

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	DATE	TIDE	SS	DATE	TIDE	SS	
C1	06-Feb-03	Mid-Ebb	3	06-Feb-03	Mid-Flood	4	C1	02-Feb-09	MID-EBB	5.41	02-Feb-09	MID-FLOOD	5.89
C1	08-Feb-03	Mid-Ebb	6	08-Feb-03	Mid-Flood	4	C1	04-Feb-09	MID-EBB	5.89	04-Feb-09	MID-FLOOD	5.80
C1	10-Feb-03	Mid-Ebb	2	10-Feb-03	Mid-Flood	3	C1	06-Feb-09	MID-EBB	5.06	06-Feb-09	MID-FLOOD	5.19
C1	14-Feb-03	Mid-Ebb	4	14-Feb-03	Mid-Flood	7	C1	09-Feb-09	MID-EBB	6.74	09-Feb-09	MID-FLOOD	6.65
C1	18-Feb-03	Mid-Ebb	5	17-Feb-03	Mid-Flood	11	C1	11-Feb-09	MID-EBB	5.26	11-Feb-09	MID-FLOOD	7.33
C1	19-Feb-03	Mid-Ebb	6	19-Feb-03	Mid-Flood	9	C1	13-Feb-09	MID-EBB	7.46	13-Feb-09	MID-FLOOD	8.91
C1	21-Feb-03	Mid-Ebb	6	21-Feb-03	Mid-Flood	7	C1	16-Feb-09	MID-EBB	5.69	16-Feb-09	MID-FLOOD	6.84
C1	24-Feb-03	Mid-Ebb	6	24-Feb-03	Mid-Flood	5	C1	18-Feb-09	MID-EBB	4.67	18-Feb-09	MID-FLOOD	4.52
C1	28-Feb-03	Mid-Ebb	5	28-Feb-03	Mid-Flood	7	C1	20-Feb-09	MID-EBB	3.93	20-Feb-09	MID-FLOOD	5.39
C1	03-Mar-03	Mid-Ebb	7	03-Mar-03	Mid-Flood	10	C1	23-Feb-09	MID-EBB	6.82	23-Feb-09	MID-FLOOD	5.76
C1	05-Mar-03	Mid-Ebb	6	05-Mar-03	Mid-Flood	8	C1	25-Feb-09	MID-EBB	8.96	25-Feb-09	MID-FLOOD	6.46
C1	07-Mar-03	Mid-Ebb	7	07-Mar-03	Mid-Flood	8	C1	27-Feb-09	MID-EBB	6.93	27-Feb-09	MID-FLOOD	6.91
C1	10-Mar-03	Mid-Ebb	6	10-Mar-03	Mid-Flood	6	C1	2-Mar-09	MID-EBB	7.78	02-Mar-09	MID-FLOOD	6.74
C1	17-Mar-03	Mid-Ebb	9	17-Mar-03	Mid-Flood	7	C1	4-Mar-09	MID-EBB	6.28	04-Mar-09	MID-FLOOD	5.91
C1	19-Mar-03	Mid-Ebb	8	19-Mar-03	Mid-Flood	10	C1	6-Mar-09	MID-EBB	5.17	06-Mar-09	MID-FLOOD	5.07
C1	22-Mar-03	Mid-Ebb	8	22-Mar-03	Mid-Flood	10	C1	9-Mar-09	MID-EBB	7.43	09-Mar-09	MID-FLOOD	6.96
C1	24-Mar-03	Mid-Ebb	6	24-Mar-03	Mid-Flood	5	C1	11-Mar-09	MID-EBB	6.08	11-Mar-09	MID-FLOOD	8.06
C1	26-Mar-03	Mid-Ebb	6	27-Mar-03	Mid-Flood	5	C1	13-Mar-09	MID-EBB	5.22	13-Mar-09	MID-FLOOD	6.26
C1	31-Mar-03	Mid-Ebb	8	31-Mar-03	Mid-Flood	6	C1	16-Mar-09	MID-EBB	7.09	16-Mar-09	MID-FLOOD	6.56
C1	02-Apr-03	Mid-Ebb	7	02-Apr-03	Mid-Flood	6	C1	18-Mar-09	MID-EBB	5.87	18-Mar-09	MID-FLOOD	8.74
C1	04-Apr-03	Mid-Ebb	7	04-Apr-03	Mid-Flood	7	C1	20-Mar-09	MID-EBB	6.04	20-Mar-09	MID-FLOOD	5.71
C1	07-Apr-03	Mid-Ebb	5	07-Apr-03	Mid-Flood	6	C1	23-Mar-09	MID-EBB	5.67	23-Mar-09	MID-FLOOD	5.50
C1	09-Apr-03	Mid-Ebb	5	09-Apr-03	Mid-Flood	6	C1	25-Mar-09	MID-EBB	9.82	25-Mar-09	MID-FLOOD	5.96
C1	14-Apr-03	Mid-Ebb	5	14-Apr-03	Mid-Flood	5	C1	27-Mar-09	MID-EBB	6.10	27-Mar-09	MID-FLOOD	6.13
C1	16-Apr-03	Mid-Ebb	7	16-Apr-03	Mid-Flood	6	C1	30-Mar-09	MID-EBB	7.37	30-Mar-09	MID-FLOOD	6.85
C2	06-Feb-03	Mid-Ebb	3	06-Feb-03	Mid-Flood	3	C1	1-Apr-09	MID-EBB	5.67	01-Apr-09	MID-FLOOD	8.41
C2	08-Feb-03	Mid-Ebb	5	08-Feb-03	Mid-Flood	3	C1	3-Apr-09	MID-EBB	5.85	03-Apr-09	MID-FLOOD	4.95
C2	10-Feb-03	Mid-Ebb	2	10-Feb-03	Mid-Flood	3	C1	6-Apr-09	MID-EBB	5.65	06-Apr-09	MID-FLOOD	5.72
C2	14-Feb-03	Mid-Ebb	4	14-Feb-03	Mid-Flood	4	C1	8-Apr-09	MID-EBB	5.28	08-Apr-09	MID-FLOOD	9.94
C2	18-Feb-03	Mid-Ebb	5	17-Feb-03	Mid-Flood	5	C1	10-Apr-09	MID-EBB	6.63	10-Apr-09	MID-FLOOD	6.67
C2	19-Feb-03	Mid-Ebb	5	19-Feb-03	Mid-Flood	6	C1	14-Apr-09	MID-EBB	5.11	14-Apr-09	MID-FLOOD	5.37
C2	21-Feb-03	Mid-Ebb	6	21-Feb-03	Mid-Flood	6	C1	16-Apr-09	MID-EBB	6.44	16-Apr-09	MID-FLOOD	7.52
C2	24-Feb-03	Mid-Ebb	8	24-Feb-03	Mid-Flood	4	C1	18-Apr-09	MID-EBB	4.50	18-Apr-09	MID-FLOOD	4.63
C2	28-Feb-03	Mid-Ebb	5	28-Feb-03	Mid-Flood	7	C1	21-Apr-09	MID-EBB	4.63	21-Apr-09	MID-FLOOD	5.00
C2	03-Mar-03	Mid-Ebb	7	03-Mar-03	Mid-Flood	8	C1	23-Apr-09	MID-EBB	8.13	23-Apr-09	MID-FLOOD	7.95
C2	05-Mar-03	Mid-Ebb	5	05-Mar-03	Mid-Flood	8	C1	25-Apr-09	MID-EBB	6.35	25-Apr-09	MID-FLOOD	6.09
C2	07-Mar-03	Mid-Ebb	7	07-Mar-03	Mid-Flood	9	C1	27-Apr-09	MID-EBB	6.06	27-Apr-09	MID-FLOOD	5.82
C2	10-Mar-03	Mid-Ebb	6	10-Mar-03	Mid-Flood	7	C1	29-Apr-09	MID-EBB	6.52	29-Apr-09	MID-FLOOD	7.15
C2	17-Mar-03	Mid-Ebb	6	17-Mar-03	Mid-Flood	7	C2	02-Feb-09	MID-EBB	5.58	02-Feb-09	MID-FLOOD	5.33
C2	19-Mar-03	Mid-Ebb	9	19-Mar-03	Mid-Flood	8	C2	04-Feb-09	MID-EBB	5.25	04-Feb-09	MID-FLOOD	6.13
C2	22-Mar-03	Mid-Ebb	6	22-Mar-03	Mid-Flood	7	C2	06-Feb-09	MID-EBB	4.96	06-Feb-09	MID-FLOOD	4.80
C2	24-Mar-03	Mid-Ebb	4	24-Mar-03	Mid-Flood	4	C2	09-Feb-09	MID-EBB	6.20	09-Feb-09	MID-FLOOD	6.07
C2	26-Mar-03	Mid-Ebb	8	27-Mar-03	Mid-Flood	6	C2	11-Feb-09	MID-EBB	5.67	11-Feb-09	MID-FLOOD	6.32
C2	31-Mar-03	Mid-Ebb	7	31-Mar-03	Mid-Flood	7	C2	13-Feb-09	MID-EBB	9.24	13-Feb-09	MID-FLOOD	7.24
C2	02-Apr-03	Mid-Ebb	7	02-Apr-03	Mid-Flood	5	C2	16-Feb-09	MID-EBB	4.98	16-Feb-09	MID-FLOOD	5.28
C2	04-Apr-03	Mid-Ebb	6	04-Apr-03	Mid-Flood	7	C2	18-Feb-09	MID-EBB	4.46	18-Feb-09	MID-FLOOD	4.67
C2	07-Apr-03	Mid-Ebb	4	07-Apr-03	Mid-Flood	6	C2	20-Feb-09	MID-EBB	6.48	20-Feb-09	MID-FLOOD	5.93
C2	09-Apr-03	Mid-Ebb	6	09-Apr-03	Mid-Flood	5	C2	23-Feb-09	MID-EBB	6.37	23-Feb-09	MID-FLOOD	5.58
C2	14-Apr-03	Mid-Ebb	4	14-Apr-03	Mid-Flood	5	C2	25-Feb-09	MID-EBB	6.94	25-Feb-09	MID-FLOOD	6.98
C2	16-Apr-03	Mid-Ebb	7	16-Apr-03	Mid-Flood	7	C2	27-Feb-09	MID-EBB	7.33	27-Feb-09	MID-FLOOD	6.95
M01	06-Feb-03	Mid-Ebb	7	08-Feb-03	Mid-Flood	7	C2	2-Mar-09	MID-EBB	6.80	02-Mar-09	MID-FLOOD	5.50
M01	14-Feb-03	Mid-Ebb	8	17-Feb-03	Mid-Flood	8	C2	4-Mar-09	MID-EBB	5.00	04-Mar-09	MID-FLOOD	5.00
M01	21-Feb-03	Mid-Ebb	9	24-Feb-03	Mid-Flood	6	C2	6-Mar-09	MID-EBB	3.71	06-Mar-09	MID-FLOOD	3.59
M01	03-Mar-03	Mid-Ebb	9	05-Mar-03	Mid-Flood	8	C2	9-Mar-09	MID-EBB	6.69	09-Mar-09	MID-FLOOD	6.24
M01	10-Mar-03	Mid-Ebb	13	17-Mar-03	Mid-Flood	10	C2	11-Mar-09	MID-EBB	6.78	11-Mar-09	MID-FLOOD	6.82
M01	22-Mar-03	Mid-Ebb	8	24-Mar-03	Mid-Flood	8	C2	13-Mar-09	MID-EBB	10.15	13-Mar-09	MID-FLOOD	11.78
M01	31-Mar-03	Mid-Ebb	8	02-Apr-03	Mid-Flood	7	C2	16-Mar-09	MID-EBB	7.50	16-Mar-09	MID-FLOOD	6.54
M01	07-Apr-03	Mid-Ebb	9	09-Apr-03	Mid-Flood	9	C2	18-Mar-09	MID-EBB	5.70	18-Mar-09	MID-FLOOD	7.76
M01	16-Apr-03	Mid-Ebb	8	06-Feb-03	Mid-Flood	17	C2	20-Mar-09	MID-EBB	5.65	20-Mar-09	MID-FLOOD	5.04
M02	10-Feb-03	Mid-Ebb	16	14-Feb-03	Mid-Flood	10	C2	23-Mar-09	MID-EBB	3.80	23-Mar-09	MID-FLOOD	4.07
M02	19-Feb-03	Mid-Ebb	16	21-Feb-03	Mid-Flood	12	C2	25-Mar-09	MID-EBB	5.94	25-Mar-09	MID-FLOOD	6.95
M02	28-Feb-03	Mid-Ebb	12	03-Mar-03	Mid-Flood	12	C2	27-Mar-09	MID-EBB	5.17	27-Mar-09	MID-FLOOD	5.13
M02	07-Mar-03	Mid-Ebb	16	10-Mar-03	Mid-Flood	18	C2	30-Mar-09	MID-EBB	7.39	30-Mar-09	MID-FLOOD	6.76
M02	19-Mar-03	Mid-Ebb	12	22-Mar-03	Mid-Flood	10	C2	1-Apr-09	MID-EBB	6.13	01-Apr-09	MID-FLOOD	6.07
M02	26-Mar-03	Mid-Ebb	10	31-Mar-03	Mid-Flood	12	C2	3-Apr-09	MID-EBB	5.21	03-Apr-09	MID-FLOOD	4.78
M02	04-Apr-03	Mid-Ebb	10	07-Apr-03	Mid-Flood	9	C2	6-Apr-09	MID-EBB	5.43	06-Apr-09	MID-FLOOD	5.43
M02	14-Apr-03	Mid-Ebb	8	16-Apr-03	Mid-Flood	10	C2	8-Apr-09	MID-EBB	7.02	08-Apr-09	MID-FLOOD	6.96
M03	08-Feb-03	Mid-Ebb	7	10-Feb-03	Mid-Flood	7	C2	10-Apr-09	MID-EBB	6.19	10-Apr-09	MID-FLOOD	7.37
M03	18-Feb-03	Mid-Ebb	10	19-Feb-03	Mid-Flood	8	C2	14-Apr-09	MID-EBB	4.45	14-Apr-09	MID-FLOOD	5.00
M03	24-Feb-03	Mid-Ebb	9	28-Feb-03	Mid-Flood	10	C2	16-Apr-09	MID-EBB	6.07	16-Apr-09	MID-FLOOD	7.15
M03	05-Mar-03	Mid-Ebb	9	07-Mar-03	Mid-Flood	10	C2	18-Apr-09	MID-EBB	5.33	18-Apr-09	MID-FLOOD	3.93
M03	17-Mar-03	Mid-Ebb	8	19-Mar-03	Mid-Flood	10	C2	21-Apr-09	MID-EBB	4.41	21-Apr-09	MID-FLOOD	4.15
M03	24-Mar-03	Mid-Ebb	9	27-Mar-03	Mid-Flood	28	C2	23-Apr-09	MID-EBB	7.08	23-Apr-09	MID-FLOOD	9.13
M03	02-Apr-03	Mid-Ebb	8	04-Apr-03	Mid-Flood	7	C2	25-Apr-09	MID-EBB	6.18	25-Apr-09	MID-FLOOD	6.32
M03	09-Apr-03	Mid-Ebb	8	14-Apr-03	Mid-Flood	11	C2	27-Apr-09	MID-EBB	5.89	27-Apr-09	MID-FLOOD	5.35
M04	06-Feb-03	Mid-Ebb	6	08-Feb-03	Mid-Flood	7	C2	29-Apr-09	MID-EBB	6.63	29-Apr-09	MID-FLOOD	6.65
M04	14-Feb-03	Mid-Ebb	10	17-Feb-03	Mid-Flood	9	M01A	02-Feb-09	MID-EBB	11.61	02-Feb-09	MID-FLOOD	7.28
M04	21-Feb-03	Mid-Ebb	7	24-Feb-03	Mid-Flood	7	M01A	04-Feb-09	MID-EBB	6.44	04-Feb-09	MID-FLOOD	6.56
M04	03-Mar-03	Mid-Ebb	8	05-Mar-03	Mid-Flood	10	M01A	06-Feb-09	MID-EBB	4.78	06-Feb-09	MID-FLOOD	7.17
M04	10-Mar-03	Mid-Ebb	9	17-Mar-03	Mid-Flood	9	M01A	09-Feb-09	MID-EBB	9.11	09-Feb-09	MID-FLOOD	8.28
M04	22-Mar-03	Mid-Ebb	7	24-Mar-03	Mid-Flood	8	M01A	11-Feb-09	MID-EBB	11.11	11-Feb-09	MID-FLOOD	14.22
M04	31-Mar-03	Mid-Ebb	9	02-Apr-03	Mid-Flood	8	M01A	13-Feb-09	MID-EBB	10.50	13-Feb-09	MID-FLOOD	11.50
M04	07-Apr-03	Mid-Ebb	8	09-Apr-03	Mid-Flood	8	M01A	16-Feb-09	MID-EBB	7.11	16-Feb-09	MID-FLOOD	12.22
M04	16-Apr-03	Mid-Ebb	6	06-Feb-03	Mid-Flood	6	M01A	18-Feb-09	MID-EBB	6.84	18-Feb-09	MID-FLOOD	5.84
M05	10-Feb-03	Mid-Ebb	8	14-Feb-03	Mid-Flood	7	M01A	20-Feb-09	MID-EBB	7.28	20-Feb-09	MID-FLOOD	7.33
M05	19-Feb-03	Mid-Ebb	8	21-Feb-03	Mid-Flood	6	M01A	23-Feb-09	MID-EBB	8.39	23-Feb-09	MID-FLOOD	7.00
M05	28-Feb-03	Mid-Ebb	7	03-Mar-03	Mid-Flood	9	M01A	25-Feb-09	MID-EBB	11.95	25-Feb-09	MID-FLOOD	10.17
M05	07-Mar-03	Mid-Ebb	8	10-Mar-03	Mid-Flood	14	M01A	27-Feb-09	MID-EBB	12.56	27-Feb-09	MID-FLOOD	11.33
M05	19-Mar-03	Mid-Ebb	7	22-Mar-03	Mid-Flood	8	M01A	2-Mar-09	MID-EBB	9.22	02-Mar-09	MID-FLOOD	8.84
M05	26-Mar-03	Mid-Ebb	7	31-Mar-03	Mid-Flood	7	M01A	4-Mar-09	MID-EBB	5.78	04-Mar-09	MID-FLOOD	6.17
M05	04-Apr-03	Mid-Ebb	8	07-Apr-03	Mid-Flood	6	M01A	6-Mar-09	MID-EBB	5.17	06-Mar-09	MID-FLOOD	6.95
M05	14-Apr-03	Mid-Ebb	7	16-Apr-03	Mid-Flood	6	M01A	9-Mar-09	MID-EBB	9.22	09-Mar-09	MID-FLOOD	9.22
M06	08-Feb-03	Mid-Ebb	5	10-Feb-03	Mid-Flood	8	M01A	11-Mar-09	MID-EBB	9.56	11-Mar-09	MID-FLOOD	8.73
M06	18-Feb-03	Mid-Ebb	9	19-Feb-03	Mid-Flood	10	M01A	13-Mar-09	MID-EBB	20.95	13-Mar-09	MID-FLOOD	11.22
M06	24-Feb-03	Mid-Ebb	7	28-Feb-03	Mid-Flood	9	M01A	16-Mar-09	MID-EBB	11.06	16-Mar-09	MID-FLOOD	10.22
M06	05-Mar-03	Mid-Ebb	10	07-Mar-03	Mid-Flood	10	M01A	18-Mar-09	MID-EBB	9.39	18-Mar-09	MID-FLOOD	6.39
M06	17-Mar-03	Mid-Ebb	7										

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	25-Mar-09	MID-EBB	7.61	25-Mar-09	MID-FLOOD	9.95
M06	09-Apr-03	Mid-Ebb	8	14-Apr-03	Mid-Flood	10	M01A	27-Mar-09	MID-EBB	7.67	27-Mar-09	MID-FLOOD	8.45
M07	06-Feb-03	Mid-Ebb	4	06-Feb-03	Mid-Flood	5	M01A	30-Mar-09	MID-EBB	9.84	30-Mar-09	MID-FLOOD	8.17
M07	08-Feb-03	Mid-Ebb	4	08-Feb-03	Mid-Flood	5	M01A	1-Apr-09	MID-EBB	6.95	01-Apr-09	MID-FLOOD	7.33
M07	10-Feb-03	Mid-Ebb	5	10-Feb-03	Mid-Flood	4	M01A	3-Apr-09	MID-EBB	6.39	03-Apr-09	MID-FLOOD	5.78
M07	14-Feb-03	Mid-Ebb	5	14-Feb-03	Mid-Flood	5	M01A	6-Apr-09	MID-EBB	12.28	06-Apr-09	MID-FLOOD	7.22
M07	18-Feb-03	Mid-Ebb	5	17-Feb-03	Mid-Flood	7	M01A	8-Apr-09	MID-EBB	17.73	08-Apr-09	MID-FLOOD	7.95
M07	19-Feb-03	Mid-Ebb	9	19-Feb-03	Mid-Flood	8	M01A	10-Apr-09	MID-EBB	10.17	10-Apr-09	MID-FLOOD	12.06
M07	21-Feb-03	Mid-Ebb	7	21-Feb-03	Mid-Flood	7	M01A	14-Apr-09	MID-EBB	9.22	14-Apr-09	MID-FLOOD	6.11
M07	24-Feb-03	Mid-Ebb	5	24-Feb-03	Mid-Flood	6	M01A	16-Apr-09	MID-EBB	8.33	16-Apr-09	MID-FLOOD	6.67
M07	28-Feb-03	Mid-Ebb	6	28-Feb-03	Mid-Flood	7	M01A	18-Apr-09	MID-EBB	6.56	18-Apr-09	MID-FLOOD	6.45
M07	03-Mar-03	Mid-Ebb	8	03-Mar-03	Mid-Flood	7	M01A	21-Apr-09	MID-EBB	6.22	21-Apr-09	MID-FLOOD	6.62
M07	05-Mar-03	Mid-Ebb	6	05-Mar-03	Mid-Flood	7	M01A	23-Apr-09	MID-EBB	12.28	23-Apr-09	MID-FLOOD	8.33
M07	07-Mar-03	Mid-Ebb	7	07-Mar-03	Mid-Flood	8	M01A	25-Apr-09	MID-EBB	9.17	25-Apr-09	MID-FLOOD	8.67
M07	10-Mar-03	Mid-Ebb	6	10-Mar-03	Mid-Flood	7	M01A	27-Apr-09	MID-EBB	8.61	27-Apr-09	MID-FLOOD	10.06
M07	17-Mar-03	Mid-Ebb	8	17-Mar-03	Mid-Flood	7	M01A	29-Apr-09	MID-EBB	9.06	29-Apr-09	MID-FLOOD	5.22
M07	19-Mar-03	Mid-Ebb	11	19-Mar-03	Mid-Flood	9	M02A	02-Feb-09	MID-EBB	8.22	02-Feb-09	MID-FLOOD	7.61
M07	22-Mar-03	Mid-Ebb	8	22-Mar-03	Mid-Flood	9	M02A	04-Feb-09	MID-EBB	7.17	04-Feb-09	MID-FLOOD	7.56
M07	24-Mar-03	Mid-Ebb	10	24-Mar-03	Mid-Flood	7	M02A	06-Feb-09	MID-EBB	6.39	06-Feb-09	MID-FLOOD	8.22
M07	26-Mar-03	Mid-Ebb	8	27-Mar-03	Mid-Flood	6	M02A	09-Feb-09	MID-EBB	6.95	09-Feb-09	MID-FLOOD	9.34
M07	31-Mar-03	Mid-Ebb	7	31-Mar-03	Mid-Flood	6	M02A	11-Feb-09	MID-EBB	7.50	11-Feb-09	MID-FLOOD	11.28
M07	02-Apr-03	Mid-Ebb	7	02-Apr-03	Mid-Flood	5	M02A	13-Feb-09	MID-EBB	12.95	13-Feb-09	MID-FLOOD	13.61
M07	04-Apr-03	Mid-Ebb	6	04-Apr-03	Mid-Flood	6	M02A	16-Feb-09	MID-EBB	6.78	16-Feb-09	MID-FLOOD	8.50
M07	07-Apr-03	Mid-Ebb	7	07-Apr-03	Mid-Flood	5	M02A	18-Feb-09	MID-EBB	7.17	18-Feb-09	MID-FLOOD	5.45
M07	09-Apr-03	Mid-Ebb	6	09-Apr-03	Mid-Flood	6	M02A	20-Feb-09	MID-EBB	12.73	20-Feb-09	MID-FLOOD	12.61
M07	14-Apr-03	Mid-Ebb	5	14-Apr-03	Mid-Flood	9	M02A	23-Feb-09	MID-EBB	6.95	23-Feb-09	MID-FLOOD	9.61
M07	16-Apr-03	Mid-Ebb	7	16-Apr-03	Mid-Flood	8	M02A	25-Feb-09	MID-EBB	9.06	25-Feb-09	MID-FLOOD	10.45
M08	06-Feb-03	Mid-Ebb	4	06-Feb-03	Mid-Flood	5	M02A	27-Feb-09	MID-EBB	20.50	27-Feb-09	MID-FLOOD	16.50
M08	08-Feb-03	Mid-Ebb	5	08-Feb-03	Mid-Flood	5	M02A	2-Mar-09	MID-EBB	8.45	02-Mar-09	MID-FLOOD	9.50
M08	10-Feb-03	Mid-Ebb	5	10-Feb-03	Mid-Flood	4	M02A	4-Mar-09	MID-EBB	9.45	04-Mar-09	MID-FLOOD	8.06
M08	14-Feb-03	Mid-Ebb	5	14-Feb-03	Mid-Flood	4	M02A	6-Mar-09	MID-EBB	8.84	06-Mar-09	MID-FLOOD	7.78
M08	18-Feb-03	Mid-Ebb	6	17-Feb-03	Mid-Flood	8	M02A	9-Mar-09	MID-EBB	8.17	09-Mar-09	MID-FLOOD	7.95
M08	19-Feb-03	Mid-Ebb	7	19-Feb-03	Mid-Flood	10	M02A	11-Mar-09	MID-EBB	7.17	11-Mar-09	MID-FLOOD	12.33
M08	21-Feb-03	Mid-Ebb	8	21-Feb-03	Mid-Flood	6	M02A	13-Mar-09	MID-EBB	13.28	13-Mar-09	MID-FLOOD	12.67
M08	24-Feb-03	Mid-Ebb	6	24-Feb-03	Mid-Flood	4	M02A	16-Mar-09	MID-EBB	10.50	16-Mar-09	MID-FLOOD	13.73
M08	28-Feb-03	Mid-Ebb	5	28-Feb-03	Mid-Flood	7	M02A	18-Mar-09	MID-EBB	10.39	18-Mar-09	MID-FLOOD	8.39
M08	03-Mar-03	Mid-Ebb	7	03-Mar-03	Mid-Flood	8	M02A	20-Mar-09	MID-EBB	15.61	20-Mar-09	MID-FLOOD	9.39
M08	05-Mar-03	Mid-Ebb	6	05-Mar-03	Mid-Flood	7	M02A	23-Mar-09	MID-EBB	6.28	23-Mar-09	MID-FLOOD	6.95
M08	07-Mar-03	Mid-Ebb	7	07-Mar-03	Mid-Flood	7	M02A	25-Mar-09	MID-EBB	15.84	25-Mar-09	MID-FLOOD	15.06
M08	10-Mar-03	Mid-Ebb	9	10-Mar-03	Mid-Flood	6	M02A	27-Mar-09	MID-EBB	6.95	27-Mar-09	MID-FLOOD	9.45
M08	17-Mar-03	Mid-Ebb	8	17-Mar-03	Mid-Flood	9	M02A	30-Mar-09	MID-EBB	6.73	30-Mar-09	MID-FLOOD	9.95
M08	19-Mar-03	Mid-Ebb	10	19-Mar-03	Mid-Flood	9	M02A	1-Apr-09	MID-EBB	7.39	01-Apr-09	MID-FLOOD	12.00
M08	22-Mar-03	Mid-Ebb	7	22-Mar-03	Mid-Flood	10	M02A	3-Apr-09	MID-EBB	7.28	03-Apr-09	MID-FLOOD	5.00
M08	24-Mar-03	Mid-Ebb	6	24-Mar-03	Mid-Flood	7	M02A	6-Apr-09	MID-EBB	6.11	06-Apr-09	MID-FLOOD	6.50
M08	26-Mar-03	Mid-Ebb	6	27-Mar-03	Mid-Flood	5	M02A	8-Apr-09	MID-EBB	9.50	08-Apr-09	MID-FLOOD	10.28
M08	31-Mar-03	Mid-Ebb	7	31-Mar-03	Mid-Flood	5	M02A	10-Apr-09	MID-EBB	10.39	10-Apr-09	MID-FLOOD	8.50
M08	02-Apr-03	Mid-Ebb	7	02-Apr-03	Mid-Flood	6	M02A	14-Apr-09	MID-EBB	6.73	14-Apr-09	MID-FLOOD	11.11
M08	04-Apr-03	Mid-Ebb	7	04-Apr-03	Mid-Flood	6	M02A	16-Apr-09	MID-EBB	9.06	16-Apr-09	MID-FLOOD	5.56
M08	07-Apr-03	Mid-Ebb	7	07-Apr-03	Mid-Flood	5	M02A	18-Apr-09	MID-EBB	9.22	18-Apr-09	MID-FLOOD	6.50
M08	09-Apr-03	Mid-Ebb	5	09-Apr-03	Mid-Flood	5	M02A	21-Apr-09	MID-EBB	7.17	21-Apr-09	MID-FLOOD	8.17
M08	14-Apr-03	Mid-Ebb	6	14-Apr-03	Mid-Flood	6	M02A	23-Apr-09	MID-EBB	6.67	23-Apr-09	MID-FLOOD	7.95
M08	16-Apr-03	Mid-Ebb	7	16-Apr-03	Mid-Flood	8	M02A	25-Apr-09	MID-EBB	11.17	25-Apr-09	MID-FLOOD	8.11
M09	06-Feb-03	Mid-Ebb	6	06-Feb-03	Mid-Flood	5	M02A	27-Apr-09	MID-EBB	6.22	27-Apr-09	MID-FLOOD	10.95
M09	08-Feb-03	Mid-Ebb	6	08-Feb-03	Mid-Flood	5	M02A	29-Apr-09	MID-EBB	7.11	29-Apr-09	MID-FLOOD	7.67
M09	10-Feb-03	Mid-Ebb	5	10-Feb-03	Mid-Flood	4	M03M5A	02-Feb-09	MID-EBB	6.33	02-Feb-09	MID-FLOOD	8.06
M09	14-Feb-03	Mid-Ebb	5	14-Feb-03	Mid-Flood	5	M03M5A	02-Feb-09	MID-EBB	6.33	02-Feb-09	MID-FLOOD	8.06
M09	18-Feb-03	Mid-Ebb	6	17-Feb-03	Mid-Flood	6	M03M5A	04-Feb-09	MID-EBB	7.11	04-Feb-09	MID-FLOOD	7.28
M09	19-Feb-03	Mid-Ebb	6	19-Feb-03	Mid-Flood	7	M03M5A	06-Feb-09	MID-EBB	6.56	06-Feb-09	MID-FLOOD	8.89
M09	21-Feb-03	Mid-Ebb	7	21-Feb-03	Mid-Flood	7	M03M5A	06-Feb-09	MID-EBB	6.56	06-Feb-09	MID-FLOOD	8.89
M09	24-Feb-03	Mid-Ebb	7	24-Feb-03	Mid-Flood	7	M03M5A	09-Feb-09	MID-EBB	8.50	09-Feb-09	MID-FLOOD	12.22
M09	28-Feb-03	Mid-Ebb	6	28-Feb-03	Mid-Flood	7	M03M5A	09-Feb-09	MID-EBB	8.50	09-Feb-09	MID-FLOOD	12.22
M09	03-Mar-03	Mid-Ebb	7	03-Mar-03	Mid-Flood	7	M03M5A	11-Feb-09	MID-EBB	8.78	11-Feb-09	MID-FLOOD	14.28
M09	05-Mar-03	Mid-Ebb	6	05-Mar-03	Mid-Flood	6	M03M5A	11-Feb-09	MID-EBB	8.78	11-Feb-09	MID-FLOOD	14.28
M09	07-Mar-03	Mid-Ebb	7	07-Mar-03	Mid-Flood	8	M03M5A	13-Feb-09	MID-EBB	8.22	13-Feb-09	MID-FLOOD	14.73
M09	10-Mar-03	Mid-Ebb	7	10-Mar-03	Mid-Flood	7	M03M5A	13-Feb-09	MID-EBB	8.22	13-Feb-09	MID-FLOOD	14.73
M09	17-Mar-03	Mid-Ebb	10	17-Mar-03	Mid-Flood	8	M03M5A	16-Feb-09	MID-EBB	6.44	16-Feb-09	MID-FLOOD	7.33
M09	19-Mar-03	Mid-Ebb	10	19-Mar-03	Mid-Flood	9	M03M5A	16-Feb-09	MID-EBB	6.44	16-Feb-09	MID-FLOOD	7.33
M09	22-Mar-03	Mid-Ebb	8	22-Mar-03	Mid-Flood	9	M03M5A	18-Feb-09	MID-EBB	6.73	18-Feb-09	MID-FLOOD	4.50
M09	24-Mar-03	Mid-Ebb	10	24-Mar-03	Mid-Flood	7	M03M5A	18-Feb-09	MID-EBB	6.73	18-Feb-09	MID-FLOOD	4.50
M09	26-Mar-03	Mid-Ebb	11	27-Mar-03	Mid-Flood	6	M03M5A	18-Feb-09	MID-EBB	6.73	18-Feb-09	MID-FLOOD	4.50
M09	31-Mar-03	Mid-Ebb	7	31-Mar-03	Mid-Flood	7	M03M5A	20-Feb-09	MID-EBB	18.06	20-Feb-09	MID-FLOOD	12.61
M09	02-Apr-03	Mid-Ebb	7	02-Apr-03	Mid-Flood	5	M03M5A	20-Feb-09	MID-EBB	18.06	20-Feb-09	MID-FLOOD	12.61
M09	04-Apr-03	Mid-Ebb	7	04-Apr-03	Mid-Flood	5	M03M5A	23-Feb-09	MID-EBB	14.39	23-Feb-09	MID-FLOOD	8.50
M09	07-Apr-03	Mid-Ebb	7	07-Apr-03	Mid-Flood	5	M03M5A	23-Feb-09	MID-EBB	14.39	23-Feb-09	MID-FLOOD	8.50
M09	09-Apr-03	Mid-Ebb	6	09-Apr-03	Mid-Flood	4	M03M5A	25-Feb-09	MID-EBB	8.11	25-Feb-09	MID-FLOOD	10.56
M09	14-Apr-03	Mid-Ebb	5	14-Apr-03	Mid-Flood	6	M03M5A	25-Feb-09	MID-EBB	8.11	25-Feb-09	MID-FLOOD	10.56
M09	16-Apr-03	Mid-Ebb	7	16-Apr-03	Mid-Flood	7	M03M5A	27-Feb-09	MID-EBB	15.06	27-Feb-09	MID-FLOOD	10.17
M10	06-Feb-03	Mid-Ebb	3	06-Feb-03	Mid-Flood	5	M03M5A	27-Feb-09	MID-EBB	15.06	27-Feb-09	MID-FLOOD	10.17
M10	08-Feb-03	Mid-Ebb	6	08-Feb-03	Mid-Flood	5	M03M5A	2-Mar-09	MID-EBB	8.50	02-Mar-09	MID-FLOOD	10.62
M10	10-Feb-03	Mid-Ebb	5	10-Feb-03	Mid-Flood	4	M03M5A	2-Mar-09	MID-EBB	8.50	02-Mar-09	MID-FLOOD	10.62
M10	14-Feb-03	Mid-Ebb	5	14-Feb-03	Mid-Flood	6	M03M5A	4-Mar-09	MID-EBB	6.06	04-Mar-09	MID-FLOOD	9.28
M10	18-Feb-03	Mid-Ebb	6	17-Feb-03	Mid-Flood	8	M03M5A	4-Mar-09	MID-EBB	6.06	04-Mar-09	MID-FLOOD	9.28
M10	19-Feb-03	Mid-Ebb	6	19-Feb-03	Mid-Flood	8	M03M5A	6-Mar-09	MID-EBB	5.78	06-Mar-09	MID-FLOOD	8.89
M10	21-Feb-03	Mid-Ebb	8	21-Feb-03	Mid-Flood	6	M03M5A	6-Mar-09	MID-EBB	5.78	06-Mar-09	MID-FLOOD	8.89
M10	24-Feb-03	Mid-Ebb	6	24-Feb-03	Mid-Flood	5	M03M5A	9-Mar-09	MID-EBB	10.89	09-Mar-09	MID-FLOOD	8.39
M10	28-Feb-03	Mid-Ebb	4	28-Feb-03	Mid-Flood	7	M03M5A	9-Mar-09	MID-EBB	10.89	09-Mar-09	MID-FLOOD	8.39
M10	03-Mar-03	Mid-Ebb	7	03-Mar-03	Mid-Flood	9	M03M5A	11-Mar-09	MID-EBB	7.67	11-Mar-09	MID-FLOOD	14.39
M10	05-Mar-03	Mid-Ebb	6	05-Mar-03	Mid-Flood	6	M03M5A	11-Mar-09	MID-EBB	7.67	11-Mar-09	MID-FLOOD	14.39
M10	07-Mar-03	Mid-Ebb	8	07-Mar-03	Mid-Flood	8	M03M5A	13-Mar-09	MID-EBB	8.00	13-Mar-09	MID-FLOOD	17.84
M10	10-Mar-03	Mid-Ebb	6	10-Mar-03	Mid-Flood	7	M03M5A	13-Mar-09	MID-EBB	8.00	13-Mar-09	MID-FLOOD	17.84
M10	17-Mar-03	Mid-Ebb	8	17-Mar-03	Mid-Flood	7	M03M5A	16-Mar-09	MID-EBB	10.95	16-Mar-09	MID-FLOOD	10.89
M10	19-Mar-03	Mid-Ebb	10	19-Mar-03	Mid-Flood	10	M03M5A	16-Mar-09	MID-EBB	10.95	16-Mar-09	MID-FLOOD	10.89
M10	22-Mar-03	Mid-Ebb	7	22-Mar-03	Mid-Flood	10	M03M5A	18-Mar-09	MID-EBB	8.22	18-Mar-09	MID-FLOOD	6.84
M10	24-Mar-03	Mid-Ebb	5	24-Mar-03	Mid-Flood	8	M03M5A	18-Mar-09	MID-EBB	8.22	18-Mar-09	MID-FLOOD	6.84
M10	26-Mar-03	Mid-Ebb	7	27-Mar-03	Mid-Flood	5	M03M5A	20-Mar-09					

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 $H_0 : \mu = \mu_0$

$$Z_{0.05} = -1.645$$

$$\bar{X} - \mu_0 = -1.46$$

$$\sigma / \sqrt{n} = 0.06$$

Thus, $z = -25.77$

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	30-Mar-09	MID-EBB	7.17	30-Mar-09	MID-FLOOD	9.50
M03M5A	30-Mar-09	MID-EBB	7.17	30-Mar-09	MID-FLOOD	9.50
M03M5A	1-Apr-09	MID-EBB	13.22	01-Apr-09	MID-FLOOD	10.95
M03M5A	1-Apr-09	MID-EBB	13.22	01-Apr-09	MID-FLOOD	10.95
M03M5A	3-Apr-09	MID-EBB	8.56	03-Apr-09	MID-FLOOD	5.45
M03M5A	3-Apr-09	MID-EBB	8.56	03-Apr-09	MID-FLOOD	5.45
M03M5A	6-Apr-09	MID-EBB	12.56	06-Apr-09	MID-FLOOD	8.00
M03M5A	6-Apr-09	MID-EBB	12.56	06-Apr-09	MID-FLOOD	8.00
M03M5A	8-Apr-09	MID-EBB	9.28	08-Apr-09	MID-FLOOD	9.89
M03M5A	8-Apr-09	MID-EBB	9.28	08-Apr-09	MID-FLOOD	9.89
M03M5A	10-Apr-09	MID-EBB	9.06	10-Apr-09	MID-FLOOD	13.11
M03M5A	10-Apr-09	MID-EBB	9.06	10-Apr-09	MID-FLOOD	13.11
M03M5A	14-Apr-09	MID-EBB	10.28	14-Apr-09	MID-FLOOD	8.39
M03M5A	14-Apr-09	MID-EBB	10.28	14-Apr-09	MID-FLOOD	8.39
M03M5A	16-Apr-09	MID-EBB	6.95	16-Apr-09	MID-FLOOD	5.73
M03M5A	16-Apr-09	MID-EBB	6.95	16-Apr-09	MID-FLOOD	5.73
M03M5A	18-Apr-09	MID-EBB	8.50	18-Apr-09	MID-FLOOD	4.61
M03M5A	18-Apr-09	MID-EBB	8.50	18-Apr-09	MID-FLOOD	4.61
M03M5A	21-Apr-09	MID-EBB	4.89	21-Apr-09	MID-FLOOD	6.73
M03M5A	21-Apr-09	MID-EBB	4.89	21-Apr-09	MID-FLOOD	6.73
M03M5A	23-Apr-09	MID-EBB	8.67	23-Apr-09	MID-FLOOD	8.06
M03M5A	23-Apr-09	MID-EBB	8.67	23-Apr-09	MID-FLOOD	8.06
M03M5A	25-Apr-09	MID-EBB	11.89	25-Apr-09	MID-FLOOD	8.73
M03M5A	25-Apr-09	MID-EBB	11.89	25-Apr-09	MID-FLOOD	8.73
M03M5A	27-Apr-09	MID-EBB	6.84	27-Apr-09	MID-FLOOD	8.28
M03M5A	27-Apr-09	MID-EBB	6.84	27-Apr-09	MID-FLOOD	8.28
M03M5A	29-Apr-09	MID-EBB	7.22	29-Apr-09	MID-FLOOD	7.61
M03M5A	29-Apr-09	MID-EBB	7.22	29-Apr-09	MID-FLOOD	7.61
M04B	02-Feb-09	MID-EBB	9.89	02-Feb-09	MID-FLOOD	7.39
M04B	04-Feb-09	MID-EBB	8.50	04-Feb-09	MID-FLOOD	7.84
M04B	06-Feb-09	MID-EBB	5.78	06-Feb-09	MID-FLOOD	8.50
M04B	09-Feb-09	MID-EBB	6.28	09-Feb-09	MID-FLOOD	7.73
M04B	11-Feb-09	MID-EBB	7.95	11-Feb-09	MID-FLOOD	12.06
M04B	13-Feb-09	MID-EBB	7.73	13-Feb-09	MID-FLOOD	10.95
M04B	16-Feb-09	MID-EBB	7.00	16-Feb-09	MID-FLOOD	9.22
M04B	18-Feb-09	MID-EBB	8.78	18-Feb-09	MID-FLOOD	4.84
M04B	20-Feb-09	MID-EBB	10.28	20-Feb-09	MID-FLOOD	8.11
M04B	23-Feb-09	MID-EBB	8.61	23-Feb-09	MID-FLOOD	8.22
M04B	25-Feb-09	MID-EBB	9.11	25-Feb-09	MID-FLOOD	11.39
M04B	27-Feb-09	MID-EBB	15.84	27-Feb-09	MID-FLOOD	16.50
M04B	2-Mar-09	MID-EBB	8.73	02-Mar-09	MID-FLOOD	9.39
M04B	4-Mar-09	MID-EBB	10.50	04-Mar-09	MID-FLOOD	7.78
M04B	6-Mar-09	MID-EBB	7.73	06-Mar-09	MID-FLOOD	8.11
M04B	9-Mar-09	MID-EBB	8.50	09-Mar-09	MID-FLOOD	9.50
M04B	11-Mar-09	MID-EBB	7.56	11-Mar-09	MID-FLOOD	11.00
M04B	13-Mar-09	MID-EBB	10.45	13-Mar-09	MID-FLOOD	11.95
M04B	16-Mar-09	MID-EBB	10.50	16-Mar-09	MID-FLOOD	13.22
M04B	18-Mar-09	MID-EBB	9.39	18-Mar-09	MID-FLOOD	5.95
M04B	20-Mar-09	MID-EBB	13.22	20-Mar-09	MID-FLOOD	8.78
M04B	23-Mar-09	MID-EBB	6.67	23-Mar-09	MID-FLOOD	5.33
M04B	25-Mar-09	MID-EBB	11.73	25-Mar-09	MID-FLOOD	11.78
M04B	27-Mar-09	MID-EBB	7.22	27-Mar-09	MID-FLOOD	8.45
M04B	30-Mar-09	MID-EBB	6.17	30-Mar-09	MID-FLOOD	10.00
M04B	1-Apr-09	MID-EBB	6.56	01-Apr-09	MID-FLOOD	9.78
M04B	3-Apr-09	MID-EBB	5.78	03-Apr-09	MID-FLOOD	6.39
M04B	6-Apr-09	MID-EBB	7.11	06-Apr-09	MID-FLOOD	7.56
M04B	8-Apr-09	MID-EBB	8.17	08-Apr-09	MID-FLOOD	8.22
M04B	10-Apr-09	MID-EBB	8.17	10-Apr-09	MID-FLOOD	8.67
M04B	14-Apr-09	MID-EBB	6.95	14-Apr-09	MID-FLOOD	10.50
M04B	16-Apr-09	MID-EBB	7.50	16-Apr-09	MID-FLOOD	5.28
M04B	18-Apr-09	MID-EBB	8.67	18-Apr-09	MID-FLOOD	6.50
M04B	21-Apr-09	MID-EBB	7.11	21-Apr-09	MID-FLOOD	8.00
M04B	23-Apr-09	MID-EBB	6.84	23-Apr-09	MID-FLOOD	8.00
M04B	25-Apr-09	MID-EBB	9.45	25-Apr-09	MID-FLOOD	9.06
M04B	27-Apr-09	MID-EBB	5.67	27-Apr-09	MID-FLOOD	9.67
M04B	29-Apr-09	MID-EBB	6.95	29-Apr-09	MID-FLOOD	7.84
M05B	02-Feb-09	MID-EBB	7.11	02-Feb-09	MID-FLOOD	9.39
M05B	04-Feb-09	MID-EBB	9.78	04-Feb-09	MID-FLOOD	4.73
M05B	06-Feb-09	MID-EBB	5.89	06-Feb-09	MID-FLOOD	8.28
M05B	09-Feb-09	MID-EBB	8.11	09-Feb-09	MID-FLOOD	9.17
M05B	11-Feb-09	MID-EBB	8.84	11-Feb-09	MID-FLOOD	12.11
M05B	13-Feb-09	MID-EBB	13.84	13-Feb-09	MID-FLOOD	14.28
M05B	16-Feb-09	MID-EBB	6.06	16-Feb-09	MID-FLOOD	6.95
M05B	18-Feb-09	MID-EBB	5.78	18-Feb-09	MID-FLOOD	4.61
M05B	20-Feb-09	MID-EBB	13.45	20-Feb-09	MID-FLOOD	7.34
M05B	23-Feb-09	MID-EBB	14.61	23-Feb-09	MID-FLOOD	9.56
M05B	25-Feb-09	MID-EBB	9.73	25-Feb-09	MID-FLOOD	9.73
M05B	27-Feb-09	MID-EBB	18.39	27-Feb-09	MID-FLOOD	9.50
M05B	2-Mar-09	MID-EBB	6.78	02-Mar-09	MID-FLOOD	11.17
M05B	4-Mar-09	MID-EBB	6.56	04-Mar-09	MID-FLOOD	9.17
M05B	6-Mar-09	MID-EBB	6.06	06-Mar-09	MID-FLOOD	8.28
M05B	9-Mar-09	MID-EBB	11.00	09-Mar-09	MID-FLOOD	8.33
M05B	11-Mar-09	MID-EBB	8.22	11-Mar-09	MID-FLOOD	14.39
M05B	13-Mar-09	MID-EBB	10.22	13-Mar-09	MID-FLOOD	12.84
M05B	16-Mar-09	MID-EBB	9.84	16-Mar-09	MID-FLOOD	13.28
M05B	18-Mar-09	MID-EBB	10.78	18-Mar-09	MID-FLOOD	7.67
M05B	20-Mar-09	MID-EBB	5.67	20-Mar-09	MID-FLOOD	11.45
M05B	23-Mar-09	MID-EBB	10.28	23-Mar-09	MID-FLOOD	7.44
M05B	25-Mar-09	MID-EBB	9.78	25-Mar-09	MID-FLOOD	12.45
M05B	27-Mar-09	MID-EBB	7.22	27-Mar-09	MID-FLOOD	14.11
M05B	30-Mar-09	MID-EBB	7.78	30-Mar-09	MID-FLOOD	9.17
M05B	1-Apr-09	MID-EBB	11.44	01-Apr-09	MID-FLOOD	10.89
M05B	3-Apr-09	MID-EBB	5.62	03-Apr-09	MID-FLOOD	5.84
M05B	6-Apr-09	MID-EBB	12.95	06-Apr-09	MID-FLOOD	8.17
M05B	8-Apr-09	MID-EBB	8.73	08-Apr-09	MID-FLOOD	7.22
M05B	10-Apr-09	MID-EBB	8.78	10-Apr-09	MID-FLOOD	16.50
M05B	14-Apr-09	MID-EBB	9.67	14-Apr-09	MID-FLOOD	11.95
M05B	16-Apr-09	MID-EBB	6.73	16-Apr-09	MID-FLOOD	5.33
M05B	18-Apr-09	MID-EBB	9.56	18-Apr-09	MID-FLOOD	5.50

Baseline Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS
M05B	21-Apr-09	MID-EBB	5.06	21-Apr-09	MID-FLOOD	5.89
M05B	23-Apr-09	MID-EBB	8.11	23-Apr-09	MID-FLOOD	8.00
M05B	25-Apr-09	MID-EBB	8.95	25-Apr-09	MID-FLOOD	6.67
M05B	27-Apr-09	MID-EBB	6.45	27-Apr-09	MID-FLOOD	8.39
M05B	29-Apr-09	MID-EBB	7.06	29-Apr-09	MID-FLOOD	6.89
M06	02-Feb-09	MID-EBB	5.45	02-Feb-09	MID-FLOOD	8.45
M06	04-Feb-09	MID-EBB	6.89	04-Feb-09	MID-FLOOD	8.73
M06	06-Feb-09	MID-EBB	6.67	06-Feb-09	MID-FLOOD	8.95
M06	09-Feb-09	MID-EBB	11.67	09-Feb-09	MID-FLOOD	8.73
M06	11-Feb-09	MID-EBB	9.06	11-Feb-09	MID-FLOOD	9.56
M06	13-Feb-09	MID-EBB	9.73	13-Feb-09	MID-FLOOD	14.11
M06	16-Feb-09	MID-EBB	7.06	16-Feb-09	MID-FLOOD	6.39
M06	18-Feb-09	MID-EBB	4.95	18-Feb-09	MID-FLOOD	5.62
M06	20-Feb-09	MID-EBB	7.95	20-Feb-09	MID-FLOOD	8.06
M06	23-Feb-09	MID-EBB	14.28	23-Feb-09	MID-FLOOD	6.56
M06	25-Feb-09	MID-EBB	12.17	25-Feb-09	MID-FLOOD	8.78
M06	27-Feb-09	MID-EBB	10.95	27-Feb-09	MID-FLOOD	8.39
M06	2-Mar-09	MID-EBB	9.22	02-Mar-09	MID-FLOOD	7.73
M06	4-Mar-09	MID-EBB	4.73	04-Mar-09	MID-FLOOD	6.78
M06	6-Mar-09	MID-EBB	6.11	06-Mar-09	MID-FLOOD	4.89
M06	9-Mar-09	MID-EBB	11.17	09-Mar-09	MID-FLOOD	9.11
M06	11-Mar-09	MID-EBB	9.11	11-Mar-09	MID-FLOOD	9.11
M06	13-Mar-09	MID-EBB	11.06	13-Mar-09	MID-FLOOD	7.84
M06	16-Mar-09	MID-EBB	10.11	16-Mar-09	MID-FLOOD	8.11
M06	18-Mar-09	MID-EBB	6.45	18-Mar-09	MID-FLOOD	7.89
M06	20-Mar-09	MID-EBB	6.22	20-Mar-09	MID-FLOOD	8.28
M06	23-Mar-09	MID-EBB	6.00	23-Mar-09	MID-FLOOD	5.50
M06	25-Mar-09	MID-EBB	7.67	25-Mar-09	MID-FLOOD	8.45
M06	27-Mar-09	MID-EBB	11.06	27-Mar-09	MID-FLOOD	6.95
M06	30-Mar-09	MID-EBB	7.50	30-Mar-09	MID-FLOOD	11.28
M06	1-Apr-09	MID-EBB	8.45	01-Apr-09	MID-FLOOD	5.62
M06	3-Apr-09	MID-EBB	9.73	03-Apr-09	MID-FLOOD	5.78
M06	6-Apr-09	MID-EBB	6.28	06-Apr-09	MID-FLOOD	8.11
M06	8-Apr-09	MID-EBB	7.50	08-Apr-09	MID-FLOOD	7.73
M06	10-Apr-09	MID-EBB	9.73	10-Apr-09	MID-FLOOD	6.56
M06	14-Apr-09	MID-EBB	9.33	14-Apr-09	MID-FLOOD	5.17
M06	16-Apr-09	MID-EBB	6.78	16-Apr-09	MID-FLOOD	4.50
M06	18-Apr-09	MID-EBB	7.00	18-Apr-09	MID-FLOOD	6.84
M06	21-Apr-09	MID-EBB	7.56	21-Apr-09	MID-FLOOD	8.06
M06	23-Apr-09	MID-EBB	8.67	23-Apr-09	MID-FLOOD	8.67
M06	25-Apr-09	MID-EBB	9.11	25-Apr-09	MID-FLOOD	7.95
M06	27-Apr-09	MID-EBB	6.33	27-Apr-09	MID-FLOOD	6.45
M06	29-Apr-09	MID-EBB	7.84	29-Apr-09	MID-FLOOD	7.00
M07	02-Feb-09	MID-EBB	6.28	02-Feb-09	MID-FLOOD	5.72
M07	04-Feb-09	MID-EBB	5.50	04-Feb-09	MID-FLOOD	6.00
M07	06-Feb-09	MID-EBB	4.93	06-Feb-09	MID-FLOOD	5.46
M07	09-Feb-09	MID-EBB	6.37	09-Feb-09	MID-FLOOD	5.89
M07	11-Feb-09	MID-EBB	6.72	11-Feb-09	MID-FLOOD	8.24
M07	13-Feb-09	MID-EBB	10.04	13-Feb-09	MID-FLOOD	7.50
M07	16-Feb-09	MID-EBB	6.07	16-Feb-09	MID-FLOOD	6.45
M07	18-Feb-09	MID-EBB	5.21	18-Feb-09	MID-FLOOD	5.65
M07	20-Feb-09	MID-EBB	5.44	20-Feb-09	MID-FLOOD	6.22
M07	23-Feb-09	MID-EBB	5.69	23-Feb-09	MID-FLOOD	4.87
M07	25-Feb-09	MID-EBB	8.43	25-Feb-09	MID-FLOOD	6.85
M07	27-Feb-09	MID-EBB	7.08	27-Feb-09	MID-FLOOD	6.93
M07	2-Mar-09	MID-EBB	7.35	02-Mar-09	MID-FLOOD	5.78
M07	4-Mar-09	MID-EBB	5.45	04-Mar-09	MID-FLOOD	5.33
M07	6-Mar-09	MID-EBB	4.22	06-Mar-09	MID-FLOOD	4.74
M07	9-Mar-09	MID-EBB	8.89	09-Mar-09	MID-FLOOD	7.87
M07	11-Mar-09	MID-EBB	6.80	11-Mar-09	MID-FLOOD	7.18
M07	13-Mar-09	MID-EBB	12.61	13-Mar-09	MID-FLOOD	6.54
M07	16-Mar-09	MID-EBB	9.96	16-Mar-09	MID-FLOOD	9.41
M07	18-Mar-09	MID-EBB	5.19	18-Mar-09	MID-FLOOD	9.24
M07	20-Mar-09	MID-EBB	5.48	20-Mar-09	MID-FLOOD	5.78
M07	23-Mar-09	MID-EBB	4.61	23-Mar-09	MID-FLOOD	5.15
M07	25-Mar-09	MID-EBB	5.95	25-Mar-09	MID-FLOOD	7.04
M07	27-Mar-09	MID-EBB	6.11	27-Mar-09	MID-FLOOD	5.15
M07	30-Mar-09	MID-EBB	7.37	30-Mar-09	MID-FLOOD	7.00
M07	1-Apr-09	MID-EBB	7.56	01-Apr-09	MID-FLOOD	6.22
M07	3-Apr-09	MID-EBB	5.20	03-Apr-09	MID-FLOOD	5.04
M07	6-Apr-09	MID-EBB	6.65	06-Apr-09	MID-FLOOD	6.48
M07	8-Apr-09	MID-EBB	7.59	08-Apr-09	MID-FLOOD	6.74
M07	10-Apr-09	MID-EBB	6.93	10-Apr-09	MID-FLOOD	6.76
M07	14-Apr-09	MID-EBB	7.02	14-Apr-09	MID-FLOOD	4.82
M07	16-Apr-09	MID-EBB	7.15	16-Apr-09	MID-FLOOD	7.19
M07	18-Apr-09	MID-EBB	4.28	18-Apr-09	MID-FLOOD	4.47
M07	21-Apr-09	MID-EBB	5.15	21-Apr-09	MID-FLOOD	5.17
M07	23-Apr-09	MID-EBB	6.21	23-Apr-09	MID-FLOOD	7.87
M07	25-Apr-09	MID-EBB	6.11	25-Apr-09	MID-FLOOD	5.85
M07	27-Apr-09	MID-EBB	10.28	27-Apr-09	MID-FLOOD	10.17
M07	29-Apr-09	MID-EBB	8.44	29-Apr-09	MID-FLOOD	9.26
M08	02-Feb-09	MID-EBB	5.87	02-Feb-09	MID-FLOOD	5.81
M08	04-Feb-09	MID-EBB	5.30	04-Feb-09	MID-FLOOD	7.33
M08	06-Feb-09	MID-EBB	5.11	06-Feb-09	MID-FLOOD	4.71
M08	09-Feb-09	MID-EBB	6.76	09-Feb-09	MID-FLOOD	6.46
M08	11-Feb-09	MID-EBB	5.24	11-Feb-09	MID-FLOOD	5.52
M08	13-Feb-09	MID-EBB	9.85	13-Feb-09	MID-FLOOD	7.41
M08	16-Feb-09	MID-EBB	5.15	16-Feb-09	MID-FLOOD	7.20
M08	18-Feb-09	MID-EBB	7.74	18-Feb-09	MID-FLOOD	4.37
M08	20-Feb-09	MID-EBB	4.85	20-Feb-09	MID-FLOOD	6.45
M08	23-Feb-09	MID-EBB	6.54	23-Feb-09	MID-FLOOD	5.73
M08	25-Feb-09	MID-EBB	6.46	25-Feb-09	MID-FLOOD	7.41
M08	27-Feb-09	MID-EBB	7.67	27-Feb-09	MID-FLOOD	7.06
M08	2-Mar-09	MID-EBB	6.55	02-Mar-09	MID-FLOOD	5.89
M08	4-Mar-09	MID-EBB	5.13	04-Mar-09	MID-FLOOD	5.56
M08	6-Mar-09	MID-EBB	3.44	06-Mar-09	MID-FLOOD	3.44
M08	9-Mar-09	MID-EBB	7.10	09-Mar-09	MID-FLOOD	6.69
M08	11-Mar-09	MID-EBB	6.58	11-Mar-09	MID-FLOOD	6.72
M08	13-Mar-09	MID-EBB	13.33	13-Mar-09	MID-FLOOD	6.65
M08	16-Mar-09	MID-EBB	7.41	16-Mar-09	MID-FLOOD	6.91
M08	18-Mar-09	MID-EBB	5.35	18-Mar-09	MID-FLOOD	8.48
M08	20-Mar-09	MID-EBB	5.18	20-Mar-09	MID-FLOOD	5.54

Impact Monitoring Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS
M05B	21-Apr-09	MID-EBB	5.06	21-Apr-09	MID-FLOOD	5.89
M05B	23-Apr-09	MID-EBB	8.11	23-Apr-09	MID-FLOOD	8.00
M05B	25-Apr-09	MID-EBB	8.95	25-Apr-09	MID-FLOOD	6.67
M05B	27-Apr-09	MID-EBB	6.45	27-Apr-09	MID-FLOOD	8.39
M05B	29-Apr-09	MID-EBB	7.06	29-Apr-09	MID-FLOOD	6.89
M06	02-Feb-09	MID-EBB	5.45	02-Feb-09	MID-FLOOD	8.45
M06	04-Feb-09	MID-EBB	6.89	04-Feb-09	MID-FLOOD	8.73
M06	06-Feb-09	MID-EBB	6.67	06-Feb-09	MID-FLOOD	8.95
M06	09-Feb-09	MID-EBB	11.67	09-Feb-09	MID-FLOOD	8.73
M06	11-Feb-09	MID-EBB	9.06	11-Feb-09	MID-FLOOD	9.56
M06	13-Feb-09	MID-EBB	9.73	13-Feb-09	MID-FLOOD	14.11
M06	16-Feb-09	MID-EBB	7.06	16-Feb-09	MID-FLOOD	6.39
M06	18-Feb-09	MID-EBB	4.95	18-Feb-09	MID-FLOOD	5.62
M06	20-Feb-09	MID-EBB	7.95	20-Feb-09	MID-FLOOD	8.06
M06	23-Feb-09	MID-EBB	14.28	23-Feb-09	MID-FLOOD	6.56
M06	25-Feb-09	MID-EBB	12.17	25-Feb-09	MID-FLOOD	8.78
M06	27-Feb-09	MID-EBB	10.95	27-Feb-09	MID-FLOOD	8.39
M06	2-Mar-09	MID-EBB	9.22	02-Mar-09	MID-FLOOD	7.73
M06	4-Mar-09	MID-EBB	4.73	04-Mar-09	MID-FLOOD	6.78
M06	6-Mar-09	MID-EBB	6.11	06-Mar-09	MID-FLOOD	4.89
M06	9-Mar-09	MID-EBB	11.17	09-Mar-09	MID-FLOOD	9.11
M06	11-Mar-09	MID-EBB	9.11	11-Mar-09	MID-FLOOD	9.11
M06	13-Mar-09	MID-EBB	11.06	13-Mar-09	MID-FLOOD	7.84
M06	16-Mar-09	MID-EBB	10.11	16-Mar-09	MID-FLOOD	8.11
M06	18-Mar-09	MID-EBB	6.45	18-Mar-09	MID-FLOOD	7.89
M06	20-Mar-09	MID-EBB	6.22	20-Mar-09	MID-FLOOD	8.28
M06	23-Mar-09	MID-EBB	6.00	23-Mar-09	MID-FLOOD	5.50
M06	25-Mar-09	MID-EBB	7.67	25-Mar-09	MID-FLOOD	8.45
M06	27-Mar-09	MID-EBB	11.06	27-Mar-09	MID-FLOOD	6.95
M06	30-Mar-09	MID-EBB	7.50	30-Mar-09	MID-FLOOD	11.28
M06	1-Apr-09	MID-EBB	8.45	01-Apr-09	MID-FLOOD	5.62
M06	3-Apr-09	MID-EBB	9.73	03-Apr-09	MID-FLOOD	5.78
M06	6-Apr-09	MID-EBB	6.28	06-Apr-09	MID-FLOOD	8.11
M06	8-Apr-09	MID-EBB	7.50	08-Apr-09	MID-FLOOD	7.73
M06	10-Apr-09	MID-EBB	9.73	10-Apr-09	MID-FLOOD	6.56
M06	14-Apr-09	MID-EBB	9.33	14-Apr-09	MID-FLOOD	5.17
M06	16-Apr-09	MID-EBB	6.78	16-Apr-09	MID-FLOOD	4.50
M06	18-Apr-09	MID-EBB	7.00	18-Apr-09	MID-FLOOD	6.84
M06	21-Apr-09	MID-EBB	7.56	21-Apr-09	MID-FLOOD	8.06
M06	23-Apr-09	MID-EBB	8.67	23-Apr-09	MID-FLOOD	8.67
M06	25-Apr-09	MID-EBB	9.11	25-Apr-09	MID-FLOOD	7.95
M06	27-Apr-09	MID-EBB	6.33	27-Apr-09	MID-FLOOD	6.45
M06	29-Apr-09	MID-EBB	7.84	29-Apr-09	MID-FLOOD	7.00
M07	02-Feb-09	MID-EBB	6.28	02-Feb-09	MID-FLOOD	5.72
M07	04-Feb-09	MID-EBB	5.50	04-Feb-09	MID-FLOOD	6.00
M07	06-Feb-09	MID-EBB	4.93	06-Feb-09	MID-FLOOD	5.46
M07	09-Feb-09	MID-EBB	6.37	09-Feb-09	MID-FLOOD	5.89
M07	11-Feb-09	MID-EBB	6.72	11-Feb-09	MID-FLOOD	8.24
M07	13-Feb-09	MID-EBB	10.04	13-Feb-09	MID-FLOOD	7.50
M07	16-Feb-09	MID-EBB	6.07	16-Feb-09	MID-FLOOD	6.45
M07	18-Feb-09	MID-EBB	5.21	18-Feb-09	MID-FLOOD	5.65
M07	20-Feb-09	MID-EBB	5.44	20-Feb-09	MID-FLOOD	6.22
M07	23-Feb-09	MID-EBB	5.69	23-Feb-09	MID-FLOOD	4.87
M07	25-Feb-09	MID-EBB	8.43	25-Feb-09	MID-FLOOD	6.85
M07	27-Feb-09	MID-EBB	7.08	27-Feb-09	MID-FLOOD	6.93
M07	2-Mar-09	MID-EBB	7.35	02-Mar-09	MID-FLOOD	5.78
M07	4-Mar-09	MID-EBB	5.45	04-Mar-09	MID-FLOOD	5.33
M07	6-Mar-09	MID-EBB	4.22	06-Mar-09	MID-FLOOD	4.74
M07	9-Mar-09	MID-EBB	8.89	09-Mar-09	MID-FLOOD	7.87
M07	11-Mar-09	MID-EBB	6.80	11-Mar-09	MID-FLOOD	7.18
M07	13-Mar-09	MID-EBB	12.61	13-Mar-09	MID-FLOOD	6.54
M07	16-Mar-09	MID-EBB	9.96	16-Mar-09	MID-FLOOD	9.41
M07	18-Mar-09	MID-EBB	5.19	18-Mar-09	MID-FLOOD	9.24
M07	20-Mar-09	MID-EBB	5.48	20-Mar-09	MID-FLOOD	5.78
M07	23-Mar-09	MID-EBB	4.61	23-Mar-09	MID-FLOOD	5.15
M07	25-Mar-09	MID-EBB	5.95	25-Mar-09	MID-FLOOD	7.04
M07	27-Mar-09	MID-EBB	6.11	27-Mar-09	MID-FLOOD	5.15
M07	30-Mar-09	MID-EBB	7.37	30-Mar-09	MID-FLOOD	7.00
M07	1-Apr-09	MID-EBB	7.56	01-Apr-09	MID-FLOOD	6.22
M07	3-Apr-09	MID-EBB	5.20	03-Apr-09	MID-FLOOD	5.04
M07	6-Apr-09	MID-EBB	6.65	06-Apr-09	MID-FLOOD	6.48
M07	8-Apr-09	MID-EBB	7.59	08-Apr-09	MID-FLOOD	6.74
M07	10-Apr-09	MID-EBB	6.93	10-Apr-09	MID-FLOOD	6.76
M07</						

Baseline Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS
M08	23-Mar-09	MID-EBB	3.82	23-Mar-09	MID-FLOOD	3.82
M08	25-Mar-09	MID-EBB	6.09	25-Mar-09	MID-FLOOD	6.65
M08	27-Mar-09	MID-EBB	5.82	27-Mar-09	MID-FLOOD	5.13
M08	30-Mar-09	MID-EBB	7.15	30-Mar-09	MID-FLOOD	7.76
M08	1-Apr-09	MID-EBB	6.04	01-Apr-09	MID-FLOOD	5.54
M08	3-Apr-09	MID-EBB	5.33	03-Apr-09	MID-FLOOD	4.67
M08	6-Apr-09	MID-EBB	5.22	06-Apr-09	MID-FLOOD	5.54
M08	8-Apr-09	MID-EBB	6.80	08-Apr-09	MID-FLOOD	6.76
M08	10-Apr-09	MID-EBB	6.65	10-Apr-09	MID-FLOOD	7.22
M08	14-Apr-09	MID-EBB	4.89	14-Apr-09	MID-FLOOD	5.04
M08	16-Apr-09	MID-EBB	5.71	16-Apr-09	MID-FLOOD	7.84
M08	18-Apr-09	MID-EBB	4.33	18-Apr-09	MID-FLOOD	4.06
M08	21-Apr-09	MID-EBB	4.06	21-Apr-09	MID-FLOOD	4.11
M08	23-Apr-09	MID-EBB	5.72	23-Apr-09	MID-FLOOD	9.10
M08	25-Apr-09	MID-EBB	6.52	25-Apr-09	MID-FLOOD	6.09
M08	27-Apr-09	MID-EBB	6.39	27-Apr-09	MID-FLOOD	5.30
M08	29-Apr-09	MID-EBB	6.37	29-Apr-09	MID-FLOOD	6.54
M09	02-Feb-09	MID-EBB	6.44	02-Feb-09	MID-FLOOD	5.83
M09	04-Feb-09	MID-EBB	7.09	04-Feb-09	MID-FLOOD	6.96
M09	06-Feb-09	MID-EBB	4.84	06-Feb-09	MID-FLOOD	5.09
M09	09-Feb-09	MID-EBB	6.45	09-Feb-09	MID-FLOOD	6.15
M09	11-Feb-09	MID-EBB	7.80	11-Feb-09	MID-FLOOD	7.17
M09	13-Feb-09	MID-EBB	7.87	13-Feb-09	MID-FLOOD	9.57
M09	16-Feb-09	MID-EBB	5.35	16-Feb-09	MID-FLOOD	6.56
M09	18-Feb-09	MID-EBB	3.84	18-Feb-09	MID-FLOOD	4.50
M09	20-Feb-09	MID-EBB	5.02	20-Feb-09	MID-FLOOD	4.83
M09	23-Feb-09	MID-EBB	6.28	23-Feb-09	MID-FLOOD	5.48
M09	25-Feb-09	MID-EBB	10.15	25-Feb-09	MID-FLOOD	7.85
M09	27-Feb-09	MID-EBB	7.31	27-Feb-09	MID-FLOOD	7.65
M09	2-Mar-09	MID-EBB	7.87	02-Mar-09	MID-FLOOD	6.91
M09	4-Mar-09	MID-EBB	5.45	04-Mar-09	MID-FLOOD	5.37
M09	6-Mar-09	MID-EBB	3.74	06-Mar-09	MID-FLOOD	3.69
M09	9-Mar-09	MID-EBB	6.11	09-Mar-09	MID-FLOOD	5.69
M09	11-Mar-09	MID-EBB	6.65	11-Mar-09	MID-FLOOD	7.85
M09	13-Mar-09	MID-EBB	6.28	13-Mar-09	MID-FLOOD	11.00
M09	16-Mar-09	MID-EBB	8.95	16-Mar-09	MID-FLOOD	9.78
M09	18-Mar-09	MID-EBB	4.85	18-Mar-09	MID-FLOOD	8.59
M09	20-Mar-09	MID-EBB	7.06	20-Mar-09	MID-FLOOD	7.22
M09	23-Mar-09	MID-EBB	3.95	23-Mar-09	MID-FLOOD	4.69
M09	25-Mar-09	MID-EBB	10.93	25-Mar-09	MID-FLOOD	5.74
M09	27-Mar-09	MID-EBB	5.91	27-Mar-09	MID-FLOOD	5.46
M09	30-Mar-09	MID-EBB	6.11	30-Mar-09	MID-FLOOD	6.58
M09	1-Apr-09	MID-EBB	7.44	01-Apr-09	MID-FLOOD	5.61
M09	3-Apr-09	MID-EBB	6.46	03-Apr-09	MID-FLOOD	4.84
M09	6-Apr-09	MID-EBB	6.59	06-Apr-09	MID-FLOOD	6.95
M09	8-Apr-09	MID-EBB	5.48	08-Apr-09	MID-FLOOD	10.80
M09	10-Apr-09	MID-EBB	7.00	10-Apr-09	MID-FLOOD	5.96
M09	14-Apr-09	MID-EBB	8.58	14-Apr-09	MID-FLOOD	4.82
M09	16-Apr-09	MID-EBB	6.13	16-Apr-09	MID-FLOOD	7.50
M09	18-Apr-09	MID-EBB	4.31	18-Apr-09	MID-FLOOD	4.70
M09	21-Apr-09	MID-EBB	4.30	21-Apr-09	MID-FLOOD	4.63
M09	23-Apr-09	MID-EBB	6.26	23-Apr-09	MID-FLOOD	9.93
M09	25-Apr-09	MID-EBB	5.87	25-Apr-09	MID-FLOOD	5.82
M09	27-Apr-09	MID-EBB	9.43	27-Apr-09	MID-FLOOD	8.45
M09	29-Apr-09	MID-EBB	9.37	29-Apr-09	MID-FLOOD	10.11
M10	02-Feb-09	MID-EBB	5.34	02-Feb-09	MID-FLOOD	5.56
M10	04-Feb-09	MID-EBB	6.26	04-Feb-09	MID-FLOOD	6.19
M10	06-Feb-09	MID-EBB	4.56	06-Feb-09	MID-FLOOD	4.98
M10	09-Feb-09	MID-EBB	6.94	09-Feb-09	MID-FLOOD	6.50
M10	11-Feb-09	MID-EBB	6.11	11-Feb-09	MID-FLOOD	7.74
M10	13-Feb-09	MID-EBB	7.89	13-Feb-09	MID-FLOOD	8.59
M10	16-Feb-09	MID-EBB	6.15	16-Feb-09	MID-FLOOD	6.78
M10	18-Feb-09	MID-EBB	4.69	18-Feb-09	MID-FLOOD	4.45
M10	20-Feb-09	MID-EBB	4.78	20-Feb-09	MID-FLOOD	6.15
M10	23-Feb-09	MID-EBB	6.78	23-Feb-09	MID-FLOOD	5.59
M10	25-Feb-09	MID-EBB	9.26	25-Feb-09	MID-FLOOD	6.63
M10	27-Feb-09	MID-EBB	7.52	27-Feb-09	MID-FLOOD	7.24
M10	2-Mar-09	MID-EBB	7.17	02-Mar-09	MID-FLOOD	7.17
M10	4-Mar-09	MID-EBB	6.06	04-Mar-09	MID-FLOOD	6.07
M10	6-Mar-09	MID-EBB	5.19	06-Mar-09	MID-FLOOD	4.54
M10	9-Mar-09	MID-EBB	7.20	09-Mar-09	MID-FLOOD	7.09
M10	11-Mar-09	MID-EBB	7.34	11-Mar-09	MID-FLOOD	6.82
M10	13-Mar-09	MID-EBB	6.07	13-Mar-09	MID-FLOOD	12.00
M10	16-Mar-09	MID-EBB	7.48	16-Mar-09	MID-FLOOD	7.28
M10	18-Mar-09	MID-EBB	5.24	18-Mar-09	MID-FLOOD	8.59
M10	20-Mar-09	MID-EBB	5.96	20-Mar-09	MID-FLOOD	6.84
M10	23-Mar-09	MID-EBB	5.07	23-Mar-09	MID-FLOOD	4.89
M10	25-Mar-09	MID-EBB	9.61	25-Mar-09	MID-FLOOD	6.46
M10	27-Mar-09	MID-EBB	5.78	27-Mar-09	MID-FLOOD	5.52
M10	30-Mar-09	MID-EBB	7.37	30-Mar-09	MID-FLOOD	7.46
M10	1-Apr-09	MID-EBB	7.15	01-Apr-09	MID-FLOOD	7.78
M10	3-Apr-09	MID-EBB	6.11	03-Apr-09	MID-FLOOD	5.13
M10	6-Apr-09	MID-EBB	5.43	06-Apr-09	MID-FLOOD	5.91
M10	8-Apr-09	MID-EBB	5.78	08-Apr-09	MID-FLOOD	11.52
M10	10-Apr-09	MID-EBB	6.67	10-Apr-09	MID-FLOOD	6.39
M10	14-Apr-09	MID-EBB	4.87	14-Apr-09	MID-FLOOD	4.95
M10	16-Apr-09	MID-EBB	5.15	16-Apr-09	MID-FLOOD	7.45
M10	18-Apr-09	MID-EBB	4.46	18-Apr-09	MID-FLOOD	5.02
M10	21-Apr-09	MID-EBB	4.48	21-Apr-09	MID-FLOOD	5.07
M10	23-Apr-09	MID-EBB	8.84	23-Apr-09	MID-FLOOD	8.30
M10	25-Apr-09	MID-EBB	5.60	25-Apr-09	MID-FLOOD	6.48
M10	27-Apr-09	MID-EBB	6.48	27-Apr-09	MID-FLOOD	6.17
M10	29-Apr-09	MID-EBB	7.30	29-Apr-09	MID-FLOOD	7.37
M11	02-Feb-09	MID-EBB	8.00	02-Feb-09	MID-FLOOD	7.17
M11	04-Feb-09	MID-EBB	7.50	04-Feb-09	MID-FLOOD	6.89
M11	06-Feb-09	MID-EBB	5.67	06-Feb-09	MID-FLOOD	8.33
M11	09-Feb-09	MID-EBB	9.73	09-Feb-09	MID-FLOOD	8.11
M11	11-Feb-09	MID-EBB	15.33	11-Feb-09	MID-FLOOD	11.56
M11	13-Feb-09	MID-EBB	10.45	13-Feb-09	MID-FLOOD	12.56
M11	16-Feb-09	MID-EBB	7.45	16-Feb-09	MID-FLOOD	11.67
M11	18-Feb-09	MID-EBB	6.62	18-Feb-09	MID-FLOOD	6.11
M11	20-Feb-09	MID-EBB	8.78	20-Feb-09	MID-FLOOD	7.62

Impact Monitoring Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS
M08	23-Mar-09	MID-EBB	3.82	23-Mar-09	MID-FLOOD	3.82
M08	25-Mar-09	MID-EBB	6.09	25-Mar-09	MID-FLOOD	6.65
M08	27-Mar-09	MID-EBB	5.82	27-Mar-09	MID-FLOOD	5.13
M08	30-Mar-09	MID-EBB	7.15	30-Mar-09	MID-FLOOD	7.76
M08	1-Apr-09	MID-EBB	6.04	01-Apr-09	MID-FLOOD	5.54
M08	3-Apr-09	MID-EBB	5.33	03-Apr-09	MID-FLOOD	4.67
M08	6-Apr-09	MID-EBB	5.22	06-Apr-09	MID-FLOOD	5.54
M08	8-Apr-09	MID-EBB	6.80	08-Apr-09	MID-FLOOD	6.76
M08	10-Apr-09	MID-EBB	6.65	10-Apr-09	MID-FLOOD	7.22
M08	14-Apr-09	MID-EBB	4.89	14-Apr-09	MID-FLOOD	5.04
M08	16-Apr-09	MID-EBB	5.71	16-Apr-09	MID-FLOOD	7.84
M08	18-Apr-09	MID-EBB	4.33	18-Apr-09	MID-FLOOD	4.06
M08	21-Apr-09	MID-EBB	4.06	21-Apr-09	MID-FLOOD	4.11
M08	23-Apr-09	MID-EBB	5.72	23-Apr-09	MID-FLOOD	9.10
M08	25-Apr-09	MID-EBB	6.52	25-Apr-09	MID-FLOOD	6.09
M08	27-Apr-09	MID-EBB	6.39	27-Apr-09	MID-FLOOD	5.30
M08	29-Apr-09	MID-EBB	6.37	29-Apr-09	MID-FLOOD	6.54
M09	02-Feb-09	MID-EBB	6.44	02-Feb-09	MID-FLOOD	5.83
M09	04-Feb-09	MID-EBB	7.09	04-Feb-09	MID-FLOOD	6.96
M09	06-Feb-09	MID-EBB	4.84	06-Feb-09	MID-FLOOD	5.09
M09	09-Feb-09	MID-EBB	6.45	09-Feb-09	MID-FLOOD	6.15
M09	11-Feb-09	MID-EBB	7.80	11-Feb-09	MID-FLOOD	7.17
M09	13-Feb-09	MID-EBB	7.87	13-Feb-09	MID-FLOOD	9.57
M09	16-Feb-09	MID-EBB	5.35	16-Feb-09	MID-FLOOD	6.56
M09	18-Feb-09	MID-EBB	3.84	18-Feb-09	MID-FLOOD	4.50
M09	20-Feb-09	MID-EBB	5.02	20-Feb-09	MID-FLOOD	4.83
M09	23-Feb-09	MID-EBB	6.28	23-Feb-09	MID-FLOOD	5.48
M09	25-Feb-09	MID-EBB	10.15	25-Feb-09	MID-FLOOD	7.85
M09	27-Feb-09	MID-EBB	7.31	27-Feb-09	MID-FLOOD	7.65
M09	2-Mar-09	MID-EBB	7.87	02-Mar-09	MID-FLOOD	6.91
M09	4-Mar-09	MID-EBB	5.45	04-Mar-09	MID-FLOOD	5.37
M09	6-Mar-09	MID-EBB	3.74	06-Mar-09	MID-FLOOD	3.69
M09	9-Mar-09	MID-EBB	6.11	09-Mar-09	MID-FLOOD	5.69
M09	11-Mar-09	MID-EBB	6.65	11-Mar-09	MID-FLOOD	7.85
M09	13-Mar-09	MID-EBB	6.28	13-Mar-09	MID-FLOOD	11.00
M09	16-Mar-09	MID-EBB	8.95	16-Mar-09	MID-FLOOD	9.78
M09	18-Mar-09	MID-EBB	4.85	18-Mar-09	MID-FLOOD	8.59
M09	20-Mar-09	MID-EBB	7.06	20-Mar-09	MID-FLOOD	7.22
M09	23-Mar-09	MID-EBB	3.95	23-Mar-09	MID-FLOOD	4.69
M09	25-Mar-09	MID-EBB	10.93	25-Mar-09	MID-FLOOD	5.74
M09	27-Mar-09	MID-EBB	5.91	27-Mar-09	MID-FLOOD	5.46
M09	30-Mar-09	MID-EBB	6.11	30-Mar-09	MID-FLOOD	6.58
M09	1-Apr-09	MID-EBB	7.44	01-Apr-09	MID-FLOOD	5.61
M09	3-Apr-09	MID-EBB	6.46	03-Apr-09	MID-FLOOD	4.84
M09	6-Apr-09	MID-EBB	6.59	06-Apr-09	MID-FLOOD	6.95
M09	8-Apr-09	MID-EBB	5.48	08-Apr-09	MID-FLOOD	10.80
M09	10-Apr-09	MID-EBB	7.00	10-Apr-09	MID-FLOOD	5.96
M09	14-Apr-09	MID-EBB	8.58	14-Apr-09	MID-FLOOD	4.82
M09	16-Apr-09	MID-EBB	6.13	16-Apr-09	MID-FLOOD	7.50
M09	18-Apr-09	MID-EBB	4.31	18-Apr-09	MID-FLOOD	4.70
M09	21-Apr-09	MID-EBB	4.30	21-Apr-09	MID-FLOOD	4.63
M09	23-Apr-09	MID-EBB	6.26	23-Apr-09	MID-FLOOD	9.93
M09	25-Apr-09	MID-EBB	5.87	25-Apr-09	MID-FLOOD	5.82
M09	27-Apr-09	MID-EBB	9.43	27-Apr-09	MID-FLOOD	8.45
M09	29-Apr-09	MID-EBB	9.37	29-Apr-09	MID-FLOOD	10.11
M10	02-Feb-09	MID-EBB	5.34	02-Feb-09	MID-FLOOD	5.56
M10	04-Feb-09	MID-EBB	6.26	04-Feb-09	MID-FLOOD	6.19
M10	06-Feb-09	MID-EBB	4.56	06-Feb-09	MID-FLOOD	4.98
M10	09-Feb-09	MID-EBB	6.94	09-Feb-09	MID-FLOOD	6.50
M10	11-Feb-09	MID-EBB	6.11	11-Feb-09	MID-FLOOD	7.74
M10	13-Feb-09	MID-EBB	7.89	13-Feb-09	MID-FLOOD	8.59
M10	16-Feb-09	MID-EBB	6.15	16-Feb-09	MID-FLOOD	6.78
M10	18-Feb-09	MID-EBB	4.69	18-Feb-09	MID-FLOOD	4.45
M10	20-Feb-09	MID-EBB	4.78	20-Feb-09	MID-FLOOD	6.15
M10	23-Feb-09	MID-EBB	6.78	23-Feb-09	MID-FLOOD	5.59
M10	25-Feb-09	MID-EBB	9.26	25-Feb-09	MID-FLOOD	6.63
M10	27-Feb-09	MID-EBB	7.52	27-Feb-09	MID-FLOOD	7.24
M10	2-Mar-09	MID-EBB	7.17	02-Mar-09	MID-FLOOD	7.17
M10	4-Mar-09	MID-EBB	6.06	04-Mar-09	MID-FLOOD	6.07
M10	6-Mar-09	MID-EBB	5.19	06-Mar-09	MID-FLOOD	4.54
M10	9-Mar-09	MID-EBB	7.20	09-Mar-09	MID-FLOOD	7.09
M10	11-Mar-09	MID-EBB	7.34	11-Mar-09	MID-FLOOD	6.82
M10	13-Mar-09	MID-EBB	6.07	13-Mar-09	MID-FLOOD	12.00
M10	16-Mar-09	MID-EBB				

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

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

M11	23-Feb-09	MID-EBB	8.67	23-Feb-09	MID-FLOOD	7.67
M11	25-Feb-09	MID-EBB	12.45	25-Feb-09	MID-FLOOD	9.28
M11	27-Feb-09	MID-EBB	14.73	27-Feb-09	MID-FLOOD	13.44
M11	2-Mar-09	MID-EBB	10.84	02-Mar-09	MID-FLOOD	9.11
M11	4-Mar-09	MID-EBB	6.00	04-Mar-09	MID-FLOOD	5.45
M11	6-Mar-09	MID-EBB	5.17	06-Mar-09	MID-FLOOD	6.11
M11	9-Mar-09	MID-EBB	9.73	09-Mar-09	MID-FLOOD	8.95
M11	11-Mar-09	MID-EBB	12.84	11-Mar-09	MID-FLOOD	8.62
M11	13-Mar-09	MID-EBB	12.95	13-Mar-09	MID-FLOOD	13.84
M11	16-Mar-09	MID-EBB	11.39	16-Mar-09	MID-FLOOD	9.06
M11	18-Mar-09	MID-EBB	9.00	18-Mar-09	MID-FLOOD	5.89
M11	20-Mar-09	MID-EBB	6.95	20-Mar-09	MID-FLOOD	8.28
M11	23-Mar-09	MID-EBB	6.33	23-Mar-09	MID-FLOOD	9.17
M11	25-Mar-09	MID-EBB	9.78	25-Mar-09	MID-FLOOD	7.33
M11	27-Mar-09	MID-EBB	10.11	27-Mar-09	MID-FLOOD	8.67
M11	30-Mar-09	MID-EBB	7.67	30-Mar-09	MID-FLOOD	7.67
M11	1-Apr-09	MID-EBB	7.45	01-Apr-09	MID-FLOOD	6.00
M11	3-Apr-09	MID-EBB	6.22	03-Apr-09	MID-FLOOD	6.11
M11	6-Apr-09	MID-EBB	5.84	06-Apr-09	MID-FLOOD	7.17
M11	8-Apr-09	MID-EBB	9.17	08-Apr-09	MID-FLOOD	9.33
M11	10-Apr-09	MID-EBB	10.95	10-Apr-09	MID-FLOOD	12.89
M11	14-Apr-09	MID-EBB	11.89	14-Apr-09	MID-FLOOD	6.45
M11	16-Apr-09	MID-EBB	8.34	16-Apr-09	MID-FLOOD	6.84
M11	18-Apr-09	MID-EBB	7.28	18-Apr-09	MID-FLOOD	6.39
M11	21-Apr-09	MID-EBB	6.11	21-Apr-09	MID-FLOOD	6.67
M11	23-Apr-09	MID-EBB	10.73	23-Apr-09	MID-FLOOD	8.56
M11	25-Apr-09	MID-EBB	9.61	25-Apr-09	MID-FLOOD	9.00
M11	27-Apr-09	MID-EBB	7.84	27-Apr-09	MID-FLOOD	9.11
M11	29-Apr-09	MID-EBB	8.78	29-Apr-09	MID-FLOOD	6.39
M12	02-Feb-09	MID-EBB	6.78	02-Feb-09	MID-FLOOD	7.22
M12	04-Feb-09	MID-EBB	7.22	04-Feb-09	MID-FLOOD	7.45
M12	06-Feb-09	MID-EBB	7.45	06-Feb-09	MID-FLOOD	7.45
M12	09-Feb-09	MID-EBB	10.28	09-Feb-09	MID-FLOOD	8.50
M12	11-Feb-09	MID-EBB	10.11	11-Feb-09	MID-FLOOD	8.78
M12	13-Feb-09	MID-EBB	8.78	13-Feb-09	MID-FLOOD	12.73
M12	16-Feb-09	MID-EBB	7.00	16-Feb-09	MID-FLOOD	5.00
M12	18-Feb-09	MID-EBB	6.44	18-Feb-09	MID-FLOOD	6.56
M12	20-Feb-09	MID-EBB	7.67	20-Feb-09	MID-FLOOD	8.11
M12	23-Feb-09	MID-EBB	15.11	23-Feb-09	MID-FLOOD	6.44
M12	25-Feb-09	MID-EBB	11.11	25-Feb-09	MID-FLOOD	10.11
M12	27-Feb-09	MID-EBB	9.00	27-Feb-09	MID-FLOOD	8.06
M12	2-Mar-09	MID-EBB	9.22	02-Mar-09	MID-FLOOD	8.17
M12	4-Mar-09	MID-EBB	6.56	04-Mar-09	MID-FLOOD	6.56
M12	6-Mar-09	MID-EBB	6.00	06-Mar-09	MID-FLOOD	4.89
M12	9-Mar-09	MID-EBB	10.73	09-Mar-09	MID-FLOOD	8.11
M12	11-Mar-09	MID-EBB	11.39	11-Mar-09	MID-FLOOD	8.56
M12	13-Mar-09	MID-EBB	10.11	13-Mar-09	MID-FLOOD	7.73
M12	16-Mar-09	MID-EBB	9.84	16-Mar-09	MID-FLOOD	7.67
M12	18-Mar-09	MID-EBB	6.17	18-Mar-09	MID-FLOOD	6.78
M12	20-Mar-09	MID-EBB	6.50	20-Mar-09	MID-FLOOD	7.89
M12	23-Mar-09	MID-EBB	7.00	23-Mar-09	MID-FLOOD	5.45
M12	25-Mar-09	MID-EBB	8.56	25-Mar-09	MID-FLOOD	8.11
M12	27-Mar-09	MID-EBB	10.73	27-Mar-09	MID-FLOOD	5.95
M12	30-Mar-09	MID-EBB	13.67	30-Mar-09	MID-FLOOD	13.17
M12	1-Apr-09	MID-EBB	8.56	01-Apr-09	MID-FLOOD	4.84
M12	3-Apr-09	MID-EBB	8.11	03-Apr-09	MID-FLOOD	5.28
M12	6-Apr-09	MID-EBB	8.78	06-Apr-09	MID-FLOOD	8.11
M12	8-Apr-09	MID-EBB	8.33	08-Apr-09	MID-FLOOD	6.56
M12	10-Apr-09	MID-EBB	9.22	10-Apr-09	MID-FLOOD	7.06
M12	14-Apr-09	MID-EBB	9.89	14-Apr-09	MID-FLOOD	5.45
M12	16-Apr-09	MID-EBB	7.22	16-Apr-09	MID-FLOOD	5.67
M12	18-Apr-09	MID-EBB	6.06	18-Apr-09	MID-FLOOD	6.33
M12	21-Apr-09	MID-EBB	8.44	21-Apr-09	MID-FLOOD	8.56
M12	23-Apr-09	MID-EBB	7.50	23-Apr-09	MID-FLOOD	11.17
M12	25-Apr-09	MID-EBB	7.95	25-Apr-09	MID-FLOOD	11.00
M12	27-Apr-09	MID-EBB	6.33	27-Apr-09	MID-FLOOD	7.67
M12	29-Apr-09	MID-EBB	6.61	29-Apr-09	MID-FLOOD	9.11

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

$$n^2 = \frac{1695.00}{\sum (X_i - \bar{X})^2} = \frac{7.8}{2.5} = 7164$$