

Annex B

Monitoring Results

Table B1 *Summary Table of DO, Turbidity and TSS Levels recorded in September 2010*

Sampling Date	Tidal Period	Station	Average DO Levels (mg/L)		Average Turbidity Level (NTU)	Average TSS Level (mg/L)
			Bottom	Surface and Mid Depth		
2010/09/07	ME	DS1	3.79	4.49	20.52	26.00
		DS2	3.86	4.47	16.38	22.33
		DS3	3.53	4.48	18.40	21.83
		DS4	3.98	4.56	13.25	16.17
		DS5	4.07	4.83	10.49	14.33
		MW1	3.29	3.86	4.37	6.83
		US1	3.68	4.61	18.70	21.17
	MF	US2	3.62	4.58	11.88	14.33
		DS1	4.10	4.75	15.03	20.00
		DS2	4.19	4.96	12.06	16.17
		DS3	4.04	4.85	13.33	19.50
		DS4	4.21	4.65	10.34	19.33
		DS5	3.80	4.64	15.78	15.17
		MW1	3.18	3.56	11.88	17.67
		US1	4.05	4.66	15.22	19.50
		US2	4.00	4.46	17.60	22.17
		2010/09/09	ME	DS1	3.96	4.41
DS2	4.10			4.67	11.46	14.33
DS3	3.82			4.43	31.38*	54.17*
DS4	4.08			4.61	13.26	21.17
DS5	4.12			4.64	15.53	15.50
MW1	3.65			4.02	5.64	8.50
US1	3.72			4.56	17.92	19.67
MF	US2		3.67	4.44	14.73	19.33
	DS1		3.61	4.32	28.36*	36.33
	DS2		3.84	4.44	25.31	41.50*
	DS3		3.52	4.56	18.89	30.33
	DS4		3.66	4.62	11.90	19.00
	DS5		3.74	4.79	13.70	19.00
	MW1		3.43	3.52	13.62	19.67
	US1		3.64	4.41	21.32	25.83
	US2		3.69	4.34	18.79	23.67
	2010/09/11		ME	DS1	4.18	4.26
DS2		4.06		4.29	12.18	16.17
DS3		3.92		4.10	31.25*	38.33*
DS4		4.15		4.12	15.02	20.67
DS5		4.21		4.19	18.07	33.83
MW1		3.69		3.90	4.69	5.17
US1		4.07		4.25	11.16	11.50
MF		US2	3.95	4.39	9.51	9.50
		DS1	3.62	3.93	25.86	38.67*
		DS2	4.00	4.05	9.54	12.00
		DS3	3.81	4.05	8.19	10.50
		DS4	3.71	4.05	7.77	10.17
		DS5	3.79	4.60	5.92	6.50
		MW1	3.32	3.54	12.76	16.83
		US1	3.71	4.05	30.45	38.00
		US2	3.64	4.03	30.70	31.83
		2010/09/13	ME	DS1	4.31	4.74
DS2	4.31			4.64	8.93	13.50
DS3	3.89			4.67	8.94	10.83
DS4	4.21			4.89	6.58	8.33
DS5	4.15			4.90	6.18	7.33

Sampling Date	Tidal Period	Station	Average DO Levels (mg/L)		Average Turbidity Level (NTU)	Average TSS Level (mg/L)		
			Bottom	Surface and Mid Depth				
2010/09/13	ME	MW1	3.65	4.54	2.93	5.67		
		US1	4.42	4.90	6.47	8.00		
		US2	4.57	4.97	5.76	7.17		
	MF	DS1	4.23	4.60	11.29	13.17		
		DS2	4.43	4.52	11.31	15.00		
		DS3	4.39	4.66	6.63	9.17		
		DS4	4.61	5.10	5.24	7.00		
		DS5	4.35	4.85	10.04	11.00		
		MW1	3.31	4.07	7.39	9.33		
		US1	4.12	4.68	7.92	13.33		
2010/09/15	ME	US2	4.29	4.85	6.43	8.67		
		DS1	3.77	4.11	5.73	6.33		
		DS2	3.85	4.23	5.40	6.00		
		DS3	3.99	4.36	8.70	12.00		
		DS4	4.04	4.37	6.15	7.83		
		DS5	4.00	4.36	4.12	7.67		
		MW1	3.42	4.77	1.88	3.67		
		US1	3.87	4.38	5.83	6.50		
		US2	3.68	3.99	9.04	11.00		
		MF	DS1	4.10	4.72	3.91	6.83	
DS2	3.91		4.53	5.13	7.67			
DS3	3.67		4.50	5.33	6.83			
DS4	3.79		4.49	5.96	5.67			
DS5	3.99		4.90	5.57	6.67			
MW1	3.00		4.26	3.54	4.50			
US1	4.41		4.79	4.32	6.00			
US2	4.48		4.97	3.26	4.67			
2010/09/17	ME		DS1	4.24	5.04	5.54	7.67	
			DS2	4.44	5.19	4.53	6.33	
		DS3	3.06	5.12	5.43	7.00		
		DS4	3.79	5.26	6.07	8.33		
		DS5	4.30	5.75	4.00	6.67		
		MW1	3.79	6.27	1.64	7.00		
		US1	4.10	5.05	3.74	6.67		
		US2	4.25	5.08	3.81	7.17		
		MF	DS1	4.85	6.93	4.89	7.00	
			DS2	4.94	7.32	4.58	6.83	
DS3	4.56		6.92	4.82	7.17			
DS4	4.73		6.90	4.48	7.67			
DS5	4.14		6.13	5.83	9.33			
MW1	2.45		5.13	3.66	7.00			
US1	4.57		6.77	54.20	79.67			
US2	5.36		7.04	4.41	8.50			
2010/09/20	ME		DS1	4.23	7.13	4.91	7.67	
			DS2	3.55	6.12	8.22	12.50	
		DS3	3.72	5.87	7.76	9.83		
		DS4	6.17	6.97	3.50	5.50		
		DS5	7.01	7.24	3.20	5.33		
		MW1	2.72	5.12	3.57	6.17		
		US1	4.00	7.06	3.44	5.83		
		US2	3.28	6.77	5.52	8.50		
		2010/09/22	MF	DS1	4.24	5.33	14.13	23.00
				DS2	4.51	5.20	8.29	10.83
DS3	4.51			5.13	8.59	10.50		
DS4	4.35			4.96	6.89	9.00		
DS5	4.27			5.10	9.38	10.00		

Sampling Date	Tidal Period	Station	Average DO Levels (mg/L)		Average Turbidity Level (NTU)	Average TSS Level (mg/L)
			Bottom	Surface and Mid Depth		
2010/09/22	MF	MW1	3.47	3.78	11.16	15.17
		US1	4.33	4.87	14.60	19.67
		US2	4.00	4.95	16.03	14.83
2010/09/24	ME	DS1	3.58	4.32	11.54	15.33
		DS2	3.73	4.65	9.58	14.50
		DS3	3.57	4.13	22.47	28.17
		DS4	3.68	4.34	9.86	14.33
		DS5	3.71	4.29	9.78	13.50
		MW1	3.47	3.81	4.13	5.50
	MF	US1	3.48	4.51	16.52	17.00
		US2	3.61	4.48	8.36	13.33
		DS1	3.50	4.18	12.40	12.67
		DS2	3.62	4.44	14.16	13.67
		DS3	3.75	4.47	5.76	7.50
		DS4	3.63	4.00	7.42	10.33
		DS5	3.63	4.07	5.81	8.00
		MW1	3.51	3.64	8.76	13.17
		US1	3.58	4.28	13.58	19.83
2010/09/27	ME	US2	3.52	4.17	28.23	29.33
		DS1	3.92	4.61	6.72	9.83
		DS2	3.86	4.32	9.24	10.67
		DS3	3.79	4.23	8.33	10.67
		DS4	3.89	4.37	6.56	9.00
		DS5	3.97	4.33	6.19	7.33
	MF	MW1	4.01	4.18	3.88	3.83
		US1	4.18	4.42	8.74	11.33
		US2	3.85	4.28	12.03	16.33
		DS1	3.80	3.83	27.71	39.33
		DS2	3.80	3.97	12.66	14.83
		DS3	3.80	3.97	9.66	10.00
		DS4	3.69	3.99	10.16	11.33
		DS5	3.61	3.94	9.43	11.33
		MW1	3.70	4.04	4.80	5.83
2010/09/29	ME	US1	3.81	4.08	9.28	13.83
		US2	3.92	4.18	8.12	10.83
		DS1	4.18	4.67	5.32	7.17
		DS2	5.06	5.69	6.76	8.00
		DS3	3.96	5.11	8.34	11.50
		DS4	4.31	5.31	5.34	6.50
	MF	DS5	4.21	5.59	4.37	6.00
		MW1	4.28	4.63	2.88	4.83
		US1	4.11	5.36	4.25	7.83
		US2	4.02	5.59	4.87	6.17
		DS1	3.98	4.63	10.11	18.33
		DS2	4.18	4.52	8.68	10.67
		DS3	4.42	4.55	5.57	8.00
		DS4	4.57	5.52	4.50	6.50
		DS5	4.14	4.56	5.32	6.00
2010/09/29	ME	MW1	3.90	4.22	5.14	8.17
		US1	4.04	5.07	5.97	5.83
		US2	4.20	5.00	5.77	6.17

Notes:

1. Cell shaded yellow indicates value exceeding the Action Level.
2. Cell shaded red indicates value exceeding the Limit Level.
3. Asterisk indicates no significant difference in values between the Reference (US1 and US2) and Impact stations where exceedance(s) is/are recorded.