

**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	STN	DATE	TIDE	SS
C1	06-Feb-03	Mid-Ebb	3	C1	01-May-09	MID-EBB	7.43
C1	08-Feb-03	Mid-Ebb	6	C1	04-May-09	MID-EBB	5.92
C1	10-Feb-03	Mid-Ebb	2	C1	06-May-09	MID-EBB	13.07
C1	14-Feb-03	Mid-Ebb	4	C1	08-May-09	MID-EBB	6.09
C1	18-Feb-03	Mid-Ebb	5	C1	11-May-09	MID-EBB	7.82
C1	19-Feb-03	Mid-Ebb	6	C1	13-May-09	MID-EBB	6.00
C1	21-Feb-03	Mid-Ebb	6	C1	15-May-09	MID-EBB	5.31
C1	24-Feb-03	Mid-Ebb	6	C1	18-May-09	MID-EBB	4.65
C1	28-Feb-03	Mid-Ebb	5	C1	20-May-09	MID-EBB	5.13
C1	03-Mar-03	Mid-Ebb	7	C1	22-May-09	MID-EBB	5.76
C1	05-Mar-03	Mid-Ebb	6	C1	25-May-09	MID-EBB	5.57
C1	07-Mar-03	Mid-Ebb	7	C1	27-May-09	MID-EBB	4.68
C1	10-Mar-03	Mid-Ebb	6	C1	29-May-09	MID-EBB	6.37
C1	17-Mar-03	Mid-Ebb	9	C1	01-Jun-09	MID-EBB	5.46
C1	19-Mar-03	Mid-Ebb	8	C1	03-Jun-09	MID-EBB	5.54
C1	22-Mar-03	Mid-Ebb	8	C1	05-Jun-09	MID-EBB	5.22
C1	24-Mar-03	Mid-Ebb	6	C1	08-Jun-09	MID-EBB	3.39
C1	26-Mar-03	Mid-Ebb	6	C1	10-Jun-09	MID-EBB	3.65
C1	31-Mar-03	Mid-Ebb	8	C1	12-Jun-09	MID-EBB	3.61
C1	02-Apr-03	Mid-Ebb	7	C1	15-Jun-09	MID-EBB	4.59
C1	04-Apr-03	Mid-Ebb	7	C1	17-Jun-09	MID-EBB	6.67
C1	07-Apr-03	Mid-Ebb	5	C1	19-Jun-09	MID-EBB	3.87
C1	09-Apr-03	Mid-Ebb	5	C1	22-Jun-09	MID-EBB	4.44
C1	14-Apr-03	Mid-Ebb	5	C1	24-Jun-09	MID-EBB	4.22
C1	16-Apr-03	Mid-Ebb	7	C1	26-Jun-09	MID-EBB	4.43
C2	06-Feb-03	Mid-Ebb	3	C1	30-Jun-09	MID-EBB	4.37
C2	08-Feb-03	Mid-Ebb	5	C1	02-Jul-09	MID-EBB	4.96
C2	10-Feb-03	Mid-Ebb	2	C1	04-Jul-09	MID-EBB	3.39
C2	14-Feb-03	Mid-Ebb	4	C1	06-Jul-09	MID-EBB	4.35
C2	18-Feb-03	Mid-Ebb	5	C1	08-Jul-09	MID-EBB	9.26
C2	19-Feb-03	Mid-Ebb	5	C1	10-Jul-09	MID-EBB	6.24
C2	21-Feb-03	Mid-Ebb	6	C1	13-Jul-09	MID-EBB	5.78
C2	24-Feb-03	Mid-Ebb	8	C1	15-Jul-09	MID-EBB	5.98
C2	28-Feb-03	Mid-Ebb	5	C1	17-Jul-09	MID-EBB	5.63
C2	03-Mar-03	Mid-Ebb	7	C1	20-Jul-09	MID-EBB	4.38
C2	05-Mar-03	Mid-Ebb	5	C1	22-Jul-09	MID-EBB	6.47
C2	07-Mar-03	Mid-Ebb	7	C1	24-Jul-09	MID-EBB	5.08
C2	10-Mar-03	Mid-Ebb	6	C1	27-Jul-09	MID-EBB	3.70
C2	17-Mar-03	Mid-Ebb	6	C1	29-Jul-09	MID-EBB	6.62
C2	19-Mar-03	Mid-Ebb	9	C1	31-Jul-09	MID-EBB	5.60
C2	22-Mar-03	Mid-Ebb	6	C2	01-May-09	MID-EBB	6.59
C2	24-Mar-03	Mid-Ebb	4	C2	04-May-09	MID-EBB	5.20
C2	26-Mar-03	Mid-Ebb	8	C2	06-May-09	MID-EBB	8.26
C2	31-Mar-03	Mid-Ebb	7	C2	08-May-09	MID-EBB	6.04
C2	02-Apr-03	Mid-Ebb	7	C2	11-May-09	MID-EBB	6.63
C2	04-Apr-03	Mid-Ebb	6	C2	13-May-09	MID-EBB	5.00
C2	07-Apr-03	Mid-Ebb	4	C2	15-May-09	MID-EBB	5.00
C2	09-Apr-03	Mid-Ebb	6	C2	18-May-09	MID-EBB	4.74
C2	14-Apr-03	Mid-Ebb	4	C2	20-May-09	MID-EBB	4.95
C2	16-Apr-03	Mid-Ebb	7	C2	22-May-09	MID-EBB	4.74
M01	06-Feb-03	Mid-Ebb	7	C2	25-May-09	MID-EBB	5.26
M01	14-Feb-03	Mid-Ebb	8	C2	27-May-09	MID-EBB	4.22
M01	21-Feb-03	Mid-Ebb	9	C2	29-May-09	MID-EBB	6.61
M01	03-Mar-03	Mid-Ebb	9	C2	01-Jun-09	MID-EBB	5.91
M01	10-Mar-03	Mid-Ebb	13	C2	03-Jun-09	MID-EBB	5.56
M01	22-Mar-03	Mid-Ebb	8	C2	05-Jun-09	MID-EBB	5.11
M01	31-Mar-03	Mid-Ebb	8	C2	08-Jun-09	MID-EBB	3.46
M01	07-Apr-03	Mid-Ebb	9	C2	10-Jun-09	MID-EBB	3.60
M01	16-Apr-03	Mid-Ebb	8	C2	12-Jun-09	MID-EBB	3.50
M02	10-Feb-03	Mid-Ebb	16	C2	15-Jun-09	MID-EBB	4.43
M02	19-Feb-03	Mid-Ebb	16	C2	17-Jun-09	MID-EBB	4.91
M02	28-Feb-03	Mid-Ebb	12	C2	19-Jun-09	MID-EBB	3.61
M02	07-Mar-03	Mid-Ebb	16	C2	22-Jun-09	MID-EBB	4.22
M02	19-Mar-03	Mid-Ebb	12	C2	24-Jun-09	MID-EBB	4.11
M02	26-Mar-03	Mid-Ebb	10	C2	26-Jun-09	MID-EBB	4.52
M02	04-Apr-03	Mid-Ebb	10	C2	30-Jun-09	MID-EBB	4.46
M02	14-Apr-03	Mid-Ebb	8	C2	02-Jul-09	MID-EBB	4.69
M03	08-Feb-03	Mid-Ebb	7	C2	04-Jul-09	MID-EBB	3.97
M03	18-Feb-03	Mid-Ebb	10	C2	06-Jul-09	MID-EBB	4.22
M03	24-Feb-03	Mid-Ebb	9	C2	08-Jul-09	MID-EBB	7.22
M03	05-Mar-03	Mid-Ebb	9	C2	10-Jul-09	MID-EBB	6.20
M03	17-Mar-03	Mid-Ebb	8	C2	13-Jul-09	MID-EBB	5.77
M03	24-Mar-03	Mid-Ebb	9	C2	15-Jul-09	MID-EBB	6.27
M03	02-Apr-03	Mid-Ebb	8	C2	17-Jul-09	MID-EBB	4.67
M03	09-Apr-03	Mid-Ebb	8	C2	20-Jul-09	MID-EBB	4.70
M04	06-Feb-03	Mid-Ebb	6	C2	22-Jul-09	MID-EBB	7.15
M04	14-Feb-03	Mid-Ebb	10	C2	24-Jul-09	MID-EBB	4.78
M04	21-Feb-03	Mid-Ebb	7	C2	27-Jul-09	MID-EBB	3.52
M04	03-Mar-03	Mid-Ebb	8	C2	29-Jul-09	MID-EBB	7.38
M04	10-Mar-03	Mid-Ebb	9	C2	31-Jul-09	MID-EBB	5.67
M04	22-Mar-03	Mid-Ebb	7	M01A	01-May-09	MID-EBB	6.33
M04	31-Mar-03	Mid-Ebb	9	M01A	04-May-09	MID-EBB	7.06
M04	07-Apr-03	Mid-Ebb	8	M01A	06-May-09	MID-EBB	9.89
M04	16-Apr-03	Mid-Ebb	6	M01A	08-May-09	MID-EBB	9.84
M05	10-Feb-03	Mid-Ebb	8	M01A	11-May-09	MID-EBB	12.56
M05	19-Feb-03	Mid-Ebb	8	M01A	13-May-09	MID-EBB	7.33
M05	28-Feb-03	Mid-Ebb	7	M01A	15-May-09	MID-EBB	6.11
M05	07-Mar-03	Mid-Ebb	8	M01A	18-May-09	MID-EBB	5.11
M05	19-Mar-03	Mid-Ebb	7	M01A	20-May-09	MID-EBB	5.78
M05	26-Mar-03	Mid-Ebb	7	M01A	22-May-09	MID-EBB	6.17
M05	04-Apr-03	Mid-Ebb	8	M01A	25-May-09	MID-EBB	5.22
M05	14-Apr-03	Mid-Ebb	7	M01A	27-May-09	MID-EBB	6.11
M06	08-Feb-03	Mid-Ebb	5	M01A	29-May-09	MID-EBB	9.95
M06	18-Feb-03	Mid-Ebb	9	M01A	01-Jun-09	MID-EBB	8.45
M06	24-Feb-03	Mid-Ebb	7	M01A	03-Jun-09	MID-EBB	4.73
M06	05-Mar-03	Mid-Ebb	10	M01A	05-Jun-09	MID-EBB	5.45
M06	17-Mar-03	Mid-Ebb	7	M01A	08-Jun-09	MID-EBB	5.33
M06	24-Mar-03	Mid-Ebb	6	M01A	10-Jun-09	MID-EBB	4.73
M06	02-Apr-03	Mid-Ebb	7	M01A	12-Jun-09	MID-EBB	3.95

Baseline Results (DA)							Impact Monitoring Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS	STN	DATE	TIDE	SS	DATE	TIDE	SS
M06	09-Apr-03	Mid-Ebb	8	14-Apr-03	Mid-Flood	10	M01A	15-Jun-09	MID-EBB	4.56	15-Jun-09	MID-FLOOD	5.11
M07	06-Feb-03	Mid-Ebb	4	06-Feb-03	Mid-Flood	5	M01A	17-Jun-09	MID-EBB	5.89	17-Jun-09	MID-FLOOD	6.89
M07	08-Feb-03	Mid-Ebb	4	08-Feb-03	Mid-Flood	5	M01A	19-Jun-09	MID-EBB	5.39	19-Jun-09	MID-FLOOD	4.11
M07	10-Feb-03	Mid-Ebb	5	10-Feb-03	Mid-Flood	4	M01A	22-Jun-09	MID-EBB	6.28	22-Jun-09	MID-FLOOD	10.56
M07	14-Feb-03	Mid-Ebb	5	14-Feb-03	Mid-Flood	5	M01A	24-Jun-09	MID-EBB	6.39	24-Jun-09	MID-FLOOD	4.73
M07	18-Feb-03	Mid-Ebb	5	17-Feb-03	Mid-Flood	7	M01A	26-Jun-09	MID-EBB	5.84	26-Jun-09	MID-FLOOD	4.06
M07	19-Feb-03	Mid-Ebb	9	19-Feb-03	Mid-Flood	8	M01A	30-Jun-09	MID-EBB	4.11	30-Jun-09	MID-FLOOD	5.67
M07	21-Feb-03	Mid-Ebb	7	21-Feb-03	Mid-Flood	7	M01A	02-Jul-09	MID-EBB	4.17	02-Jul-09	MID-FLOOD	3.73
M07	24-Feb-03	Mid-Ebb	5	24-Feb-03	Mid-Flood	6	M01A	04-Jul-09	MID-EBB	3.95	04-Jul-09	MID-FLOOD	9.06
M07	28-Feb-03	Mid-Ebb	6	28-Feb-03	Mid-Flood	7	M01A	06-Jul-09	MID-EBB	3.95	06-Jul-09	MID-FLOOD	4.78
M07	03-Mar-03	Mid-Ebb	8	03-Mar-03	Mid-Flood	7	M01A	08-Jul-09	MID-EBB	6.39	08-Jul-09	MID-FLOOD	5.00
M07	05-Mar-03	Mid-Ebb	6	05-Mar-03	Mid-Flood	7	M01A	10-Jul-09	MID-EBB	6.62	10-Jul-09	MID-FLOOD	4.95
M07	07-Mar-03	Mid-Ebb	7	07-Mar-03	Mid-Flood	8	M01A	13-Jul-09	MID-EBB	6.15	13-Jul-09	MID-FLOOD	3.40
M07	10-Mar-03	Mid-Ebb	6	10-Mar-03	Mid-Flood	7	M01A	15-Jul-09	MID-EBB	4.75	15-Jul-09	MID-FLOOD	7.55
M07	17-Mar-03	Mid-Ebb	8	17-Mar-03	Mid-Flood	7	M01A	17-Jul-09	MID-EBB	4.55	17-Jul-09	MID-FLOOD	4.60
M07	19-Mar-03	Mid-Ebb	11	19-Mar-03	Mid-Flood	9	M01A	20-Jul-09	MID-EBB	4.00	20-Jul-09	MID-FLOOD	6.75
M07	22-Mar-03	Mid-Ebb	8	22-Mar-03	Mid-Flood	9	M01A	22-Jul-09	MID-EBB	4.75	22-Jul-09	MID-FLOOD	6.75
M07	24-Mar-03	Mid-Ebb	10	24-Mar-03	Mid-Flood	7	M01A	24-Jul-09	MID-EBB	7.40	24-Jul-09	MID-FLOOD	4.85
M07	26-Mar-03	Mid-Ebb	8	27-Mar-03	Mid-Flood	6	M01A	27-Jul-09	MID-EBB	3.55	27-Jul-09	MID-FLOOD	3.30
M07	31-Mar-03	Mid-Ebb	7	31-Mar-03	Mid-Flood	6	M01A	29-Jul-09	MID-EBB	7.35	29-Jul-09	MID-FLOOD	5.90
M07	02-Apr-03	Mid-Ebb	7	02-Apr-03	Mid-Flood	5	M01A	31-Jul-09	MID-EBB	6.70	31-Jul-09	MID-FLOOD	6.60
M07	04-Apr-03	Mid-Ebb	6	04-Apr-03	Mid-Flood	6	M02A	01-May-09	MID-EBB	7.78	01-May-09	MID-FLOOD	6.28
M07	07-Apr-03	Mid-Ebb	7	07-Apr-03	Mid-Flood	5	M02A	04-May-09	MID-EBB	6.44	04-May-09	MID-FLOOD	8.84
M07	09-Apr-03	Mid-Ebb	6	09-Apr-03	Mid-Flood	6	M02A	06-May-09	MID-EBB	9.06	06-May-09	MID-FLOOD	7.56
M07	14-Apr-03	Mid-Ebb	5	14-Apr-03	Mid-Flood	9	M02A	08-May-09	MID-EBB	11.45	08-May-09	MID-FLOOD	6.50
M07	16-Apr-03	Mid-Ebb	7	16-Apr-03	Mid-Flood	8	M02A	11-May-09	MID-EBB	8.89	11-May-09	MID-FLOOD	8.73
M08	06-Feb-03	Mid-Ebb	4	06-Feb-03	Mid-Flood	5	M02A	13-May-09	MID-EBB	7.50	13-May-09	MID-FLOOD	10.11
M08	08-Feb-03	Mid-Ebb	5	08-Feb-03	Mid-Flood	5	M02A	15-May-09	MID-EBB	7.50	15-May-09	MID-FLOOD	14.28
M08	10-Feb-03	Mid-Ebb	5	10-Feb-03	Mid-Flood	4	M02A	18-May-09	MID-EBB	6.28	18-May-09	MID-FLOOD	6.11
M08	14-Feb-03	Mid-Ebb	5	14-Feb-03	Mid-Flood	4	M02A	20-May-09	MID-EBB	6.56	20-May-09	MID-FLOOD	11.95
M08	18-Feb-03	Mid-Ebb	6	17-Feb-03	Mid-Flood	8	M02A	22-May-09	MID-EBB	5.11	22-May-09	MID-FLOOD	9.28
M08	19-Feb-03	Mid-Ebb	7	19-Feb-03	Mid-Flood	10	M02A	25-May-09	MID-EBB	6.67	25-May-09	MID-FLOOD	9.39
M08	21-Feb-03	Mid-Ebb	8	21-Feb-03	Mid-Flood	6	M02A	27-May-09	MID-EBB	4.95	27-May-09	MID-FLOOD	4.50
M08	24-Feb-03	Mid-Ebb	6	24-Feb-03	Mid-Flood	4	M02A	29-May-09	MID-EBB	6.56	29-May-09	MID-FLOOD	9.06
M08	28-Feb-03	Mid-Ebb	5	28-Feb-03	Mid-Flood	7	M02A	01-Jun-09	MID-EBB	6.78	01-Jun-09	MID-FLOOD	16.89
M08	03-Mar-03	Mid-Ebb	7	03-Mar-03	Mid-Flood	8	M02A	03-Jun-09	MID-EBB	11.78	03-Jun-09	MID-FLOOD	11.33
M08	05-Mar-03	Mid-Ebb	6	05-Mar-03	Mid-Flood	7	M02A	05-Jun-09	MID-EBB	7.11	05-Jun-09	MID-FLOOD	10.06
M08	07-Mar-03	Mid-Ebb	7	07-Mar-03	Mid-Flood	7	M02A	08-Jun-09	MID-EBB	5.89	08-Jun-09	MID-FLOOD	8.89
M08	10-Mar-03	Mid-Ebb	9	10-Mar-03	Mid-Flood	6	M02A	10-Jun-09	MID-EBB	4.56	10-Jun-09	MID-FLOOD	5.33
M08	17-Mar-03	Mid-Ebb	8	17-Mar-03	Mid-Flood	9	M02A	12-Jun-09	MID-EBB	4.56	12-Jun-09	MID-FLOOD	3.62
M08	19-Mar-03	Mid-Ebb	10	19-Mar-03	Mid-Flood	9	M02A	15-Jun-09	MID-EBB	5.78	15-Jun-09	MID-FLOOD	5.33
M08	22-Mar-03	Mid-Ebb	7	22-Mar-03	Mid-Flood	10	M02A	17-Jun-09	MID-EBB	6.84	17-Jun-09	MID-FLOOD	6.95
M08	24-Mar-03	Mid-Ebb	6	24-Mar-03	Mid-Flood	7	M02A	19-Jun-09	MID-EBB	3.50	19-Jun-09	MID-FLOOD	4.06
M08	26-Mar-03	Mid-Ebb	6	27-Mar-03	Mid-Flood	5	M02A	22-Jun-09	MID-EBB	4.89	22-Jun-09	MID-FLOOD	5.56
M08	31-Mar-03	Mid-Ebb	7	31-Mar-03	Mid-Flood	5	M02A	24-Jun-09	MID-EBB	6.11	24-Jun-09	MID-FLOOD	5.56
M08	02-Apr-03	Mid-Ebb	7	02-Apr-03	Mid-Flood	6	M02A	26-Jun-09	MID-EBB	5.50	26-Jun-09	MID-FLOOD	4.73
M08	04-Apr-03	Mid-Ebb	7	04-Apr-03	Mid-Flood	6	M02A	30-Jun-09	MID-EBB	4.33	30-Jun-09	MID-FLOOD	5.33
M08	07-Apr-03	Mid-Ebb	7	07-Apr-03	Mid-Flood	5	M02A	02-Jul-09	MID-EBB	4.11	02-Jul-09	MID-FLOOD	4.33
M08	09-Apr-03	Mid-Ebb	5	09-Apr-03	Mid-Flood	5	M02A	04-Jul-09	MID-EBB	4.33	04-Jul-09	MID-FLOOD	5.00
M08	14-Apr-03	Mid-Ebb	6	14-Apr-03	Mid-Flood	6	M02A	06-Jul-09	MID-EBB	4.17	06-Jul-09	MID-FLOOD	4.39
M08	16-Apr-03	Mid-Ebb	7	16-Apr-03	Mid-Flood	8	M02A	08-Jul-09	MID-EBB	6.89	08-Jul-09	MID-FLOOD	5.00
M09	06-Feb-03	Mid-Ebb	6	06-Feb-03	Mid-Flood	5	M02A	10-Jul-09	MID-EBB	7.78	10-Jul-09	MID-FLOOD	6.56
M09	08-Feb-03	Mid-Ebb	6	08-Feb-03	Mid-Flood	5	M02A	13-Jul-09	MID-EBB	5.55	13-Jul-09	MID-FLOOD	5.20
M09	10-Feb-03	Mid-Ebb	5	10-Feb-03	Mid-Flood	4	M02A	15-Jul-09	MID-EBB	6.90	15-Jul-09	MID-FLOOD	3.85
M09	14-Feb-03	Mid-Ebb	5	14-Feb-03	Mid-Flood	5	M02A	17-Jul-09	MID-EBB	4.70	17-Jul-09	MID-FLOOD	5.10
M09	18-Feb-03	Mid-Ebb	6	17-Feb-03	Mid-Flood	6	M02A	20-Jul-09	MID-EBB	5.40	20-Jul-09	MID-FLOOD	5.90
M09	19-Feb-03	Mid-Ebb	6	19-Feb-03	Mid-Flood	7	M02A	22-Jul-09	MID-EBB	4.85	22-Jul-09	MID-FLOOD	5.90
M09	21-Feb-03	Mid-Ebb	7	21-Feb-03	Mid-Flood	7	M02A	24-Jul-09	MID-EBB	8.15	24-Jul-09	MID-FLOOD	12.40
M09	24-Feb-03	Mid-Ebb	7	24-Feb-03	Mid-Flood	7	M02A	27-Jul-09	MID-EBB	3.80	27-Jul-09	MID-FLOOD	4.65
M09	28-Feb-03	Mid-Ebb	6	28-Feb-03	Mid-Flood	7	M02A	29-Jul-09	MID-EBB	9.75	29-Jul-09	MID-FLOOD	5.10
M09	03-Mar-03	Mid-Ebb	7	03-Mar-03	Mid-Flood	7	M02A	31-Jul-09	MID-EBB	6.50	31-Jul-09	MID-FLOOD	7.15
M09	05-Mar-03	Mid-Ebb	6	05-Mar-03	Mid-Flood	6	M03M5A	01-May-09	MID-EBB	5.67	01-May-09	MID-FLOOD	7.95
M09	07-Mar-03	Mid-Ebb	7	07-Mar-03	Mid-Flood	8	M03M5A	01-May-09	MID-EBB	5.67	01-May-09	MID-FLOOD	7.95
M09	10-Mar-03	Mid-Ebb	7	10-Mar-03	Mid-Flood	7	M03M5A	04-May-09	MID-EBB	6.84	04-May-09	MID-FLOOD	6.50
M09	17-Mar-03	Mid-Ebb	10	17-Mar-03	Mid-Flood	8	M03M5A	04-May-09	MID-EBB	6.84	04-May-09	MID-FLOOD	6.50
M09	19-Mar-03	Mid-Ebb	10	19-Mar-03	Mid-Flood	9	M03M5A	06-May-09	MID-EBB	10.78	06-May-09	MID-FLOOD	10.61
M09	22-Mar-03	Mid-Ebb	8	22-Mar-03	Mid-Flood	9	M03M5A	06-May-09	MID-EBB	10.78	06-May-09	MID-FLOOD	10.61
M09	24-Mar-03	Mid-Ebb	10	24-Mar-03	Mid-Flood	7	M03M5A	08-May-09	MID-EBB	7.67	08-May-09	MID-FLOOD	10.22
M09	26-Mar-03	Mid-Ebb	11	27-Mar-03	Mid-Flood	6	M03M5A	08-May-09	MID-EBB	7.67	08-May-09	MID-FLOOD	10.22
M09	31-Mar-03	Mid-Ebb	7	31-Mar-03	Mid-Flood	7	M03M5A	11-May-09	MID-EBB	8.84	11-May-09	MID-FLOOD	10.11
M09	02-Apr-03	Mid-Ebb	7	02-Apr-03	Mid-Flood	5	M03M5A	11-May-09	MID-EBB	8.84	11-May-09	MID-FLOOD	10.11
M09	04-Apr-03	Mid-Ebb	7	04-Apr-03	Mid-Flood	5	M03M5A	13-May-09	MID-EBB	7.73	13-May-09	MID-FLOOD	8.00
M09	07-Apr-03	Mid-Ebb	7	07-Apr-03	Mid-Flood	5	M03M5A	13-May-09	MID-EBB	7.73	13-May-09	MID-FLOOD	8.00
M09	09-Apr-03	Mid-Ebb	6	09-Apr-03	Mid-Flood	4	M03M5A	15-May-09	MID-EBB	5.89	15-May-09	MID-FLOOD	6.33
M09	14-Apr-03	Mid-Ebb	5	14-Apr-03	Mid-Flood	6	M03M5A	15-May-09	MID-EBB	5.89	15-May-09	MID-FLOOD	6.33
M09	16-Apr-03	Mid-Ebb	7	16-Apr-03	Mid-Flood	7	M03M5A	15-May-09	MID-EBB	5.28	15-May-09	MID-FLOOD	3.84
M10	06-Feb-03	Mid-Ebb	3	06-Feb-03	Mid-Flood	5	M03M5A	18-May-09	MID-EBB	5.28	18-May-09	MID-FLOOD	3.84
M10	08-Feb-03	Mid-Ebb	6	08-Feb-03	Mid-Flood	5	M03M5A	20-May-09	MID-EBB	4.73	20-May-09	MID-FLOOD	9.89
M10	10-Feb-03	Mid-Ebb	5	10-Feb-03	Mid-Flood	4	M03M5A	20-May-09	MID-EBB	4.73	20-May-09	MID-FLOOD	9.89
M10	14-Feb-03	Mid-Ebb	5	14-Feb-03	Mid-Flood	6	M03M5A	22-May-09	MID-EBB	4.95	22-May-09	MID-FLOOD	12.11
M10	18-Feb-03	Mid-Ebb	6	17-Feb-03	Mid-Flood	8	M03M5A	22-May-09	MID-EBB	4.95	22-May-09	MID-FLOOD	12.11
M10	19-Feb-03	Mid-Ebb	6	19-Feb-03	Mid-Flood	8	M03M5A	25-May-09	MID-EBB	6.17	25-May-09	MID-FLOOD	9.28
M10	21-Feb-03	Mid-Ebb	8	21-Feb-03	Mid-Flood	6	M03M5A	25-May-09	MID-EBB	6.17	25-May-09	MID-FLOOD	9.28
M10	24-Feb-03	Mid-Ebb	6	24-Feb-03	Mid-Flood	5	M03M5A	27-May-09	MID-EBB	4.56	27-May-09	MID-FLOOD	7.67
M10	28-Feb-03	Mid-Ebb	4	28-Feb-03	Mid-Flood	7	M03M5A	27-May-09	MID-EBB	4.56	27-May-09	MID-FLOOD	7.67
M10	03-Mar-03	Mid-Ebb	7	03-Mar-03	Mid-Flood	9	M03M5A	29-May-09	MID-EBB	7.44	29-May-09	MID-FLOOD	11.34
M10	05-Mar-03	Mid-Ebb	6	05-Mar-03	Mid-Flood	6	M03M5A	29-May-09	MID-EBB	7.44	29-May-09	MID-FLOOD	11.34
M10	07-Mar-03	Mid-Ebb	8	07-Mar-03	Mid-Flood	8	M03M5A	01-Jun-09	MID-EBB	8.33	01-Jun-09	MID-FLOOD	11.28
M10	10-Mar-03	Mid-Ebb	6	10-Mar-03	Mid-Flood	7	M03M5A	01-Jun-09	MID-EBB	8.33	01-Jun-09	MID-FLOOD	11.28
M10	17-Mar-03	Mid-Ebb	8	17-Mar-03	Mid-Flood	7	M03M5A	03-Jun-09	MID-EBB	6.84	03-Jun-09	MID-FLOOD	7.06
M10	19-Mar-03	Mid-Ebb	10	19-Mar-03	Mid-Flood	10	M03M5A	03-Jun-09	MID-EBB	6.84	03-Jun-09	MID-FLOOD	7.06
M10	22-Mar-03	Mid-Ebb	7	22-Mar-03	Mid-Flood	10	M03M5A	05-Jun-09	MID-EBB	7.06	05-Jun-09	MID-FLOOD	7.45
M10	24-Mar-03	Mid-Ebb	5	24-Mar-03	Mid-Flood	8	M03M5A	05-Jun-09	MID-EBB	7.06	05-Jun-09	MID-FLOOD	7.45
M10	26-Mar-03	Mid-Ebb	7	27-Mar-03	Mid-Flood	5	M03M5A	08-Jun-09	MID-EBB	5.50	08-Jun-09	MID-FLOOD	5.50
M10	31-Mar-03	Mid-Ebb	8	31-Mar-03	Mid-Flood	6	M03M5A	08-Jun-09	MID-EBB	5.50	08-Jun-09		

Baseline Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS
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

$$H_0 : \mu = \mu_0$$

$$Z_{0.05} = -1.645$$

$$\bar{X} - \mu_0 = -3.28$$

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

$$\text{Thus, } z = -48.90$$

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
M03M5A	17-Jun-09	MID-EBB	7.50	17-Jun-09	MID-FLOOD	7.67
M03M5A	19-Jun-09	MID-EBB	3.84	19-Jun-09	MID-FLOOD	3.22
M03M5A	19-Jun-09	MID-EBB	3.84	19-Jun-09	MID-FLOOD	3.22
M03M5A	22-Jun-09	MID-EBB	6.22	22-Jun-09	MID-FLOOD	6.00
M03M5A	22-Jun-09	MID-EBB	6.22	22-Jun-09	MID-FLOOD	6.00
M03M5A	24-Jun-09	MID-EBB	4.84	24-Jun-09	MID-FLOOD	4.84
M03M5A	24-Jun-09	MID-EBB	4.84	24-Jun-09	MID-FLOOD	4.84
M03M5A	26-Jun-09	MID-EBB	5.28	26-Jun-09	MID-FLOOD	5.11
M03M5A	26-Jun-09	MID-EBB	5.28	26-Jun-09	MID-FLOOD	5.11
M03M5A	30-Jun-09	MID-EBB	5.39	30-Jun-09	MID-FLOOD	5.22
M03M5A	30-Jun-09	MID-EBB	5.39	30-Jun-09	MID-FLOOD	5.22
M03M5A	02-Jul-09	MID-EBB	4.33	02-Jul-09	MID-FLOOD	4.33
M03M5A	02-Jul-09	MID-EBB	4.33	02-Jul-09	MID-FLOOD	4.33
M03M5A	04-Jul-09	MID-EBB	4.11	04-Jul-09	MID-FLOOD	4.89
M03M5A	04-Jul-09	MID-EBB	4.11	04-Jul-09	MID-FLOOD	4.89
M03M5A	06-Jul-09	MID-EBB	3.73	06-Jul-09	MID-FLOOD	4.22
M03M5A	06-Jul-09	MID-EBB	3.73	06-Jul-09	MID-FLOOD	4.22
M03M5A	08-Jul-09	MID-EBB	7.89	08-Jul-09	MID-FLOOD	4.28
M03M5A	08-Jul-09	MID-EBB	7.89	08-Jul-09	MID-FLOOD	4.28
M03M5A	10-Jul-09	MID-EBB	7.06	10-Jul-09	MID-FLOOD	5.50
M03M5A	10-Jul-09	MID-EBB	7.06	10-Jul-09	MID-FLOOD	5.50
M03M5A	13-Jul-09	MID-EBB	5.75	13-Jul-09	MID-FLOOD	4.15
M03M5A	13-Jul-09	MID-EBB	5.75	13-Jul-09	MID-FLOOD	4.15
M03M5A	15-Jul-09	MID-EBB	5.40	15-Jul-09	MID-FLOOD	4.60
M03M5A	15-Jul-09	MID-EBB	5.40	15-Jul-09	MID-FLOOD	4.60
M03M5A	17-Jul-09	MID-EBB	4.70	17-Jul-09	MID-FLOOD	4.85
M03M5A	17-Jul-09	MID-EBB	4.70	17-Jul-09	MID-FLOOD	4.85
M03M5A	20-Jul-09	MID-EBB	4.75	20-Jul-09	MID-FLOOD	5.65
M03M5A	20-Jul-09	MID-EBB	4.75	20-Jul-09	MID-FLOOD	5.65
M03M5A	22-Jul-09	MID-EBB	5.90	22-Jul-09	MID-FLOOD	7.85
M03M5A	22-Jul-09	MID-EBB	5.90	22-Jul-09	MID-FLOOD	7.85
M03M5A	24-Jul-09	MID-EBB	8.05	24-Jul-09	MID-FLOOD	4.75
M03M5A	24-Jul-09	MID-EBB	8.05	24-Jul-09	MID-FLOOD	4.75
M03M5A	27-Jul-09	MID-EBB	4.10	27-Jul-09	MID-FLOOD	4.80
M03M5A	27-Jul-09	MID-EBB	4.10	27-Jul-09	MID-FLOOD	4.80
M03M5A	29-Jul-09	MID-EBB	7.80	29-Jul-09	MID-FLOOD	5.05
M03M5A	29-Jul-09	MID-EBB	7.80	29-Jul-09	MID-FLOOD	5.05
M03M5A	29-Jul-09	MID-EBB	7.80	29-Jul-09	MID-FLOOD	5.05
M03M5A	31-Jul-09	MID-EBB	6.75	31-Jul-09	MID-FLOOD	6.20
M03M5A	31-Jul-09	MID-EBB	6.75	31-Jul-09	MID-FLOOD	6.20
M04B	01-May-09	MID-EBB	10.67	01-May-09	MID-FLOOD	6.50
M04B	04-May-09	MID-EBB	7.17	04-May-09	MID-FLOOD	7.89
M04B	06-May-09	MID-EBB	8.67	06-May-09	MID-FLOOD	8.95
M04B	08-May-09	MID-EBB	11.11	08-May-09	MID-FLOOD	6.56
M04B	11-May-09	MID-EBB	9.22	11-May-09	MID-FLOOD	8.89
M04B	13-May-09	MID-EBB	8.33	13-May-09	MID-FLOOD	10.89
M04B	15-May-09	MID-EBB	6.50	15-May-09	MID-FLOOD	12.56
M04B	18-May-09	MID-EBB	5.22	18-May-09	MID-FLOOD	7.28
M04B	20-May-09	MID-EBB	7.61	20-May-09	MID-FLOOD	11.06
M04B	22-May-09	MID-EBB	5.95	22-May-09	MID-FLOOD	7.73
M04B	25-May-09	MID-EBB	5.67	25-May-09	MID-FLOOD	7.56
M04B	27-May-09	MID-EBB	5.39	27-May-09	MID-FLOOD	7.22
M04B	29-May-09	MID-EBB	6.67	29-May-09	MID-FLOOD	9.84
M04B	01-Jun-09	MID-EBB	6.33	01-Jun-09	MID-FLOOD	17.39
M04B	03-Jun-09	MID-EBB	7.67	03-Jun-09	MID-FLOOD	11.28
M04B	05-Jun-09	MID-EBB	5.67	05-Jun-09	MID-FLOOD	11.67
M04B	08-Jun-09	MID-EBB	6.06	08-Jun-09	MID-FLOOD	5.50
M04B	10-Jun-09	MID-EBB	5.62	10-Jun-09	MID-FLOOD	5.33
M04B	12-Jun-09	MID-EBB	4.33	12-Jun-09	MID-FLOOD	4.56
M04B	15-Jun-09	MID-EBB	6.11	15-Jun-09	MID-FLOOD	5.33
M04B	17-Jun-09	MID-EBB	5.95	17-Jun-09	MID-FLOOD	6.39
M04B	19-Jun-09	MID-EBB	3.73	19-Jun-09	MID-FLOOD	4.89
M04B	22-Jun-09	MID-EBB	5.95	22-Jun-09	MID-FLOOD	6.50
M04B	24-Jun-09	MID-EBB	5.78	24-Jun-09	MID-FLOOD	4.22
M04B	26-Jun-09	MID-EBB	6.22	26-Jun-09	MID-FLOOD	4.78
M04B	30-Jun-09	MID-EBB	3.95	30-Jun-09	MID-FLOOD	5.84
M04B	02-Jul-09	MID-EBB	4.11	02-Jul-09	MID-FLOOD	4.56
M04B	04-Jul-09	MID-EBB	3.95	04-Jul-09	MID-FLOOD	4.33
M04B	06-Jul-09	MID-EBB	3.95	06-Jul-09	MID-FLOOD	4.33
M04B	08-Jul-09	MID-EBB	6.84	08-Jul-09	MID-FLOOD	4.89
M04B	10-Jul-09	MID-EBB	6.73	10-Jul-09	MID-FLOOD	6.61
M04B	13-Jul-09	MID-EBB	6.10	13-Jul-09	MID-FLOOD	4.70
M04B	15-Jul-09	MID-EBB	5.85	15-Jul-09	MID-FLOOD	4.05
M04B	17-Jul-09	MID-EBB	4.15	17-Jul-09	MID-FLOOD	5.55
M04B	20-Jul-09	MID-EBB	4.85	20-Jul-09	MID-FLOOD	6.40
M04B	22-Jul-09	MID-EBB	4.90	22-Jul-09	MID-FLOOD	6.45
M04B	24-Jul-09	MID-EBB	7.35	24-Jul-09	MID-FLOOD	12.80
M04B	27-Jul-09	MID-EBB	3.95	27-Jul-09	MID-FLOOD	5.00
M04B	29-Jul-09	MID-EBB	7.90	29-Jul-09	MID-FLOOD	4.65
M04B	31-Jul-09	MID-EBB	6.90	31-Jul-09	MID-FLOOD	6.55
M05B	01-May-09	MID-EBB	6.11	01-May-09	MID-FLOOD	7.84
M05B	04-May-09	MID-EBB	5.67	04-May-09	MID-FLOOD	5.89
M05B	06-May-09	MID-EBB	8.95	06-May-09	MID-FLOOD	11.00
M05B	08-May-09	MID-EBB	7.22	08-May-09	MID-FLOOD	10.39
M05B	11-May-09	MID-EBB	8.45	11-May-09	MID-FLOOD	9.33
M05B	13-May-09	MID-EBB	9.00	13-May-09	MID-FLOOD	8.11
M05B	15-May-09	MID-EBB	5.89	15-May-09	MID-FLOOD	11.06
M05B	18-May-09	MID-EBB	6.06	18-May-09	MID-FLOOD	4.50
M05B	20-May-09	MID-EBB	5.39	20-May-09	MID-FLOOD	9.06
M05B	22-May-09	MID-EBB	6.95	22-May-09	MID-FLOOD	12.50
M05B	25-May-09	MID-EBB	6.22	25-May-09	MID-FLOOD	9.61
M05B	27-May-09	MID-EBB	5.73	27-May-09	MID-FLOOD	6.56
M05B	29-May-09	MID-EBB	7.33	29-May-09	MID-FLOOD	11.78
M05B	01-Jun-09	MID-EBB	7.84	01-Jun-09	MID-FLOOD	11.61
M05B	03-Jun-09	MID-EBB	6.39	03-Jun-09	MID-FLOOD	6.22
M05B	05-Jun-09	MID-EBB	6.78	05-Jun-09	MID-FLOOD	7.11
M05B	08-Jun-09	MID-EBB	6.28	08-Jun-09	MID-FLOOD	5.73
M05B	10-Jun-09	MID-EBB	4.56	10-Jun-09	MID-FLOOD	4.56
M05B	12-Jun-09	MID-EBB	5.33	12-Jun-09	MID-FLOOD	3.89

Baseline Results (DA)							Impact Monitoring Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS	STN	DATE	TIDE	SS	DATE	TIDE	SS
M05B	15-Jun-09	MID-EBB	6.62	15-Jun-09	MID-FLOOD	6.33	M05B	15-Jun-09	MID-EBB	7.89	17-Jun-09	MID-FLOOD	7.22
M05B	17-Jun-09	MID-EBB	4.45	19-Jun-09	MID-FLOOD	3.62	M05B	19-Jun-09	MID-EBB	6.50	22-Jun-09	MID-FLOOD	6.17
M05B	22-Jun-09	MID-EBB	5.56	24-Jun-09	MID-FLOOD	5.17	M05B	24-Jun-09	MID-EBB	5.33	26-Jun-09	MID-FLOOD	5.44
M05B	26-Jun-09	MID-EBB	4.73	30-Jun-09	MID-FLOOD	5.28	M05B	30-Jun-09	MID-EBB	4.28	02-Jul-09	MID-FLOOD	4.44
M05B	02-Jul-09	MID-EBB	4.28	04-Jul-09	MID-FLOOD	4.56	M05B	04-Jul-09	MID-EBB	3.84	06-Jul-09	MID-FLOOD	4.45
M05B	06-Jul-09	MID-EBB	7.00	08-Jul-09	MID-FLOOD	5.56	M05B	08-Jul-09	MID-EBB	6.73	10-Jul-09	MID-FLOOD	5.78
M05B	10-Jul-09	MID-EBB	5.70	13-Jul-09	MID-FLOOD	4.75	M05B	13-Jul-09	MID-EBB	5.65	15-Jul-09	MID-FLOOD	4.85
M05B	15-Jul-09	MID-EBB	3.90	17-Jul-09	MID-FLOOD	5.10	M05B	17-Jul-09	MID-EBB	4.90	20-Jul-09	MID-FLOOD	4.60
M05B	20-Jul-09	MID-EBB	5.70	22-Jul-09	MID-FLOOD	7.80	M05B	22-Jul-09	MID-EBB	7.50	24-Jul-09	MID-FLOOD	5.25
M05B	24-Jul-09	MID-EBB	4.30	27-Jul-09	MID-FLOOD	5.05	M05B	27-Jul-09	MID-EBB	7.70	29-Jul-09	MID-FLOOD	4.95
M05B	29-Jul-09	MID-EBB	5.60	31-Jul-09	MID-FLOOD	6.80	M06	01-May-09	MID-EBB	4.61	01-May-09	MID-FLOOD	6.39
M06	01-May-09	MID-EBB	6.44	04-May-09	MID-FLOOD	4.95	M06	04-May-09	MID-EBB	8.56	06-May-09	MID-FLOOD	14.11
M06	06-May-09	MID-EBB	10.06	08-May-09	MID-FLOOD	6.61	M06	08-May-09	MID-EBB	7.56	11-May-09	MID-FLOOD	12.22
M06	11-May-09	MID-EBB	7.89	13-May-09	MID-FLOOD	6.28	M06	13-May-09	MID-EBB	7.28	15-May-09	MID-FLOOD	4.89
M06	13-May-09	MID-EBB	7.28	15-May-09	MID-FLOOD	4.89	M06	15-May-09	MID-EBB	6.45	18-May-09	MID-FLOOD	4.00
M06	15-May-09	MID-EBB	6.45	18-May-09	MID-FLOOD	4.00	M06	18-May-09	MID-EBB	5.00	20-May-09	MID-FLOOD	6.56
M06	18-May-09	MID-EBB	5.00	20-May-09	MID-FLOOD	6.56	M06	20-May-09	MID-EBB	7.06	22-May-09	MID-FLOOD	9.17
M06	20-May-09	MID-EBB	7.06	22-May-09	MID-FLOOD	9.17	M06	22-May-09	MID-EBB	10.61	25-May-09	MID-FLOOD	5.73
M06	22-May-09	MID-EBB	10.61	25-May-09	MID-FLOOD	5.73	M06	25-May-09	MID-EBB	7.22	27-May-09	MID-FLOOD	7.17
M06	25-May-09	MID-EBB	7.22	27-May-09	MID-FLOOD	7.17	M06	27-May-09	MID-EBB	6.61	29-May-09	MID-FLOOD	6.33
M06	27-May-09	MID-EBB	6.61	29-May-09	MID-FLOOD	6.33	M06	29-May-09	MID-EBB	7.00	01-Jun-09	MID-FLOOD	7.17
M06	29-May-09	MID-EBB	7.00	01-Jun-09	MID-FLOOD	7.17	M06	01-Jun-09	MID-EBB	8.61	03-Jun-09	MID-FLOOD	8.00
M06	01-Jun-09	MID-EBB	8.61	03-Jun-09	MID-FLOOD	8.00	M06	03-Jun-09	MID-EBB	6.50	05-Jun-09	MID-FLOOD	7.78
M06	03-Jun-09	MID-EBB	6.50	05-Jun-09	MID-FLOOD	7.78	M06	05-Jun-09	MID-EBB	6.00	08-Jun-09	MID-FLOOD	6.39
M06	05-Jun-09	MID-EBB	6.00	08-Jun-09	MID-FLOOD	6.39	M06	08-Jun-09	MID-EBB	4.78	10-Jun-09	MID-FLOOD	5.33
M06	08-Jun-09	MID-EBB	4.78	10-Jun-09	MID-FLOOD	5.33	M06	10-Jun-09	MID-EBB	4.44	12-Jun-09	MID-FLOOD	4.39
M06	10-Jun-09	MID-EBB	4.44	12-Jun-09	MID-FLOOD	4.39	M06	12-Jun-09	MID-EBB	5.67	15-Jun-09	MID-FLOOD	11.73
M06	12-Jun-09	MID-EBB	5.67	15-Jun-09	MID-FLOOD	11.73	M06	15-Jun-09	MID-EBB	5.39	17-Jun-09	MID-FLOOD	7.45
M06	15-Jun-09	MID-EBB	5.39	17-Jun-09	MID-FLOOD	7.45	M06	17-Jun-09	MID-EBB	3.56	19-Jun-09	MID-FLOOD	9.11
M06	17-Jun-09	MID-EBB	3.56	19-Jun-09	MID-FLOOD	9.11	M06	19-Jun-09	MID-EBB	6.00	22-Jun-09	MID-FLOOD	10.22
M06	19-Jun-09	MID-EBB	6.00	22-Jun-09	MID-FLOOD	10.22	M06	22-Jun-09	MID-EBB	5.45	24-Jun-09	MID-FLOOD	4.33
M06	22-Jun-09	MID-EBB	5.45	24-Jun-09	MID-FLOOD	4.33	M06	24-Jun-09	MID-EBB	5.89	26-Jun-09	MID-FLOOD	4.56
M06	24-Jun-09	MID-EBB	5.89	26-Jun-09	MID-FLOOD	4.56	M06	26-Jun-09	MID-EBB	4.45	30-Jun-09	MID-FLOOD	4.84
M06	26-Jun-09	MID-EBB	4.45	30-Jun-09	MID-FLOOD	4.84	M06	30-Jun-09	MID-EBB	3.39	02-Jul-09	MID-FLOOD	6.06
M06	30-Jun-09	MID-EBB	3.39	02-Jul-09	MID-FLOOD	6.06	M06	02-Jul-09	MID-EBB	3.84	04-Jul-09	MID-FLOOD	5.11
M06	02-Jul-09	MID-EBB	3.84	04-Jul-09	MID-FLOOD	5.11	M06	04-Jul-09	MID-EBB	3.84	06-Jul-09	MID-FLOOD	4.95
M06	04-Jul-09	MID-EBB	3.84	06-Jul-09	MID-FLOOD	4.95	M06	06-Jul-09	MID-EBB	6.56	08-Jul-09	MID-FLOOD	4.61
M06	06-Jul-09	MID-EBB	6.56	08-Jul-09	MID-FLOOD	4.61	M06	08-Jul-09	MID-EBB	6.89	10-Jul-09	MID-FLOOD	5.17
M06	08-Jul-09	MID-EBB	6.89	10-Jul-09	MID-FLOOD	5.17	M06	10-Jul-09	MID-EBB	6.15	13-Jul-09	MID-FLOOD	5.15
M06	10-Jul-09	MID-EBB	6.15	13-Jul-09	MID-FLOOD	5.15	M06	13-Jul-09	MID-EBB	5.90	15-Jul-09	MID-FLOOD	4.00
M06	13-Jul-09	MID-EBB	5.90	15-Jul-09	MID-FLOOD	4.00	M06	15-Jul-09	MID-EBB	3.80	17-Jul-09	MID-FLOOD	5.25
M06	15-Jul-09	MID-EBB	3.80	17-Jul-09	MID-FLOOD	5.25	M06	17-Jul-09	MID-EBB	6.50	20-Jul-09	MID-FLOOD	6.30
M06	17-Jul-09	MID-EBB	6.50	20-Jul-09	MID-FLOOD	6.30	M06	20-Jul-09	MID-EBB	6.20	22-Jul-09	MID-FLOOD	8.20
M06	20-Jul-09	MID-EBB	6.20	22-Jul-09	MID-FLOOD	8.20	M06	22-Jul-09	MID-EBB	5.35	24-Jul-09	MID-FLOOD	6.45
M06	22-Jul-09	MID-EBB	5.35	24-Jul-09	MID-FLOOD	6.45	M06	24-Jul-09	MID-EBB	3.70	27-Jul-09	MID-FLOOD	4.75
M06	24-Jul-09	MID-EBB	3.70	27-Jul-09	MID-FLOOD	4.75	M06	27-Jul-09	MID-EBB	9.35	29-Jul-09	MID-FLOOD	6.25
M06	27-Jul-09	MID-EBB	9.35	29-Jul-09	MID-FLOOD	6.25	M06	29-Jul-09	MID-EBB	6.30	31-Jul-09	MID-FLOOD	7.35
M06	29-Jul-09	MID-EBB	6.30	31-Jul-09	MID-FLOOD	7.35	M07	01-May-09	MID-EBB	6.11	01-May-09	MID-FLOOD	4.93
M07	01-May-09	MID-EBB	6.11	01-May-09	MID-FLOOD	4.93	M07	04-May-09	MID-EBB	8.45	06-May-09	MID-FLOOD	10.81
M07	04-May-09	MID-EBB	8.45	06-May-09	MID-FLOOD	10.81	M07	06-May-09	MID-EBB	5.61	08-May-09	MID-FLOOD	5.54
M07	06-May-09	MID-EBB	5.61	08-May-09	MID-FLOOD	5.54	M07	08-May-09	MID-EBB	7.13	11-May-09	MID-FLOOD	9.11
M07	08-May-09	MID-EBB	7.13	11-May-09	MID-FLOOD	9.11	M07	11-May-09	MID-EBB	6.42	13-May-09	MID-FLOOD	6.72
M07	11-May-09	MID-EBB	6.42	13-May-09	MID-FLOOD	6.72	M07	13-May-09	MID-EBB	4.60	15-May-09	MID-FLOOD	5.35
M07	13-May-09	MID-EBB	4.60	15-May-09	MID-FLOOD	5.35	M07	15-May-09	MID-EBB	4.58	18-May-09	MID-FLOOD	4.00
M07	15-May-09	MID-EBB	4.58	18-May-09	MID-FLOOD	4.00	M07	18-May-09	MID-EBB	5.13	20-May-09	MID-FLOOD	5.35
M07	18-May-09	MID-EBB	5.13	20-May-09	MID-FLOOD	5.35	M07	20-May-09	MID-EBB	4.94	22-May-09	MID-FLOOD	5.13
M07	20-May-09	MID-EBB	4.94	22-May-09	MID-FLOOD	5.13	M07	22-May-09	MID-EBB	5.59	25-May-09	MID-FLOOD	5.69
M07	22-May-09	MID-EBB	5.59	25-May-09	MID-FLOOD	5.69	M07	25-May-09	MID-EBB	5.41	27-May-09	MID-FLOOD	5.46
M07	25-May-09	MID-EBB	5.41	27-May-09	MID-FLOOD	5.46	M07	27-May-09	MID-EBB	7.30	29-May-09	MID-FLOOD	7.13
M07	27-May-09	MID-EBB	7.30	29-May-09	MID-FLOOD	7.13	M07	29-May-09	MID-EBB	5.67	01-Jun-09	MID-FLOOD	5.82
M07	29-May-09	MID-EBB	5.67	01-Jun-09	MID-FLOOD	5.82	M07	01-Jun-09	MID-EBB	5.65	03-Jun-09	MID-FLOOD	5.87
M07	01-Jun-09	MID-EBB	5.65	03-Jun-09	MID-FLOOD	5.87	M07	03-Jun-09	MID-EBB	5.37	05-Jun-09	MID-FLOOD	4.89
M07	03-Jun-09	MID-EBB	5.37	05-Jun-09	MID-FLOOD	4.89	M07	05-Jun-09	MID-EBB	3.33	08-Jun-09	MID-FLOOD	3.48
M07	05-Jun-09	MID-EBB	3.33	08-Jun-09	MID-FLOOD	3.48	M07	08-Jun-09	MID-EBB	4.20	10-Jun-09	MID-FLOOD	4.28
M07	08-Jun-09	MID-EBB	4.20	10-Jun-09	MID-FLOOD	4.28	M07	10-Jun-09	MID-EBB	3.56	12-Jun-09	MID-FLOOD	3.69
M07	10-Jun-09	MID-EBB	3.56	12-Jun-09	MID-FLOOD	3.69	M07	12-Jun-09	MID-EBB	4.72	15-Jun-09	MID-FLOOD	4.93
M07	12-Jun-09	MID-EBB	4.72	15-Jun-09	MID-FLOOD	4.93	M07	15-Jun-09	MID-EBB	5.82	17-Jun-09	MID-FLOOD	6.11
M07	15-Jun-09	MID-EBB	5.82	17-Jun-09	MID-FLOOD	6.11	M07	17-Jun-09	MID-EBB	3.96	19-Jun-09	MID-FLOOD	3.33
M07	17-Jun-09	MID-EBB	3.96	19-Jun-09	MID-FLOOD	3.33	M07	19-Jun-09	MID-EBB	4.46	22-Jun-09	MID-FLOOD	4.60
M07	19-Jun-09	MID-EBB	4.46	22-Jun-09	MID-FLOOD	4.60	M07	22-Jun-09	MID-EBB	4.63	24-Jun-09	MID-FLOOD	4.39
M07	22-Jun-09	MID-EBB	4.63	24-Jun-09	MID-FLOOD	4.39	M07	24-Jun-09	MID-EBB	4.52	26-Jun-09	MID-FLOOD	4.06
M07	24-Jun-09	MID-EBB	4.52	26-Jun-09	MID-FLOOD	4.06	M07	26-Jun-09	MID-EBB	3.93	30-Jun-09	MID-FLOOD	4.45
M07	26-Jun-09	MID-EBB	3.93	30-Jun-09	MID-FLOOD	4.45	M07	30-Jun-09	MID-EBB	4.89	02-Jul-09	MID-FLOOD	4.48
M07	30-Jun-09	MID-EBB	4.89	02-Jul-09	MID-FLOOD	4.48	M07	02-Jul-09	MID-EBB	3.65	04-Jul-09	MID-FLOOD	3.58
M07	02-Jul-09	MID-EBB	3.65	04-Jul-09	MID-FLOOD	3.58	M07	04-Jul-09	MID-EBB	4.09	06-Jul-09	MID-FLOOD	4.04
M07	04-Jul-09	MID-EBB	4.09	06-Jul-09	MID-FLOOD	4.04	M07	06-Jul-09	MID-EBB	7.52	08-Jul-09	MID-FLOOD	8.39
M07	06-Jul-09	MID-EBB	7.52	08-Jul-09	MID-FLOOD	8.39	M07	08-Jul-09	MID-EBB	5.59	10-Jul-09	MID-FLOOD	5.98
M07	08-Jul-09	MID-EBB	5.59	10-Jul-09	MID-FLOOD	5.98	M07	10-Jul-09	MID-EBB	5.43	13-Jul-09	MID-FLOOD	4.87
M07	10-Jul-09	MID-EBB	5.43	13-Jul-09	MID-FLOOD	4.87	M07	13-Jul-09	MID-EBB	5.48	15-Jul-09	MID-FLOOD	5.50
M07	13-Jul-09	MID-EBB	5.48	15-Jul-09	MID-FLOOD	5.50	M07	15-Jul-09	MID-EBB	4.72	17-Jul-09	MID-FLOOD	4.90
M07	15-Jul-09	MID-EBB	4.72	17-Jul-09	MID-FLOOD	4.90	M07	17-Jul-09	MID-EBB	5.05	20-Jul-09	MID-FLOOD	5.03
M07	17-Jul-09	MID-EBB	5.05	20-Jul-09	MID-FLOOD	5.03	M07	20-Jul-09	MID-EBB	5.85	22-Jul-09	MID-FLOOD	5.32
M07	20-Jul-09	MID-EBB	5.85	22-Jul-09	MID-FLOOD	5.32	M07	22-Jul-09	MID-EBB	5.23	24-Jul-09	MID-FLOOD	4.80
M07	22-Jul-09	MID-EBB	5.23	24-Jul-09	MID-FLOOD	4.80	M07	24-Jul-09	MID-EBB	3.40	27-Jul-09	MID-FLOOD	3.65
M07	24-Jul-09	MID-EBB	3.40	27-Jul-09	MID-FLOOD	3.65	M07	27-Jul-09	MID-EBB	8.32	29-Jul-09	MID-FLOOD	6.52
M07	27-Jul-09	MID-EBB	8.32	29-Jul-09	MID-FLOOD	6.52	M07	29-Jul-09	MID-EBB	5.67	31-Jul-09	MID-FLOOD	6.72
M07	29-Jul-09	MID-EBB	5.67	31-Jul-09	MID-FLOOD	6.72	M08	01-May-09	MID-EBB	6.22	01-May-09	MID-FLOOD	5.26
M08	01-May-09	MID-EBB	6.22	01-May-09	MID-FLOOD	5.26							



Baseline Results (DA)							Impact Monitoring Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS	STN	DATE	TIDE	SS	DATE	TIDE	SS
M10	24-Jun-09	MID-EBB	4.61	24-Jun-09	MID-FLOOD	4.04	M10	24-Jun-09	MID-EBB	4.96	26-Jun-09	MID-FLOOD	4.45
M10	26-Jun-09	MID-EBB	4.41	30-Jun-09	MID-FLOOD	4.89	M10	30-Jun-09	MID-EBB	4.43	02-Jul-09	MID-FLOOD	4.24
M10	02-Jul-09	MID-EBB	3.91	04-Jul-09	MID-FLOOD	4.26	M10	04-Jul-09	MID-EBB	4.15	06-Jul-09	MID-FLOOD	3.91
M10	06-Jul-09	MID-EBB	7.19	08-Jul-09	MID-FLOOD	6.78	M10	08-Jul-09	MID-EBB	5.50	10-Jul-09	MID-FLOOD	6.47
M10	10-Jul-09	MID-EBB	5.32	13-Jul-09	MID-FLOOD	4.83	M10	13-Jul-09	MID-EBB	5.30	15-Jul-09	MID-FLOOD	5.30
M10	13-Jul-09	MID-EBB	4.97	17-Jul-09	MID-FLOOD	4.82	M10	15-Jul-09	MID-EBB	4.87	20-Jul-09	MID-FLOOD	4.92
M10	17-Jul-09	MID-EBB	6.87	22-Jul-09	MID-FLOOD	5.48	M10	20-Jul-09	MID-EBB	5.00	24-Jul-09	MID-FLOOD	5.00
M10	20-Jul-09	MID-EBB	5.00	24-Jul-09	MID-FLOOD	3.38	M10	22-Jul-09	MID-EBB	7.83	27-Jul-09	MID-FLOOD	7.23
M10	22-Jul-09	MID-EBB	3.47	27-Jul-09	MID-FLOOD	7.48	M10	24-Jul-09	MID-EBB	6.22	01-May-09	MID-FLOOD	4.84
M10	27-Jul-09	MID-EBB	7.83	29-Jul-09	MID-FLOOD	7.23	M10	01-May-09	MID-EBB	7.22	04-May-09	MID-FLOOD	5.73
M10	29-Jul-09	MID-EBB	5.45	31-Jul-09	MID-FLOOD	7.48	M10	04-May-09	MID-EBB	9.95	06-May-09	MID-FLOOD	13.22
M10	31-Jul-09	MID-EBB	6.22	01-May-09	MID-FLOOD	4.84	M10	06-May-09	MID-EBB	9.89	08-May-09	MID-FLOOD	10.45
M11	01-May-09	MID-EBB	7.22	04-May-09	MID-FLOOD	5.73	M11	08-May-09	MID-EBB	12.06	11-May-09	MID-FLOOD	8.89
M11	04-May-09	MID-EBB	9.95	06-May-09	MID-FLOOD	13.22	M11	11-May-09	MID-EBB	7.78	13-May-09	MID-FLOOD	8.84
M11	06-May-09	MID-EBB	9.89	08-May-09	MID-FLOOD	10.45	M11	13-May-09	MID-EBB	5.56	15-May-09	MID-FLOOD	4.84
M11	08-May-09	MID-EBB	12.06	11-May-09	MID-FLOOD	8.89	M11	15-May-09	MID-EBB	5.95	18-May-09	MID-FLOOD	6.17
M11	11-May-09	MID-EBB	7.78	13-May-09	MID-FLOOD	8.84	M11	18-May-09	MID-EBB	5.28	20-May-09	MID-FLOOD	10.61
M11	13-May-09	MID-EBB	5.56	15-May-09	MID-FLOOD	4.84	M11	20-May-09	MID-EBB	7.28	22-May-09	MID-FLOOD	7.95
M11	15-May-09	MID-EBB	5.95	18-May-09	MID-FLOOD	6.17	M11	22-May-09	MID-EBB	4.78	25-May-09	MID-FLOOD	8.84
M11	18-May-09	MID-EBB	5.28	20-May-09	MID-FLOOD	10.61	M11	25-May-09	MID-EBB	6.73	27-May-09	MID-FLOOD	6.89
M11	20-May-09	MID-EBB	7.28	22-May-09	MID-FLOOD	7.95	M11	27-May-09	MID-EBB	8.89	29-May-09	MID-FLOOD	5.73
M11	22-May-09	MID-EBB	4.78	25-May-09	MID-FLOOD	8.84	M11	29-May-09	MID-EBB	7.56	01-Jun-09	MID-FLOOD	8.06
M11	25-May-09	MID-EBB	6.73	27-May-09	MID-FLOOD	6.89	M11	01-Jun-09	MID-EBB	5.50	03-Jun-09	MID-FLOOD	7.22
M11	27-May-09	MID-EBB	8.89	29-May-09	MID-FLOOD	5.73	M11	03-Jun-09	MID-EBB	6.45	05-Jun-09	MID-FLOOD	6.17
M11	29-May-09	MID-EBB	7.56	01-Jun-09	MID-FLOOD	8.06	M11	05-Jun-09	MID-EBB	4.78	08-Jun-09	MID-FLOOD	8.67
M11	01-Jun-09	MID-EBB	5.50	03-Jun-09	MID-FLOOD	7.22	M11	08-Jun-09	MID-EBB	4.95	10-Jun-09	MID-FLOOD	5.06
M11	03-Jun-09	MID-EBB	6.45	05-Jun-09	MID-FLOOD	6.17	M11	10-Jun-09	MID-EBB	4.50	12-Jun-09	MID-FLOOD	8.50
M11	05-Jun-09	MID-EBB	4.78	08-Jun-09	MID-FLOOD	8.67	M11	12-Jun-09	MID-EBB	5.22	15-Jun-09	MID-FLOOD	4.62
M11	08-Jun-09	MID-EBB	4.95	10-Jun-09	MID-FLOOD	5.06	M11	15-Jun-09	MID-EBB	6.28	17-Jun-09	MID-FLOOD	6.33
M11	10-Jun-09	MID-EBB	4.50	12-Jun-09	MID-FLOOD	8.50	M11	17-Jun-09	MID-EBB	3.44	19-Jun-09	MID-FLOOD	5.44
M11	12-Jun-09	MID-EBB	5.22	15-Jun-09	MID-FLOOD	4.62	M11	19-Jun-09	MID-EBB	6.67	22-Jun-09	MID-FLOOD	10.61
M11	15-Jun-09	MID-EBB	6.28	17-Jun-09	MID-FLOOD	6.33	M11	22-Jun-09	MID-EBB	7.22	24-Jun-09	MID-FLOOD	4.95
M11	17-Jun-09	MID-EBB	3.44	19-Jun-09	MID-FLOOD	5.44	M11	24-Jun-09	MID-EBB	5.61	26-Jun-09	MID-FLOOD	4.17
M11	19-Jun-09	MID-EBB	6.67	22-Jun-09	MID-FLOOD	10.61	M11	26-Jun-09	MID-EBB	4.67	30-Jun-09	MID-FLOOD	4.95
M11	22-Jun-09	MID-EBB	7.22	24-Jun-09	MID-FLOOD	4.95	M11	30-Jun-09	MID-EBB	3.78	02-Jul-09	MID-FLOOD	3.95
M11	24-Jun-09	MID-EBB	5.61	26-Jun-09	MID-FLOOD	4.17	M11	02-Jul-09	MID-EBB	3.78	04-Jul-09	MID-FLOOD	6.33
M11	30-Jun-09	MID-EBB	4.67	30-Jun-09	MID-FLOOD	4.95	M11	04-Jul-09	MID-EBB	3.73	06-Jul-09	MID-FLOOD	5.11
M11	02-Jul-09	MID-EBB	3.78	02-Jul-09	MID-FLOOD	3.95	M11	06-Jul-09	MID-EBB	6.95	08-Jul-09	MID-FLOOD	5.89
M11	04-Jul-09	MID-EBB	3.73	06-Jul-09	MID-FLOOD	5.11	M11	08-Jul-09	MID-EBB	7.67	10-Jul-09	MID-FLOOD	5.50
M11	06-Jul-09	MID-EBB	6.95	08-Jul-09	MID-FLOOD	5.89	M11	10-Jul-09	MID-EBB	6.55	13-Jul-09	MID-FLOOD	4.45
M11	08-Jul-09	MID-EBB	7.67	10-Jul-09	MID-FLOOD	5.50	M11	13-Jul-09	MID-EBB	4.95	15-Jul-09	MID-FLOOD	5.15
M11	10-Jul-09	MID-EBB	6.55	13-Jul-09	MID-FLOOD	4.45	M11	15-Jul-09	MID-EBB	4.40	17-Jul-09	MID-FLOOD	6.30
M11	13-Jul-09	MID-EBB	4.95	15-Jul-09	MID-FLOOD	5.15	M11	17-Jul-09	MID-EBB	4.85	20-Jul-09	MID-FLOOD	8.25
M11	15-Jul-09	MID-EBB	4.40	17-Jul-09	MID-FLOOD	6.30	M11	20-Jul-09	MID-EBB	4.75	22-Jul-09	MID-FLOOD	8.70
M11	17-Jul-09	MID-EBB	4.85	20-Jul-09	MID-FLOOD	8.25	M11	22-Jul-09	MID-EBB	5.00	24-Jul-09	MID-FLOOD	5.80
M11	20-Jul-09	MID-EBB	4.75	22-Jul-09	MID-FLOOD	8.70	M11	24-Jul-09	MID-EBB	3.85	27-Jul-09	MID-FLOOD	4.50
M11	22-Jul-09	MID-EBB	5.00	24-Jul-09	MID-FLOOD	5.80	M11	27-Jul-09	MID-EBB	6.90	29-Jul-09	MID-FLOOD	5.75
M11	24-Jul-09	MID-EBB	3.85	27-Jul-09	MID-FLOOD	4.50	M11	29-Jul-09	MID-EBB	6.60	31-Jul-09	MID-FLOOD	7.40
M11	27-Jul-09	MID-EBB	6.90	29-Jul-09	MID-FLOOD	5.75	M11	31-Jul-09	MID-EBB	5.73	01-May-09	MID-FLOOD	6.50
M11	29-Jul-09	MID-EBB	6.60	31-Jul-09	MID-FLOOD	7.40	M12	01-May-09	MID-EBB	5.89	04-May-09	MID-FLOOD	5.78
M11	31-Jul-09	MID-EBB	5.73	01-May-09	MID-FLOOD	6.50	M12	04-May-09	MID-EBB	7.89	06-May-09	MID-FLOOD	13.39
M12	01-May-09	MID-EBB	5.89	04-May-09	MID-FLOOD	5.78	M12	06-May-09	MID-EBB	8.78	08-May-09	MID-FLOOD	7.28
M12	04-May-09	MID-EBB	7.89	06-May-09	MID-FLOOD	13.39	M12	08-May-09	MID-EBB	9.45	11-May-09	MID-FLOOD	7.22
M12	06-May-09	MID-EBB	8.78	08-May-09	MID-FLOOD	7.28	M12	11-May-09	MID-EBB	7.22	13-May-09	MID-FLOOD	5.45
M12	08-May-09	MID-EBB	9.45	11-May-09	MID-FLOOD	7.22	M12	13-May-09	MID-EBB	8.73	15-May-09	MID-FLOOD	5.22
M12	11-May-09	MID-EBB	7.22	13-May-09	MID-FLOOD	5.45	M12	15-May-09	MID-EBB	7.22	18-May-09	MID-FLOOD	4.56
M12	13-May-09	MID-EBB	8.73	15-May-09	MID-FLOOD	5.22	M12	18-May-09	MID-EBB	5.33	20-May-09	MID-FLOOD	6.89
M12	15-May-09	MID-EBB	7.22	18-May-09	MID-FLOOD	4.56	M12	20-May-09	MID-EBB	6.56	22-May-09	MID-FLOOD	9.06
M12	18-May-09	MID-EBB	5.33	20-May-09	MID-FLOOD	6.89	M12	22-May-09	MID-EBB	8.11	25-May-09	MID-FLOOD	5.73
M12	20-May-09	MID-EBB	6.56	22-May-09	MID-FLOOD	9.06	M12	25-May-09	MID-EBB	7.67	27-May-09	MID-FLOOD	7.22
M12	22-May-09	MID-EBB	8.11	25-May-09	MID-FLOOD	5.73	M12	27-May-09	MID-EBB	7.22	29-May-09	MID-FLOOD	7.89
M12	25-May-09	MID-EBB	7.67	27-May-09	MID-FLOOD	7.22	M12	29-May-09	MID-EBB	7.33	01-Jun-09	MID-FLOOD	7.22
M12	27-May-09	MID-EBB	7.22	29-May-09	MID-FLOOD	7.89	M12	01-Jun-09	MID-EBB	5.22	03-Jun-09	MID-FLOOD	7.11
M12	29-May-09	MID-EBB	7.33	01-Jun-09	MID-FLOOD	7.22	M12	03-Jun-09	MID-EBB	6.95	05-Jun-09	MID-FLOOD	7.89
M12	01-Jun-09	MID-EBB	5.22	03-Jun-09	MID-FLOOD	7.11	M12	05-Jun-09	MID-EBB	5.67	08-Jun-09	MID-FLOOD	8.56
M12	03-Jun-09	MID-EBB	6.95	05-Jun-09	MID-FLOOD	7.89	M12	08-Jun-09	MID-EBB	4.73	10-Jun-09	MID-FLOOD	5.84
M12	05-Jun-09	MID-EBB	5.67	08-Jun-09	MID-FLOOD	8.56	M12	10-Jun-09	MID-EBB	4.39	12-Jun-09	MID-FLOOD	5.00
M12	08-Jun-09	MID-EBB	4.73	10-Jun-09	MID-FLOOD	5.84	M12	12-Jun-09	MID-EBB	5.33	15-Jun-09	MID-FLOOD	13.00
M12	10-Jun-09	MID-EBB	4.39	12-Jun-09	MID-FLOOD	5.00	M12	15-Jun-09	MID-EBB	5.50	17-Jun-09	MID-FLOOD	12.67
M12	12-Jun-09	MID-EBB	5.33	15-Jun-09	MID-FLOOD	13.00	M12	17-Jun-09	MID-EBB	3.44	19-Jun-09	MID-FLOOD	4.84
M12	15-Jun-09	MID-EBB	5.50	17-Jun-09	MID-FLOOD	12.67	M12	19-Jun-09	MID-EBB	6.00	22-Jun-09	MID-FLOOD	10.78
M12	17-Jun-09	MID-EBB	3.44	19-Jun-09	MID-FLOOD	4.84	M12	22-Jun-09	MID-EBB	5.50	24-Jun-09	MID-FLOOD	5.06
M12	19-Jun-09	MID-EBB	6.00	22-Jun-09	MID-FLOOD	10.78	M12	24-Jun-09	MID-EBB	5.00	26-Jun-09	MID-FLOOD	5.78
M12	22-Jun-09	MID-EBB	5.50	24-Jun-09	MID-FLOOD	5.06	M12	26-Jun-09	MID-EBB	5.06	30-Jun-09	MID-FLOOD	5.725
M12	24-Jun-09	MID-EBB	5.00	26-Jun-09	MID-FLOOD	5.78	M12	30-Jun-09	MID-EBB	4.22	02-Jul-09	MID-FLOOD	5.22
M12	26-Jun-09	MID-EBB	5.06	30-Jun-09	MID-FLOOD	5.725	M12	02-Jul-09	MID-EBB	4.44	04-Jul-09	MID-FLOOD	5.22
M12	30-Jun-09	MID-EBB	4.22	02-Jul-09	MID-FLOOD	5.22	M12	04-Jul-09	MID-EBB	3.73	06-Jul-09	MID-FLOOD	4.725
M12	02-Jul-09	MID-EBB	4.44	04-Jul-09	MID-FLOOD	5.22	M12	06-Jul-09	MID-EBB	7.00	08-Jul-09	MID-FLOOD	5.5
M12	04-Jul-09	MID-EBB	3.73	06-Jul-09	MID-FLOOD	4.725	M12	08-Jul-09	MID-EBB	6.62	10-Jul-09	MID-FLOOD	5.945
M12	06-Jul-09	MID-EBB	7.00	08-Jul-09	MID-FLOOD	5.5	M12	10-Jul-09	MID-EBB	6.15	13-Jul-09	MID-FLOOD	4.95
M12	08-Jul-09	MID-EBB	6.62	10-Jul-09	MID-FLOOD	5.945	M12	13-Jul-09	MID-EBB	6.15	15-Jul-09	MID-FLOOD	4.75
M12	10-Jul-09	MID-EBB	6.15	13-Jul-09	MID-FLOOD	4.95	M12	15-Jul-09	MID-EBB	5.15	17-Jul-09	MID-FLOOD	5.35
M12	13-Jul-09	MID-EBB	6.15	15-Jul-09	MID-FLOOD	4.75	M12	17-Jul-09	MID-EBB	4.95	20-Jul-09	MID-FLOOD	5.15
M12	15-Jul-09	MID-EBB	5.15	17-Jul-09	MID-FLOOD	5.35	M12	20-Jul-09	MID-EBB	6.65	22-Jul-09	MID-FLOOD	6.15
M12	17-Jul-09	MID-EBB	4.95	20-Jul-09	MID-FLOOD	5.15	M12	22-Jul-09	MID-EBB	5.85	24-Jul-09	MID-FLOOD	7.75
M12	20-Jul-09	MID-EBB	6.65	22-Jul-09	MID-FLOOD	6.15	M12	24-Jul-09	MID-EBB	4.15	27-Jul-09	MID-FLOOD	4.35
M12	22-Jul-09	MID-EBB	5.85	24-Jul-09	MID-FLOOD	7.75	M12	27-Jul-09	MID-EBB	6.75	29-Jul-09	MID-FLOOD	5.55
M12	24-Jul-09	MID-EBB	4.15	27-Jul-09	MID-FLOOD	4.35	M12	29-Jul-09	MID-EBB	7.15	31-Jul-09	MID-FLOOD	7.75
M12	27-Jul-09	MID-EBB	6.75	29-Jul-09	MID-FLOOD	5.55	M12	31-Jul-09	MID-EBB	7.15	31-Jul-09	MID-FLOOD	7.75
M12	29-Jul-09	MID-EBB	7.15	31-Jul-09	MID-FLOOD	7.75							

Baseline Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS

Impact Monitoring Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS

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

$$\begin{aligned}
 n2 &= && 1200.00 \\
 \bar{X}_i &= && 6.0 \\
 \sum (X_i - \bar{X}_i)^2 &= && 4588 \\
 \sigma_i &= && 2.0
 \end{aligned}$$