4.44	<1.6	1.6	1.60
						18.4		32.3		8.13		95.80		6.36			2.6			5.0			<1.6								
						18.4		32.3		8.12		94.30		6.26			2.5			4.0			<1.6								
31-Jan-19	Sunny	Moderate	14:17	Surface	1	18.6	18.6	31.9	31.9	8.03	8.03	90.10	90.23	6.83	6.84	6.84	1.8	1.9	2.06	1.8	2.1	1.68	5.0	5.0	5.00	<1.6	1.6	1.60			
						18.6		31.9		8.03		90.40		6.85			2.3			5.0			<1.6								
						18.6		31.9		8.03		90.20		6.84			1.9			5.0			<1.6								
				Middle	8.7	18.6	18.6	31.9	31.9	8.03	8.04	90.10	89.97	6.84	6.83	6.83	2.0	2.1	2.06	2.0	1.7	1.68	5.0	1.7	5.0	5.0	5.0	5.00	<1.6	1.6	1.60
						18.6		31.9		8.04		90.00		6.83			2.0			5.0			<1.6								
						18.6		31.9		8.04		89.80		6.82			2.2			5.0			<1.6								
				Bottom	16.4	18.6	18.6	31.9	31.9	8.04	8.04	90.00	90.00	6.82	6.82	6.82	2.2	2.2	2.06	0.8	1.2	1.68	5.0	1.2	5.0	5.0	5.0	5.00	<1.6	1.6	1.60
						18.6		31.9		8.03		90.10		6.83			2.2			5.0			<1.6								
						18.6		31.9		8.04		89.90		6.82			2.3			5.0			<1.6								