

Quarterly Assessment of Construction Impacts on SS

Significant difference between the quarterly mean and 1.3 times of the ambient mean (Lower-tailed t-test)

Baseline Results (DA)						Impact Monitoring Results (DA)							
STN	DATE	TIDE	SS	DATE	TIDE	SS	STN	DATE	TIDE	SS	DATE	TIDE	SS
C1	6-Feb-03	Mid-Ebb	3	6-Feb-03	Mid-Flood	4	C1	3-Nov-08	MID-EBB	4.65	3-Nov-08	MID-FLOOD	4.69
C1	8-Feb-03	Mid-Ebb	6	8-Feb-03	Mid-Flood	4	C1	5-Nov-08	MID-EBB	6.69	5-Nov-08	MID-FLOOD	6.07
C1	10-Feb-03	Mid-Ebb	2	10-Feb-03	Mid-Flood	3	C1	7-Nov-08	MID-EBB	5.19	7-Nov-08	MID-FLOOD	5.78
C1	14-Feb-03	Mid-Ebb	4	14-Feb-03	Mid-Flood	7	C1	10-Nov-08	MID-EBB	6.18	10-Nov-08	MID-FLOOD	6.15
C1	18-Feb-03	Mid-Ebb	5	17-Feb-03	Mid-Flood	11	C1	12-Nov-08	MID-EBB	7.94	12-Nov-08	MID-FLOOD	6.76
C1	19-Feb-03	Mid-Ebb	6	19-Feb-03	Mid-Flood	9	C1	14-Nov-08	MID-EBB	8.52	14-Nov-08	MID-FLOOD	9.68
C1	21-Feb-03	Mid-Ebb	6	21-Feb-03	Mid-Flood	7	C1	17-Nov-08	MID-EBB	6.96	17-Nov-08	MID-FLOOD	5.89
C1	24-Feb-03	Mid-Ebb	6	24-Feb-03	Mid-Flood	5	C1	19-Nov-08	MID-EBB	6.06	19-Nov-08	MID-FLOOD	7.15
C1	28-Feb-03	Mid-Ebb	5	28-Feb-03	Mid-Flood	7	C1	21-Nov-08	MID-EBB	6.06	21-Nov-08	MID-FLOOD	4.57
C1	3-Mar-03	Mid-Ebb	7	3-Mar-03	Mid-Flood	10	C1	24-Nov-08	MID-EBB	4.43	24-Nov-08	MID-FLOOD	4.94
C1	5-Mar-03	Mid-Ebb	6	5-Mar-03	Mid-Flood	8	C1	26-Nov-08	MID-EBB	3.87	26-Nov-08	MID-FLOOD	4.11
C1	7-Mar-03	Mid-Ebb	7	7-Mar-03	Mid-Flood	8	C1	28-Nov-08	MID-EBB	5.63	28-Nov-08	MID-FLOOD	5.69
C1	10-Mar-03	Mid-Ebb	6	10-Mar-03	Mid-Flood	6	C1	1-Dec-08	MID-EBB	6.48	1-Dec-08	MID-FLOOD	6.02
C1	17-Mar-03	Mid-Ebb	9	17-Mar-03	Mid-Flood	7	C1	3-Dec-08	MID-EBB	5.87	3-Dec-08	MID-FLOOD	7.82
C1	19-Mar-03	Mid-Ebb	8	19-Mar-03	Mid-Flood	10	C1	5-Dec-08	MID-EBB	4.48	5-Dec-08	MID-FLOOD	6.04
C1	22-Mar-03	Mid-Ebb	8	22-Mar-03	Mid-Flood	10	C1	8-Dec-08	MID-EBB	5.57	8-Dec-08	MID-FLOOD	4.96
C1	24-Mar-03	Mid-Ebb	6	24-Mar-03	Mid-Flood	5	C1	10-Dec-08	MID-EBB	5.50	10-Dec-08	MID-FLOOD	5.85
C1	26-Mar-03	Mid-Ebb	6	27-Mar-03	Mid-Flood	5	C1	12-Dec-08	MID-EBB	6.82	12-Dec-08	MID-FLOOD	7.34
C1	31-Mar-03	Mid-Ebb	8	31-Mar-03	Mid-Flood	6	C1	15-Dec-08	MID-EBB	5.82	15-Dec-08	MID-FLOOD	6.83
C1	2-Apr-03	Mid-Ebb	7	2-Apr-03	Mid-Flood	6	C1	17-Dec-08	MID-EBB	4.82	17-Dec-08	MID-FLOOD	7.33
C1	4-Apr-03	Mid-Ebb	7	4-Apr-03	Mid-Flood	7	C1	19-Dec-08	MID-EBB	4.17	19-Dec-08	MID-FLOOD	5.78
C1	7-Apr-03	Mid-Ebb	5	7-Apr-03	Mid-Flood	6	C1	22-Dec-08	MID-EBB	5.32	22-Dec-08	MID-FLOOD	5.35
C1	9-Apr-03	Mid-Ebb	5	9-Apr-03	Mid-Flood	6	C1	24-Dec-08	MID-EBB	4.91	24-Dec-08	MID-FLOOD	4.32
C1	14-Apr-03	Mid-Ebb	5	14-Apr-03	Mid-Flood	5	C1	26-Dec-08	MID-EBB	4.48	26-Dec-08	MID-FLOOD	4.65
C1	16-Apr-03	Mid-Ebb	7	16-Apr-03	Mid-Flood	6	C1	29-Dec-08	MID-EBB	5.54	29-Dec-08	MID-FLOOD	4.96
C2	6-Feb-03	Mid-Ebb	3	6-Feb-03	Mid-Flood	3	C1	31-Dec-08	MID-EBB	4.48	31-Dec-08	MID-FLOOD	5.44
C2	8-Feb-03	Mid-Ebb	5	8-Feb-03	Mid-Flood	3	C1	2-Jan-09	MID-EBB	5.13	2-Jan-09	MID-FLOOD	5.24
C2	10-Feb-03	Mid-Ebb	2	10-Feb-03	Mid-Flood	3	C1	5-Jan-09	MID-EBB	6.91	5-Jan-09	MID-FLOOD	5.59
C2	14-Feb-03	Mid-Ebb	4	14-Feb-03	Mid-Flood	4	C1	7-Jan-09	MID-EBB	5.52	7-Jan-09	MID-FLOOD	5.59
C2	18-Feb-03	Mid-Ebb	5	17-Feb-03	Mid-Flood	5	C1	9-Jan-09	MID-EBB	6.82	9-Jan-09	MID-FLOOD	6.24
C2	19-Feb-03	Mid-Ebb	5	19-Feb-03	Mid-Flood	6	C1	12-Jan-09	MID-EBB	5.59	12-Jan-09	MID-FLOOD	5.61
C2	21-Feb-03	Mid-Ebb	6	21-Feb-03	Mid-Flood	6	C1	14-Jan-09	MID-EBB	11.59	14-Jan-09	MID-FLOOD	6.13
C2	24-Feb-03	Mid-Ebb	8	24-Feb-03	Mid-Flood	4	C1	16-Jan-09	MID-EBB	7.96	16-Jan-09	MID-FLOOD	8.52
C2	28-Feb-03	Mid-Ebb	5	28-Feb-03	Mid-Flood	7	C1	19-Jan-09	MID-EBB	4.04	19-Jan-09	MID-FLOOD	4.65
C2	3-Mar-03	Mid-Ebb	7	3-Mar-03	Mid-Flood	8	C1	21-Jan-09	MID-EBB	7.76	21-Jan-09	MID-FLOOD	5.41
C2	5-Mar-03	Mid-Ebb	5	5-Mar-03	Mid-Flood	8	C1	23-Jan-09	MID-EBB	4.78	23-Jan-09	MID-FLOOD	4.41
C2	7-Mar-03	Mid-Ebb	7	7-Mar-03	Mid-Flood	9	C1	30-Jan-09	MID-EBB	7.22	30-Jan-09	MID-FLOOD	7.15
C2	10-Mar-03	Mid-Ebb	6	10-Mar-03	Mid-Flood	7	C2	3-Nov-08	MID-EBB	4.65	3-Nov-08	MID-FLOOD	4.74
C2	17-Mar-03	Mid-Ebb	6	17-Mar-03	Mid-Flood	7	C2	5-Nov-08	MID-EBB	5.48	5-Nov-08	MID-FLOOD	5.63
C2	19-Mar-03	Mid-Ebb	9	19-Mar-03	Mid-Flood	8	C2	7-Nov-08	MID-EBB	5.22	7-Nov-08	MID-FLOOD	4.58
C2	22-Mar-03	Mid-Ebb	6	22-Mar-03	Mid-Flood	7	C2	10-Nov-08	MID-EBB	6.50	10-Nov-08	MID-FLOOD	6.24
C2	24-Mar-03	Mid-Ebb	4	24-Mar-03	Mid-Flood	4	C2	12-Nov-08	MID-EBB	7.63	12-Nov-08	MID-FLOOD	8.93
C2	26-Mar-03	Mid-Ebb	8	27-Mar-03	Mid-Flood	6	C2	14-Nov-08	MID-EBB	6.39	14-Nov-08	MID-FLOOD	6.69
C2	31-Mar-03	Mid-Ebb	7	31-Mar-03	Mid-Flood	7	C2	17-Nov-08	MID-EBB	6.98	17-Nov-08	MID-FLOOD	6.59
C2	2-Apr-03	Mid-Ebb	7	2-Apr-03	Mid-Flood	5	C2	19-Nov-08	MID-EBB	4.78	19-Nov-08	MID-FLOOD	6.41
C2	4-Apr-03	Mid-Ebb	6	4-Apr-03	Mid-Flood	7	C2	21-Nov-08	MID-EBB	6.98	21-Nov-08	MID-FLOOD	5.04
C2	7-Apr-03	Mid-Ebb	4	7-Apr-03	Mid-Flood	6	C2	24-Nov-08	MID-EBB	3.93	24-Nov-08	MID-FLOOD	4.09
C2	9-Apr-03	Mid-Ebb	6	9-Apr-03	Mid-Flood	5	C2	26-Nov-08	MID-EBB	4.22	26-Nov-08	MID-FLOOD	4.76
C2	14-Apr-03	Mid-Ebb	4	14-Apr-03	Mid-Flood	5	C2	28-Nov-08	MID-EBB	4.76	28-Nov-08	MID-FLOOD	5.22
C2	16-Apr-03	Mid-Ebb	7	16-Apr-03	Mid-Flood	7	C2	1-Dec-08	MID-EBB	5.71	1-Dec-08	MID-FLOOD	5.52
M01	6-Feb-03	Mid-Ebb	7	8-Feb-03	Mid-Flood	7	C2	3-Dec-08	MID-EBB	6.19	3-Dec-08	MID-FLOOD	8.93
M01	14-Feb-03	Mid-Ebb	8	17-Feb-03	Mid-Flood	8	C2	5-Dec-08	MID-EBB	4.32	5-Dec-08	MID-FLOOD	5.58
M01	21-Feb-03	Mid-Ebb	9	24-Feb-03	Mid-Flood	6	C2	8-Dec-08	MID-EBB	4.85	8-Dec-08	MID-FLOOD	4.74
M01	3-Mar-03	Mid-Ebb	9	5-Mar-03	Mid-Flood	8	C2	10-Dec-08	MID-EBB	5.63	10-Dec-08	MID-FLOOD	5.13
M01	10-Mar-03	Mid-Ebb	13	17-Mar-03	Mid-Flood	10	C2	12-Dec-08	MID-EBB	5.82	12-Dec-08	MID-FLOOD	8.24
M01	22-Mar-03	Mid-Ebb	8	24-Mar-03	Mid-Flood	8	C2	15-Dec-08	MID-EBB	6.72	15-Dec-08	MID-FLOOD	6.08
M01	31-Mar-03	Mid-Ebb	8	2-Apr-03	Mid-Flood	7	C2	17-Dec-08	MID-EBB	4.83	17-Dec-08	MID-FLOOD	6.61
M01	7-Apr-03	Mid-Ebb	9	9-Apr-03	Mid-Flood	9	C2	19-Dec-08	MID-EBB	4.71	19-Dec-08	MID-FLOOD	4.87
M01	16-Apr-03	Mid-Ebb	8	6-Feb-03	Mid-Flood	17	C2	22-Dec-08	MID-EBB	5.50	22-Dec-08	MID-FLOOD	5.11
M02	10-Feb-03	Mid-Ebb	16	14-Feb-03	Mid-Flood	10	C2	24-Dec-08	MID-EBB	4.63	24-Dec-08	MID-FLOOD	5.00
M02	19-Feb-03	Mid-Ebb	16	21-Feb-03	Mid-Flood	12	C2	26-Dec-08	MID-EBB	4.54	26-Dec-08	MID-FLOOD	4.83
M02	28-Feb-03	Mid-Ebb	12	3-Mar-03	Mid-Flood	12	C2	29-Dec-08	MID-EBB	4.02	29-Dec-08	MID-FLOOD	4.48
M02	7-Mar-03	Mid-Ebb	16	10-Mar-03	Mid-Flood	18	C2	31-Dec-08	MID-EBB	4.46	31-Dec-08	MID-FLOOD	5.37
M02	19-Mar-03	Mid-Ebb	12	22-Mar-03	Mid-Flood	10	C2	2-Jan-09	MID-EBB	4.98	2-Jan-09	MID-FLOOD	5.13
M02	26-Mar-03	Mid-Ebb	10	31-Mar-03	Mid-Flood	12	C2	5-Jan-09	MID-EBB	7.78	5-Jan-09	MID-FLOOD	6.37
M02	4-Apr-03	Mid-Ebb	10	7-Apr-03	Mid-Flood	9	C2	7-Jan-09	MID-EBB	4.87	7-Jan-09	MID-FLOOD	5.63
M02	14-Apr-03	Mid-Ebb	8	16-Apr-03	Mid-Flood	10	C2	9-Jan-09	MID-EBB	5.54	9-Jan-09	MID-FLOOD	5.00
M03	8-Feb-03	Mid-Ebb	7	10-Feb-03	Mid-Flood	7	C2	12-Jan-09	MID-EBB	5.76	12-Jan-09	MID-FLOOD	6.41
M03	18-Feb-03	Mid-Ebb	10	19-Feb-03	Mid-Flood	8	C2	14-Jan-09	MID-EBB	6.06	14-Jan-09	MID-FLOOD	5.73
M03	24-Feb-03	Mid-Ebb	9	28-Feb-03	Mid-Flood	10	C2	16-Jan-09	MID-EBB	6.84	16-Jan-09	MID-FLOOD	6.45
M03	5-Mar-03	Mid-Ebb	9	7-Mar-03	Mid-Flood	10	C2	19-Jan-09	MID-EBB	4.52	19-Jan-09	MID-FLOOD	5.06
M03	17-Mar-03	Mid-Ebb	8	19-Mar-03	Mid-Flood	10	C2	21-Jan-09	MID-EBB	6.06	21-Jan-09	MID-FLOOD	4.48
M03	24-Mar-03	Mid-Ebb	9	27-Mar-03	Mid-Flood	28	C2	23-Jan-09	MID-EBB	4.80	23-Jan-09	MID-FLOOD	3.71
M03	2-Apr-03	Mid-Ebb	8	4-Apr-03	Mid-Flood	7	C2	30-Jan-09	MID-EBB	6.48	30-Jan-09	MID-FLOOD	8.58
M03	9-Apr-03	Mid-Ebb	8	14-Apr-03	Mid-Flood	11	M01A	3-Nov-08	MID-EBB	5.61	3-Nov-08	MID-FLOOD	10.00
M04	6-Feb-03	Mid-Ebb	6	8-Feb-03	Mid-Flood	7	M01A	5-Nov-08	MID-EBB	7.56	5-Nov-08	MID-FLOOD	6.78
M04	14-Feb-03	Mid-Ebb	10	17-Feb-03	Mid-Flood	9	M01A	7-Nov-08	MID-EBB	8.62	7-Nov-08	MID-FLOOD	7.06
M04	21-Feb-03	Mid-Ebb	7	24-Feb-03	Mid-Flood	7	M01A	10-Nov-08	MID-EBB	7.50	10-Nov-08	MID-FLOOD	10.28
M04	3-Mar-03	Mid-Ebb	8	5-Mar-03	Mid-Flood	10	M01A	12-Nov-08	MID-EBB	9.17	12-Nov-08	MID-FLOOD	7.67
M04	10-Mar-03	Mid-Ebb	9	17-Mar-03	Mid-Flood	9	M01A	14-Nov-08	MID-EBB	9.17	14-Nov-08	MID-FLOOD	8.84
M04	22-Mar-03	Mid-Ebb	7	24-Mar-03	Mid-Flood	8	M01A	17-Nov-08	MID-EBB	7.62	17-Nov-08	MID-FLOOD	11.84
M04	31-Mar-03	Mid-Ebb	9	2-Apr-03	Mid-Flood	8	M01A	19-Nov-08	MID-EBB	7.67	19-Nov-08	MID-FLOOD	11.28
M04	7-Apr-03	Mid-Ebb	8	9-Apr-03	Mid-Flood	8	M01A	21-Nov-08	MID-EBB	8.45	21-Nov-08	MID-FLOOD	6.06
M04	16-Apr-03	Mid-Ebb	6	6-Feb-03	Mid-Flood	6	M01A	24-Nov-08	MID-EBB	6.39	24-Nov-08	MID-FLOOD	7.17
M05	10-Feb-03	Mid-Ebb	8	14-Feb-03	Mid-Flood	7	M01A	26-Nov-08	MID-EBB	7.06	26-Nov-08	MID-FLOOD	5.61
M05	19-Feb-03	Mid-Ebb	8	21-Feb-03	Mid-Flood	6	M01A	28-Nov-08	MID-EBB	6.22	28-Nov-08	MID-FLOOD	5.56
M05	28-Feb-03	Mid-Ebb	7	3-Mar-03	Mid-Flood	9	M01A	1-Dec-08	MID-EBB	7.22	1-Dec-08	MID-FLOOD	7.95
M05	7-Mar-03	Mid-Ebb	8	10-Mar-03	Mid-Flood	14	M01A	3-Dec-08	MID-EBB	6.56	3-Dec-08	MID-FLOOD	7.56
M05	19-Mar-03	Mid-Ebb	7	22-Mar-03	Mid-Flood	8	M01A	5-Dec-08	MID-EBB	5.11	5-Dec-08	MID-FLOOD	5.89
M05	26-Mar-03	Mid-Ebb	7	31-Mar-03	Mid-Flood	7	M01A	8-Dec-08	MID-EBB	7.06	8-Dec-08	MID-FLOOD	6.56
M05	4-Apr-03	Mid-Ebb	8	7-Apr-03	Mid-Flood	6	M01A	10-Dec-08	MID-EBB	6.95	10-Dec-08	MID-FLOOD	5.78
M05	14-Apr-03	Mid-Ebb	7	16-Apr-03	Mid-Flood	6	M01A	12-Dec-08	MID-EBB	6.11	12-Dec-08	MID-FLOOD	5.67
M06	8-Feb-03	Mid-Ebb	5	10-Feb-03	Mid-Flood	8	M01A	15-Dec-08	MID-EBB	7.28	15-Dec-08	MID-FLOOD	8.17
M06	18-Feb-03	Mid-Ebb	9	19-Feb-03	Mid-Flood	10	M01A	17-Dec-08	MID-EBB	5.45	17-Dec-08	MID-FLOOD	6.89
M06	24-Feb-03	Mid-Ebb	7	28-Feb-03	Mid-Flood	9	M01A	19-Dec-08	MID-EBB	6.00	19-Dec-08	MID-FLOOD	5.95
M06	5-Mar-03	Mid-Ebb	10	7-Mar-03	Mid-Flood	10	M01A	22-Dec-08	MID-EBB	4.62	22-Dec-08	MID-FLOOD	5.78
M06	17-Mar-03	Mid-Ebb	7	19-Mar-03	Mid-Flood	10	M01A	24-Dec-08	MID-EBB	5.50	24-Dec-08	MID-FLOOD	5.89
M06													

Baseline Results (DA)							Impact Monitoring Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS	STN	DATE	TIDE	SS	DATE	TIDE	SS
M06	2-Apr-03	Mid-Ebb	7	4-Apr-03	Mid-Flood	7	M01A	29-Dec-08	MID-EBB	5.17	29-Dec-08	MID-FLOOD	6.39
M06	9-Apr-03	Mid-Ebb	8	14-Apr-03	Mid-Flood	10	M01A	31-Dec-08	MID-EBB	6.89	31-Dec-08	MID-FLOOD	6.95
M07	6-Feb-03	Mid-Ebb	4	6-Feb-03	Mid-Flood	5	M01A	2-Jan-09	MID-EBB	8.17	2-Jan-09	MID-FLOOD	7.84
M07	8-Feb-03	Mid-Ebb	4	8-Feb-03	Mid-Flood	5	M01A	5-Jan-09	MID-EBB	6.50	5-Jan-09	MID-FLOOD	7.61
M07	10-Feb-03	Mid-Ebb	5	10-Feb-03	Mid-Flood	4	M01A	7-Jan-09	MID-EBB	6.17	7-Jan-09	MID-FLOOD	7.95
M07	14-Feb-03	Mid-Ebb	5	14-Feb-03	Mid-Flood	5	M01A	9-Jan-09	MID-EBB	7.22	9-Jan-09	MID-FLOOD	7.17
M07	18-Feb-03	Mid-Ebb	5	17-Feb-03	Mid-Flood	7	M01A	12-Jan-09	MID-EBB	8.34	12-Jan-09	MID-FLOOD	8.11
M07	19-Feb-03	Mid-Ebb	9	19-Feb-03	Mid-Flood	8	M01A	14-Jan-09	MID-EBB	7.56	14-Jan-09	MID-FLOOD	8.61
M07	21-Feb-03	Mid-Ebb	7	21-Feb-03	Mid-Flood	7	M01A	16-Jan-09	MID-EBB	7.33	16-Jan-09	MID-FLOOD	7.67
M07	24-Feb-03	Mid-Ebb	5	24-Feb-03	Mid-Flood	6	M01A	19-Jan-09	MID-EBB	6.39	19-Jan-09	MID-FLOOD	6.22
M07	28-Feb-03	Mid-Ebb	6	28-Feb-03	Mid-Flood	7	M01A	21-Jan-09	MID-EBB	6.84	21-Jan-09	MID-FLOOD	5.56
M07	3-Mar-03	Mid-Ebb	8	3-Mar-03	Mid-Flood	7	M01A	23-Jan-09	MID-EBB	5.67	23-Jan-09	MID-FLOOD	5.33
M07	5-Mar-03	Mid-Ebb	6	5-Mar-03	Mid-Flood	7	M01A	30-Jan-09	MID-EBB	8.17	30-Jan-09	MID-FLOOD	8.84
M07	7-Mar-03	Mid-Ebb	7	7-Mar-03	Mid-Flood	8	M02A	3-Nov-08	MID-EBB	5.17	3-Nov-08	MID-FLOOD	16.06
M07	10-Mar-03	Mid-Ebb	6	10-Mar-03	Mid-Flood	7	M02A	5-Nov-08	MID-EBB	9.28	5-Nov-08	MID-FLOOD	5.84
M07	17-Mar-03	Mid-Ebb	8	17-Mar-03	Mid-Flood	7	M02A	7-Nov-08	MID-EBB	5.56	7-Nov-08	MID-FLOOD	8.17
M07	19-Mar-03	Mid-Ebb	11	19-Mar-03	Mid-Flood	9	M02A	10-Nov-08	MID-EBB	7.84	10-Nov-08	MID-FLOOD	6.95
M07	22-Mar-03	Mid-Ebb	8	22-Mar-03	Mid-Flood	9	M02A	12-Nov-08	MID-EBB	11.22	12-Nov-08	MID-FLOOD	6.89
M07	24-Mar-03	Mid-Ebb	10	24-Mar-03	Mid-Flood	7	M02A	14-Nov-08	MID-EBB	8.22	14-Nov-08	MID-FLOOD	10.61
M07	26-Mar-03	Mid-Ebb	8	27-Mar-03	Mid-Flood	6	M02A	17-Nov-08	MID-EBB	7.45	17-Nov-08	MID-FLOOD	
M07	31-Mar-03	Mid-Ebb	7	31-Mar-03	Mid-Flood	6	M02A	19-Nov-08	MID-EBB	9.33	19-Nov-08	MID-FLOOD	8.00
M07	2-Apr-03	Mid-Ebb	7	2-Apr-03	Mid-Flood	5	M02A	21-Nov-08	MID-EBB	9.17	21-Nov-08	MID-FLOOD	7.00
M07	4-Apr-03	Mid-Ebb	6	4-Apr-03	Mid-Flood	6	M02A	24-Nov-08	MID-EBB	6.45	24-Nov-08	MID-FLOOD	6.78
M07	7-Apr-03	Mid-Ebb	7	7-Apr-03	Mid-Flood	5	M02A	26-Nov-08	MID-EBB	6.67	26-Nov-08	MID-FLOOD	7.67
M07	9-Apr-03	Mid-Ebb	6	9-Apr-03	Mid-Flood	6	M02A	28-Nov-08	MID-EBB	7.61	28-Nov-08	MID-FLOOD	8.50
M07	14-Apr-03	Mid-Ebb	5	14-Apr-03	Mid-Flood	9	M02A	1-Dec-08	MID-EBB	8.22	1-Dec-08	MID-FLOOD	8.28
M07	16-Apr-03	Mid-Ebb	7	16-Apr-03	Mid-Flood	8	M02A	3-Dec-08	MID-EBB	7.95	3-Dec-08	MID-FLOOD	9.00
M08	6-Feb-03	Mid-Ebb	4	6-Feb-03	Mid-Flood	5	M02A	5-Dec-08	MID-EBB	5.67	5-Dec-08	MID-FLOOD	7.22
M08	8-Feb-03	Mid-Ebb	5	8-Feb-03	Mid-Flood	5	M02A	8-Dec-08	MID-EBB	6.73	8-Dec-08	MID-FLOOD	7.50
M08	10-Feb-03	Mid-Ebb	5	10-Feb-03	Mid-Flood	4	M02A	10-Dec-08	MID-EBB	6.28	10-Dec-08	MID-FLOOD	9.28
M08	14-Feb-03	Mid-Ebb	5	14-Feb-03	Mid-Flood	4	M02A	12-Dec-08	MID-EBB	7.95	12-Dec-08	MID-FLOOD	6.45
M08	18-Feb-03	Mid-Ebb	6	17-Feb-03	Mid-Flood	8	M02A	15-Dec-08	MID-EBB	7.95	15-Dec-08	MID-FLOOD	7.00
M08	19-Feb-03	Mid-Ebb	7	19-Feb-03	Mid-Flood	10	M02A	17-Dec-08	MID-EBB	6.56	17-Dec-08	MID-FLOOD	8.95
M08	21-Feb-03	Mid-Ebb	8	21-Feb-03	Mid-Flood	6	M02A	19-Dec-08	MID-EBB	11.61	19-Dec-08	MID-FLOOD	6.50
M08	24-Feb-03	Mid-Ebb	6	24-Feb-03	Mid-Flood	4	M02A	22-Dec-08	MID-EBB	4.39	22-Dec-08	MID-FLOOD	5.50
M08	28-Feb-03	Mid-Ebb	5	28-Feb-03	Mid-Flood	7	M02A	24-Dec-08	MID-EBB	5.89	24-Dec-08	MID-FLOOD	5.11
M08	3-Mar-03	Mid-Ebb	7	3-Mar-03	Mid-Flood	8	M02A	26-Dec-08	MID-EBB	6.78	26-Dec-08	MID-FLOOD	5.11
M08	5-Mar-03	Mid-Ebb	6	5-Mar-03	Mid-Flood	7	M02A	29-Dec-08	MID-EBB	6.06	29-Dec-08	MID-FLOOD	6.17
M08	7-Mar-03	Mid-Ebb	7	7-Mar-03	Mid-Flood	7	M02A	31-Dec-08	MID-EBB	8.50	31-Dec-08	MID-FLOOD	6.22
M08	10-Mar-03	Mid-Ebb	9	10-Mar-03	Mid-Flood	6	M02A	2-Jan-09	MID-EBB	8.17	2-Jan-09	MID-FLOOD	6.89
M08	17-Mar-03	Mid-Ebb	8	17-Mar-03	Mid-Flood	9	M02A	5-Jan-09	MID-EBB	15.22	5-Jan-09	MID-FLOOD	7.73
M08	19-Mar-03	Mid-Ebb	10	19-Mar-03	Mid-Flood	9	M02A	7-Jan-09	MID-EBB	6.17	7-Jan-09	MID-FLOOD	9.34
M08	22-Mar-03	Mid-Ebb	7	22-Mar-03	Mid-Flood	10	M02A	9-Jan-09	MID-EBB	12.39	9-Jan-09	MID-FLOOD	13.33
M08	24-Mar-03	Mid-Ebb	6	24-Mar-03	Mid-Flood	7	M02A	12-Jan-09	MID-EBB	9.45	12-Jan-09	MID-FLOOD	8.11
M08	26-Mar-03	Mid-Ebb	6	27-Mar-03	Mid-Flood	5	M02A	14-Jan-09	MID-EBB	8.39	14-Jan-09	MID-FLOOD	9.22
M08	31-Mar-03	Mid-Ebb	7	31-Mar-03	Mid-Flood	5	M02A	16-Jan-09	MID-EBB	6.22	16-Jan-09	MID-FLOOD	7.84
M08	2-Apr-03	Mid-Ebb	7	2-Apr-03	Mid-Flood	6	M02A	19-Jan-09	MID-EBB	6.89	19-Jan-09	MID-FLOOD	5.33
M08	4-Apr-03	Mid-Ebb	7	4-Apr-03	Mid-Flood	6	M02A	21-Jan-09	MID-EBB	6.78	21-Jan-09	MID-FLOOD	6.22
M08	7-Apr-03	Mid-Ebb	7	7-Apr-03	Mid-Flood	5	M02A	23-Jan-09	MID-EBB	7.45	23-Jan-09	MID-FLOOD	12.95
M08	9-Apr-03	Mid-Ebb	5	9-Apr-03	Mid-Flood	5	M02A	30-Jan-09	MID-EBB	6.89	30-Jan-09	MID-FLOOD	9.73
M08	14-Apr-03	Mid-Ebb	6	14-Apr-03	Mid-Flood	6	M03MSA	3-Nov-08	MID-EBB	4.89	3-Nov-08	MID-FLOOD	9.50
M08	16-Apr-03	Mid-Ebb	7	16-Apr-03	Mid-Flood	8	M03MSA	3-Nov-08	MID-EBB	4.89	3-Nov-08	MID-FLOOD	9.50
M09	6-Feb-03	Mid-Ebb	6	6-Feb-03	Mid-Flood	5	M03MSA	5-Nov-08	MID-EBB	9.17	5-Nov-08	MID-FLOOD	6.39
M09	8-Feb-03	Mid-Ebb	6	8-Feb-03	Mid-Flood	5	M03MSA	5-Nov-08	MID-EBB	9.17	5-Nov-08	MID-FLOOD	6.39
M09	10-Feb-03	Mid-Ebb	5	10-Feb-03	Mid-Flood	4	M03MSA	7-Nov-08	MID-EBB	5.95	7-Nov-08	MID-FLOOD	6.33
M09	14-Feb-03	Mid-Ebb	5	14-Feb-03	Mid-Flood	5	M03MSA	7-Nov-08	MID-EBB	5.95	7-Nov-08	MID-FLOOD	6.33
M09	18-Feb-03	Mid-Ebb	6	17-Feb-03	Mid-Flood	6	M03MSA	10-Nov-08	MID-EBB	8.56	10-Nov-08	MID-FLOOD	6.67
M09	19-Feb-03	Mid-Ebb	6	19-Feb-03	Mid-Flood	6	M03MSA	10-Nov-08	MID-EBB	8.56	10-Nov-08	MID-FLOOD	6.67
M09	21-Feb-03	Mid-Ebb	7	21-Feb-03	Mid-Flood	7	M03MSA	12-Nov-08	MID-EBB	11.06	12-Nov-08	MID-FLOOD	8.28
M09	24-Feb-03	Mid-Ebb	7	24-Feb-03	Mid-Flood	7	M03MSA	12-Nov-08	MID-EBB	11.06	12-Nov-08	MID-FLOOD	8.28
M09	28-Feb-03	Mid-Ebb	6	28-Feb-03	Mid-Flood	7	M03MSA	14-Nov-08	MID-EBB	8.56	14-Nov-08	MID-FLOOD	16.11
M09	3-Mar-03	Mid-Ebb	7	3-Mar-03	Mid-Flood	7	M03MSA	14-Nov-08	MID-EBB	8.56	14-Nov-08	MID-FLOOD	16.11
M09	5-Mar-03	Mid-Ebb	6	5-Mar-03	Mid-Flood	6	M03MSA	17-Nov-08	MID-EBB	8.39	17-Nov-08	MID-FLOOD	
M09	7-Mar-03	Mid-Ebb	7	7-Mar-03	Mid-Flood	8	M03MSA	17-Nov-08	MID-EBB	8.39	17-Nov-08	MID-FLOOD	
M09	10-Mar-03	Mid-Ebb	7	10-Mar-03	Mid-Flood	7	M03MSA	19-Nov-08	MID-EBB	7.95	19-Nov-08	MID-FLOOD	8.22
M09	17-Mar-03	Mid-Ebb	10	17-Mar-03	Mid-Flood	8	M03MSA	19-Nov-08	MID-EBB	7.95	19-Nov-08	MID-FLOOD	8.22
M09	19-Mar-03	Mid-Ebb	10	19-Mar-03	Mid-Flood	9	M03MSA	21-Nov-08	MID-EBB	9.78	21-Nov-08	MID-FLOOD	6.45
M09	22-Mar-03	Mid-Ebb	8	22-Mar-03	Mid-Flood	9	M03MSA	21-Nov-08	MID-EBB	9.78	21-Nov-08	MID-FLOOD	6.45
M09	24-Mar-03	Mid-Ebb	10	24-Mar-03	Mid-Flood	7	M03MSA	24-Nov-08	MID-EBB	6.06	24-Nov-08	MID-FLOOD	9.28
M09	26-Mar-03	Mid-Ebb	11	27-Mar-03	Mid-Flood	6	M03MSA	24-Nov-08	MID-EBB	6.06	24-Nov-08	MID-FLOOD	9.28
M09	31-Mar-03	Mid-Ebb	7	31-Mar-03	Mid-Flood	7	M03MSA	26-Nov-08	MID-EBB	6.50	26-Nov-08	MID-FLOOD	5.39
M09	2-Apr-03	Mid-Ebb	7	2-Apr-03	Mid-Flood	5	M03MSA	26-Nov-08	MID-EBB	6.50	26-Nov-08	MID-FLOOD	5.39
M09	4-Apr-03	Mid-Ebb	7	4-Apr-03	Mid-Flood	5	M03MSA	28-Nov-08	MID-EBB	7.17	28-Nov-08	MID-FLOOD	8.50
M09	7-Apr-03	Mid-Ebb	7	7-Apr-03	Mid-Flood	5	M03MSA	28-Nov-08	MID-EBB	7.17	28-Nov-08	MID-FLOOD	8.50
M09	9-Apr-03	Mid-Ebb	6	9-Apr-03	Mid-Flood	4	M03MSA	1-Dec-08	MID-EBB	8.22	1-Dec-08	MID-FLOOD	8.06
M09	14-Apr-03	Mid-Ebb	5	14-Apr-03	Mid-Flood	6	M03MSA	1-Dec-08	MID-EBB	8.22	1-Dec-08	MID-FLOOD	8.06
M09	16-Apr-03	Mid-Ebb	7	16-Apr-03	Mid-Flood	7	M03MSA	3-Dec-08	MID-EBB	8.50	3-Dec-08	MID-FLOOD	9.00
M10	6-Feb-03	Mid-Ebb	3	6-Feb-03	Mid-Flood	5	M03MSA	3-Dec-08	MID-EBB	8.50	3-Dec-08	MID-FLOOD	9.00
M10	8-Feb-03	Mid-Ebb	6	8-Feb-03	Mid-Flood	5	M03MSA	5-Dec-08	MID-EBB	5.95	5-Dec-08	MID-FLOOD	6.73
M10	10-Feb-03	Mid-Ebb	5	10-Feb-03	Mid-Flood	4	M03MSA	5-Dec-08	MID-EBB	5.95	5-Dec-08	MID-FLOOD	6.73
M10	14-Feb-03	Mid-Ebb	5	14-Feb-03	Mid-Flood	6	M03MSA	8-Dec-08	MID-EBB	5.50	8-Dec-08	MID-FLOOD	9.73
M10	18-Feb-03	Mid-Ebb	6	17-Feb-03	Mid-Flood	8	M03MSA	8-Dec-08	MID-EBB	5.50	8-Dec-08	MID-FLOOD	9.73
M10	19-Feb-03	Mid-Ebb	6	19-Feb-03	Mid-Flood	8	M03MSA	10-Dec-08	MID-EBB	8.67	10-Dec-08	MID-FLOOD	8.17
M10	21-Feb-03	Mid-Ebb	8	21-Feb-03	Mid-Flood	6	M03MSA	10-Dec-08	MID-EBB	8.67	10-Dec-08	MID-FLOOD	8.17
M10	24-Feb-03	Mid-Ebb	6	24-Feb-03	Mid-Flood	5	M03MSA	12-Dec-08	MID-EBB	7.56	12-Dec-08	MID-FLOOD	6.67
M10	28-Feb-03	Mid-Ebb	4	28-Feb-03	Mid-Flood	7	M03MSA	12-Dec-08	MID-EBB	7.56	12-Dec-08	MID-FLOOD	6.67
M10	3-Mar-03	Mid-Ebb	7	3-Mar-03	Mid-Flood	9	M03MSA	15-Dec-08	MID-EBB	8.78	15-Dec-08	MID-FLOOD	6.73
M10	5-Mar-03	Mid-Ebb	6	5-Mar-03	Mid-Flood	6	M03MSA	15-Dec-08	MID-EBB	8.78	15-Dec-08	MID-FLOOD	6.73
M10	7-Mar-03	Mid-Ebb	8	7-Mar-03	Mid-Flood	8	M03MSA	17-Dec-08	MID-EBB	6.00	17-Dec-08	MID-FLOOD	6.56
M10	10-Mar-03	Mid-Ebb	6	10-Mar-03	Mid-Flood	7	M03MSA	17-Dec-08	MID-EBB	6.00	17-Dec-08	MID-FLOOD	6.56
M10	17-Mar-03	Mid-Ebb	8	17-Mar-03	Mid-Flood	7	M03MSA	19-Dec-08	MID-EBB	11.22	19-Dec-08	MID-FLOOD	7.22
M10	19-Mar-03	Mid-Ebb	10	19-Mar-03	Mid-Flood	10	M03MSA	19-Dec-08	MID-EBB	11.22	19-Dec-08	MID-FLOOD	7.22
M10	22-Mar-03	Mid-Ebb	7	22-Mar-03	Mid-Flood	10	M03MSA	22-Dec-08	MID-EBB	4.00	22-Dec-08	MID-FLOOD	5.78
M10	24-Mar-03	Mid-Ebb	5	24-Mar-03	Mid-Flood	8	M03MSA	22-Dec-08	MID-EBB	4.00	22-Dec-08	MID-FLOOD	5.78
M10	26-Mar-03	Mid-Ebb	7	27-Mar-03	Mid-Flood	5	M03MSA	24-Dec-08	MID-EBB	5.50	24-Dec-08	MID-FLOOD	5.50
M10	31-Mar-03	Mid-Ebb	8	31-Mar-03	Mid-Flood	6	M03MSA	24-Dec-08	MID-EBB	5.50	24-Dec-08	MID-FLOOD	5.50
M10	2-Apr-03	Mid-Ebb</											

Baseline Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS
M11	6-Feb-03	Mid-Ebb	6	8-Feb-03	Mid-Flood	6
M11	14-Feb-03	Mid-Ebb	8	17-Feb-03	Mid-Flood	8
M11	21-Feb-03	Mid-Ebb	9	24-Feb-03	Mid-Flood	8
M11	3-Mar-03	Mid-Ebb	9	5-Mar-03	Mid-Flood	9
M11	10-Mar-03	Mid-Ebb	10	17-Mar-03	Mid-Flood	11
M11	22-Mar-03	Mid-Ebb	10	24-Mar-03	Mid-Flood	7
M11	31-Mar-03	Mid-Ebb	9	2-Apr-03	Mid-Flood	8
M11	7-Apr-03	Mid-Ebb	8	9-Apr-03	Mid-Flood	8
M11	16-Apr-03	Mid-Ebb	7	6-Feb-03	Mid-Flood	5
M12	10-Feb-03	Mid-Ebb	7	14-Feb-03	Mid-Flood	7
M12	19-Feb-03	Mid-Ebb	9	21-Feb-03	Mid-Flood	9
M12	28-Feb-03	Mid-Ebb	9	3-Mar-03	Mid-Flood	10
M12	7-Mar-03	Mid-Ebb	9	10-Mar-03	Mid-Flood	9
M12	19-Mar-03	Mid-Ebb	10	22-Mar-03	Mid-Flood	8
M12	26-Mar-03	Mid-Ebb	8	31-Mar-03	Mid-Flood	9
M12	4-Apr-03	Mid-Ebb	8	7-Apr-03	Mid-Flood	10
M12	14-Apr-03	Mid-Ebb	8	16-Apr-03	Mid-Flood	3

$$n_1 = 434$$

$$\bar{X}_1 = 7.1$$

$$\sigma_1 = 2.3$$

$$\bar{X}_1 \pm 1.3 = 9.3$$

By applying the equation:

$$Z = \frac{\bar{X} - \mu_0}{\sigma / \sqrt{n}}$$

& testing

$$H_0: \mu = \mu_0$$

$$Z_{0.05} = -1.645$$

$$\bar{X} - \mu_0 = -2.40$$

$$\sigma / \sqrt{n} = 0.07$$

Thus,

$$z = -34.74$$

Reject H_0 ?:

YES ($z < -z_{0.05}$)

Therefore, the null hypothesis must be rejected in favor of the alternate hypothesis, i.e., the quarterly mean is significantly less than 1.3 times the ambient mean recorded during baseline monitoring.

Impact Monitoring Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS
M03MSA	2-Jan-09	MID-EBB	7.62	2-Jan-09	MID-FLOOD	7.06
M03MSA	2-Jan-09	MID-EBB	7.62	2-Jan-09	MID-FLOOD	7.06
M03MSA	5-Jan-09	MID-EBB	12.28	5-Jan-09	MID-FLOOD	8.00
M03MSA	5-Jan-09	MID-EBB	12.28	5-Jan-09	MID-FLOOD	8.00
M03MSA	7-Jan-09	MID-EBB	5.73	7-Jan-09	MID-FLOOD	9.50
M03MSA	7-Jan-09	MID-EBB	5.73	7-Jan-09	MID-FLOOD	9.50
M03MSA	9-Jan-09	MID-EBB	10.28	9-Jan-09	MID-FLOOD	10.45
M03MSA	9-Jan-09	MID-EBB	10.28	9-Jan-09	MID-FLOOD	10.45
M03MSA	12-Jan-09	MID-EBB	9.56	12-Jan-09	MID-FLOOD	8.50
M03MSA	12-Jan-09	MID-EBB	9.56	12-Jan-09	MID-FLOOD	8.50
M03MSA	14-Jan-09	MID-EBB	7.50	14-Jan-09	MID-FLOOD	10.45
M03MSA	14-Jan-09	MID-EBB	7.50	14-Jan-09	MID-FLOOD	10.45
M03MSA	16-Jan-09	MID-EBB	6.95	16-Jan-09	MID-FLOOD	8.78
M03MSA	16-Jan-09	MID-EBB	6.95	16-Jan-09	MID-FLOOD	8.78
M03MSA	19-Jan-09	MID-EBB	7.00	19-Jan-09	MID-FLOOD	5.95
M03MSA	19-Jan-09	MID-EBB	7.00	19-Jan-09	MID-FLOOD	5.95
M03MSA	21-Jan-09	MID-EBB	6.50	21-Jan-09	MID-FLOOD	5.89
M03MSA	21-Jan-09	MID-EBB	6.50	21-Jan-09	MID-FLOOD	5.89
M03MSA	23-Jan-09	MID-EBB	8.61	23-Jan-09	MID-FLOOD	9.39
M03MSA	23-Jan-09	MID-EBB	8.61	23-Jan-09	MID-FLOOD	9.39
M03MSA	30-Jan-09	MID-EBB	6.61	30-Jan-09	MID-FLOOD	9.11
M03MSA	30-Jan-09	MID-EBB	6.61	30-Jan-09	MID-FLOOD	9.11
M04B	3-Nov-08	MID-EBB	6.73	3-Nov-08	MID-FLOOD	14.89
M04B	5-Nov-08	MID-EBB	7.89	5-Nov-08	MID-FLOOD	6.06
M04B	7-Nov-08	MID-EBB	5.67	7-Nov-08	MID-FLOOD	9.56
M04B	10-Nov-08	MID-EBB	6.95	10-Nov-08	MID-FLOOD	8.17
M04B	12-Nov-08	MID-EBB	10.50	12-Nov-08	MID-FLOOD	7.67
M04B	14-Nov-08	MID-EBB	8.56	14-Nov-08	MID-FLOOD	11.00
M04B	17-Nov-08	MID-EBB	8.39	17-Nov-08	MID-FLOOD	
M04B	19-Nov-08	MID-EBB	5.67	19-Nov-08	MID-FLOOD	8.06
M04B	21-Nov-08	MID-EBB	6.11	21-Nov-08	MID-FLOOD	5.28
M04B	24-Nov-08	MID-EBB	5.39	24-Nov-08	MID-FLOOD	7.61
M04B	26-Nov-08	MID-EBB	7.84	26-Nov-08	MID-FLOOD	7.67
M04B	28-Nov-08	MID-EBB	7.56	28-Nov-08	MID-FLOOD	6.50
M04B	1-Dec-08	MID-EBB	8.17	1-Dec-08	MID-FLOOD	7.17
M04B	3-Dec-08	MID-EBB	7.45	3-Dec-08	MID-FLOOD	9.17
M04B	5-Dec-08	MID-EBB	4.89	5-Dec-08	MID-FLOOD	8.00
M04B	8-Dec-08	MID-EBB	6.39	8-Dec-08	MID-FLOOD	9.00
M04B	10-Dec-08	MID-EBB	5.95	10-Dec-08	MID-FLOOD	16.56
M04B	12-Dec-08	MID-EBB	7.28	12-Dec-08	MID-FLOOD	7.95
M04B	15-Dec-08	MID-EBB	6.95	15-Dec-08	MID-FLOOD	8.11
M04B	17-Dec-08	MID-EBB	6.89	17-Dec-08	MID-FLOOD	7.73
M04B	19-Dec-08	MID-EBB	8.06	19-Dec-08	MID-FLOOD	6.45
M04B	22-Dec-08	MID-EBB	4.00	22-Dec-08	MID-FLOOD	4.73
M04B	24-Dec-08	MID-EBB	5.33	24-Dec-08	MID-FLOOD	6.06
M04B	26-Dec-08	MID-EBB	6.45	26-Dec-08	MID-FLOOD	5.73
M04B	29-Dec-08	MID-EBB	5.67	29-Dec-08	MID-FLOOD	5.45
M04B	31-Dec-08	MID-EBB	7.67	31-Dec-08	MID-FLOOD	5.84
M04B	2-Jan-09	MID-EBB	9.33	2-Jan-09	MID-FLOOD	7.06
M04B	5-Jan-09	MID-EBB	14.67	5-Jan-09	MID-FLOOD	7.73
M04B	7-Jan-09	MID-EBB	5.95	7-Jan-09	MID-FLOOD	11.78
M04B	9-Jan-09	MID-EBB	10.84	9-Jan-09	MID-FLOOD	9.50
M04B	12-Jan-09	MID-EBB	9.84	12-Jan-09	MID-FLOOD	7.84
M04B	14-Jan-09	MID-EBB	8.45	14-Jan-09	MID-FLOOD	8.34
M04B	16-Jan-09	MID-EBB	6.11	16-Jan-09	MID-FLOOD	8.61
M04B	19-Jan-09	MID-EBB	6.67	19-Jan-09	MID-FLOOD	5.28
M04B	21-Jan-09	MID-EBB	6.28	21-Jan-09	MID-FLOOD	5.00
M04B	23-Jan-09	MID-EBB	7.56	23-Jan-09	MID-FLOOD	9.73
M04B	30-Jan-09	MID-EBB	7.06	30-Jan-09	MID-FLOOD	10.50
M05B	3-Nov-08	MID-EBB	5.00	3-Nov-08	MID-FLOOD	14.28
M05B	5-Nov-08	MID-EBB	9.78	5-Nov-08	MID-FLOOD	5.89
M05B	7-Nov-08	MID-EBB	4.50	7-Nov-08	MID-FLOOD	4.73
M05B	10-Nov-08	MID-EBB	8.06	10-Nov-08	MID-FLOOD	13.50
M05B	12-Nov-08	MID-EBB	10.50	12-Nov-08	MID-FLOOD	8.00
M05B	14-Nov-08	MID-EBB	7.84	14-Nov-08	MID-FLOOD	11.45
M05B	17-Nov-08	MID-EBB	8.56	17-Nov-08	MID-FLOOD	
M05B	19-Nov-08	MID-EBB	8.61	19-Nov-08	MID-FLOOD	8.00
M05B	21-Nov-08	MID-EBB	5.89	21-Nov-08	MID-FLOOD	6.78
M05B	24-Nov-08	MID-EBB	5.17	24-Nov-08	MID-FLOOD	9.39
M05B	26-Nov-08	MID-EBB	8.23	26-Nov-08	MID-FLOOD	5.22
M05B	28-Nov-08	MID-EBB	6.17	28-Nov-08	MID-FLOOD	9.39
M05B	1-Dec-08	MID-EBB	8.22	1-Dec-08	MID-FLOOD	7.73
M05B	3-Dec-08	MID-EBB	8.11	3-Dec-08	MID-FLOOD	7.50
M05B	5-Dec-08	MID-EBB	5.00	5-Dec-08	MID-FLOOD	6.78
M05B	8-Dec-08	MID-EBB	6.78	8-Dec-08	MID-FLOOD	7.39
M05B	10-Dec-08	MID-EBB	8.28	10-Dec-08	MID-FLOOD	8.11
M05B	12-Dec-08	MID-EBB	8.11	12-Dec-08	MID-FLOOD	6.22
M05B	15-Dec-08	MID-EBB	8.73	15-Dec-08	MID-FLOOD	6.50
M05B	17-Dec-08	MID-EBB	7.06	17-Dec-08	MID-FLOOD	6.56
M05B	19-Dec-08	MID-EBB	7.22	19-Dec-08	MID-FLOOD	6.33
M05B	22-Dec-08	MID-EBB	4.45	22-Dec-08	MID-FLOOD	5.17
M05B	24-Dec-08	MID-EBB	5.45	24-Dec-08	MID-FLOOD	6.22
M05B	26-Dec-08	MID-EBB	6.28	26-Dec-08	MID-FLOOD	5.33
M05B	29-Dec-08	MID-EBB	6.33	29-Dec-08	MID-FLOOD	5.95
M05B	31-Dec-08	MID-EBB	11.17	31-Dec-08	MID-FLOOD	6.50
M05B	2-Jan-09	MID-EBB	7.95	2-Jan-09	MID-FLOOD	6.61
M05B	5-Jan-09	MID-EBB	11.73	5-Jan-09	MID-FLOOD	7.73
M05B	7-Jan-09	MID-EBB	7.22	7-Jan-09	MID-FLOOD	8.44
M05B	9-Jan-09	MID-EBB	9.22	9-Jan-09	MID-FLOOD	7.06
M05B	12-Jan-09	MID-EBB	9.78	12-Jan-09	MID-FLOOD	9.61
M05B	14-Jan-09	MID-EBB	7.95	14-Jan-09	MID-FLOOD	8.50
M05B	16-Jan-09	MID-EBB	6.56	16-Jan-09	MID-FLOOD	8.50
M05B	19-Jan-09	MID-EBB	7.17	19-Jan-09	MID-FLOOD	6.73
M05B	21-Jan-09	MID-EBB	10.95	21-Jan-09	MID-FLOOD	6.84
M05B	23-Jan-09	MID-EBB	6.50	23-Jan-09	MID-FLOOD	6.61
M05B	30-Jan-09	MID-EBB	6.78	30-Jan-09	MID-FLOOD	9.84
M06	3-Nov-08	MID-EBB	5.39	3-Nov-08	MID-FLOOD	7.45
M06	5-Nov-08	MID-EBB	8.11	5-Nov-08	MID-FLOOD	6.17

Baseline Results (DA)							Impact Monitoring Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS	STN	DATE	TIDE	SS	DATE	TIDE	SS
M06	7-Nov-08	MID-EBB	4.78	7-Nov-08	MID-FLOOD	4.84							
M06	10-Nov-08	MID-EBB	7.06	10-Nov-08	MID-FLOOD	9.34							
M06	12-Nov-08	MID-EBB	8.00	12-Nov-08	MID-FLOOD	13.11							
M06	14-Nov-08	MID-EBB	11.89	14-Nov-08	MID-FLOOD	10.84							
M06	17-Nov-08	MID-EBB	6.84	17-Nov-08	MID-FLOOD	8.84							
M06	19-Nov-08	MID-EBB	7.06	19-Nov-08	MID-FLOOD	10.06							
M06	21-Nov-08	MID-EBB	5.39	21-Nov-08	MID-FLOOD	7.06							
M06	24-Nov-08	MID-EBB	7.11	24-Nov-08	MID-FLOOD	9.17							
M06	26-Nov-08	MID-EBB	5.33	26-Nov-08	MID-FLOOD	5.73							
M06	28-Nov-08	MID-EBB	7.06	28-Nov-08	MID-FLOOD	6.28							
M06	1-Dec-08	MID-EBB	9.84	1-Dec-08	MID-FLOOD	11.50							
M06	3-Dec-08	MID-EBB	6.56	3-Dec-08	MID-FLOOD	10.06							
M06	5-Dec-08	MID-EBB	5.11	5-Dec-08	MID-FLOOD	8.78							
M06	8-Dec-08	MID-EBB	10.22	8-Dec-08	MID-FLOOD	8.56							
M06	10-Dec-08	MID-EBB	10.84	10-Dec-08	MID-FLOOD	9.39							
M06	12-Dec-08	MID-EBB	6.06	12-Dec-08	MID-FLOOD	6.84							
M06	15-Dec-08	MID-EBB	7.28	15-Dec-08	MID-FLOOD	9.45							
M06	17-Dec-08	MID-EBB	5.84	17-Dec-08	MID-FLOOD	8.84							
M06	19-Dec-08	MID-EBB	7.17	19-Dec-08	MID-FLOOD	8.11							
M06	22-Dec-08	MID-EBB	4.78	22-Dec-08	MID-FLOOD	5.62							
M06	24-Dec-08	MID-EBB	5.56	24-Dec-08	MID-FLOOD	4.89							
M06	26-Dec-08	MID-EBB	7.56	26-Dec-08	MID-FLOOD	6.28							
M06	29-Dec-08	MID-EBB	6.23	29-Dec-08	MID-FLOOD	5.89							
M06	31-Dec-08	MID-EBB	5.89	31-Dec-08	MID-FLOOD	8.73							
M06	2-Jan-09	MID-EBB	6.73	2-Jan-09	MID-FLOOD	8.67							
M06	5-Jan-09	MID-EBB	5.73	5-Jan-09	MID-FLOOD	7.56							
M06	7-Jan-09	MID-EBB	6.17	7-Jan-09	MID-FLOOD	8.78							
M06	9-Jan-09	MID-EBB	6.50	9-Jan-09	MID-FLOOD	7.06							
M06	12-Jan-09	MID-EBB	7.45	12-Jan-09	MID-FLOOD	9.33							
M06	14-Jan-09	MID-EBB	6.39	14-Jan-09	MID-FLOOD	9.06							
M06	16-Jan-09	MID-EBB	8.00	16-Jan-09	MID-FLOOD	7.28							
M06	19-Jan-09	MID-EBB	6.73	19-Jan-09	MID-FLOOD	5.50							
M06	21-Jan-09	MID-EBB	6.84	21-Jan-09	MID-FLOOD	7.22							
M06	23-Jan-09	MID-EBB	5.67	23-Jan-09	MID-FLOOD	5.95							
M06	30-Jan-09	MID-EBB	5.89	30-Jan-09	MID-FLOOD	9.11							
M07	3-Nov-08	MID-EBB	6.07	3-Nov-08	MID-FLOOD	6.04							
M07	5-Nov-08	MID-EBB	6.29	5-Nov-08	MID-FLOOD	5.87							
M07	7-Nov-08	MID-EBB	5.22	7-Nov-08	MID-FLOOD	5.06							
M07	10-Nov-08	MID-EBB	8.00	10-Nov-08	MID-FLOOD	7.02							
M07	12-Nov-08	MID-EBB	8.59	12-Nov-08	MID-FLOOD	8.93							
M07	14-Nov-08	MID-EBB	6.76	14-Nov-08	MID-FLOOD	6.30							
M07	17-Nov-08	MID-EBB	6.71	17-Nov-08	MID-FLOOD	6.48							
M07	19-Nov-08	MID-EBB	5.17	19-Nov-08	MID-FLOOD	7.48							
M07	21-Nov-08	MID-EBB	6.43	21-Nov-08	MID-FLOOD	6.56							
M07	24-Nov-08	MID-EBB	6.33	24-Nov-08	MID-FLOOD	6.32							
M07	26-Nov-08	MID-EBB	4.93	26-Nov-08	MID-FLOOD	5.00							
M07	28-Nov-08	MID-EBB	5.65	28-Nov-08	MID-FLOOD	5.32							
M07	1-Dec-08	MID-EBB	5.65	1-Dec-08	MID-FLOOD	6.61							
M07	3-Dec-08	MID-EBB	5.56	3-Dec-08	MID-FLOOD	8.58							
M07	5-Dec-08	MID-EBB	4.63	5-Dec-08	MID-FLOOD	6.52							
M07	8-Dec-08	MID-EBB	5.80	8-Dec-08	MID-FLOOD	6.33							
M07	10-Dec-08	MID-EBB	4.66	10-Dec-08	MID-FLOOD	6.89							
M07	12-Dec-08	MID-EBB	5.78	12-Dec-08	MID-FLOOD	7.76							
M07	15-Dec-08	MID-EBB	6.13	15-Dec-08	MID-FLOOD	6.19							
M07	17-Dec-08	MID-EBB	5.11	17-Dec-08	MID-FLOOD	6.08							
M07	19-Dec-08	MID-EBB	5.22	19-Dec-08	MID-FLOOD	5.54							
M07	22-Dec-08	MID-EBB	5.09	22-Dec-08	MID-FLOOD	5.13							
M07	24-Dec-08	MID-EBB	5.11	24-Dec-08	MID-FLOOD	5.18							
M07	26-Dec-08	MID-EBB	5.52	26-Dec-08	MID-FLOOD	5.56							
M07	29-Dec-08	MID-EBB	4.35	29-Dec-08	MID-FLOOD	4.11							
M07	31-Dec-08	MID-EBB	4.42	31-Dec-08	MID-FLOOD	6.65							
M07	2-Jan-09	MID-EBB	4.80	2-Jan-09	MID-FLOOD	5.33							
M07	5-Jan-09	MID-EBB	5.98	5-Jan-09	MID-FLOOD	7.26							
M07	7-Jan-09	MID-EBB	5.35	7-Jan-09	MID-FLOOD	5.58							
M07	9-Jan-09	MID-EBB	5.80	9-Jan-09	MID-FLOOD	6.37							
M07	12-Jan-09	MID-EBB	6.98	12-Jan-09	MID-FLOOD	7.04							
M07	14-Jan-09	MID-EBB	6.39	14-Jan-09	MID-FLOOD	6.00							
M07	16-Jan-09	MID-EBB	7.15	16-Jan-09	MID-FLOOD	7.80							
M07	19-Jan-09	MID-EBB	5.76	19-Jan-09	MID-FLOOD	4.87							
M07	21-Jan-09	MID-EBB	5.56	21-Jan-09	MID-FLOOD	4.63							
M07	23-Jan-09	MID-EBB	4.94	23-Jan-09	MID-FLOOD	4.46							
M07	30-Jan-09	MID-EBB	7.11	30-Jan-09	MID-FLOOD	7.95							
M08	3-Nov-08	MID-EBB	4.74	3-Nov-08	MID-FLOOD	4.63							
M08	5-Nov-08	MID-EBB	5.61	5-Nov-08	MID-FLOOD	5.76							
M08	7-Nov-08	MID-EBB	4.87	7-Nov-08	MID-FLOOD	4.33							
M08	10-Nov-08	MID-EBB	6.70	10-Nov-08	MID-FLOOD	6.04							
M08	12-Nov-08	MID-EBB	8.09	12-Nov-08	MID-FLOOD	8.17							
M08	14-Nov-08	MID-EBB	7.28	14-Nov-08	MID-FLOOD	6.85							
M08	17-Nov-08	MID-EBB	7.00	17-Nov-08	MID-FLOOD	6.69							
M08	19-Nov-08	MID-EBB	5.50	19-Nov-08	MID-FLOOD	6.04							
M08	21-Nov-08	MID-EBB	6.31	21-Nov-08	MID-FLOOD	5.61							
M08	24-Nov-08	MID-EBB	3.80	24-Nov-08	MID-FLOOD	4.02							
M08	26-Nov-08	MID-EBB	4.67	26-Nov-08	MID-FLOOD	4.15							
M08	28-Nov-08	MID-EBB	5.04	28-Nov-08	MID-FLOOD	5.33							
M08	1-Dec-08	MID-EBB	6.39	1-Dec-08	MID-FLOOD	5.39							
M08	3-Dec-08	MID-EBB	6.41	3-Dec-08	MID-FLOOD	8.95							
M08	5-Dec-08	MID-EBB	4.96	5-Dec-08	MID-FLOOD	5.26							
M08	8-Dec-08	MID-EBB	5.98	8-Dec-08	MID-FLOOD	4.65							
M08	10-Dec-08	MID-EBB	5.28	10-Dec-08	MID-FLOOD	4.85							
M08	12-Dec-08	MID-EBB	5.71	12-Dec-08	MID-FLOOD	8.63							
M08	15-Dec-08	MID-EBB	6.68	15-Dec-08	MID-FLOOD	6.54							
M08	17-Dec-08	MID-EBB	5.46	17-Dec-08	MID-FLOOD	6.95							
M08	19-Dec-08	MID-EBB	4.30	19-Dec-08	MID-FLOOD	4.74							
M08	22-Dec-08	MID-EBB	5.00	22-Dec-08	MID-FLOOD	5.21							
M08	24-Dec-08	MID-EBB	4.91	24-Dec-08	MID-FLOOD	4.93							
M08	26-Dec-08	MID-EBB	4.50	26-Dec-08	MID-FLOOD	4.67							
M08	29-Dec-08	MID-EBB	4.52	29-Dec-08	MID-FLOOD	4.02							
M08	31-Dec-08	MID-EBB	4.85	31-Dec-08	MID-FLOOD	6.13							
M08	2-Jan-09	MID-EBB	5.17	2-Jan-09	MID-FLOOD	5.50							
M08	5-Jan-09	MID-EBB	6.96	5-Jan-09	MID-FLOOD	6.17							
M08	7-Jan-09	MID-EBB	4.85	7-Jan-09	MID-FLOOD	5.65							
M08	9-Jan-09	MID-EBB	5.37	9-Jan-09	MID-FLOOD	5.67							

Baseline Results (DA)							Impact Monitoring Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS	STN	DATE	TIDE	SS	DATE	TIDE	SS
M08	12-Jan-09	MID-EBB	5.59	12-Jan-09	MID-FLOOD	5.58							
M08	14-Jan-09	MID-EBB	6.74	14-Jan-09	MID-FLOOD	5.43							
M08	16-Jan-09	MID-EBB	6.41	16-Jan-09	MID-FLOOD	6.89							
M08	19-Jan-09	MID-EBB	4.71	19-Jan-09	MID-FLOOD	4.42							
M08	21-Jan-09	MID-EBB	6.00	21-Jan-09	MID-FLOOD	4.65							
M08	23-Jan-09	MID-EBB	5.06	23-Jan-09	MID-FLOOD	4.48							
M08	30-Jan-09	MID-EBB	6.61	30-Jan-09	MID-FLOOD	10.21							
M09	3-Nov-08	MID-EBB	5.04	3-Nov-08	MID-FLOOD	4.69							
M09	5-Nov-08	MID-EBB	5.96	5-Nov-08	MID-FLOOD	5.59							
M09	7-Nov-08	MID-EBB	5.69	7-Nov-08	MID-FLOOD	4.98							
M09	10-Nov-08	MID-EBB	6.74	10-Nov-08	MID-FLOOD	6.74							
M09	12-Nov-08	MID-EBB	8.11	12-Nov-08	MID-FLOOD	8.39							
M09	14-Nov-08	MID-EBB	6.44	14-Nov-08	MID-FLOOD	7.11							
M09	17-Nov-08	MID-EBB	7.24	17-Nov-08	MID-FLOOD	6.80							
M09	19-Nov-08	MID-EBB	5.24	19-Nov-08	MID-FLOOD	8.22							
M09	21-Nov-08	MID-EBB	6.19	21-Nov-08	MID-FLOOD	5.11							
M09	24-Nov-08	MID-EBB	4.41	24-Nov-08	MID-FLOOD	4.91							
M09	26-Nov-08	MID-EBB	6.56	26-Nov-08	MID-FLOOD	4.33							
M09	28-Nov-08	MID-EBB	5.56	28-Nov-08	MID-FLOOD	5.39							
M09	1-Dec-08	MID-EBB	5.81	1-Dec-08	MID-FLOOD	5.84							
M09	3-Dec-08	MID-EBB	5.45	3-Dec-08	MID-FLOOD	10.09							
M09	5-Dec-08	MID-EBB	4.19	5-Dec-08	MID-FLOOD	6.28							
M09	8-Dec-08	MID-EBB	5.35	8-Dec-08	MID-FLOOD	5.04							
M09	10-Dec-08	MID-EBB	6.96	10-Dec-08	MID-FLOOD	5.61							
M09	12-Dec-08	MID-EBB	6.17	12-Dec-08	MID-FLOOD	6.83							
M09	15-Dec-08	MID-EBB	7.28	15-Dec-08	MID-FLOOD	7.52							
M09	17-Dec-08	MID-EBB	5.52	17-Dec-08	MID-FLOOD	7.37							
M09	19-Dec-08	MID-EBB	4.54	19-Dec-08	MID-FLOOD	6.33							
M09	22-Dec-08	MID-EBB	5.56	22-Dec-08	MID-FLOOD	6.32							
M09	24-Dec-08	MID-EBB	4.74	24-Dec-08	MID-FLOOD	5.09							
M09	26-Dec-08	MID-EBB	4.93	26-Dec-08	MID-FLOOD	5.41							
M09	29-Dec-08	MID-EBB	6.24	29-Dec-08	MID-FLOOD	5.93							
M09	31-Dec-08	MID-EBB	6.22	31-Dec-08	MID-FLOOD	5.46							
M09	2-Jan-09	MID-EBB	6.74	2-Jan-09	MID-FLOOD	6.28							
M09	5-Jan-09	MID-EBB	5.91	5-Jan-09	MID-FLOOD	7.19							
M09	7-Jan-09	MID-EBB	6.26	7-Jan-09	MID-FLOOD	5.87							
M09	9-Jan-09	MID-EBB	5.15	9-Jan-09	MID-FLOOD	6.15							
M09	12-Jan-09	MID-EBB	7.67	12-Jan-09	MID-FLOOD	7.70							
M09	14-Jan-09	MID-EBB	7.65	14-Jan-09	MID-FLOOD	6.31							
M09	16-Jan-09	MID-EBB	7.13	16-Jan-09	MID-FLOOD	7.07							
M09	19-Jan-09	MID-EBB	4.35	19-Jan-09	MID-FLOOD	4.15							
M09	21-Jan-09	MID-EBB	4.93	21-Jan-09	MID-FLOOD	4.46							
M09	23-Jan-09	MID-EBB	4.28	23-Jan-09	MID-FLOOD	4.22							
M09	30-Jan-09	MID-EBB	8.80	30-Jan-09	MID-FLOOD	7.89							
M10	3-Nov-08	MID-EBB	4.83	3-Nov-08	MID-FLOOD	4.93							
M10	5-Nov-08	MID-EBB	6.76	5-Nov-08	MID-FLOOD	6.04							
M10	7-Nov-08	MID-EBB	5.35	7-Nov-08	MID-FLOOD	5.93							
M10	10-Nov-08	MID-EBB	6.33	10-Nov-08	MID-FLOOD	6.17							
M10	12-Nov-08	MID-EBB	8.06	12-Nov-08	MID-FLOOD	6.89							
M10	14-Nov-08	MID-EBB	7.74	14-Nov-08	MID-FLOOD	9.76							
M10	17-Nov-08	MID-EBB	5.67	17-Nov-08	MID-FLOOD	5.96							
M10	19-Nov-08	MID-EBB	6.24	19-Nov-08	MID-FLOOD	6.74							
M10	21-Nov-08	MID-EBB	5.69	21-Nov-08	MID-FLOOD	4.09							
M10	24-Nov-08	MID-EBB	4.46	24-Nov-08	MID-FLOOD	5.35							
M10	26-Nov-08	MID-EBB	4.52	26-Nov-08	MID-FLOOD	4.56							
M10	28-Nov-08	MID-EBB	6.19	28-Nov-08	MID-FLOOD	5.98							
M10	1-Dec-08	MID-EBB	5.92	1-Dec-08	MID-FLOOD	5.95							
M10	3-Dec-08	MID-EBB	6.07	3-Dec-08	MID-FLOOD	7.70							
M10	5-Dec-08	MID-EBB	5.56	5-Dec-08	MID-FLOOD	6.61							
M10	8-Dec-08	MID-EBB	5.19	8-Dec-08	MID-FLOOD	5.17							
M10	10-Dec-08	MID-EBB	6.17	10-Dec-08	MID-FLOOD	5.52							
M10	12-Dec-08	MID-EBB	6.22	12-Dec-08	MID-FLOOD	6.85							
M10	15-Dec-08	MID-EBB	6.39	15-Dec-08	MID-FLOOD	6.22							
M10	17-Dec-08	MID-EBB	4.89	17-Dec-08	MID-FLOOD	8.20							
M10	19-Dec-08	MID-EBB	4.74	19-Dec-08	MID-FLOOD	5.71							
M10	22-Dec-08	MID-EBB	5.63	22-Dec-08	MID-FLOOD	5.67							
M10	24-Dec-08	MID-EBB	5.35	24-Dec-08	MID-FLOOD	5.02							
M10	26-Dec-08	MID-EBB	4.45	26-Dec-08	MID-FLOOD	4.95							
M10	29-Dec-08	MID-EBB	5.93	29-Dec-08	MID-FLOOD	5.30							
M10	31-Dec-08	MID-EBB	4.52	31-Dec-08	MID-FLOOD	5.78							
M10	2-Jan-09	MID-EBB	5.07	2-Jan-09	MID-FLOOD	5.11							
M10	5-Jan-09	MID-EBB	6.78	5-Jan-09	MID-FLOOD	5.89							
M10	7-Jan-09	MID-EBB	6.65	7-Jan-09	MID-FLOOD	5.84							
M10	9-Jan-09	MID-EBB	7.04	9-Jan-09	MID-FLOOD	6.04							
M10	12-Jan-09	MID-EBB	5.47	12-Jan-09	MID-FLOOD	5.15							
M10	14-Jan-09	MID-EBB	10.43	14-Jan-09	MID-FLOOD	6.06							
M10	16-Jan-09	MID-EBB	7.35	16-Jan-09	MID-FLOOD	8.17							
M10	19-Jan-09	MID-EBB	4.35	19-Jan-09	MID-FLOOD	4.20							
M10	21-Jan-09	MID-EBB	8.48	21-Jan-09	MID-FLOOD	4.59							
M10	23-Jan-09	MID-EBB	4.58	23-Jan-09	MID-FLOOD	4.26							
M10	30-Jan-09	MID-EBB	6.85	30-Jan-09	MID-FLOOD	7.19							
M11	3-Nov-08	MID-EBB	6.78	3-Nov-08	MID-FLOOD	10.89							
M11	5-Nov-08	MID-EBB	7.00	5-Nov-08	MID-FLOOD	6.78							
M11	7-Nov-08	MID-EBB	8.73	7-Nov-08	MID-FLOOD	6.67							
M11	10-Nov-08	MID-EBB	9.39	10-Nov-08	MID-FLOOD	9.17							
M11	12-Nov-08	MID-EBB	8.56	12-Nov-08	MID-FLOOD	8.45							
M11	14-Nov-08	MID-EBB	9.50	14-Nov-08	MID-FLOOD	7.78							
M11	17-Nov-08	MID-EBB	7.89	17-Nov-08	MID-FLOOD	12.11							
M11	19-Nov-08	MID-EBB	7.78	19-Nov-08	MID-FLOOD	7.78							
M11	21-Nov-08	MID-EBB	8.00	21-Nov-08	MID-FLOOD	6.28							
M11	24-Nov-08	MID-EBB	7.33	24-Nov-08	MID-FLOOD	6.22							
M11	26-Nov-08	MID-EBB	6.06	26-Nov-08	MID-FLOOD	5.56							
M11	28-Nov-08	MID-EBB	6.39	28-Nov-08	MID-FLOOD	5.89							
M11	1-Dec-08	MID-EBB	7.61	1-Dec-08	MID-FLOOD	8.84							
M11	3-Dec-08	MID-EBB	8.06	3-Dec-08	MID-FLOOD	7.95							
M11	5-Dec-08	MID-EBB	5.33	5-Dec-08	MID-FLOOD	6.00							
M11	8-Dec-08	MID-EBB	7.33	8-Dec-08	MID-FLOOD	6.67							
M11	10-Dec-08	MID-EBB	7.89	10-Dec-08	MID-FLOOD	6.39							
M11	12-Dec-08	MID-EBB	6.84	12-Dec-08	MID-FLOOD	6.17							
M11	15-Dec-08	MID-EBB	7.44	15-Dec-08	MID-FLOOD	8.06							
M11	17-Dec-08	MID-EBB	6.22	17-Dec-08	MID-FLOOD	7.28							
M11	19-Dec-08	MID-EBB	6.17	19-Dec-08	MID-FLOOD	8.56							

Baseline Results (DA)							Impact Monitoring Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS	STN	DATE	TIDE	SS	DATE	TIDE	SS
M11	22-Dec-08	MID-EBB	5.00	22-Dec-08	MID-FLOOD	4.89							
M11	24-Dec-08	MID-EBB	5.33	24-Dec-08	MID-FLOOD	5.06							
M11	26-Dec-08	MID-EBB	10.28	26-Dec-08	MID-FLOOD	5.39							
M11	29-Dec-08	MID-EBB	6.50	29-Dec-08	MID-FLOOD	6.61							
M11	31-Dec-08	MID-EBB	7.62	31-Dec-08	MID-FLOOD	6.73							
M11	2-Jan-09	MID-EBB	7.89	2-Jan-09	MID-FLOOD	7.11							
M11	5-Jan-09	MID-EBB	8.11	5-Jan-09	MID-FLOOD	7.45							
M11	7-Jan-09	MID-EBB	7.73	7-Jan-09	MID-FLOOD	7.06							
M11	9-Jan-09	MID-EBB	7.06	9-Jan-09	MID-FLOOD	5.95							
M11	12-Jan-09	MID-EBB	7.95	12-Jan-09	MID-FLOOD	8.33							
M11	14-Jan-09	MID-EBB	10.17	14-Jan-09	MID-FLOOD	9.17							
M11	16-Jan-09	MID-EBB	8.39	16-Jan-09	MID-FLOOD	7.95							
M11	19-Jan-09	MID-EBB	6.89	19-Jan-09	MID-FLOOD	7.50							
M11	21-Jan-09	MID-EBB	6.95	21-Jan-09	MID-FLOOD	6.22							
M11	23-Jan-09	MID-EBB	5.22	23-Jan-09	MID-FLOOD	5.62							
M11	30-Jan-09	MID-EBB	8.45	30-Jan-09	MID-FLOOD	9.50							
M12	3-Nov-08	MID-EBB	5.22	3-Nov-08	MID-FLOOD	8.56							
M12	5-Nov-08	MID-EBB	7.00	5-Nov-08	MID-FLOOD	7.00							
M12	7-Nov-08	MID-EBB	4.78	7-Nov-08	MID-FLOOD	6.11							
M12	10-Nov-08	MID-EBB	7.00	10-Nov-08	MID-FLOOD	8.11							
M12	12-Nov-08	MID-EBB	7.89	12-Nov-08	MID-FLOOD	10.95							
M12	14-Nov-08	MID-EBB	12.28	14-Nov-08	MID-FLOOD	11.39							
M12	17-Nov-08	MID-EBB	6.78	17-Nov-08	MID-FLOOD	10.78							
M12	19-Nov-08	MID-EBB	7.67	19-Nov-08	MID-FLOOD	8.67							
M12	21-Nov-08	MID-EBB	5.67	21-Nov-08	MID-FLOOD	7.56							
M12	24-Nov-08	MID-EBB	7.22	24-Nov-08	MID-FLOOD	9.00							
M12	26-Nov-08	MID-EBB	8.33	26-Nov-08	MID-FLOOD	8.33							
M12	28-Nov-08	MID-EBB	6.56	28-Nov-08	MID-FLOOD	7.22							
M12	1-Dec-08	MID-EBB	9.67	1-Dec-08	MID-FLOOD	12.73							
M12	3-Dec-08	MID-EBB	8.11	3-Dec-08	MID-FLOOD	10.50							
M12	5-Dec-08	MID-EBB	5.45	5-Dec-08	MID-FLOOD	8.11							
M12	8-Dec-08	MID-EBB	8.78	8-Dec-08	MID-FLOOD	7.89							
M12	10-Dec-08	MID-EBB	7.67	10-Dec-08	MID-FLOOD	8.78							
M12	12-Dec-08	MID-EBB	6.00	12-Dec-08	MID-FLOOD	7.89							
M12	15-Dec-08	MID-EBB	7.67	15-Dec-08	MID-FLOOD	10.33							
M12	17-Dec-08	MID-EBB	5.78	17-Dec-08	MID-FLOOD	10.33							
M12	19-Dec-08	MID-EBB	7.22	19-Dec-08	MID-FLOOD	8.67							
M12	22-Dec-08	MID-EBB	4.11	22-Dec-08	MID-FLOOD	5.45							
M12	24-Dec-08	MID-EBB	5.06	24-Dec-08	MID-FLOOD	5.00							
M12	26-Dec-08	MID-EBB	7.95	26-Dec-08	MID-FLOOD	5.78							
M12	29-Dec-08	MID-EBB	5.95	29-Dec-08	MID-FLOOD	6.00							
M12	31-Dec-08	MID-EBB	5.45	31-Dec-08	MID-FLOOD	9.22							
M12	2-Jan-09	MID-EBB	7.89	2-Jan-09	MID-FLOOD	8.56							
M12	5-Jan-09	MID-EBB	6.33	5-Jan-09	MID-FLOOD	9.11							
M12	7-Jan-09	MID-EBB	7.06	7-Jan-09	MID-FLOOD	9.89							
M12	9-Jan-09	MID-EBB	6.78	9-Jan-09	MID-FLOOD	7.22							
M12	12-Jan-09	MID-EBB	6.89	12-Jan-09	MID-FLOOD	7.89							
M12	14-Jan-09	MID-EBB	7.45	14-Jan-09	MID-FLOOD	9.67							
M12	16-Jan-09	MID-EBB	7.22	16-Jan-09	MID-FLOOD	7.78							
M12	19-Jan-09	MID-EBB	5.89	19-Jan-09	MID-FLOOD	5.22							
M12	21-Jan-09	MID-EBB	7.45	21-Jan-09	MID-FLOOD	6.44							
M12	23-Jan-09	MID-EBB	5.78	23-Jan-09	MID-FLOOD	5.78							
M12	30-Jan-09	MID-EBB	6.44	30-Jan-09	MID-FLOOD	10.95							
				21-May-08	MID-FLOOD	8.33							
				23-May-08	MID-FLOOD	6.89							
				26-May-08	MID-FLOOD	6.11							
				28-May-08	MID-FLOOD	7.00							
				30-May-08	MID-FLOOD	3.78							
				2-Jun-08	MID-FLOOD	12.78							
				4-Jun-08	MID-FLOOD	5.89							
				6-Jun-08	MID-FLOOD	6.89							
				10-Jun-08	MID-FLOOD	5.78							
				12-Jun-08	MID-FLOOD	6.33							
				14-Jun-08	MID-FLOOD	3.89							
				16-Jun-08	MID-FLOOD	5.78							
				18-Jun-08	MID-FLOOD	5.89							
				20-Jun-08	MID-FLOOD	4.73							
				23-Jun-08	MID-FLOOD	6.00							
				27-Jun-08	MID-FLOOD	4.22							
				30-Jun-08	MID-FLOOD	5.45							
				2-Jul-08	MID-FLOOD	3.45							
				4-Jul-08	MID-FLOOD	6.78							
				7-Jul-08	MID-FLOOD	4.67							
				9-Jul-08	MID-FLOOD	3.50							
				11-Jul-08	MID-FLOOD	4.39							
				14-Jul-08	MID-FLOOD	3.17							
				16-Jul-08	MID-FLOOD	5.95							
				18-Jul-08	MID-FLOOD	6.73							
				21-Jul-08	MID-FLOOD	5.78							
				23-Jul-08	MID-FLOOD	7.00							
				25-Jul-08	MID-FLOOD	7.62							
				28-Jul-08	MID-FLOOD	6.44							
				30-Jul-08	MID-FLOOD	6.44							

Remark : *. The water quality monitoring during mid-ebb tide on 11th July 2008 at intakes stations could not be performed

$$n2 = 1135.00$$

$$\bar{X}_2 = 6.9$$

$$\sum (X_i - \bar{X}_2)^2 = 4210$$

$$s_2 = 1.9$$