

**Table B1** *Summary Table of DO, Turbidity and SS Levels Recorded in December 2012*

Sampling Date	Tidal Period	Station	Average DO Levels (mg/L)		Average Turbidity Level (NTU)	Average SS Level (mg/L)
			Bottom	Surface and Mid Depth		
2012/12/01	Mid-Ebb	DS1	6.22	6.37	7.88	11.01
		DS2	6.22	6.34	10.56	12.79
		DS3	6.22	6.34	6.63	9.91
		DS4	6.19	6.32	6.85	9.60
		DS5	6.16	6.27	6.40	9.63
		US1	6.35	6.42	8.63	11.12
		US2	6.48	6.52	14.35	14.80
		MW1	6.23	6.27	6.24	7.18
		THB1	6.64	6.69	10.95	12.95
		THB2	-	8.39	9.76	11.47
		WSR45C	6.21	6.35	6.65	10.19
		WSR46	6.32	6.36	10.61	13.78
	Mid-Flood	DS1	6.58	6.61	11.59	13.29
		DS2	6.57	6.61	10.97	12.68
		DS3	6.55	6.59	11.64	12.51
		DS4	6.60	6.60	12.81	14.45
		DS5	6.60	6.59	13.40	15.80
		US1	6.41	6.42	35.62	37.38
		US2	6.16	6.29	11.58	13.86
		MW1	6.11	6.19	8.71	11.27
		THB1	6.54	6.57	16.27	19.42
		THB2	-	8.07	7.88	8.40
		WSR45C	6.27	6.39	11.99	11.56
		WSR46	6.43	6.48	22.10	23.84
2012/12/04	Mid-Ebb	DS1	6.41	6.52	4.79	7.09
		DS2	6.35	6.50	6.04	8.11
		DS3	6.42	6.53	5.84	8.32
		DS4	6.36	6.50	6.08	7.96
		DS5	6.35	6.48	6.58	8.81
		US1	6.45	6.70	5.50	7.21
		US2	6.65	6.66	8.19	9.80
		MW1	6.25	6.29	3.92	6.38
		THB1	6.52	6.53	8.29	12.40
		THB2	-	8.59	14.99	9.23
		WSR45C	6.19	6.34	6.06	7.51
		WSR46	6.20	6.41	5.99	7.91
	Mid-Flood	DS1	6.50	6.72	11.73	14.61
		DS2	6.60	6.71	12.37	12.45
		DS3	6.71	6.70	14.80	17.12
		DS4	6.77	6.76	13.64	17.50
		DS5	6.67	6.68	13.87	15.85
		US1	6.27	6.49	10.53	21.68
		US2	6.28	6.48	6.10	8.40
		MW1	6.16	6.25	4.98	6.67
		THB1	6.42	6.43	13.11	14.78
		THB2	-	7.56	9.53	8.90
		WSR45C	6.10	6.33	10.21	11.93
		WSR46	6.21	6.29	18.10	18.70

Sampling Date	Tidal Period	Station	Average DO Levels (mg/L)		Average Turbidity Level (NTU)	Average SS Level (mg/L)
			Bottom	Surface and Mid Depth		
2012/12/06	Mid-Ebb	DS1	6.35	6.39	15.23	14.19
		DS2	6.37	6.43	4.50	6.78
		DS3	6.35	6.44	4.57	6.16
		DS4	6.34	6.41	4.09	6.33
		DS5	6.33	6.43	4.63	6.53
		US1	6.43	6.56	7.37	10.41
		US2	6.55	6.56	8.95	10.23
		MW1	6.36	6.38	3.47	4.88
		THB1	6.42	6.54	9.15	10.68
		THB2	-	8.52	10.19	7.93
		WSR45C	6.29	6.36	3.37	5.64
		WSR46	6.33	6.34	5.44	7.92
	Mid-Flood	DS1	6.49	6.60	10.77	12.48
		DS2	6.52	6.57	10.45	10.70
		DS3	6.55	6.58	9.73	9.89
		DS4	6.63	6.62	6.66	7.03
		DS5	6.65	6.63	7.61	7.40
		US1	6.33	6.45	7.98	19.79
		US2	6.28	6.40	9.80	11.86
		MW1	6.20	6.21	3.39	5.22
		THB1	6.37	6.34	16.64	19.07
		THB2	-	8.69	9.99	7.60
		WSR45C	6.26	6.44	7.84	10.38
		WSR46	6.36	6.39	10.26	12.71
2012/12/08	Mid-Ebb	DS1	6.61	6.61	13.15	16.54
		DS2	6.55	6.52	13.89	16.08
		DS3	6.40	6.48	5.39	8.30
		DS4	6.19	6.38	5.34	7.28
		DS5	6.31	6.33	4.95	6.59
		US1	6.69	6.69	6.31	14.95
		US2	6.67	6.67	7.81	10.56
		MW1	6.25	6.27	2.81	5.08
		THB1	6.69	6.64	6.32	7.57
		THB2	-	9.57	6.26	7.60
		WSR45C	6.27	6.40	4.45	5.74
		WSR46	6.80	6.79	5.45	6.90
	Mid-Flood	DS1	6.85	6.89	5.86	7.63
		DS2	6.92	6.92	5.41	7.15
		DS3	6.93	6.92	7.35	9.51
		DS4	6.93	6.94	9.25	10.99
		DS5	7.11	7.12	6.15	8.70
		US1	6.62	6.66	15.66	15.61
		US2	6.45	6.50	9.92	13.12
		MW1	6.37	6.41	3.95	7.34
		THB1	6.57	6.59	10.14	16.02
		THB2	-	9.83	8.09	9.40
		WSR45C	6.35	6.40	9.84	11.78
		WSR46	6.65	6.59	10.78	9.06
2012/12/11	Mid-Ebb	DS1	6.63	6.62	6.87	10.32
		DS2	6.59	6.62	6.58	9.28
		DS3	6.52	6.60	7.15	10.07

Sampling Date	Tidal Period	Station	Average DO Levels (mg/L)		Average Turbidity Level (NTU)	Average SS Level (mg/L)
			Bottom	Surface and Mid Depth		
2012/12/13	Mid-Flood	DS4	6.58	6.66	7.92	10.21
		DS5	6.76	6.77	6.92	7.83
		US1	6.88	6.91	6.92	16.83
		US2	6.89	6.90	8.20	9.33
		MW1	6.30	6.33	5.74	7.58
		THB1	7.07	7.09	7.36	9.90
		THB2	-	6.52	8.65	7.20
		WSR45C	6.41	6.62	6.43	8.61
		WSR46	6.87	6.99	5.94	7.36
		DS1	7.11	7.14	8.06	9.58
		DS2	7.14	7.17	7.96	9.17
		DS3	7.13	7.17	19.28	17.93
		DS4	7.15	7.17	8.28	11.91
		DS5	7.18	7.19	4.94	6.90
		US1	6.78	6.77	12.40	14.01
		US2	6.50	6.50	10.95	14.49
	MW1	6.55	6.56	6.52	8.20	
	THB1	7.34	7.37	4.68	7.50	
	THB2	-	6.69	12.11	10.90	
	WSR45C	6.72	6.73	10.13	11.74	
	WSR46	6.95	7.06	9.28	9.38	
	Mid-Ebb	DS1	6.71	6.72	9.76	12.24
	DS2	6.60	6.75	6.22	8.48	
	DS3	6.64	6.80	5.76	7.16	
	DS4	6.60	6.83	5.93	7.53	
	DS5	6.80	6.82	7.60	10.62	
	US1	7.14	7.16	7.07	14.96	
	US2	7.17	7.20	12.72	14.14	
	MW1	5.27	5.35	8.89	9.91	
	THB1	6.91	6.96	10.23	13.05	
	THB2	-	6.69	7.13	9.33	
	WSR45C	5.97	6.30	5.99	8.58	
WSR46	6.91	7.01	10.34	10.98		
Mid-Flood	DS1	6.95	6.95	18.07	20.10	
DS2	7.00	6.99	12.11	13.81		
DS3	7.04	7.04	7.37	9.56		
DS4	7.10	7.11	7.20	8.93		
DS5	7.17	7.19	7.39	8.99		
US1	6.53	6.54	16.28	18.32		
US2	6.40	6.43	15.50	17.32		
MW1	6.47	6.49	7.92	9.64		
THB1	7.16	7.27	8.21	8.83		
THB2	-	6.89	8.54	10.17		
WSR45C	6.59	6.70	12.88	11.81		
WSR46	6.98	7.12	10.83	10.41		
2012/12/15	Mid-Ebb	DS1	6.82	6.93	8.08	10.10
DS2	6.81	6.90	8.23	9.42		
DS3	6.69	6.95	8.01	9.69		
DS4	6.70	6.86	8.17	10.00		
DS5	6.82	6.86	8.73	11.21		
US1	6.81	6.82	11.28	12.82		

Sampling Date	Tidal Period	Station	Average DO Levels (mg/L)		Average Turbidity Level (NTU)	Average SS Level (mg/L)
			Bottom	Surface and Mid Depth		
2012/12/18	Mid-Flood	US2	6.78	6.79	11.75	13.78
		MW1	6.82	6.87	5.97	9.32
		THB1	6.99	7.07	9.02	9.62
		THB2	-	6.72	6.96	8.93
		WSR45C	6.77	7.03	8.20	10.76
		WSR46	6.93	6.98	8.94	10.86
		DS1	6.69	6.63	17.12	19.10
		DS2	6.69	6.61	19.20	23.43
		DS3	6.65	6.60	15.25	18.06
		DS4	6.70	6.68	22.73	25.13
		DS5	-	6.74	21.70	27.38
		US1	6.69	6.72	12.86	14.69
		US2	6.63	6.66	16.97	17.96
		MW1	6.61	6.64	24.71	24.88
		THB1	6.86	6.87	8.82	11.15
		THB2	-	5.99	12.45	10.17
	WSR45C	6.82	6.85	21.10	23.94	
	WSR46	6.96	6.99	36.38	35.81	
	Mid-Ebb	DS1	6.35	6.50	8.58	10.20
	DS2	6.41	6.53	8.49	10.47	
	DS3	6.39	6.52	8.30	10.80	
	DS4	6.43	6.55	6.52	9.07	
	DS5	6.63	6.63	9.22	11.53	
	US1	6.68	6.70	5.70	7.24	
	US2	6.51	6.60	6.53	8.07	
	MW1	6.79	6.83	4.87	6.76	
	THB1	6.98	6.97	12.57	15.03	
	THB2	-	6.39	13.54	15.57	
	WSR45C	6.71	6.82	6.15	8.80	
	WSR46	6.67	6.68	8.58	10.67	
	Mid-Flood	DS1	6.58	6.58	8.95	10.30
	DS2	6.57	6.58	8.87	11.13	
DS3	6.55	6.57	10.49	12.62		
DS4	6.52	6.53	14.49	15.20		
DS5	-	6.58	13.21	14.20		
US1	6.49	6.56	10.43	11.96		
US2	6.34	6.48	9.77	11.61		
MW1	6.43	6.50	7.95	11.21		
THB1	6.83	6.83	16.68	20.92		
THB2	-	6.39	14.64	8.40		
WSR45C	6.61	6.72	8.85	13.33		
WSR46	6.73	6.82	9.74	12.51		
2012/12/20	Mid-Ebb	DS1	6.75	6.73	2.87	5.56
DS2	6.71	6.72	3.22	4.87		
DS3	6.65	6.71	4.64	6.60		
DS4	6.69	6.72	4.77	6.76		
DS5	6.59	6.69	6.99	9.37		
US1	6.89	6.94	6.19	7.51		
US2	6.82	6.85	12.04	14.40		
MW1	6.41	6.54	1.72	4.00		
THB1	6.74	6.74	10.36	14.33		

Sampling Date	Tidal Period	Station	Average DO Levels (mg/L)		Average Turbidity Level (NTU)	Average SS Level (mg/L)
			Bottom	Surface and Mid Depth		
2012/12/22	Mid-Flood	THB2	-	6.60	11.73	12.63
		WSR45C	6.46	6.62	4.15	6.98
		WSR46	6.55	6.74	5.21	8.26
		DS1	6.74	6.74	12.63	14.33
		DS2	6.76	6.77	17.38	20.07
		DS3	6.79	6.79	19.98	18.85
		DS4	6.87	6.89	11.64	12.89
		DS5	6.99	7.00	8.93	10.48
		US1	6.80	6.84	7.59	11.03
		US2	6.78	6.82	8.33	7.88
		MW1	6.08	6.18	2.50	5.24
		THB1	6.55	6.53	15.00	22.40
		THB2	-	7.37	13.57	24.77
	WSR45C	6.38	6.54	3.20	5.66	
	WSR46	6.57	6.74	7.14	14.57	
	Mid-Ebb	DS1	6.95	6.96	4.25	5.79
		DS2	6.96	6.96	3.80	5.00
		DS3	6.93	6.95	3.69	4.73
		DS4	6.96	6.96	3.64	5.92
		DS5	6.97	6.96	5.35	6.03
		US1	6.95	6.95	3.89	4.85
		US2	6.93	6.93	5.11	6.08
		MW1	6.57	6.73	1.61	5.79
		THB1	7.20	7.19	3.91	11.23
		THB2	-	6.99	6.67	9.37
		WSR45C	6.66	7.07	2.83	5.23
WSR46		6.69	7.10	3.73	6.22	
Mid-Flood		DS1	7.01	7.11	5.54	6.54
	DS2	7.13	7.16	6.01	6.40	
	DS3	7.19	7.20	4.04	5.70	
	DS4	7.12	7.22	8.55	9.56	
	DS5	7.30	7.33	5.82	6.46	
	US1	6.73	7.06	8.10	6.80	
	US2	6.71	6.92	5.42	7.22	
	MW1	6.70	6.83	2.42	4.50	
	THB1	7.30	7.31	2.89	5.93	
	THB2	-	7.28	10.66	13.87	
	WSR45C	6.66	7.09	7.23	9.66	
	WSR46	6.61	7.00	4.75	6.56	
	2012/12/24	Mid-Ebb	DS1	7.06	7.22	3.17
DS2			7.02	7.11	3.38	6.61
DS3			7.15	7.20	2.45	4.59
DS4			7.09	7.17	3.24	5.79
DS5			7.08	7.14	4.71	10.02
US1			7.30	7.35	2.74	3.90
US2			7.26	7.33	2.96	4.20
MW1			7.49	7.54	2.35	5.76
THB1			7.43	7.43	3.32	7.13
THB2			-	7.30	5.41	8.40
WSR45C			7.42	7.50	2.37	5.11
WSR46			7.13	7.31	3.35	3.51

Sampling Date	Tidal Period	Station	Average DO Levels (mg/L)		Average Turbidity Level (NTU)	Average SS Level (mg/L)	
			Bottom	Surface and Mid Depth			
2012/12/27	Mid-Flood	DS1	7.08	7.27	3.99	7.97	
		DS2	7.32	7.49	3.35	7.40	
		DS3	7.51	7.55	3.07	5.22	
		DS4	7.13	7.51	4.08	7.59	
		DS5	7.52	7.69	3.76	4.94	
		US1	7.10	7.26	2.88	4.73	
		US2	7.13	7.27	2.10	4.07	
		MW1	6.79	6.84	1.76	3.74	
		THB1	7.16	7.32	2.78	4.48	
		THB2	-	7.02	5.42	9.30	
	WSR45C	6.88	7.01	1.59	4.48		
	WSR46	6.76	7.03	2.80	6.72		
	Mid-Ebb	DS1	7.18	7.18	4.76	5.86	
		DS2	7.06	7.11	4.52	7.11	
		DS3	7.01	7.10	4.63	7.31	
		DS4	7.04	7.13	4.48	6.50	
		DS5	7.16	7.18	3.89	5.92	
		US1	7.42	7.45	5.20	7.17	
		US2	7.47	7.46	5.57	6.83	
		MW1	6.90	6.92	3.77	6.32	
THB1		7.36	7.37	4.31	6.35		
THB2		-	6.82	11.37	9.13		
2012/12/29	Mid-Ebb	WSR45C	7.07	7.15	2.45	4.44	
		WSR46	7.40	7.45	4.34	6.21	
		Mid-Flood	DS1	7.29	7.32	11.12	13.09
			DS2	7.29	7.30	11.20	14.28
			DS3	7.27	7.28	11.78	14.23
			DS4	7.30	7.30	5.68	7.38
			DS5	7.27	7.28	5.98	8.07
		US1	6.94	6.91	8.93	11.17	
		US2	6.78	6.82	9.02	11.14	
		MW1	7.01	7.03	4.38	4.99	
	THB1	7.44	7.47	4.20	6.87		
	THB2	-	6.78	8.65	7.23		
	WSR45C	7.21	7.20	4.19	5.98		
	WSR46	7.46	7.46	4.13	5.33		
	Mid-Ebb	DS1	7.24	7.24	5.17	6.59	
		DS2	7.17	7.23	5.37	6.99	
		DS3	7.11	7.23	5.09	6.97	
		DS4	7.16	7.27	7.22	9.61	
		DS5	7.22	7.30	4.89	6.41	
		US1	7.35	7.42	5.77	6.01	
US2		7.38	7.40	5.89	7.58		
MW1		6.74	6.77	3.94	7.17		
THB1		7.19	7.19	8.12	10.78		
THB2		-	6.99	7.60	9.57		
Mid-Flood	WSR45C	6.80	7.04	3.14	6.00		
	WSR46	7.05	7.08	7.57	10.80		
	DS1	7.53	7.54	10.03	11.21		
	DS2	7.53	7.52	11.01	13.42		
	DS3	7.51	7.50	10.63	12.56		

Sampling Date	Tidal Period	Station	Average DO Levels (mg/L)		Average Turbidity Level (NTU)	Average SS Level (mg/L)
			Bottom	Surface and Mid Depth		
2012/12/31	Mid-Ebb	DS4	7.46	7.47	23.10	25.32
		DS5	7.47	7.47	25.37	28.55
		US1	7.32	7.33	18.79	24.16
		US2	7.27	7.30	9.57	10.54
		MW1	6.87	6.90	6.38	8.97
		THB1	7.30	7.30	18.12	21.08
		THB2	-	7.02	10.85	9.13
		WSR45C	7.18	7.21	11.46	15.08
		WSR46	7.26	7.26	19.63	22.54
		DS1	7.11	7.07	4.99	7.58
		DS2	7.01	7.11	4.51	6.88
		DS3	7.01	7.08	4.07	6.29
		DS4	7.02	7.09	3.15	6.13
		DS5	7.11	7.10	3.16	5.66
	Mid-Flood	US1	7.49	7.45	7.45	10.29
		US2	7.49	7.48	8.32	10.07
		MW1	7.39	7.39	4.64	7.63
		THB1	7.96	8.00	6.52	8.85
		THB2	-	7.37	10.02	8.27
		WSR45C	7.46	7.55	2.40	5.07
		WSR46	7.60	7.63	3.77	6.76
		DS1	7.40	7.39	10.60	12.30
		DS2	7.42	7.39	8.84	11.55
		DS3	7.41	7.38	9.21	12.10
		DS4	7.42	7.40	12.53	14.32
		DS5	-	7.59	11.32	13.10
		US1	7.16	7.13	8.58	10.94
		US2	6.96	6.96	9.59	12.04
MW1	7.82	7.84	5.44	8.19		
THB1	8.04	8.02	10.48	13.70		
THB2	-	7.32	6.15	7.30		
WSR45C	7.86	7.80	9.15	13.10		
WSR46	7.70	7.67	10.68	21.91		

Notes:

1. Cell shaded yellow indicated value exceeding the Action Level criteria.
2. Cell shaded red indicated value exceeding the Limit Level criteria.
3. DO for Surface and Mid-depth: less than 4.32 mg L<sup>-1</sup> (Action Level); less than 4 mg L<sup>-1</sup> (Limit Level).  
DO for Bottom: less than 3.12 mg L<sup>-1</sup> (Action Level); less than 2 mg L<sup>-1</sup> (Limit Level).  
Depth-average Turbidity: greater than 25.04 NTU and 120% or more of the reference stations turbidity at the same tide of the day (Action Level); greater than 56.30 NTU and 130% or more of the reference stations turbidity at the same tide of the day (Limit Level).  
Depth-average SS: greater than 21.60 mg L<sup>-1</sup> and 120% or more of the reference stations SS at the same tide of the day (Action Level); greater than 40.10 mg L<sup>-1</sup> and 130% or more of the reference stations SS at the same tide of the day (Limit Level).
4. Only mid-depth water was sampled at Station THB2 because water depth was less than 3m.