

**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	06-Feb-03	Mid-Ebb	3	06-Feb-03	Mid-Flood	4	C1	1-Aug-08	MID-EBB	5.96	1-Aug-08	MID-FLOOD	4.15
C1	08-Feb-03	Mid-Ebb	6	08-Feb-03	Mid-Flood	4	C1	4-Aug-08	MID-EBB	6.50	4-Aug-08	MID-FLOOD	5.46
C1	10-Feb-03	Mid-Ebb	2	10-Feb-03	Mid-Flood	3	C1	8-Aug-08	MID-EBB	4.61	8-Aug-08	MID-FLOOD	5.30
C1	14-Feb-03	Mid-Ebb	4	14-Feb-03	Mid-Flood	7	C1	11-Aug-08	MID-EBB	3.72	11-Aug-08	MID-FLOOD	4.93
C1	18-Feb-03	Mid-Ebb	5	17-Feb-03	Mid-Flood	11	C1	13-Aug-08	MID-EBB	3.43	13-Aug-08	MID-FLOOD	4.11
C1	19-Feb-03	Mid-Ebb	6	19-Feb-03	Mid-Flood	9	C1	15-Aug-08	MID-EBB	3.37	15-Aug-08	MID-FLOOD	3.70
C1	21-Feb-03	Mid-Ebb	6	21-Feb-03	Mid-Flood	7	C1	18-Aug-08	MID-EBB	3.98	18-Aug-08	MID-FLOOD	3.98
C1	24-Feb-03	Mid-Ebb	6	24-Feb-03	Mid-Flood	5	C1	20-Aug-08	MID-EBB	4.67	20-Aug-08	MID-FLOOD	3.39
C1	28-Feb-03	Mid-Ebb	5	28-Feb-03	Mid-Flood	7	C1	25-Aug-08	MID-EBB	3.35	25-Aug-08	MID-FLOOD	4.85
C1	03-Mar-03	Mid-Ebb	7	03-Mar-03	Mid-Flood	10	C1	27-Aug-08	MID-EBB	4.46	27-Aug-08	MID-FLOOD	8.20
C1	05-Mar-03	Mid-Ebb	6	05-Mar-03	Mid-Flood	8	C1	29-Aug-08	MID-EBB	5.54	29-Aug-08	MID-FLOOD	6.59
C1	07-Mar-03	Mid-Ebb	7	07-Mar-03	Mid-Flood	8	C1	1-Sep-08	MID-EBB	5.11	1-Sep-08	MID-FLOOD	4.93
C1	10-Mar-03	Mid-Ebb	6	10-Mar-03	Mid-Flood	6	C1	3-Sep-08	MID-EBB	3.93	3-Sep-08	MID-FLOOD	5.41
C1	17-Mar-03	Mid-Ebb	9	17-Mar-03	Mid-Flood	7	C1	5-Sep-08	MID-EBB	6.30	5-Sep-08	MID-FLOOD	6.87
C1	19-Mar-03	Mid-Ebb	8	19-Mar-03	Mid-Flood	10	C1	8-Sep-08	MID-EBB	5.67	8-Sep-08	MID-FLOOD	6.91
C1	22-Mar-03	Mid-Ebb	8	22-Mar-03	Mid-Flood	10	C1	10-Sep-08	MID-EBB	6.28	10-Sep-08	MID-FLOOD	5.91
C1	24-Mar-03	Mid-Ebb	6	24-Mar-03	Mid-Flood	5	C1	12-Sep-08	MID-EBB	3.37	12-Sep-08	MID-FLOOD	4.35
C1	26-Mar-03	Mid-Ebb	6	27-Mar-03	Mid-Flood	5	C1	16-Sep-08	MID-EBB	10.37	16-Sep-08	MID-FLOOD	6.35
C1	31-Mar-03	Mid-Ebb	8	31-Mar-03	Mid-Flood	6	C1	18-Sep-08	MID-EBB	7.32	18-Sep-08	MID-FLOOD	6.26
C1	02-Apr-03	Mid-Ebb	7	02-Apr-03	Mid-Flood	6	C1	20-Sep-08	MID-EBB	7.11	20-Sep-08	MID-FLOOD	6.74
C1	04-Apr-03	Mid-Ebb	7	04-Apr-03	Mid-Flood	7	C1	22-Sep-08	MID-EBB	3.91	22-Sep-08	MID-FLOOD	3.71
C1	07-Apr-03	Mid-Ebb	5	07-Apr-03	Mid-Flood	6	C1	26-Sep-08	MID-EBB	8.54	26-Sep-08	MID-FLOOD	9.50
C1	09-Apr-03	Mid-Ebb	5	09-Apr-03	Mid-Flood	6	C1	30-Sep-08	MID-EBB	8.98	30-Sep-08	MID-FLOOD	5.35
C1	14-Apr-03	Mid-Ebb	5	14-Apr-03	Mid-Flood	5	C1	2-Oct-08	MID-EBB	11.72	2-Oct-08	MID-FLOOD	12.74
C1	16-Apr-03	Mid-Ebb	7	16-Apr-03	Mid-Flood	6	C1	4-Oct-08	MID-EBB	4.48	4-Oct-08	MID-FLOOD	8.69
C2	06-Feb-03	Mid-Ebb	3	06-Feb-03	Mid-Flood	3	C1	6-Oct-08	MID-EBB	4.63	6-Oct-08	MID-FLOOD	4.46
C2	08-Feb-03	Mid-Ebb	5	08-Feb-03	Mid-Flood	3	C1	8-Oct-08	MID-EBB	4.20	8-Oct-08	MID-FLOOD	5.61
C2	10-Feb-03	Mid-Ebb	2	10-Feb-03	Mid-Flood	3	C1	10-Oct-08	MID-EBB	6.37	10-Oct-08	MID-FLOOD	7.60
C2	14-Feb-03	Mid-Ebb	4	14-Feb-03	Mid-Flood	4	C1	13-Oct-08	MID-EBB	9.24	13-Oct-08	MID-FLOOD	9.09
C2	18-Feb-03	Mid-Ebb	5	17-Feb-03	Mid-Flood	5	C1	15-Oct-08	MID-EBB	8.19	15-Oct-08	MID-FLOOD	7.91
C2	19-Feb-03	Mid-Ebb	5	19-Feb-03	Mid-Flood	6	C1	17-Oct-08	MID-EBB	8.87	17-Oct-08	MID-FLOOD	9.06
C2	21-Feb-03	Mid-Ebb	6	21-Feb-03	Mid-Flood	6	C1	20-Oct-08	MID-EBB	6.61	20-Oct-08	MID-FLOOD	5.61
C2	24-Feb-03	Mid-Ebb	8	24-Feb-03	Mid-Flood	4	C1	22-Oct-08	MID-EBB	6.50	22-Oct-08	MID-FLOOD	6.81
C2	28-Feb-03	Mid-Ebb	5	28-Feb-03	Mid-Flood	7	C1	24-Oct-08	MID-EBB	3.82	24-Oct-08	MID-FLOOD	9.35
C2	03-Mar-03	Mid-Ebb	7	03-Mar-03	Mid-Flood	8	C1	27-Oct-08	MID-EBB	5.76	27-Oct-08	MID-FLOOD	10.17
C2	05-Mar-03	Mid-Ebb	5	05-Mar-03	Mid-Flood	8	C1	29-Oct-08	MID-EBB	7.80	29-Oct-08	MID-FLOOD	7.33
C2	07-Mar-03	Mid-Ebb	7	07-Mar-03	Mid-Flood	9	C1	31-Oct-08	MID-EBB	8.48	31-Oct-08	MID-FLOOD	7.74
C2	10-Mar-03	Mid-Ebb	6	10-Mar-03	Mid-Flood	7	C2	1-Aug-08	MID-EBB	4.93	1-Aug-08	MID-FLOOD	4.74
C2	17-Mar-03	Mid-Ebb	6	17-Mar-03	Mid-Flood	7	C2	4-Aug-08	MID-EBB	5.83	4-Aug-08	MID-FLOOD	4.78
C2	19-Mar-03	Mid-Ebb	9	19-Mar-03	Mid-Flood	8	C2	8-Aug-08	MID-EBB	3.85	8-Aug-08	MID-FLOOD	4.50
C2	22-Mar-03	Mid-Ebb	6	22-Mar-03	Mid-Flood	7	C2	11-Aug-08	MID-EBB	4.39	11-Aug-08	MID-FLOOD	4.85
C2	24-Mar-03	Mid-Ebb	4	24-Mar-03	Mid-Flood	4	C2	13-Aug-08	MID-EBB	3.44	13-Aug-08	MID-FLOOD	3.69
C2	26-Mar-03	Mid-Ebb	8	27-Mar-03	Mid-Flood	6	C2	15-Aug-08	MID-EBB	3.81	15-Aug-08	MID-FLOOD	3.87
C2	31-Mar-03	Mid-Ebb	7	31-Mar-03	Mid-Flood	7	C2	18-Aug-08	MID-EBB	4.46	18-Aug-08	MID-FLOOD	4.48
C2	02-Apr-03	Mid-Ebb	7	02-Apr-03	Mid-Flood	5	C2	20-Aug-08	MID-EBB	5.30	20-Aug-08	MID-FLOOD	3.54
C2	04-Apr-03	Mid-Ebb	6	04-Apr-03	Mid-Flood	7	C2	25-Aug-08	MID-EBB	3.45	25-Aug-08	MID-FLOOD	5.20
C2	07-Apr-03	Mid-Ebb	4	07-Apr-03	Mid-Flood	6	C2	27-Aug-08	MID-EBB	4.52	27-Aug-08	MID-FLOOD	7.89
C2	09-Apr-03	Mid-Ebb	6	09-Apr-03	Mid-Flood	5	C2	29-Aug-08	MID-EBB	5.32	29-Aug-08	MID-FLOOD	5.59
C2	14-Apr-03	Mid-Ebb	4	14-Apr-03	Mid-Flood	5	C2	1-Sep-08	MID-EBB	4.04	1-Sep-08	MID-FLOOD	4.35
C2	16-Apr-03	Mid-Ebb	7	16-Apr-03	Mid-Flood	7	C2	3-Sep-08	MID-EBB	4.06	3-Sep-08	MID-FLOOD	4.65
C2	06-Feb-03	Mid-Ebb	7	08-Feb-03	Mid-Flood	7	C2	5-Sep-08	MID-EBB	4.52	5-Sep-08	MID-FLOOD	4.56
M01	14-Feb-03	Mid-Ebb	8	17-Feb-03	Mid-Flood	8	C2	8-Sep-08	MID-EBB	5.84	8-Sep-08	MID-FLOOD	9.13
M01	21-Feb-03	Mid-Ebb	9	24-Feb-03	Mid-Flood	6	C2	10-Sep-08	MID-EBB	6.31	10-Sep-08	MID-FLOOD	6.50
M01	03-Mar-03	Mid-Ebb	9	05-Mar-03	Mid-Flood	8	C2	12-Sep-08	MID-EBB	3.35	12-Sep-08	MID-FLOOD	4.22
M01	10-Mar-03	Mid-Ebb	13	17-Mar-03	Mid-Flood	10	C2	16-Sep-08	MID-EBB	7.50	16-Sep-08	MID-FLOOD	5.78
M01	22-Mar-03	Mid-Ebb	8	24-Mar-03	Mid-Flood	8	C2	18-Sep-08	MID-EBB	5.67	18-Sep-08	MID-FLOOD	5.85
M01	31-Mar-03	Mid-Ebb	8	02-Apr-03	Mid-Flood	7	C2	20-Sep-08	MID-EBB	4.45	20-Sep-08	MID-FLOOD	4.37
M01	07-Apr-03	Mid-Ebb	9	09-Apr-03	Mid-Flood	9	C2	22-Sep-08	MID-EBB	3.82	22-Sep-08	MID-FLOOD	3.58
M01	16-Apr-03	Mid-Ebb	8	06-Feb-03	Mid-Flood	17	C2	26-Sep-08	MID-EBB	5.02	26-Sep-08	MID-FLOOD	5.09
M02	10-Feb-03	Mid-Ebb	16	14-Feb-03	Mid-Flood	10	C2	30-Sep-08	MID-EBB	5.44	30-Sep-08	MID-FLOOD	6.65
M02	19-Feb-03	Mid-Ebb	16	21-Feb-03	Mid-Flood	12	C2	2-Oct-08	MID-EBB	7.34	2-Oct-08	MID-FLOOD	7.43
M02	28-Feb-03	Mid-Ebb	12	03-Mar-03	Mid-Flood	12	C2	4-Oct-08	MID-EBB	4.26	4-Oct-08	MID-FLOOD	6.96
M02	07-Mar-03	Mid-Ebb	16	10-Mar-03	Mid-Flood	18	C2	6-Oct-08	MID-EBB	4.80	6-Oct-08	MID-FLOOD	4.63
M02	19-Mar-03	Mid-Ebb	12	22-Mar-03	Mid-Flood	10	C2	8-Oct-08	MID-EBB	4.11	8-Oct-08	MID-FLOOD	4.26
M02	26-Mar-03	Mid-Ebb	10	31-Mar-03	Mid-Flood	12	C2	10-Oct-08	MID-EBB	4.98	10-Oct-08	MID-FLOOD	6.19
M02	04-Apr-03	Mid-Ebb	10	07-Apr-03	Mid-Flood	9	C2	13-Oct-08	MID-EBB	7.37	13-Oct-08	MID-FLOOD	12.00
M02	14-Apr-03	Mid-Ebb	8	16-Apr-03	Mid-Flood	10	C2	15-Oct-08	MID-EBB	6.70	15-Oct-08	MID-FLOOD	6.78
M03	08-Feb-03	Mid-Ebb	7	10-Feb-03	Mid-Flood	7	C2	17-Oct-08	MID-EBB	9.02	17-Oct-08	MID-FLOOD	8.80
M03	18-Feb-03	Mid-Ebb	10	19-Feb-03	Mid-Flood	8	C2	20-Oct-08	MID-EBB	6.17	20-Oct-08	MID-FLOOD	6.13
M03	24-Feb-03	Mid-Ebb	9	28-Feb-03	Mid-Flood	10	C2	22-Oct-08	MID-EBB	7.35	22-Oct-08	MID-FLOOD	7.28
M03	05-Mar-03	Mid-Ebb	9	07-Mar-03	Mid-Flood	10	C2	24-Oct-08	MID-EBB	4.00	24-Oct-08	MID-FLOOD	9.19
M03	17-Mar-03	Mid-Ebb	8	19-Mar-03	Mid-Flood	10	C2	27-Oct-08	MID-EBB	8.30	27-Oct-08	MID-FLOOD	8.22
M03	24-Mar-03	Mid-Ebb	9	27-Mar-03	Mid-Flood	28	C2	29-Oct-08	MID-EBB	7.54	29-Oct-08	MID-FLOOD	6.85
M03	02-Apr-03	Mid-Ebb	8	04-Apr-03	Mid-Flood	7	C2	31-Oct-08	MID-EBB	6.00	31-Oct-08	MID-FLOOD	7.74
M03	09-Apr-03	Mid-Ebb	8	14-Apr-03	Mid-Flood	11	M01A	1-Aug-08	MID-EBB	4.50	1-Aug-08	MID-FLOOD	6.73
M04	06-Feb-03	Mid-Ebb	6	08-Feb-03	Mid-Flood	7	M01A	4-Aug-08	MID-EBB	7.73	4-Aug-08	MID-FLOOD	6.39
M04	14-Feb-03	Mid-Ebb	10	17-Feb-03	Mid-Flood	9	M01A	8-Aug-08	MID-EBB	5.00	8-Aug-08	MID-FLOOD	4.67
M04	21-Feb-03	Mid-Ebb	7	24-Feb-03	Mid-Flood	7	M01A	11-Aug-08	MID-EBB	4.67	11-Aug-08	MID-FLOOD	6.39
M04	03-Mar-03	Mid-Ebb	8	05-Mar-03	Mid-Flood	10	M01A	13-Aug-08	MID-EBB	3.33	13-Aug-08	MID-FLOOD	7.28
M04	10-Mar-03	Mid-Ebb	9	17-Mar-03	Mid-Flood	9	M01A	15-Aug-08	MID-EBB	5.00	15-Aug-08	MID-FLOOD	4.45
M04	22-Mar-03	Mid-Ebb	7	24-Mar-03	Mid-Flood	8	M01A	18-Aug-08	MID-EBB	5.11	18-Aug-08	MID-FLOOD	5.06
M04	31-Mar-03	Mid-Ebb	9	02-Apr-03	Mid-Flood	8	M01A	20-Aug-08	MID-EBB	5.39	20-Aug-08	MID-FLOOD	3.39
M04	07-Apr-03	Mid-Ebb	8	09-Apr-03	Mid-Flood	8	M01A	25-Aug-08	MID-EBB	5.28	25-Aug-08	MID-FLOOD	4.39
M04	16-Apr-03	Mid-Ebb	6	06-Feb-03	Mid-Flood	6	M01A	27-Aug-08	MID-EBB	5.28	27-Aug-08	MID-FLOOD	6.06
M05	10-Feb-03	Mid-Ebb	8	14-Feb-03	Mid-Flood	7	M01A	29-Aug-08	MID-EBB	5.56	29-Aug-08	MID-FLOOD	8.11
M05	19-Feb-03	Mid-Ebb	8	21-Feb-03	Mid-Flood	6	M01A	1-Sep-08	MID-EBB	5.89	1-Sep-08	MID-FLOOD	6.56
M05	28-Feb-03	Mid-Ebb	7	03-Mar-03	Mid-Flood	9	M01A	3-Sep-08	MID-EBB	5.17	3-Sep-08	MID-FLOOD	6.50
M05	07-Mar-03	Mid-Ebb	8	10-Mar-03	Mid-Flood	14	M01A	5-Sep-08	MID-EBB	4.95	5-Sep-08	MID-FLOOD	7.39
M05	19-Mar-03	Mid-Ebb	7	22-Mar-03	Mid-Flood	8	M01A	8-Sep-08	MID-EBB	7.06	8-Sep-08	MID-FLOOD	7.89
M05	26-Mar-03	Mid-Ebb	7	31-Mar-03	Mid-Flood	7	M01A	10-Sep-08	MID-EBB	5.61	10-Sep-08	MID-FLOOD	5.11
M05	04-Apr-03	Mid-Ebb	8	07-Apr-03	Mid-Flood	6	M01A	12-Sep-08	MID-EBB	3.06	12-Sep-08	MID-FLOOD	4.89
M05	14-Apr-03	Mid-Ebb	7	16-Apr-03	Mid-Flood	6	M01A	16-Sep-08	MID-EBB	8.56	16-Sep-08	MID-FLOOD	8.33
M06	08-Feb-03	Mid-Ebb	5	10-Feb-03	Mid-Flood	8	M01A	18-Sep-08	MID-EBB	7.17	18-Sep-08	MID-FLOOD	9.95
M06	18-Feb-03	Mid-Ebb	9	19-Feb-03	Mid-Flood	10	M01A	20-Sep-08	MID-EBB	6.28	20-Sep-08	MID-FLOOD	7.22
M06	24-Feb-03	Mid-Ebb	7	28-Feb-03	Mid-Flood	9	M01A	22-Sep-08	MID-EBB	5.00	22-Sep-08	MID-FLOOD	4.11
M06	05-Mar-03	Mid-Ebb	10	07-Mar-03	Mid-Flood	10	M01A	26-Sep-08	MID-EBB	7.00	26-Sep-08	MID-FLOOD	6.00
M06	17-Mar-03	Mid-Ebb	7	19-Mar-03	Mid-Flood	10	M01A						

Baseline Results (DA)							Impact Monitoring Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS	STN	DATE	TIDE	SS	DATE	TIDE	SS
M06	02-Apr-03	Mid-Ebb	7	04-Apr-03	Mid-Flood	7	M01A	4-Oct-08	MID-EBB	4.84	4-Oct-08	MID-FLOOD	9.61
M06	09-Apr-03	Mid-Ebb	8	14-Apr-03	Mid-Flood	10	M01A	6-Oct-08	MID-EBB	4.61	6-Oct-08	MID-FLOOD	5.78
M07	06-Feb-03	Mid-Ebb	4	06-Feb-03	Mid-Flood	5	M01A	8-Oct-08	MID-EBB	4.22	8-Oct-08	MID-FLOOD	4.56
M07	08-Feb-03	Mid-Ebb	4	08-Feb-03	Mid-Flood	5	M01A	10-Oct-08	MID-EBB	8.39	10-Oct-08	MID-FLOOD	8.89
M07	10-Feb-03	Mid-Ebb	5	10-Feb-03	Mid-Flood	4	M01A	13-Oct-08	MID-EBB	7.61	13-Oct-08	MID-FLOOD	9.28
M07	14-Feb-03	Mid-Ebb	5	14-Feb-03	Mid-Flood	5	M01A	15-Oct-08	MID-EBB	9.67	15-Oct-08	MID-FLOOD	13.22
M07	18-Feb-03	Mid-Ebb	5	17-Feb-03	Mid-Flood	7	M01A	17-Oct-08	MID-EBB	12.67	17-Oct-08	MID-FLOOD	14.22
M07	19-Feb-03	Mid-Ebb	9	19-Feb-03	Mid-Flood	8	M01A	20-Oct-08	MID-EBB	10.73	20-Oct-08	MID-FLOOD	9.06
M07	21-Feb-03	Mid-Ebb	7	21-Feb-03	Mid-Flood	7	M01A	22-Oct-08	MID-EBB	9.33	22-Oct-08	MID-FLOOD	10.56
M07	24-Feb-03	Mid-Ebb	5	24-Feb-03	Mid-Flood	6	M01A	24-Oct-08	MID-EBB	5.17	24-Oct-08	MID-FLOOD	12.22
M07	28-Feb-03	Mid-Ebb	6	28-Feb-03	Mid-Flood	7	M01A	27-Oct-08	MID-EBB	8.78	27-Oct-08	MID-FLOOD	13.45
M07	03-Mar-03	Mid-Ebb	8	03-Mar-03	Mid-Flood	7	M01A	29-Oct-08	MID-EBB	11.67	29-Oct-08	MID-FLOOD	6.56
M07	05-Mar-03	Mid-Ebb	6	05-Mar-03	Mid-Flood	7	M01A	31-Oct-08	MID-EBB	9.39	31-Oct-08	MID-FLOOD	13.28
M07	07-Mar-03	Mid-Ebb	7	07-Mar-03	Mid-Flood	8	M02A	1-Aug-08	MID-EBB	4.67	1-Aug-08	MID-FLOOD	6.89
M07	10-Mar-03	Mid-Ebb	6	10-Mar-03	Mid-Flood	7	M02A	4-Aug-08	MID-EBB	5.95	4-Aug-08	MID-FLOOD	6.84
M07	17-Mar-03	Mid-Ebb	8	17-Mar-03	Mid-Flood	7	M02A	8-Aug-08	MID-EBB	5.33	8-Aug-08	MID-FLOOD	9.06
M07	19-Mar-03	Mid-Ebb	11	19-Mar-03	Mid-Flood	9	M02A	11-Aug-08	MID-EBB	4.73	11-Aug-08	MID-FLOOD	8.67
M07	22-Mar-03	Mid-Ebb	8	22-Mar-03	Mid-Flood	9	M02A	13-Aug-08	MID-EBB	4.50	13-Aug-08	MID-FLOOD	7.95
M07	24-Mar-03	Mid-Ebb	10	24-Mar-03	Mid-Flood	7	M02A	15-Aug-08	MID-EBB	6.00	15-Aug-08	MID-FLOOD	4.11
M07	26-Mar-03	Mid-Ebb	8	27-Mar-03	Mid-Flood	6	M02A	18-Aug-08	MID-EBB	5.78	18-Aug-08	MID-FLOOD	5.00
M07	31-Mar-03	Mid-Ebb	7	31-Mar-03	Mid-Flood	6	M02A	20-Aug-08	MID-EBB	5.56	20-Aug-08	MID-FLOOD	3.95
M07	02-Apr-03	Mid-Ebb	7	02-Apr-03	Mid-Flood	5	M02A	25-Aug-08	MID-EBB	4.62	25-Aug-08	MID-FLOOD	5.84
M07	04-Apr-03	Mid-Ebb	6	04-Apr-03	Mid-Flood	6	M02A	27-Aug-08	MID-EBB	5.00	27-Aug-08	MID-FLOOD	7.84
M07	07-Apr-03	Mid-Ebb	7	07-Apr-03	Mid-Flood	5	M02A	29-Aug-08	MID-EBB	4.56	29-Aug-08	MID-FLOOD	8.11
M07	09-Apr-03	Mid-Ebb	6	09-Apr-03	Mid-Flood	6	M02A	1-Sep-08	MID-EBB	4.95	1-Sep-08	MID-FLOOD	13.00
M07	14-Apr-03	Mid-Ebb	5	14-Apr-03	Mid-Flood	9	M02A	3-Sep-08	MID-EBB	5.73	3-Sep-08	MID-FLOOD	6.50
M07	16-Apr-03	Mid-Ebb	7	16-Apr-03	Mid-Flood	8	M02A	5-Sep-08	MID-EBB	4.50	5-Sep-08	MID-FLOOD	4.33
M08	06-Feb-03	Mid-Ebb	4	06-Feb-03	Mid-Flood	5	M02A	8-Sep-08	MID-EBB	7.95	8-Sep-08	MID-FLOOD	8.89
M08	08-Feb-03	Mid-Ebb	5	08-Feb-03	Mid-Flood	5	M02A	10-Sep-08	MID-EBB	6.00	10-Sep-08	MID-FLOOD	6.00
M08	10-Feb-03	Mid-Ebb	5	10-Feb-03	Mid-Flood	4	M02A	12-Sep-08	MID-EBB	3.56	12-Sep-08	MID-FLOOD	4.45
M08	14-Feb-03	Mid-Ebb	5	14-Feb-03	Mid-Flood	4	M02A	16-Sep-08	MID-EBB	5.84	16-Sep-08	MID-FLOOD	7.78
M08	18-Feb-03	Mid-Ebb	6	17-Feb-03	Mid-Flood	8	M02A	18-Sep-08	MID-EBB	5.45	18-Sep-08	MID-FLOOD	9.56
M08	19-Feb-03	Mid-Ebb	7	19-Feb-03	Mid-Flood	10	M02A	20-Sep-08	MID-EBB	5.95	20-Sep-08	MID-FLOOD	5.22
M08	21-Feb-03	Mid-Ebb	8	21-Feb-03	Mid-Flood	6	M02A	22-Sep-08	MID-EBB	5.00	22-Sep-08	MID-FLOOD	6.28
M08	24-Feb-03	Mid-Ebb	6	24-Feb-03	Mid-Flood	4	M02A	26-Sep-08	MID-EBB	5.73	26-Sep-08	MID-FLOOD	6.95
M08	28-Feb-03	Mid-Ebb	5	28-Feb-03	Mid-Flood	7	M02A	30-Sep-08	MID-EBB	6.17	30-Sep-08	MID-FLOOD	7.62
M08	03-Mar-03	Mid-Ebb	7	03-Mar-03	Mid-Flood	8	M02A	2-Oct-08	MID-EBB	6.50	2-Oct-08	MID-FLOOD	7.28
M08	05-Mar-03	Mid-Ebb	6	05-Mar-03	Mid-Flood	7	M02A	4-Oct-08	MID-EBB	5.11	4-Oct-08	MID-FLOOD	8.45
M08	07-Mar-03	Mid-Ebb	7	07-Mar-03	Mid-Flood	7	M02A	6-Oct-08	MID-EBB	7.89	6-Oct-08	MID-FLOOD	5.89
M08	10-Mar-03	Mid-Ebb	9	10-Mar-03	Mid-Flood	6	M02A	8-Oct-08	MID-EBB	4.78	8-Oct-08	MID-FLOOD	4.39
M08	17-Mar-03	Mid-Ebb	8	17-Mar-03	Mid-Flood	9	M02A	10-Oct-08	MID-EBB	5.22	10-Oct-08	MID-FLOOD	10.67
M08	19-Mar-03	Mid-Ebb	10	19-Mar-03	Mid-Flood	9	M02A	13-Oct-08	MID-EBB	8.73	13-Oct-08	MID-FLOOD	10.11
M08	22-Mar-03	Mid-Ebb	7	22-Mar-03	Mid-Flood	10	M02A	15-Oct-08	MID-EBB	8.11	15-Oct-08	MID-FLOOD	11.95
M08	24-Mar-03	Mid-Ebb	6	24-Mar-03	Mid-Flood	7	M02A	17-Oct-08	MID-EBB	8.73	17-Oct-08	MID-FLOOD	9.17
M08	26-Mar-03	Mid-Ebb	6	27-Mar-03	Mid-Flood	5	M02A	20-Oct-08	MID-EBB	6.50	20-Oct-08	MID-FLOOD	8.44
M08	31-Mar-03	Mid-Ebb	7	31-Mar-03	Mid-Flood	5	M02A	22-Oct-08	MID-EBB	7.73	22-Oct-08	MID-FLOOD	7.95
M08	02-Apr-03	Mid-Ebb	7	02-Apr-03	Mid-Flood	6	M02A	24-Oct-08	MID-EBB	5.17	24-Oct-08	MID-FLOOD	10.00
M08	04-Apr-03	Mid-Ebb	7	04-Apr-03	Mid-Flood	6	M02A	27-Oct-08	MID-EBB	7.89	27-Oct-08	MID-FLOOD	9.28
M08	07-Apr-03	Mid-Ebb	7	07-Apr-03	Mid-Flood	5	M02A	29-Oct-08	MID-EBB	8.45	29-Oct-08	MID-FLOOD	15.11
M08	09-Apr-03	Mid-Ebb	5	09-Apr-03	Mid-Flood	5	M02A	31-Oct-08	MID-EBB	7.50	31-Oct-08	MID-FLOOD	9.00
M08	14-Apr-03	Mid-Ebb	6	14-Apr-03	Mid-Flood	6	M03MSA	1-Aug-08	MID-EBB	4.11	1-Aug-08	MID-FLOOD	6.00
M08	16-Apr-03	Mid-Ebb	7	16-Apr-03	Mid-Flood	8	M03MSA	1-Aug-08	MID-EBB	4.11	1-Aug-08	MID-FLOOD	6.00
M09	06-Feb-03	Mid-Ebb	6	06-Feb-03	Mid-Flood	5	M03MSA	4-Aug-08	MID-EBB	6.95	4-Aug-08	MID-FLOOD	7.06
M09	08-Feb-03	Mid-Ebb	6	08-Feb-03	Mid-Flood	5	M03MSA	4-Aug-08	MID-EBB	6.95	4-Aug-08	MID-FLOOD	7.06
M09	10-Feb-03	Mid-Ebb	5	10-Feb-03	Mid-Flood	4	M03MSA	8-Aug-08	MID-EBB	5.22	8-Aug-08	MID-FLOOD	9.73
M09	14-Feb-03	Mid-Ebb	5	14-Feb-03	Mid-Flood	5	M03MSA	8-Aug-08	MID-EBB	5.22	8-Aug-08	MID-FLOOD	9.73
M09	18-Feb-03	Mid-Ebb	6	17-Feb-03	Mid-Flood	6	M03MSA	11-Aug-08	MID-EBB	4.00	11-Aug-08	MID-FLOOD	7.22
M09	19-Feb-03	Mid-Ebb	6	19-Feb-03	Mid-Flood	7	M03MSA	11-Aug-08	MID-EBB	4.00	11-Aug-08	MID-FLOOD	7.22
M09	21-Feb-03	Mid-Ebb	7	21-Feb-03	Mid-Flood	7	M03MSA	13-Aug-08	MID-EBB	5.28	13-Aug-08	MID-FLOOD	7.06
M09	24-Feb-03	Mid-Ebb	7	24-Feb-03	Mid-Flood	7	M03MSA	13-Aug-08	MID-EBB	5.28	13-Aug-08	MID-FLOOD	7.06
M09	28-Feb-03	Mid-Ebb	6	28-Feb-03	Mid-Flood	7	M03MSA	15-Aug-08	MID-EBB	5.00	15-Aug-08	MID-FLOOD	4.56
M09	03-Mar-03	Mid-Ebb	7	03-Mar-03	Mid-Flood	7	M03MSA	15-Aug-08	MID-EBB	5.00	15-Aug-08	MID-FLOOD	4.56
M09	05-Mar-03	Mid-Ebb	6	05-Mar-03	Mid-Flood	6	M03MSA	18-Aug-08	MID-EBB	5.67	18-Aug-08	MID-FLOOD	7.11
M09	07-Mar-03	Mid-Ebb	7	07-Mar-03	Mid-Flood	8	M03MSA	18-Aug-08	MID-EBB	5.67	18-Aug-08	MID-FLOOD	7.11
M09	10-Mar-03	Mid-Ebb	7	10-Mar-03	Mid-Flood	7	M03MSA	20-Aug-08	MID-EBB	5.11	20-Aug-08	MID-FLOOD	3.39
M09	17-Mar-03	Mid-Ebb	10	17-Mar-03	Mid-Flood	8	M03MSA	20-Aug-08	MID-EBB	5.11	20-Aug-08	MID-FLOOD	3.39
M09	19-Mar-03	Mid-Ebb	10	19-Mar-03	Mid-Flood	9	M03MSA	25-Aug-08	MID-EBB	5.67	25-Aug-08	MID-FLOOD	5.56
M09	22-Mar-03	Mid-Ebb	8	22-Mar-03	Mid-Flood	9	M03MSA	25-Aug-08	MID-EBB	5.67	25-Aug-08	MID-FLOOD	5.56
M09	24-Mar-03	Mid-Ebb	10	24-Mar-03	Mid-Flood	7	M03MSA	27-Aug-08	MID-EBB	5.00	27-Aug-08	MID-FLOOD	7.28
M09	26-Mar-03	Mid-Ebb	11	27-Mar-03	Mid-Flood	6	M03MSA	27-Aug-08	MID-EBB	5.00	27-Aug-08	MID-FLOOD	7.28
M09	31-Mar-03	Mid-Ebb	7	31-Mar-03	Mid-Flood	7	M03MSA	29-Aug-08	MID-EBB	5.28	29-Aug-08	MID-FLOOD	7.73
M09	02-Apr-03	Mid-Ebb	7	02-Apr-03	Mid-Flood	5	M03MSA	29-Aug-08	MID-EBB	5.28	29-Aug-08	MID-FLOOD	7.73
M09	04-Apr-03	Mid-Ebb	7	04-Apr-03	Mid-Flood	5	M03MSA	1-Sep-08	MID-EBB	5.17	1-Sep-08	MID-FLOOD	10.61
M09	07-Apr-03	Mid-Ebb	7	07-Apr-03	Mid-Flood	5	M03MSA	1-Sep-08	MID-EBB	5.17	1-Sep-08	MID-FLOOD	10.61
M09	09-Apr-03	Mid-Ebb	6	09-Apr-03	Mid-Flood	4	M03MSA	3-Sep-08	MID-EBB	9.00	3-Sep-08	MID-FLOOD	5.67
M09	14-Apr-03	Mid-Ebb	5	14-Apr-03	Mid-Flood	6	M03MSA	3-Sep-08	MID-EBB	9.00	3-Sep-08	MID-FLOOD	5.67
M09	16-Apr-03	Mid-Ebb	7	16-Apr-03	Mid-Flood	7	M03MSA	5-Sep-08	MID-EBB	4.73	5-Sep-08	MID-FLOOD	4.67
M10	06-Feb-03	Mid-Ebb	3	06-Feb-03	Mid-Flood	5	M03MSA	5-Sep-08	MID-EBB	4.73	5-Sep-08	MID-FLOOD	4.67
M10	08-Feb-03	Mid-Ebb	6	08-Feb-03	Mid-Flood	5	M03MSA	8-Sep-08	MID-EBB	6.56	8-Sep-08	MID-FLOOD	8.11
M10	10-Feb-03	Mid-Ebb	5	10-Feb-03	Mid-Flood	4	M03MSA	8-Sep-08	MID-EBB	6.56	8-Sep-08	MID-FLOOD	8.11
M10	14-Feb-03	Mid-Ebb	5	14-Feb-03	Mid-Flood	6	M03MSA	10-Sep-08	MID-EBB	6.78	10-Sep-08	MID-FLOOD	6.33
M10	18-Feb-03	Mid-Ebb	6	17-Feb-03	Mid-Flood	8	M03MSA	10-Sep-08	MID-EBB	6.78	10-Sep-08	MID-FLOOD	6.33
M10	19-Feb-03	Mid-Ebb	6	19-Feb-03	Mid-Flood	8	M03MSA	12-Sep-08	MID-EBB	4.00	12-Sep-08	MID-FLOOD	4.78
M10	21-Feb-03	Mid-Ebb	8	21-Feb-03	Mid-Flood	6	M03MSA	12-Sep-08	MID-EBB	4.00	12-Sep-08	MID-FLOOD	4.78
M10	24-Feb-03	Mid-Ebb	6	24-Feb-03	Mid-Flood	5	M03MSA	16-Sep-08	MID-EBB	5.67	16-Sep-08	MID-FLOOD	6.89
M10	28-Feb-03	Mid-Ebb	4	28-Feb-03	Mid-Flood	7	M03MSA	16-Sep-08	MID-EBB	5.67	16-Sep-08	MID-FLOOD	6.89
M10	03-Mar-03	Mid-Ebb	7	03-Mar-03	Mid-Flood	9	M03MSA	18-Sep-08	MID-EBB	4.73	18-Sep-08	MID-FLOOD	8.06
M10	05-Mar-03	Mid-Ebb	6	05-Mar-03	Mid-Flood	6	M03MSA	18-Sep-08	MID-EBB	4.73	18-Sep-08	MID-FLOOD	8.06
M10	07-Mar-03	Mid-Ebb	8	07-Mar-03	Mid-Flood	8	M03MSA	20-Sep-08	MID-EBB	6.06	20-Sep-08	MID-FLOOD	4.56
M10	10-Mar-03	Mid-Ebb	6	10-Mar-03	Mid-Flood	7	M03MSA	20-Sep-08	MID-EBB	6.06	20-Sep-08	MID-FLOOD	4.56
M10	17-Mar-03	Mid-Ebb	8	17-Mar-03	Mid-Flood	7	M03MSA	22-Sep-08	MID-EBB	4.00	22-Sep-08	MID-FLOOD	4.45
M10	19-Mar-03	Mid-Ebb	10	19-Mar-03	Mid-Flood	10	M03MSA	22-Sep-08	MID-EBB	4.00	22-Sep-08	MID-FLOOD	4.45
M10	22-Mar-03	Mid-Ebb	7	22-Mar-03	Mid-Flood	10	M03MSA	26-Sep-08	MID-EBB	5.73	26-Sep-08	MID-FLOOD	7.44
M10	24-Mar-03	Mid-Ebb	5	24-Mar-03	Mid-Flood	8	M03MSA	26-Sep-08	MID-EBB	5.73	26-Sep-08	MID-FLOOD	7.44
M10	26-Mar-03	Mid-Ebb	7	27-Mar-03	Mid-Flood	5	M03MSA	30-Sep-08	MID-EBB	5.39	30-Sep-08	MID-FLOOD	9.17
M10	31-Mar-03	Mid-Ebb	8	31-Mar-03	Mid-Flood	6	M03MSA</						

Baseline Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS
M11	06-Feb-03	Mid-Ebb	6	08-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	03-Mar-03	Mid-Ebb	9	05-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	02-Apr-03	Mid-Flood	8
M11	07-Apr-03	Mid-Ebb	8	09-Apr-03	Mid-Flood	8
M11	16-Apr-03	Mid-Ebb	7	06-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	03-Mar-03	Mid-Flood	10
M12	07-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	04-Apr-03	Mid-Ebb	8	07-Apr-03	Mid-Flood	10
M12	14-Apr-03	Mid-Ebb	8	16-Apr-03	Mid-Flood	3

$$n_1 = 434$$

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

$$\sigma_1 = 2.3$$

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

By applying the equation:

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

& testing

$$H_0: \mu = \mu_0$$

$$Z_{0.05} = -1.645$$

$$\bar{X} - \mu_0 = -2.72$$

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

Thus,

$$z = -38.83$$

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	8-Oct-08	MID-EBB	5.22	8-Oct-08	MID-FLOOD	4.67
M03MSA	8-Oct-08	MID-EBB	5.22	8-Oct-08	MID-FLOOD	4.67
M03MSA	10-Oct-08	MID-EBB	8.28	10-Oct-08	MID-FLOOD	8.06
M03MSA	10-Oct-08	MID-EBB	8.28	10-Oct-08	MID-FLOOD	8.06
M03MSA	13-Oct-08	MID-EBB	6.67	13-Oct-08	MID-FLOOD	10.33
M03MSA	13-Oct-08	MID-EBB	6.67	13-Oct-08	MID-FLOOD	10.33
M03MSA	15-Oct-08	MID-EBB	10.67	15-Oct-08	MID-FLOOD	12.17
M03MSA	15-Oct-08	MID-EBB	10.67	15-Oct-08	MID-FLOOD	12.17
M03MSA	17-Oct-08	MID-EBB	8.73	17-Oct-08	MID-FLOOD	11.50
M03MSA	17-Oct-08	MID-EBB	8.73	17-Oct-08	MID-FLOOD	11.50
M03MSA	20-Oct-08	MID-EBB	7.73	20-Oct-08	MID-FLOOD	7.22
M03MSA	20-Oct-08	MID-EBB	7.73	20-Oct-08	MID-FLOOD	7.22
M03MSA	22-Oct-08	MID-EBB	6.11	22-Oct-08	MID-FLOOD	12.45
M03MSA	22-Oct-08	MID-EBB	6.11	22-Oct-08	MID-FLOOD	12.45
M03MSA	24-Oct-08	MID-EBB	5.17	24-Oct-08	MID-FLOOD	8.50
M03MSA	24-Oct-08	MID-EBB	5.17	24-Oct-08	MID-FLOOD	8.50
M03MSA	27-Oct-08	MID-EBB	6.95	27-Oct-08	MID-FLOOD	8.44
M03MSA	27-Oct-08	MID-EBB	6.95	27-Oct-08	MID-FLOOD	8.44
M03MSA	29-Oct-08	MID-EBB	11.95	29-Oct-08	MID-FLOOD	9.67
M03MSA	29-Oct-08	MID-EBB	11.95	29-Oct-08	MID-FLOOD	9.67
M03MSA	31-Oct-08	MID-EBB	6.39	31-Oct-08	MID-FLOOD	11.95
M03MSA	31-Oct-08	MID-EBB	6.39	31-Oct-08	MID-FLOOD	11.95
M04B	1-Aug-08	MID-EBB	4.61	1-Aug-08	MID-FLOOD	5.56
M04B	4-Aug-08	MID-EBB	6.22	4-Aug-08	MID-FLOOD	5.17
M04B	8-Aug-08	MID-EBB	5.84	8-Aug-08	MID-FLOOD	6.78
M04B	11-Aug-08	MID-EBB	3.84	11-Aug-08	MID-FLOOD	10.61
M04B	13-Aug-08	MID-EBB	4.39	13-Aug-08	MID-FLOOD	5.61
M04B	15-Aug-08	MID-EBB	4.00	15-Aug-08	MID-FLOOD	3.67
M04B	18-Aug-08	MID-EBB	5.28	18-Aug-08	MID-FLOOD	6.56
M04B	20-Aug-08	MID-EBB	5.67	20-Aug-08	MID-FLOOD	3.78
M04B	25-Aug-08	MID-EBB	4.28	25-Aug-08	MID-FLOOD	6.62
M04B	27-Aug-08	MID-EBB	4.56	27-Aug-08	MID-FLOOD	7.06
M04B	29-Aug-08	MID-EBB	4.56	29-Aug-08	MID-FLOOD	8.39
M04B	1-Sep-08	MID-EBB	5.06	1-Sep-08	MID-FLOOD	14.33
M04B	3-Sep-08	MID-EBB	5.28	3-Sep-08	MID-FLOOD	6.00
M04B	5-Sep-08	MID-EBB	4.17	5-Sep-08	MID-FLOOD	4.62
M04B	8-Sep-08	MID-EBB	8.00	8-Sep-08	MID-FLOOD	8.50
M04B	10-Sep-08	MID-EBB	5.62	10-Sep-08	MID-FLOOD	6.00
M04B	12-Sep-08	MID-EBB	3.62	12-Sep-08	MID-FLOOD	4.33
M04B	16-Sep-08	MID-EBB	6.39	16-Sep-08	MID-FLOOD	7.56
M04B	18-Sep-08	MID-EBB	5.45	18-Sep-08	MID-FLOOD	9.61
M04B	20-Sep-08	MID-EBB	8.84	20-Sep-08	MID-FLOOD	5.06
M04B	22-Sep-08	MID-EBB	5.00	22-Sep-08	MID-FLOOD	5.84
M04B	26-Sep-08	MID-EBB	6.73	26-Sep-08	MID-FLOOD	6.17
M04B	30-Sep-08	MID-EBB	6.62	30-Sep-08	MID-FLOOD	6.78
M04B	2-Oct-08	MID-EBB	5.84	2-Oct-08	MID-FLOOD	7.00
M04B	4-Oct-08	MID-EBB	5.33	4-Oct-08	MID-FLOOD	8.84
M04B	6-Oct-08	MID-EBB	8.67	6-Oct-08	MID-FLOOD	4.56
M04B	8-Oct-08	MID-EBB	4.56	8-Oct-08	MID-FLOOD	4.11
M04B	10-Oct-08	MID-EBB	5.39	10-Oct-08	MID-FLOOD	13.50
M04B	13-Oct-08	MID-EBB	7.11	13-Oct-08	MID-FLOOD	9.28
M04B	15-Oct-08	MID-EBB	10.34	15-Oct-08	MID-FLOOD	11.45
M04B	17-Oct-08	MID-EBB	9.00	17-Oct-08	MID-FLOOD	9.44
M04B	20-Oct-08	MID-EBB	6.50	20-Oct-08	MID-FLOOD	8.45
M04B	22-Oct-08	MID-EBB	7.56	22-Oct-08	MID-FLOOD	9.73
M04B	24-Oct-08	MID-EBB	7.67	24-Oct-08	MID-FLOOD	11.45
M04B	27-Oct-08	MID-EBB	8.06	27-Oct-08	MID-FLOOD	9.11
M04B	29-Oct-08	MID-EBB	7.95	29-Oct-08	MID-FLOOD	10.67
M04B	31-Oct-08	MID-EBB	6.78	31-Oct-08	MID-FLOOD	9.84
M05B	1-Aug-08	MID-EBB	4.06	1-Aug-08	MID-FLOOD	5.89
M05B	4-Aug-08	MID-EBB	5.95	4-Aug-08	MID-FLOOD	5.84
M05B	8-Aug-08	MID-EBB	5.06	8-Aug-08	MID-FLOOD	10.84
M05B	11-Aug-08	MID-EBB	4.22	11-Aug-08	MID-FLOOD	6.78
M05B	13-Aug-08	MID-EBB	4.73	13-Aug-08	MID-FLOOD	10.39
M05B	15-Aug-08	MID-EBB	4.00	15-Aug-08	MID-FLOOD	4.62
M05B	18-Aug-08	MID-EBB	5.28	18-Aug-08	MID-FLOOD	8.33
M05B	20-Aug-08	MID-EBB	5.50	20-Aug-08	MID-FLOOD	3.62
M05B	25-Aug-08	MID-EBB	4.84	25-Aug-08	MID-FLOOD	6.89
M05B	27-Aug-08	MID-EBB	3.84	27-Aug-08	MID-FLOOD	7.11
M05B	29-Aug-08	MID-EBB	5.06	29-Aug-08	MID-FLOOD	8.28
M05B	1-Sep-08	MID-EBB	5.33	1-Sep-08	MID-FLOOD	11.67
M05B	3-Sep-08	MID-EBB	5.39	3-Sep-08	MID-FLOOD	5.67
M05B	5-Sep-08	MID-EBB	5.22	5-Sep-08	MID-FLOOD	4.39
M05B	8-Sep-08	MID-EBB	7.33	8-Sep-08	MID-FLOOD	7.33
M05B	10-Sep-08	MID-EBB	6.78	10-Sep-08	MID-FLOOD	6.00
M05B	12-Sep-08	MID-EBB	4.62	12-Sep-08	MID-FLOOD	4.67
M05B	16-Sep-08	MID-EBB	5.39	16-Sep-08	MID-FLOOD	6.67
M05B	18-Sep-08	MID-EBB	4.95	18-Sep-08	MID-FLOOD	7.17
M05B	20-Sep-08	MID-EBB	5.67	20-Sep-08	MID-FLOOD	5.39
M05B	22-Sep-08	MID-EBB	4.00	22-Sep-08	MID-FLOOD	4.39
M05B	26-Sep-08	MID-EBB	6.61	26-Sep-08	MID-FLOOD	7.50
M05B	30-Sep-08	MID-EBB	5.28	30-Sep-08	MID-FLOOD	9.39
M05B	2-Oct-08	MID-EBB	6.50	2-Oct-08	MID-FLOOD	8.33
M05B	4-Oct-08	MID-EBB	4.95	4-Oct-08	MID-FLOOD	7.72
M05B	6-Oct-08	MID-EBB	8.95	6-Oct-08	MID-FLOOD	5.11
M05B	8-Oct-08	MID-EBB	4.56	8-Oct-08	MID-FLOOD	4.56
M05B	10-Oct-08	MID-EBB	6.89	10-Oct-08	MID-FLOOD	8.17
M05B	13-Oct-08	MID-EBB	6.56	13-Oct-08	MID-FLOOD	10.39
M05B	15-Oct-08	MID-EBB	9.84	15-Oct-08	MID-FLOOD	10.62
M05B	17-Oct-08	MID-EBB	9.17	17-Oct-08	MID-FLOOD	7.84
M05B	20-Oct-08	MID-EBB	7.28	20-Oct-08	MID-FLOOD	7.61
M05B	22-Oct-08	MID-EBB	7.06	22-Oct-08	MID-FLOOD	14.17
M05B	24-Oct-08	MID-EBB	5.95	24-Oct-08	MID-FLOOD	6.73
M05B	27-Oct-08	MID-EBB	6.84	27-Oct-08	MID-FLOOD	7.61
M05B	29-Oct-08	MID-EBB	17.06	29-Oct-08	MID-FLOOD	11.33
M05B	31-Oct-08	MID-EBB	6.28	31-Oct-08	MID-FLOOD	17.22
M06	1-Aug-08	MID-EBB	5.00	1-Aug-08	MID-FLOOD	7.28
M06	4-Aug-08	MID-EBB	7.00	4-Aug-08	MID-FLOOD	9.28



Baseline Results (DA)							Impact Monitoring Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS	STN	DATE	TIDE	SS	DATE	TIDE	SS
M08	17-Oct-08	MID-EBB	8.67	17-Oct-08	MID-FLOOD	8.80	M08	17-Oct-08	MID-EBB	6.19	20-Oct-08	MID-FLOOD	6.30
M08	20-Oct-08	MID-EBB	6.35	22-Oct-08	MID-FLOOD	6.52	M08	22-Oct-08	MID-EBB	4.20	24-Oct-08	MID-FLOOD	9.91
M08	24-Oct-08	MID-EBB	13.54	27-Oct-08	MID-FLOOD	12.30	M08	27-Oct-08	MID-EBB	7.72	29-Oct-08	MID-FLOOD	6.57
M08	29-Oct-08	MID-EBB	5.87	31-Oct-08	MID-FLOOD	7.45	M08	31-Oct-08	MID-EBB	4.52	1-Aug-08	MID-FLOOD	4.76
M09	1-Aug-08	MID-EBB	5.45	4-Aug-08	MID-FLOOD	5.91	M09	4-Aug-08	MID-EBB	4.15	8-Aug-08	MID-FLOOD	5.30
M09	8-Aug-08	MID-EBB	4.61	11-Aug-08	MID-FLOOD	4.59	M09	11-Aug-08	MID-EBB	3.54	13-Aug-08	MID-FLOOD	3.65
M09	11-Aug-08	MID-EBB	3.67	15-Aug-08	MID-FLOOD	3.48	M09	13-Aug-08	MID-EBB	4.59	18-Aug-08	MID-FLOOD	4.50
M09	13-Aug-08	MID-EBB	5.28	20-Aug-08	MID-FLOOD	3.48	M09	15-Aug-08	MID-EBB	3.26	25-Aug-08	MID-FLOOD	4.48
M09	15-Aug-08	MID-EBB	7.09	29-Aug-08	MID-FLOOD	6.22	M09	18-Aug-08	MID-EBB	4.82	27-Aug-08	MID-FLOOD	9.00
M09	18-Aug-08	MID-EBB	4.11	1-Sep-08	MID-FLOOD	4.44	M09	20-Aug-08	MID-EBB	7.09	29-Aug-08	MID-FLOOD	6.22
M09	20-Aug-08	MID-EBB	4.72	3-Sep-08	MID-FLOOD	5.22	M09	25-Aug-08	MID-EBB	4.11	1-Sep-08	MID-FLOOD	4.44
M09	22-Aug-08	MID-EBB	4.28	5-Sep-08	MID-FLOOD	4.45	M09	27-Aug-08	MID-EBB	4.72	3-Sep-08	MID-FLOOD	5.22
M09	25-Aug-08	MID-EBB	5.80	8-Sep-08	MID-FLOOD	8.28	M09	29-Aug-08	MID-EBB	4.28	5-Sep-08	MID-FLOOD	4.45
M09	27-Aug-08	MID-EBB	6.44	10-Sep-08	MID-FLOOD	6.41	M09	31-Oct-08	MID-EBB	5.80	8-Sep-08	MID-FLOOD	8.28
M09	29-Aug-08	MID-EBB	3.02	12-Sep-08	MID-FLOOD	3.85	M09	1-Sep-08	MID-EBB	6.44	10-Sep-08	MID-FLOOD	6.41
M09	31-Oct-08	MID-EBB	6.21	16-Sep-08	MID-FLOOD	5.89	M09	12-Sep-08	MID-EBB	3.02	12-Sep-08	MID-FLOOD	3.85
M09	1-Aug-08	MID-EBB	7.65	18-Sep-08	MID-FLOOD	6.56	M09	16-Sep-08	MID-EBB	6.21	16-Sep-08	MID-FLOOD	5.89
M09	8-Aug-08	MID-EBB	7.15	20-Sep-08	MID-FLOOD	5.78	M09	18-Sep-08	MID-EBB	7.65	18-Sep-08	MID-FLOOD	6.56
M09	22-Sep-08	MID-EBB	4.08	22-Sep-08	MID-FLOOD	3.43	M09	20-Sep-08	MID-EBB	7.15	20-Sep-08	MID-FLOOD	5.78
M09	26-Sep-08	MID-EBB	8.87	26-Sep-08	MID-FLOOD	11.09	M09	22-Sep-08	MID-EBB	4.08	22-Sep-08	MID-FLOOD	3.43
M09	30-Sep-08	MID-EBB	5.80	30-Sep-08	MID-FLOOD	5.13	M09	26-Sep-08	MID-EBB	8.87	26-Sep-08	MID-FLOOD	11.09
M09	2-Oct-08	MID-EBB	8.46	2-Oct-08	MID-FLOOD	8.87	M09	30-Sep-08	MID-EBB	5.80	30-Sep-08	MID-FLOOD	5.13
M09	4-Oct-08	MID-EBB	5.58	4-Oct-08	MID-FLOOD	6.24	M09	2-Oct-08	MID-EBB	8.46	2-Oct-08	MID-FLOOD	8.87
M09	6-Oct-08	MID-EBB	4.61	6-Oct-08	MID-FLOOD	4.48	M09	4-Oct-08	MID-EBB	5.58	4-Oct-08	MID-FLOOD	6.24
M09	8-Oct-08	MID-EBB	4.07	8-Oct-08	MID-FLOOD	4.50	M09	6-Oct-08	MID-EBB	4.61	6-Oct-08	MID-FLOOD	4.48
M09	10-Oct-08	MID-EBB	6.52	10-Oct-08	MID-FLOOD	7.80	M09	8-Oct-08	MID-EBB	4.07	8-Oct-08	MID-FLOOD	4.50
M09	13-Oct-08	MID-EBB	8.43	13-Oct-08	MID-FLOOD	10.48	M09	10-Oct-08	MID-EBB	6.52	10-Oct-08	MID-FLOOD	7.80
M09	15-Oct-08	MID-EBB	8.11	15-Oct-08	MID-FLOOD	7.41	M09	13-Oct-08	MID-EBB	8.43	13-Oct-08	MID-FLOOD	10.48
M09	17-Oct-08	MID-EBB	9.00	17-Oct-08	MID-FLOOD	8.95	M09	15-Oct-08	MID-EBB	8.11	15-Oct-08	MID-FLOOD	7.41
M09	20-Oct-08	MID-EBB	5.50	20-Oct-08	MID-FLOOD	5.74	M09	17-Oct-08	MID-EBB	9.00	17-Oct-08	MID-FLOOD	8.95
M09	22-Oct-08	MID-EBB	5.84	22-Oct-08	MID-FLOOD	6.54	M09	20-Oct-08	MID-EBB	5.50	20-Oct-08	MID-FLOOD	5.74
M09	24-Oct-08	MID-EBB	5.02	24-Oct-08	MID-FLOOD	7.63	M09	22-Oct-08	MID-EBB	5.84	22-Oct-08	MID-FLOOD	6.54
M09	27-Oct-08	MID-EBB	17.48	27-Oct-08	MID-FLOOD	11.57	M09	24-Oct-08	MID-EBB	5.02	24-Oct-08	MID-FLOOD	7.63
M09	29-Oct-08	MID-EBB	7.61	29-Oct-08	MID-FLOOD	7.28	M09	27-Oct-08	MID-EBB	17.48	27-Oct-08	MID-FLOOD	11.57
M09	31-Oct-08	MID-EBB	6.31	31-Oct-08	MID-FLOOD	8.63	M09	29-Oct-08	MID-EBB	7.61	29-Oct-08	MID-FLOOD	7.28
M10	1-Aug-08	MID-EBB	4.46	1-Aug-08	MID-FLOOD	4.26	M09	31-Oct-08	MID-EBB	6.31	31-Oct-08	MID-FLOOD	8.63
M10	4-Aug-08	MID-EBB	5.26	4-Aug-08	MID-FLOOD	5.09	M10	1-Aug-08	MID-EBB	4.46	1-Aug-08	MID-FLOOD	4.26
M10	8-Aug-08	MID-EBB	4.48	8-Aug-08	MID-FLOOD	5.18	M10	4-Aug-08	MID-EBB	5.26	4-Aug-08	MID-FLOOD	5.09
M10	11-Aug-08	MID-EBB	4.30	11-Aug-08	MID-FLOOD	5.30	M10	8-Aug-08	MID-EBB	4.48	8-Aug-08	MID-FLOOD	5.18
M10	13-Aug-08	MID-EBB	3.67	13-Aug-08	MID-FLOOD	4.28	M10	11-Aug-08	MID-EBB	4.30	11-Aug-08	MID-FLOOD	5.30
M10	15-Aug-08	MID-EBB	4.09	15-Aug-08	MID-FLOOD	3.67	M10	13-Aug-08	MID-EBB	3.67	13-Aug-08	MID-FLOOD	4.28
M10	18-Aug-08	MID-EBB	3.71	18-Aug-08	MID-FLOOD	3.50	M10	15-Aug-08	MID-EBB	4.09	15-Aug-08	MID-FLOOD	3.67
M10	20-Aug-08	MID-EBB	4.95	20-Aug-08	MID-FLOOD	3.39	M10	18-Aug-08	MID-EBB	3.71	18-Aug-08	MID-FLOOD	3.50
M10	25-Aug-08	MID-EBB	3.84	25-Aug-08	MID-FLOOD	4.74	M10	20-Aug-08	MID-EBB	4.95	20-Aug-08	MID-FLOOD	3.39
M10	27-Aug-08	MID-EBB	4.57	27-Aug-08	MID-FLOOD	7.76	M10	25-Aug-08	MID-EBB	3.84	25-Aug-08	MID-FLOOD	4.74
M10	29-Aug-08	MID-EBB	6.09	29-Aug-08	MID-FLOOD	7.33	M10	27-Aug-08	MID-EBB	4.57	27-Aug-08	MID-FLOOD	7.76
M10	1-Sep-08	MID-EBB	4.74	1-Sep-08	MID-FLOOD	4.67	M10	29-Aug-08	MID-EBB	6.09	29-Aug-08	MID-FLOOD	7.33
M10	3-Sep-08	MID-EBB	3.98	3-Sep-08	MID-FLOOD	5.35	M10	1-Sep-08	MID-EBB	4.74	1-Sep-08	MID-FLOOD	4.67
M10	5-Sep-08	MID-EBB	6.13	5-Sep-08	MID-FLOOD	6.24	M10	3-Sep-08	MID-EBB	3.98	3-Sep-08	MID-FLOOD	5.35
M10	8-Sep-08	MID-EBB	5.89	8-Sep-08	MID-FLOOD	6.80	M10	5-Sep-08	MID-EBB	6.13	5-Sep-08	MID-FLOOD	6.24
M10	10-Sep-08	MID-EBB	5.83	10-Sep-08	MID-FLOOD	6.15	M10	8-Sep-08	MID-EBB	5.89	8-Sep-08	MID-FLOOD	6.80
M10	12-Sep-08	MID-EBB	3.67	12-Sep-08	MID-FLOOD	4.35	M10	10-Sep-08	MID-EBB	5.83	10-Sep-08	MID-FLOOD	6.15
M10	16-Sep-08	MID-EBB	9.59	16-Sep-08	MID-FLOOD	7.06	M10	12-Sep-08	MID-EBB	3.67	12-Sep-08	MID-FLOOD	4.35
M10	18-Sep-08	MID-EBB	7.63	18-Sep-08	MID-FLOOD	6.76	M10	16-Sep-08	MID-EBB	9.59	16-Sep-08	MID-FLOOD	7.06
M10	20-Sep-08	MID-EBB	7.00	20-Sep-08	MID-FLOOD	6.63	M10	18-Sep-08	MID-EBB	7.63	18-Sep-08	MID-FLOOD	6.76
M10	22-Sep-08	MID-EBB	3.74	22-Sep-08	MID-FLOOD	3.78	M10	20-Sep-08	MID-EBB	7.00	20-Sep-08	MID-FLOOD	6.63
M10	26-Sep-08	MID-EBB	10.72	26-Sep-08	MID-FLOOD	10.39	M10	22-Sep-08	MID-EBB	3.74	22-Sep-08	MID-FLOOD	3.78
M10	30-Sep-08	MID-EBB	8.96	30-Sep-08	MID-FLOOD	12.09	M10	26-Sep-08	MID-EBB	10.72	26-Sep-08	MID-FLOOD	10.39
M10	2-Oct-08	MID-EBB	11.18	2-Oct-08	MID-FLOOD	7.70	M10	30-Sep-08	MID-EBB	8.96	30-Sep-08	MID-FLOOD	12.09
M10	4-Oct-08	MID-EBB	4.37	4-Oct-08	MID-FLOOD	8.28	M10	2-Oct-08	MID-EBB	11.18	2-Oct-08	MID-FLOOD	7.70
M10	6-Oct-08	MID-EBB	4.82	6-Oct-08	MID-FLOOD	4.82	M10	4-Oct-08	MID-EBB	4.37	4-Oct-08	MID-FLOOD	8.28
M10	8-Oct-08	MID-EBB	4.28	8-Oct-08	MID-FLOOD	5.39	M10	6-Oct-08	MID-EBB	4.82	6-Oct-08	MID-FLOOD	4.82
M10	10-Oct-08	MID-EBB	6.63	10-Oct-08	MID-FLOOD	8.46	M10	8-Oct-08	MID-EBB	4.28	8-Oct-08	MID-FLOOD	5.39
M10	13-Oct-08	MID-EBB	8.56	13-Oct-08	MID-FLOOD	10.59	M10	10-Oct-08	MID-EBB	6.63	10-Oct-08	MID-FLOOD	8.46
M10	15-Oct-08	MID-EBB	8.45	15-Oct-08	MID-FLOOD	8.26	M10	13-Oct-08	MID-EBB	8.56	13-Oct-08	MID-FLOOD	10.59
M10	17-Oct-08	MID-EBB	8.67	17-Oct-08	MID-FLOOD	9.31	M10	15-Oct-08	MID-EBB	8.45	15-Oct-08	MID-FLOOD	8.26
M10	20-Oct-08	MID-EBB	6.00	20-Oct-08	MID-FLOOD	5.63	M10	17-Oct-08	MID-EBB	8.67	17-Oct-08	MID-FLOOD	9.31
M10	22-Oct-08	MID-EBB	5.91	22-Oct-08	MID-FLOOD	6.46	M10	20-Oct-08	MID-EBB	6.00	20-Oct-08	MID-FLOOD	5.63
M10	24-Oct-08	MID-EBB	3.89	24-Oct-08	MID-FLOOD	8.98	M10	22-Oct-08	MID-EBB	5.91	22-Oct-08	MID-FLOOD	6.46
M10	27-Oct-08	MID-EBB	7.54	27-Oct-08	MID-FLOOD	10.06	M10	24-Oct-08	MID-EBB	3.89	24-Oct-08	MID-FLOOD	8.98
M10	29-Oct-08	MID-EBB	8.08	29-Oct-08	MID-FLOOD	6.69	M10	27-Oct-08	MID-EBB	7.54	27-Oct-08	MID-FLOOD	10.06
M10	31-Oct-08	MID-EBB	8.45	31-Oct-08	MID-FLOOD	7.85	M10	29-Oct-08	MID-EBB	8.08	29-Oct-08	MID-FLOOD	6.69
M11	1-Aug-08	MID-EBB	4.95	1-Aug-08	MID-FLOOD	8.89	M10	31-Oct-08	MID-EBB	8.45	31-Oct-08	MID-FLOOD	7.85
M11	4-Aug-08	MID-EBB	7.28	4-Aug-08	MID-FLOOD	6.17	M11	1-Aug-08	MID-EBB	4.95	1-Aug-08	MID-FLOOD	8.89
M11	8-Aug-08	MID-EBB	5.45	8-Aug-08	MID-FLOOD	5.06	M11	4-Aug-08	MID-EBB	7.28	4-Aug-08	MID-FLOOD	6.17
M11	11-Aug-08	MID-EBB	5.00	11-Aug-08	MID-FLOOD	6.45	M11	8-Aug-08	MID-EBB	5.45	8-Aug-08	MID-FLOOD	5.06
M11	13-Aug-08	MID-EBB	4.67	13-Aug-08	MID-FLOOD	7.50	M11	11-Aug-08	MID-EBB	5.00	11-Aug-08	MID-FLOOD	6.45
M11	15-Aug-08	MID-EBB	4.00	15-Aug-08	MID-FLOOD	4.89	M11	13-Aug-08	MID-EBB	4.67	13-Aug-08	MID-FLOOD	7.50
M11	18-Aug-08	MID-EBB	5.00	18-Aug-08	MID-FLOOD	6.33	M11	15-Aug-08	MID-EBB	4.00	15-Aug-08	MID-FLOOD	4.89
M11	20-Aug-08	MID-EBB	5.39	20-Aug-08	MID-FLOOD	4.28	M11	18-Aug-08	MID-EBB	5.00	18-Aug-08	MID-FLOOD	6.33
M11	25-Aug-08	MID-EBB	5.45	25-Aug-08	MID-FLOOD	4.78	M11	20-Aug-08	MID-EBB	5.39	20-Aug-08	MID-FLOOD	4.28
M11	27-Aug-08	MID-EBB	5.22	27-Aug-08	MID-FLOOD	6.84	M11	25-Aug-08	MID-EBB	5.45	25-Aug-08	MID-FLOOD	4.78
M11	29-Aug-08	MID-EBB	5.39	29-Aug-08	MID-FLOOD	9.11	M11	27-Aug-08	MID-EBB	5.22	27-Aug-08	MID-FLOOD	6.84
M11	1-Sep-08	MID-EBB	5.89	1-Sep-08	MID-FLOOD	6.95	M11	29-Aug-08	MID-EBB	5.39	29-Aug-08	MID-FLOOD	9.11
M11	3-Sep-08	MID-EBB	5.84	3-Sep-08	MID-FLOOD	5.67	M11	1-Sep-08	MID-EBB	5.89	1-Sep-08	MID-FLOOD	6.95
M11	5-Sep-08	MID-EBB	4.78	5-Sep-08	MID-FLOOD	6.95	M11	3-Sep-08	MID-EBB	5.84	3-Sep-08	MID-FLOOD	5.67
M11	8-Sep-08	MID-EBB	7.17	8-Sep-08	MID-FLOOD	7.84	M11	5-Sep-08	MID-EBB	4.78	5-Sep-08	MID-FLOOD	6.95
M11	10-Sep-08	MID-EBB	5.89	10-Sep-08	MID-FLOOD	6.00	M11	8-Sep-08	MID-EBB	7.17	8-Sep-08	MID-FLOOD	7.84
M11	12-Sep-08	MID-EBB	4.39	12-Sep-08	MID-FLOOD	4.28	M11	10-Sep-08	MID-EBB	5.89	10-Sep-08	MID-FLOOD	6.00
M11	16-Sep-08	MID-EBB	7.95	16-Sep-08	MID-FLOOD	10.06	M11	12-Sep-08	MID-EBB	4.39	12-Sep-08	MID-FLOOD	4.28
M11	18-Sep-08	MID-EBB	8.28	18-Sep-08	MID-FLOOD	8.95	M11	16-Sep-08	MID-EBB	7.95	16-Sep-08	MID-FLOOD	10.06
M11	20-Sep-08	MID-EBB	6.00	20-Sep-08	MID-FLOOD	6.45	M11	18-Sep-08	MID-EBB	8.28	18-Sep-08	MID-FLOOD	8.95</

Baseline Results (DA)							Impact Monitoring Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS	STN	DATE	TIDE	SS	DATE	TIDE	SS
M11	26-Sep-08	MID-EBB	5.95	26-Sep-08	MID-FLOOD	6.56	M11	26-Sep-08	MID-EBB	5.95	26-Sep-08	MID-FLOOD	6.56
M11	30-Sep-08	MID-EBB	8.22	30-Sep-08	MID-FLOOD	7.22	M11	30-Sep-08	MID-EBB	8.22	30-Sep-08	MID-FLOOD	7.22
M11	2-Oct-08	MID-EBB	10.00	2-Oct-08	MID-FLOOD	9.78	M11	2-Oct-08	MID-EBB	10.00	2-Oct-08	MID-FLOOD	9.78
M11	4-Oct-08	MID-EBB	5.67	4-Oct-08	MID-FLOOD	9.39	M11	4-Oct-08	MID-EBB	5.67	4-Oct-08	MID-FLOOD	9.39
M11	6-Oct-08	MID-EBB	5.00	6-Oct-08	MID-FLOOD	6.28	M11	6-Oct-08	MID-EBB	5.00	6-Oct-08	MID-FLOOD	6.28
M11	8-Oct-08	MID-EBB	4.95	8-Oct-08	MID-FLOOD	5.39	M11	8-Oct-08	MID-EBB	4.95	8-Oct-08	MID-FLOOD	5.39
M11	10-Oct-08	MID-EBB	6.22	10-Oct-08	MID-FLOOD	8.73	M11	10-Oct-08	MID-EBB	6.22	10-Oct-08	MID-FLOOD	8.73
M11	13-Oct-08	MID-EBB	8.22	13-Oct-08	MID-FLOOD	9.95	M11	13-Oct-08	MID-EBB	8.22	13-Oct-08	MID-FLOOD	9.95
M11	15-Oct-08	MID-EBB	10.67	15-Oct-08	MID-FLOOD	9.89	M11	15-Oct-08	MID-EBB	10.67	15-Oct-08	MID-FLOOD	9.89
M11	17-Oct-08	MID-EBB	11.61	17-Oct-08	MID-FLOOD	10.11	M11	17-Oct-08	MID-EBB	11.61	17-Oct-08	MID-FLOOD	10.11
M11	20-Oct-08	MID-EBB	10.28	20-Oct-08	MID-FLOOD	8.06	M11	20-Oct-08	MID-EBB	10.28	20-Oct-08	MID-FLOOD	8.06
M11	22-Oct-08	MID-EBB	7.61	22-Oct-08	MID-FLOOD	10.84	M11	22-Oct-08	MID-EBB	7.61	22-Oct-08	MID-FLOOD	10.84
M11	24-Oct-08	MID-EBB	5.50	24-Oct-08	MID-FLOOD	12.50	M11	24-Oct-08	MID-EBB	5.50	24-Oct-08	MID-FLOOD	12.50
M11	27-Oct-08	MID-EBB	8.89	27-Oct-08	MID-FLOOD	12.34	M11	27-Oct-08	MID-EBB	8.89	27-Oct-08	MID-FLOOD	12.34
M11	29-Oct-08	MID-EBB	9.34	29-Oct-08	MID-FLOOD	7.61	M11	29-Oct-08	MID-EBB	9.34	29-Oct-08	MID-FLOOD	7.61
M11	31-Oct-08	MID-EBB	10.22	31-Oct-08	MID-FLOOD	15.67	M11	31-Oct-08	MID-EBB	10.22	31-Oct-08	MID-FLOOD	15.67
M12	1-Aug-08	MID-EBB	5.00	1-Aug-08	MID-FLOOD	8.11	M12	1-Aug-08	MID-EBB	5.00	1-Aug-08	MID-FLOOD	8.11
M12	4-Aug-08	MID-EBB	6.84	4-Aug-08	MID-FLOOD	9.22	M12	4-Aug-08	MID-EBB	6.84	4-Aug-08	MID-FLOOD	9.22
M12	8-Aug-08	MID-EBB	4.33	8-Aug-08	MID-FLOOD	6.56	M12	8-Aug-08	MID-EBB	4.33	8-Aug-08	MID-FLOOD	6.56
M12	11-Aug-08	MID-EBB	4.78	11-Aug-08	MID-FLOOD	5.67	M12	11-Aug-08	MID-EBB	4.78	11-Aug-08	MID-FLOOD	5.67
M12	13-Aug-08	MID-EBB	5.00	13-Aug-08	MID-FLOOD	4.73	M12	13-Aug-08	MID-EBB	5.00	13-Aug-08	MID-FLOOD	4.73
M12	15-Aug-08	MID-EBB	6.00	15-Aug-08	MID-FLOOD	6.56	M12	15-Aug-08	MID-EBB	6.00	15-Aug-08	MID-FLOOD	6.56
M12	18-Aug-08	MID-EBB	5.28	18-Aug-08	MID-FLOOD	5.22	M12	18-Aug-08	MID-EBB	5.28	18-Aug-08	MID-FLOOD	5.22
M12	20-Aug-08	MID-EBB	5.56	20-Aug-08	MID-FLOOD	5.00	M12	20-Aug-08	MID-EBB	5.56	20-Aug-08	MID-FLOOD	5.00
M12	25-Aug-08	MID-EBB	7.67	25-Aug-08	MID-FLOOD	5.33	M12	25-Aug-08	MID-EBB	7.67	25-Aug-08	MID-FLOOD	5.33
M12	27-Aug-08	MID-EBB	4.67	27-Aug-08	MID-FLOOD	6.11	M12	27-Aug-08	MID-EBB	4.67	27-Aug-08	MID-FLOOD	6.11
M12	29-Aug-08	MID-EBB	5.78	29-Aug-08	MID-FLOOD	7.45	M12	29-Aug-08	MID-EBB	5.78	29-Aug-08	MID-FLOOD	7.45
M12	1-Sep-08	MID-EBB	5.89	1-Sep-08	MID-FLOOD	6.56	M12	1-Sep-08	MID-EBB	5.89	1-Sep-08	MID-FLOOD	6.56
M12	3-Sep-08	MID-EBB	5.28	3-Sep-08	MID-FLOOD	7.67	M12	3-Sep-08	MID-EBB	5.28	3-Sep-08	MID-FLOOD	7.67
M12	5-Sep-08	MID-EBB	7.22	5-Sep-08	MID-FLOOD	5.89	M12	5-Sep-08	MID-EBB	7.22	5-Sep-08	MID-FLOOD	5.89
M12	8-Sep-08	MID-EBB	7.89	8-Sep-08	MID-FLOOD	7.45	M12	8-Sep-08	MID-EBB	7.89	8-Sep-08	MID-FLOOD	7.45
M12	10-Sep-08	MID-EBB	5.45	10-Sep-08	MID-FLOOD	5.45	M12	10-Sep-08	MID-EBB	5.45	10-Sep-08	MID-FLOOD	5.45
M12	12-Sep-08	MID-EBB	3.78	12-Sep-08	MID-FLOOD	4.56	M12	12-Sep-08	MID-EBB	3.78	12-Sep-08	MID-FLOOD	4.56
M12	16-Sep-08	MID-EBB	6.78	16-Sep-08	MID-FLOOD	7.39	M12	16-Sep-08	MID-EBB	6.78	16-Sep-08	MID-FLOOD	7.39
M12	18-Sep-08	MID-EBB	6.56	18-Sep-08	MID-FLOOD	5.45	M12	18-Sep-08	MID-EBB	6.56	18-Sep-08	MID-FLOOD	5.45
M12	20-Sep-08	MID-EBB	5.22	20-Sep-08	MID-FLOOD	7.45	M12	20-Sep-08	MID-EBB	5.22	20-Sep-08	MID-FLOOD	7.45
M12	22-Sep-08	MID-EBB	5.00	22-Sep-08	MID-FLOOD	6.11	M12	22-Sep-08	MID-EBB	5.00	22-Sep-08	MID-FLOOD	6.11
M12	26-Sep-08	MID-EBB	5.67	26-Sep-08	MID-FLOOD	8.11	M12	26-Sep-08	MID-EBB	5.67	26-Sep-08	MID-FLOOD	8.11
M12	30-Sep-08	MID-EBB	6.78	30-Sep-08	MID-FLOOD	10.33	M12	30-Sep-08	MID-EBB	6.78	30-Sep-08	MID-FLOOD	10.33
M12	2-Oct-08	MID-EBB	7.22	2-Oct-08	MID-FLOOD	7.45	M12	2-Oct-08	MID-EBB	7.22	2-Oct-08	MID-FLOOD	7.45
M12	4-Oct-08	MID-EBB	4.11	4-Oct-08	MID-FLOOD	8.33	M12	4-Oct-08	MID-EBB	4.11	4-Oct-08	MID-FLOOD	8.33
M12	6-Oct-08	MID-EBB	5.84	6-Oct-08	MID-FLOOD	5.89	M12	6-Oct-08	MID-EBB	5.84	6-Oct-08	MID-FLOOD	5.89
M12	8-Oct-08	MID-EBB	4.67	8-Oct-08	MID-FLOOD	4.62	M12	8-Oct-08	MID-EBB	4.67	8-Oct-08	MID-FLOOD	4.62
M12	10-Oct-08	MID-EBB	5.67	10-Oct-08	MID-FLOOD	10.33	M12	10-Oct-08	MID-EBB	5.67	10-Oct-08	MID-FLOOD	10.33
M12	13-Oct-08	MID-EBB	8.67	13-Oct-08	MID-FLOOD	12.28	M12	13-Oct-08	MID-EBB	8.67	13-Oct-08	MID-FLOOD	12.28
M12	15-Oct-08	MID-EBB	8.89	15-Oct-08	MID-FLOOD	12.50	M12	15-Oct-08	MID-EBB	8.89	15-Oct-08	MID-FLOOD	12.50
M12	17-Oct-08	MID-EBB	8.78	17-Oct-08	MID-FLOOD	14.06	M12	17-Oct-08	MID-EBB	8.78	17-Oct-08	MID-FLOOD	14.06
M12	20-Oct-08	MID-EBB	7.00	20-Oct-08	MID-FLOOD	6.22	M12	20-Oct-08	MID-EBB	7.00	20-Oct-08	MID-FLOOD	6.22
M12	22-Oct-08	MID-EBB	5.67	22-Oct-08	MID-FLOOD	8.67	M12	22-Oct-08	MID-EBB	5.67	22-Oct-08	MID-FLOOD	8.67
M12	24-Oct-08	MID-EBB	4.11	24-Oct-08	MID-FLOOD	8.56	M12	24-Oct-08	MID-EBB	4.11	24-Oct-08	MID-FLOOD	8.56
M12	27-Oct-08	MID-EBB	7.45	27-Oct-08	MID-FLOOD	10.33	M12	27-Oct-08	MID-EBB	7.45	27-Oct-08	MID-FLOOD	10.33
M12	29-Oct-08	MID-EBB	8.78	29-Oct-08	MID-FLOOD	5.89	M12	29-Oct-08	MID-EBB	8.78	29-Oct-08	MID-FLOOD	5.89

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

$$\begin{aligned}
 n_2 &= 1099.00 \\
 \bar{X}_2 &= 6.6 \\
 \sum (X_i - \bar{X}_j)^2 &= 5660 \\
 \sigma_2 &= 2.3
 \end{aligned}$$