

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	3.2	06-Feb-03	Mid-Flood	4.0	C1	1-Nov-05	MID-EBB	7.0	C1	1-Nov-05	6.6
C1	08-Feb-03	Mid-Ebb	6.0	08-Feb-03	Mid-Flood	3.7	C1	3-Nov-05	MID-EBB	5.1	C1	3-Nov-05	9.3
C1	10-Feb-03	Mid-Ebb	2.2	10-Feb-03	Mid-Flood	2.8	C1	5-Nov-05	MID-EBB	6.5	C1	5-Nov-05	7.1
C1	14-Feb-03	Mid-Ebb	4.0	14-Feb-03	Mid-Flood	6.7	C1	7-Nov-05	MID-EBB	5.9	C1	7-Nov-05	7.2
C1	18-Feb-03	Mid-Ebb	4.8	17-Feb-03	Mid-Flood	11.0	C1	9-Nov-05	MID-EBB	6.4	C1	9-Nov-05	5.9
C1	19-Feb-03	Mid-Ebb	5.5	19-Feb-03	Mid-Flood	8.7	C1	11-Nov-05	MID-EBB	6.1	C1	11-Nov-05	4.9
C1	21-Feb-03	Mid-Ebb	6.2	21-Feb-03	Mid-Flood	7.3	C1	14-Nov-05	MID-EBB	4.2	C1	14-Nov-05	8.9
C1	24-Feb-03	Mid-Ebb	6.3	24-Feb-03	Mid-Flood	4.8	C1	16-Nov-05	MID-EBB	5.4	C1	16-Nov-05	5.5
C1	28-Feb-03	Mid-Ebb	5.0	28-Feb-03	Mid-Flood	6.8	C1	18-Nov-05	MID-EBB	7.5	C1	18-Nov-05	8.6
C1	03-Mar-03	Mid-Ebb	6.8	03-Mar-03	Mid-Flood	9.8	C1	21-Nov-05	MID-EBB	4.8	C1	21-Nov-05	5.7
C1	05-Mar-03	Mid-Ebb	5.8	05-Mar-03	Mid-Flood	7.8	C1	23-Nov-05	MID-EBB	7.8	C1	23-Nov-05	6.0
C1	07-Mar-03	Mid-Ebb	7.2	07-Mar-03	Mid-Flood	8.2	C1	25-Nov-05	MID-EBB	6.1	C1	25-Nov-05	5.9
C1	10-Mar-03	Mid-Ebb	6.3	10-Mar-03	Mid-Flood	6.2	C1	28-Nov-05	MID-EBB	5.4	C1	28-Nov-05	5.4
C1	17-Mar-03	Mid-Ebb	8.7	17-Mar-03	Mid-Flood	7.0	C1	30-Nov-05	MID-EBB	4.7	C1	30-Nov-05	6.3
C1	19-Mar-03	Mid-Ebb	8.3	19-Mar-03	Mid-Flood	10.0	C1	2-Dec-05	MID-EBB	5.5	C1	2-Dec-05	6.9
C1	22-Mar-03	Mid-Ebb	8.3	22-Mar-03	Mid-Flood	10.0	C1	5-Dec-05	MID-EBB	6.3	C1	5-Dec-05	6.7
C1	24-Mar-03	Mid-Ebb	6.0	24-Mar-03	Mid-Flood	5.3	C1	7-Dec-05	MID-EBB	4.8	C1	7-Dec-05	4.8
C1	26-Mar-03	Mid-Ebb	6.0	27-Mar-03	Mid-Flood	5.0	C1	9-Dec-05	MID-EBB	5.4	C1	9-Dec-05	5.7
C1	31-Mar-03	Mid-Ebb	8.3	31-Mar-03	Mid-Flood	6.3	C1	12-Dec-05	MID-EBB	4.2	C1	12-Dec-05	4.5
C1	02-Apr-03	Mid-Ebb	6.7	02-Apr-03	Mid-Flood	6.3	C1	14-Dec-05	MID-EBB	5.2	C1	14-Dec-05	4.4
C1	04-Apr-03	Mid-Ebb	7.3	04-Apr-03	Mid-Flood	6.7	C1	16-Dec-05	MID-EBB	5.0	C1	16-Dec-05	4.5
C1	07-Apr-03	Mid-Ebb	5.0	07-Apr-03	Mid-Flood	6.0	C1	19-Dec-05	MID-EBB	5.6	C1	19-Dec-05	3.4
C1	09-Apr-03	Mid-Ebb	5.3	09-Apr-03	Mid-Flood	5.7	C1	21-Dec-05	MID-EBB	6.6	C1	21-Dec-05	4.8
C1	14-Apr-03	Mid-Ebb	5.3	14-Apr-03	Mid-Flood	5.0	C1	23-Dec-05	MID-EBB	4.4	C1	23-Dec-05	3.7
C1	16-Apr-03	Mid-Ebb	7.3	16-Apr-03	Mid-Flood	6.3	C1	26-Dec-05	MID-EBB	4.4	C1	26-Dec-05	3.5
C2	06-Feb-03	Mid-Ebb	3.0	06-Feb-03	Mid-Flood	3.3	C1	28-Dec-05	MID-EBB	5.8	C1	28-Dec-05	5.0
C2	08-Feb-03	Mid-Ebb	4.8	08-Feb-03	Mid-Flood	2.7	C1	30-Dec-05	MID-EBB	4.9	C1	30-Dec-05	4.9
C2	10-Feb-03	Mid-Ebb	1.7	10-Feb-03	Mid-Flood	3.2	C1	3-Jan-06	MID-EBB	4.2	C1	3-Jan-06	5.9
C2	14-Feb-03	Mid-Ebb	3.8	14-Feb-03	Mid-Flood	4.2	C1	5-Jan-06	MID-EBB	4.5	C1	5-Jan-06	5.7
C2	18-Feb-03	Mid-Ebb	4.7	17-Feb-03	Mid-Flood	4.7	C1	7-Jan-06	MID-EBB	3.7	C1	7-Jan-06	3.9
C2	19-Feb-03	Mid-Ebb	5.2	19-Feb-03	Mid-Flood	5.7	C1	9-Jan-06	MID-EBB	3.7	C1	9-Jan-06	3.2
C2	21-Feb-03	Mid-Ebb	5.7	21-Feb-03	Mid-Flood	5.7	C1	11-Jan-06	MID-EBB	4.4	C1	11-Jan-06	4.1
C2	24-Feb-03	Mid-Ebb	7.7	24-Feb-03	Mid-Flood	4.3	C1	13-Jan-06	MID-EBB	4.7	C1	13-Jan-06	4.5
C2	28-Feb-03	Mid-Ebb	4.7	28-Feb-03	Mid-Flood	7.0	C1	16-Jan-06	MID-EBB	4.7	C1	16-Jan-06	5.1
C2	03-Mar-03	Mid-Ebb	7.0	03-Mar-03	Mid-Flood	8.2	C1	18-Jan-06	MID-EBB	4.5	C1	18-Jan-06	5.0
C2	05-Mar-03	Mid-Ebb	5.2	05-Mar-03	Mid-Flood	8.0	C1	20-Jan-06	MID-EBB	3.7	C1	20-Jan-06	3.7
C2	07-Mar-03	Mid-Ebb	7.2	07-Mar-03	Mid-Flood	8.5	C1	23-Jan-06	MID-EBB	3.6	C1	23-Jan-06	3.5
C2	10-Mar-03	Mid-Ebb	6.0	10-Mar-03	Mid-Flood	7.2	C1	25-Jan-06	MID-EBB	4.6	C1	25-Jan-06	3.6
C2	17-Mar-03	Mid-Ebb	6.0	17-Mar-03	Mid-Flood	6.7	C1	27-Jan-06	MID-EBB	4.0	C1	27-Jan-06	3.5
C2	19-Mar-03	Mid-Ebb	8.7	19-Mar-03	Mid-Flood	7.7	C2	1-Nov-05	MID-EBB	6.6	C2	1-Nov-05	6.9
C2	22-Mar-03	Mid-Ebb	6.3	22-Mar-03	Mid-Flood	6.7	C2	3-Nov-05	MID-EBB	5.4	C2	3-Nov-05	8.8
C2	24-Mar-03	Mid-Ebb	4.0	24-Mar-03	Mid-Flood	4.0	C2	5-Nov-05	MID-EBB	5.4	C2	5-Nov-05	7.3
C2	26-Mar-03	Mid-Ebb	8.3	27-Mar-03	Mid-Flood	5.7	C2	7-Nov-05	MID-EBB	6.5	C2	7-Nov-05	6.3
C2	31-Mar-03	Mid-Ebb	7.0	31-Mar-03	Mid-Flood	7.3	C2	9-Nov-05	MID-EBB	7.0	C2	9-Nov-05	5.5
C2	02-Apr-03	Mid-Ebb	7.0	02-Apr-03	Mid-Flood	5.3	C2	11-Nov-05	MID-EBB	5.3	C2	11-Nov-05	5.1
C2	04-Apr-03	Mid-Ebb	5.7	04-Apr-03	Mid-Flood	7.0	C2	14-Nov-05	MID-EBB	5.8	C2	14-Nov-05	9.0
C2	07-Apr-03	Mid-Ebb	4.3	07-Apr-03	Mid-Flood	5.7	C2	16-Nov-05	MID-EBB	5.9	C2	16-Nov-05	6.1
C2	09-Apr-03	Mid-Ebb	5.7	09-Apr-03	Mid-Flood	4.7	C2	18-Nov-05	MID-EBB	5.7	C2	18-Nov-05	8.7
C2	14-Apr-03	Mid-Ebb	4.0	14-Apr-03	Mid-Flood	5.0	C2	21-Nov-05	MID-EBB	6.1	C2	21-Nov-05	5.0
C2	16-Apr-03	Mid-Ebb	7.0	16-Apr-03	Mid-Flood	6.8	C2	23-Nov-05	MID-EBB	6.5	C2	23-Nov-05	6.0
M01	06-Feb-03	Mid-Ebb	6.5	08-Feb-03	Mid-Flood	6.7	C2	25-Nov-05	MID-EBB	5.6	C2	25-Nov-05	5.7
M01	14-Feb-03	Mid-Ebb	8.0	17-Feb-03	Mid-Flood	7.7	C2	28-Nov-05	MID-EBB	4.8	C2	28-Nov-05	6.5
M01	21-Feb-03	Mid-Ebb	9.2	24-Feb-03	Mid-Flood	6.3	C2	30-Nov-05	MID-EBB	5.5	C2	30-Nov-05	4.6
M01	03-Mar-03	Mid-Ebb	9.0	05-Mar-03	Mid-Flood	8.0	C2	2-Dec-05	MID-EBB	5.8	C2	2-Dec-05	4.4
M01	10-Mar-03	Mid-Ebb	12.5	17-Mar-03	Mid-Flood	10.0	C2	5-Dec-05	MID-EBB	4.9	C2	5-Dec-05	5.8
M01	22-Mar-03	Mid-Ebb	7.8	24-Mar-03	Mid-Flood	8.3	C2	7-Dec-05	MID-EBB	4.6	C2	7-Dec-05	4.8
M01	31-Mar-03	Mid-Ebb	7.5	02-Apr-03	Mid-Flood	7.0	C2	9-Dec-05	MID-EBB	4.6	C2	9-Dec-05	4.9
M01	07-Apr-03	Mid-Ebb	8.5	09-Apr-03	Mid-Flood	8.5	C2	12-Dec-05	MID-EBB	4.4	C2	12-Dec-05	4.4
M01	16-Apr-03	Mid-Ebb	8.2	06-Feb-03	Mid-Flood	16.5	C2	14-Dec-05	MID-EBB	4.7	C2	14-Dec-05	4.6
M02	10-Feb-03	Mid-Ebb	16.0	14-Feb-03	Mid-Flood	9.5	C2	16-Dec-05	MID-EBB	4.8	C2	16-Dec-05	4.5
M02	19-Feb-03	Mid-Ebb	15.5	21-Feb-03	Mid-Flood	12.2	C2	19-Dec-05	MID-EBB	5.2	C2	19-Dec-05	3.3
M02	28-Feb-03	Mid-Ebb	12.2	03-Mar-03	Mid-Flood	11.8	C2	21-Dec-05	MID-EBB	3.9	C2	21-Dec-05	4.8
M02	07-Mar-03	Mid-Ebb	16.3	10-Mar-03	Mid-Flood	17.8	C2	23-Dec-05	MID-EBB	4.6	C2	23-Dec-05	3.6
M02	19-Mar-03	Mid-Ebb	11.8	22-Mar-03	Mid-Flood	10.2	C2	26-Dec-05	MID-EBB	4.2	C2	26-Dec-05	3.8
M02	26-Mar-03	Mid-Ebb	10.3	31-Mar-03	Mid-Flood	12.0	C2	28-Dec-05	MID-EBB	4.7	C2	28-Dec-05	5.2
M02	04-Apr-03	Mid-Ebb	9.8	07-Apr-03	Mid-Flood	9.3	C2	30-Dec-05	MID-EBB	4.9	C2	30-Dec-05	4.3
M02	14-Apr-03	Mid-Ebb	8.0	16-Apr-03	Mid-Flood	9.7	C2	3-Jan-06	MID-EBB	5.3	C2	3-Jan-06	6.7
M03	08-Feb-03	Mid-Ebb	7.3	10-Feb-03	Mid-Flood	6.7	C2	5-Jan-06	MID-EBB	4.1	C2	5-Jan-06	5.3
M03	18-Feb-03	Mid-Ebb	9.7	19-Feb-03	Mid-Flood	7.7	C2	7-Jan-06	MID-EBB	3.6	C2	7-Jan-06	5.6
M03	24-Feb-03	Mid-Ebb	8.8	28-Feb-03	Mid-Flood	10.0	C2	9-Jan-06	MID-EBB	3.2	C2	9-Jan-06	3.2
M03	05-Mar-03	Mid-Ebb	9.3	07-Mar-03	Mid-Flood	10.3	C2	11-Jan-06	MID-EBB	4.4	C2	11-Jan-06	4.2
M03	17-Mar-03	Mid-Ebb	8.2	19-Mar-03	Mid-Flood	10.2	C2	13-Jan-06	MID-EBB	4.2	C2	13-Jan-06	4.9
M03	24-Mar-03	Mid-Ebb	8.8	27-Mar-03	Mid-Flood	28.2	C2	16-Jan-06	MID-EBB	6.8	C2	16-Jan-06	5.4
M03	02-Apr-03	Mid-Ebb	7.7	04-Apr-03	Mid-Flood	7.3	C2	18-Jan-06	MID-EBB	4.5	C2	18-Jan-06	5.6
M03	09-Apr-03	Mid-Ebb	8.3	14-Apr-03	Mid-Flood	10.8	C2	20-Jan-06	MID-EBB	4.0	C2	20-Jan-06	4.3
M04	06-Feb-03	Mid-Ebb	5.5	08-Feb-03	Mid-Flood	6.7	C2	23-Jan-06	MID-EBB	3.8	C2	23-Jan-06	3.7
M04	14-Feb-03	Mid-Ebb	10.0	17-Feb-03	Mid-Flood	8.5	C2	25-Jan-06	MID-EBB	3.6	C2	25-Jan-06	3.5
M04	21-Feb-03	Mid-Ebb	7.3	24-Feb-03	Mid-Flood	7.0	C2	27-Jan-06	MID-EBB	3.8	C2	27-Jan-06	3.7
M04	03-Mar-03	Mid-Ebb	8.3	05-Mar-03	Mid-Flood	9.5	M01	1-Nov-05	MID-EBB	7.2	M01	1-Nov-05	8.3
M04	10-Mar-03	Mid-Ebb	8.8	17-Mar-03	Mid-Flood	9.0	M01	3-Nov-05	MID-EBB	6.2	M01	3-Nov-05	6.4
M04	22-Mar-03	Mid-Ebb	7.0	24-Mar-03	Mid-Flood	8.0	M01	5-Nov-05	MID-EBB	8.1	M01	5-Nov-05	11.3
M04	31-Mar-03	Mid-Ebb	9.0	02-Apr-03	Mid-Flood	7.8	M01	7-Nov-05	MID-EBB	8.2	M01	7-Nov-05	9.6
M04	07-Apr-03	Mid-Ebb	7.5	09-Apr-03	Mid-Flood	7.8	M01	9-Nov-05	MID-EBB	7.7	M01	9-Nov-05	6.4
M04	16-Apr-03	Mid-Ebb	6.0	06-Feb-03	Mid-Flood	6.0	M01	11-Nov-05	MID-EBB	5.6	M01	11-Nov-05	5.3
M05	10-Feb-03	Mid-Ebb	7.7	14-Feb-03	Mid-Flood	6.8	M01	14-Nov-05	MID-EBB	9.2	M01	14-Nov-05	6.1
M05	19-Feb-03	Mid-Ebb	7.8	21-Feb-03	Mid-Flood	6.3	M01	16-Nov-05	MID-EBB	8.1	M01	16-Nov-05	11.0
M05	28-Feb-03	Mid-Ebb	7.3	03-Mar-03	Mid-Flood	9.2	M01	18-Nov-05	MID-EBB	8.7	M01	18-Nov-05	9.9
M05	07-Mar-03	Mid-Ebb	8.3	10-Mar-03	Mid-Flood	13.8	M01	21-Nov-05	MID-EBB	7.7	M01	21-Nov-05	6.0
M05	19-Mar-03	Mid-Ebb	7.2	22-Mar-03	Mid-Flood	7.7	M01	23-Nov-05	MID-EBB	9.1	M01	23-Nov-05	6.3
M05	26-Mar-03	Mid-Ebb	6.7	31-Mar-03	Mid-Flood	6.5	M01	25-Nov-05	MID-EBB	4.7	M01	25-Nov-05	6.6
M05	04-Apr-03	Mid-Ebb	7.5	07-Apr-03	Mid-Flood	5.8	M01	28-Nov-05	MID-EBB	5.6	M01	28-Nov-05	5.8
M05	14-Apr-03	Mid-Ebb	7.0	16-Apr-03	Mid-Flood	6.3	M01	30-Nov-05	MID-EBB	5.4	M01	30-Nov-05	5.8
M06	08-Feb-03	Mid-Ebb	5.2	10-Feb-03	Mid-Flood	7.7	M01	2-Dec-05	MID-EBB	6.5	M01	2-Dec-05	5.7
M06	18-Feb-03	Mid-Ebb	9.3	19-Feb-03	Mid-Flood	9.5	M01	5-Dec-05	MID-EBB	7.2	M01	5-Dec-05	6.1

Baseline Results (DA)							Impact Monitoring Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS	STN	DATE	TIDE	SS	DATE	TIDE	SS
M06	24-Feb-03	Mid-Ebb	7.3	28-Feb-03	Mid-Flood	8.7	M01	7-Dec-05	MID-EBB	3.9	M01	7-Dec-05	7.0
M06	05-Mar-03	Mid-Ebb	9.7	07-Mar-03	Mid-Flood	10.0	M01	9-Dec-05	MID-EBB	4.3	M01	9-Dec-05	4.6
M06	17-Mar-03	Mid-Ebb	7.0	19-Mar-03	Mid-Flood	9.7	M01	12-Dec-05	MID-EBB	5.3	M01	12-Dec-05	7.1
M06	24-Mar-03	Mid-Ebb	6.2	27-Mar-03	Mid-Flood	7.0	M01	14-Dec-05	MID-EBB	5.3	M01	14-Dec-05	6.6
M06	02-Apr-03	Mid-Ebb	7.2	04-Apr-03	Mid-Flood	6.5	M01	16-Dec-05	MID-EBB	7.2	M01	16-Dec-05	6.3
M06	09-Apr-03	Mid-Ebb	8.0	14-Apr-03	Mid-Flood	9.7	M01	19-Dec-05	MID-EBB	5.1	M01	19-Dec-05	3.4
M07	06-Feb-03	Mid-Ebb	4.0	06-Feb-03	Mid-Flood	5.0	M01	21-Dec-05	MID-EBB	7.1	M01	21-Dec-05	6.7
M07	08-Feb-03	Mid-Ebb	4.0	08-Feb-03	Mid-Flood	5.0	M01	23-Dec-05	MID-EBB	4.3	M01	23-Dec-05	4.2
M07	10-Feb-03	Mid-Ebb	5.0	10-Feb-03	Mid-Flood	4.2	M01	26-Dec-05	MID-EBB	3.8	M01	26-Dec-05	3.4
M07	14-Feb-03	Mid-Ebb	5.0	14-Feb-03	Mid-Flood	4.5	M01	28-Dec-05	MID-EBB	6.1	M01	28-Dec-05	7.0
M07	18-Feb-03	Mid-Ebb	5.0	17-Feb-03	Mid-Flood	6.5	M01	30-Dec-05	MID-EBB	5.7	M01	30-Dec-05	5.6
M07	19-Feb-03	Mid-Ebb	8.5	19-Feb-03	Mid-Flood	7.8	M01	3-Jan-06	MID-EBB	5.3	M01	3-Jan-06	8.1
M07	21-Feb-03	Mid-Ebb	7.3	21-Feb-03	Mid-Flood	7.2	M01	5-Jan-06	MID-EBB	5.4	M01	5-Jan-06	5.1
M07	24-Feb-03	Mid-Ebb	5.2	24-Feb-03	Mid-Flood	5.8	M01	7-Jan-06	MID-EBB	5.6	M01	7-Jan-06	4.4
M07	28-Feb-03	Mid-Ebb	6.0	28-Feb-03	Mid-Flood	7.2	M01	9-Jan-06	MID-EBB	4.3	M01	9-Jan-06	4.5
M07	03-Mar-03	Mid-Ebb	7.7	03-Mar-03	Mid-Flood	7.3	M01	11-Jan-06	MID-EBB	5.2	M01	11-Jan-06	5.3
M07	05-Mar-03	Mid-Ebb	5.5	05-Mar-03	Mid-Flood	7.3	M01	13-Jan-06	MID-EBB	7.0	M01	13-Jan-06	4.4
M07	07-Mar-03	Mid-Ebb	6.8	07-Mar-03	Mid-Flood	7.7	M01	16-Jan-06	MID-EBB	5.9	M01	16-Jan-06	5.3
M07	10-Mar-03	Mid-Ebb	5.8	10-Mar-03	Mid-Flood	6.8	M01	18-Jan-06	MID-EBB	5.6	M01	18-Jan-06	7.6
M07	17-Mar-03	Mid-Ebb	8.0	17-Mar-03	Mid-Flood	7.3	M01	20-Jan-06	MID-EBB	9.2	M01	20-Jan-06	7.0
M07	19-Mar-03	Mid-Ebb	11.0	19-Mar-03	Mid-Flood	8.7	M01	23-Jan-06	MID-EBB	3.8	M01	23-Jan-06	6.4
M07	22-Mar-03	Mid-Ebb	7.7	22-Mar-03	Mid-Flood	9.3	M01	25-Jan-06	MID-EBB	4.6	M01	25-Jan-06	3.7
M07	24-Mar-03	Mid-Ebb	9.7	24-Mar-03	Mid-Flood	7.0	M01	27-Jan-06	MID-EBB	4.8	M01	27-Jan-06	4.7
M07	26-Mar-03	Mid-Ebb	7.7	27-Mar-03	Mid-Flood	6.0	M02	1-Nov-05	MID-EBB	11.1	M02	1-Nov-05	7.4
M07	31-Mar-03	Mid-Ebb	7.0	31-Mar-03	Mid-Flood	6.3	M02	3-Nov-05	MID-EBB	10.3	M02	3-Nov-05	14.3
M07	02-Apr-03	Mid-Ebb	6.7	02-Apr-03	Mid-Flood	5.3	M02	5-Nov-05	MID-EBB	9.2	M02	5-Nov-05	8.7
M07	04-Apr-03	Mid-Ebb	6.0	04-Apr-03	Mid-Flood	5.7	M02	7-Nov-05	MID-EBB	16.1	M02	7-Nov-05	12.2
M07	07-Apr-03	Mid-Ebb	7.0	07-Apr-03	Mid-Flood	5.3	M02	9-Nov-05	MID-EBB	14.9	M02	9-Nov-05	13.0
M07	09-Apr-03	Mid-Ebb	5.7	09-Apr-03	Mid-Flood	6.3	M02	11-Nov-05	MID-EBB	8.6	M02	11-Nov-05	7.7
M07	14-Apr-03	Mid-Ebb	5.0	14-Apr-03	Mid-Flood	8.7	M02	14-Nov-05	MID-EBB	8.9	M02	14-Nov-05	8.0
M07	16-Apr-03	Mid-Ebb	7.0	16-Apr-03	Mid-Flood	7.8	M02	16-Nov-05	MID-EBB	11.8	M02	16-Nov-05	14.1
M08	06-Feb-03	Mid-Ebb	4.0	06-Feb-03	Mid-Flood	5.2	M02	18-Nov-05	MID-EBB	9.4	M02	18-Nov-05	15.8
M08	08-Feb-03	Mid-Ebb	5.0	08-Feb-03	Mid-Flood	4.8	M02	21-Nov-05	MID-EBB	11.6	M02	21-Nov-05	9.4
M08	10-Feb-03	Mid-Ebb	4.5	10-Feb-03	Mid-Flood	4.3	M02	23-Nov-05	MID-EBB	13.4	M02	23-Nov-05	11.0
M08	14-Feb-03	Mid-Ebb	5.3	14-Feb-03	Mid-Flood	4.3	M02	25-Nov-05	MID-EBB	8.6	M02	25-Nov-05	7.7
M08	18-Feb-03	Mid-Ebb	5.5	17-Feb-03	Mid-Flood	7.5	M02	28-Nov-05	MID-EBB	8.3	M02	28-Nov-05	24.8
M08	19-Feb-03	Mid-Ebb	7.3	19-Feb-03	Mid-Flood	10.0	M02	30-Nov-05	MID-EBB	9.1	M02	30-Nov-05	9.1
M08	21-Feb-03	Mid-Ebb	7.7	21-Feb-03	Mid-Flood	6.3	M02	2-Dec-05	MID-EBB	8.1	M02	2-Dec-05	7.7
M08	24-Feb-03	Mid-Ebb	6.0	24-Feb-03	Mid-Flood	4.3	M02	5-Dec-05	MID-EBB	7.5	M02	5-Dec-05	7.1
M08	28-Feb-03	Mid-Ebb	4.7	28-Feb-03	Mid-Flood	6.7	M02	7-Dec-05	MID-EBB	14.4	M02	7-Dec-05	8.5
M08	03-Mar-03	Mid-Ebb	6.8	03-Mar-03	Mid-Flood	8.3	M02	9-Dec-05	MID-EBB	7.9	M02	9-Dec-05	9.7
M08	05-Mar-03	Mid-Ebb	5.5	05-Mar-03	Mid-Flood	7.0	M02	12-Dec-05	MID-EBB	7.4	M02	12-Dec-05	7.9
M08	07-Mar-03	Mid-Ebb	6.7	07-Mar-03	Mid-Flood	7.3	M02	14-Dec-05	MID-EBB	6.8	M02	14-Dec-05	6.9
M08	10-Mar-03	Mid-Ebb	8.8	10-Mar-03	Mid-Flood	6.2	M02	16-Dec-05	MID-EBB	7.0	M02	16-Dec-05	6.2
M08	17-Mar-03	Mid-Ebb	7.7	17-Mar-03	Mid-Flood	8.7	M02	19-Dec-05	MID-EBB	6.4	M02	19-Dec-05	3.6
M08	19-Mar-03	Mid-Ebb	10.0	19-Mar-03	Mid-Flood	9.3	M02	21-Dec-05	MID-EBB	7.4	M02	21-Dec-05	6.3
M08	22-Mar-03	Mid-Ebb	7.3	22-Mar-03	Mid-Flood	10.0	M02	23-Dec-05	MID-EBB	5.2	M02	23-Dec-05	5.2
M08	24-Mar-03	Mid-Ebb	6.0	24-Mar-03	Mid-Flood	7.3	M02	26-Dec-05	MID-EBB	4.3	M02	26-Dec-05	4.3
M08	26-Mar-03	Mid-Ebb	6.0	27-Mar-03	Mid-Flood	5.3	M02	28-Dec-05	MID-EBB	6.1	M02	28-Dec-05	7.2
M08	31-Mar-03	Mid-Ebb	7.0	31-Mar-03	Mid-Flood	5.3	M02	30-Dec-05	MID-EBB	6.7	M02	30-Dec-05	5.6
M08	02-Apr-03	Mid-Ebb	7.0	02-Apr-03	Mid-Flood	5.7	M02	3-Jan-06	MID-EBB	5.1	M02	3-Jan-06	5.5
M08	04-Apr-03	Mid-Ebb	7.0	04-Apr-03	Mid-Flood	5.7	M02	5-Jan-06	MID-EBB	5.6	M02	5-Jan-06	6.3
M08	07-Apr-03	Mid-Ebb	6.7	07-Apr-03	Mid-Flood	5.0	M02	7-Jan-06	MID-EBB	4.8	M02	7-Jan-06	4.4
M08	09-Apr-03	Mid-Ebb	5.0	09-Apr-03	Mid-Flood	5.0	M02	9-Jan-06	MID-EBB	4.8	M02	9-Jan-06	5.9
M08	14-Apr-03	Mid-Ebb	6.3	14-Apr-03	Mid-Flood	5.7	M02	11-Jan-06	MID-EBB	6.7	M02	11-Jan-06	5.7
M08	16-Apr-03	Mid-Ebb	6.7	16-Apr-03	Mid-Flood	7.5	M02	13-Jan-06	MID-EBB	9.0	M02	13-Jan-06	5.7
M09	06-Feb-03	Mid-Ebb	5.7	06-Feb-03	Mid-Flood	5.0	M02	16-Jan-06	MID-EBB	5.8	M02	16-Jan-06	5.8
M09	08-Feb-03	Mid-Ebb	5.5	08-Feb-03	Mid-Flood	4.7	M02	18-Jan-06	MID-EBB	8.7	M02	18-Jan-06	7.1
M09	10-Feb-03	Mid-Ebb	4.8	10-Feb-03	Mid-Flood	4.0	M02	20-Jan-06	MID-EBB	7.0	M02	20-Jan-06	6.4
M09	14-Feb-03	Mid-Ebb	5.2	14-Feb-03	Mid-Flood	4.7	M02	23-Jan-06	MID-EBB	6.4	M02	23-Jan-06	5.9
M09	18-Feb-03	Mid-Ebb	6.0	17-Feb-03	Mid-Flood	6.3	M02	25-Jan-06	MID-EBB	7.0	M02	25-Jan-06	6.3
M09	19-Feb-03	Mid-Ebb	6.3	19-Feb-03	Mid-Flood	7.0	M02	27-Jan-06	MID-EBB	5.7	M02	27-Jan-06	4.4
M09	21-Feb-03	Mid-Ebb	7.0	21-Feb-03	Mid-Flood	7.2	M03	1-Nov-05	MID-EBB	11.9	M03	1-Nov-05	8.3
M09	24-Feb-03	Mid-Ebb	7.3	24-Feb-03	Mid-Flood	6.5	M03	3-Nov-05	MID-EBB	6.8	M03	3-Nov-05	14.4
M09	28-Feb-03	Mid-Ebb	5.8	28-Feb-03	Mid-Flood	7.3	M03	5-Nov-05	MID-EBB	6.7	M03	5-Nov-05	12.0
M09	03-Mar-03	Mid-Ebb	6.7	03-Mar-03	Mid-Flood	7.3	M03	7-Nov-05	MID-EBB	17.8	M03	7-Nov-05	8.0
M09	05-Mar-03	Mid-Ebb	5.8	05-Mar-03	Mid-Flood	6.2	M03	9-Nov-05	MID-EBB	11.3	M03	9-Nov-05	8.8
M09	07-Mar-03	Mid-Ebb	6.7	07-Mar-03	Mid-Flood	7.7	M03	11-Nov-05	MID-EBB	7.6	M03	11-Nov-05	6.2
M09	10-Mar-03	Mid-Ebb	6.5	10-Mar-03	Mid-Flood	6.5	M03	14-Nov-05	MID-EBB	6.6	M03	14-Nov-05	7.4
M09	17-Mar-03	Mid-Ebb	9.7	17-Mar-03	Mid-Flood	8.3	M03	16-Nov-05	MID-EBB	7.2	M03	16-Nov-05	8.8
M09	19-Mar-03	Mid-Ebb	9.7	19-Mar-03	Mid-Flood	9.3	M03	18-Nov-05	MID-EBB	11.3	M03	18-Nov-05	13.1
M09	22-Mar-03	Mid-Ebb	7.7	22-Mar-03	Mid-Flood	9.0	M03	21-Nov-05	MID-EBB	9.8	M03	21-Nov-05	7.4
M09	24-Mar-03	Mid-Ebb	10.0	24-Mar-03	Mid-Flood	7.0	M03	23-Nov-05	MID-EBB	9.9	M03	23-Nov-05	7.7
M09	26-Mar-03	Mid-Ebb	10.7	27-Mar-03	Mid-Flood	5.7	M03	25-Nov-05	MID-EBB	14.5	M03	25-Nov-05	8.3
M09	31-Mar-03	Mid-Ebb	7.0	31-Mar-03	Mid-Flood	7.0	M03	28-Nov-05	MID-EBB	7.6	M03	28-Nov-05	10.2
M09	02-Apr-03	Mid-Ebb	6.7	02-Apr-03	Mid-Flood	5.3	M03	30-Nov-05	MID-EBB	7.6	M03	30-Nov-05	6.6
M09	04-Apr-03	Mid-Ebb	6.7	04-Apr-03	Mid-Flood	4.7	M03	2-Dec-05	MID-EBB	6.2	M03	2-Dec-05	5.8
M09	07-Apr-03	Mid-Ebb	7.3	07-Apr-03	Mid-Flood	5.3	M03	5-Dec-05	MID-EBB	7.6	M03	5-Dec-05	6.8
M09	09-Apr-03	Mid-Ebb	6.0	09-Apr-03	Mid-Flood	4.3	M03	7-Dec-05	MID-EBB	7.2	M03	7-Dec-05	10.4
M09	14-Apr-03	Mid-Ebb	5.0	14-Apr-03	Mid-Flood	5.7	M03	9-Dec-05	MID-EBB	8.2	M03	9-Dec-05	6.6
M09	16-Apr-03	Mid-Ebb	7.3	16-Apr-03	Mid-Flood	7.0	M03	12-Dec-05	MID-EBB	6.2	M03	12-Dec-05	7.2
M10	06-Feb-03	Mid-Ebb	3.0	06-Feb-03	Mid-Flood	5.0	M03	14-Dec-05	MID-EBB	5.3	M03	14-Dec-05	5.5
M10	08-Feb-03	Mid-Ebb	6.3	08-Feb-03	Mid-Flood	5.0	M03	16-Dec-05	MID-EBB	6.0	M03	16-Dec-05	5.2
M10	10-Feb-03	Mid-Ebb	4.7	10-Feb-03	Mid-Flood	3.8	M03	19-Dec-05	MID-EBB	5.3	M03	19-Dec-05	5.4
M10	14-Feb-03	Mid-Ebb	5.3	14-Feb-03	Mid-Flood	5.5	M03	21-Dec-05	MID-EBB	7.6	M03	21-Dec-05	7.8
M10	18-Feb-03	Mid-Ebb	6.0	17-Feb-03	Mid-Flood	7.7	M03	23-Dec-05	MID-EBB	4.8	M03	23-Dec-05	4.3
M10	19-Feb-03	Mid-Ebb	5.8	19-Feb-03	Mid-Flood	8.2	M03	26-Dec-05	MID-EBB	4.8	M03	26-Dec-05	3.4
M10	21-Feb-03	Mid-Ebb	7.8	21-Feb-03	Mid-Flood	6.3	M03	28-Dec-05	MID-EBB	5.4	M03	28-Dec-05	7.4
M10	24-Feb-03	Mid-Ebb	6.3	24-Feb-03	Mid-Flood	5.3	M03	30-Dec-05	MID-EBB	5.1	M03	30-Dec-05	7.1
M10	28-Feb-03	Mid-Ebb	4.2	28-Feb-03	Mid-Flood	7.0	M03	3-Jan-06	MID-EBB	4.4	M03	3-Jan-06	6.6
M10	03-Mar-03	Mid-Ebb	7.3	03-Mar-03	Mid-Flood	8.8	M03	5-Jan-06	MID-EBB	4.7	M03	5-Jan-06	20.2
M10	05-Mar-03	Mid-Ebb	6.0	05-Mar-03	Mid-Flood	6.0	M03	7-Jan-06	MID-EBB	4.5	M03	7-Jan-06	4.2
M10	07-Mar-03	Mid-Ebb	7.8	07-Mar-03	Mid-Flood	7.8	M03	9-Jan-06	MID-EBB	4.2	M03	9-Jan-06	5.2
M10	10-Mar-03	Mid-Ebb	6.3	10-Mar-03	Mid-Flood	6.8	M03	11-Jan-06	MID-EBB	4.4	M03	11-Jan-06	5.2
M10	17-Mar-03	Mid-Ebb	8.0	17-Mar-03	Mid-Flood	7.3	M03	13-Jan-06	MID-EBB	6.7	M03	13-Jan-06	4.3
M10	19-Mar-03	Mid-Ebb	9.7	19-Mar-03	Mid-Flood	9.7	M03	16-Jan-06	MID-EBB	4.2	M03	16-Jan-06	6.1
M10	22-Mar-03	Mid-Ebb	7.3										

Baseline Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS
M10	26-Mar-03	Mid-Ebb	7.3	27-Mar-03	Mid-Flood	5.3
M10	31-Mar-03	Mid-Ebb	8.0	31-Mar-03	Mid-Flood	6.0
M10	02-Apr-03	Mid-Ebb	7.0	02-Apr-03	Mid-Flood	6.3
M10	04-Apr-03	Mid-Ebb	7.3	04-Apr-03	Mid-Flood	7.7
M10	07-Apr-03	Mid-Ebb	7.3	07-Apr-03	Mid-Flood	6.0
M10	09-Apr-03	Mid-Ebb	5.3	09-Apr-03	Mid-Flood	6.7
M10	14-Apr-03	Mid-Ebb	6.3	14-Apr-03	Mid-Flood	8.0
M10	16-Apr-03	Mid-Ebb	8.0	16-Apr-03	Mid-Flood	5.7
M11	06-Feb-03	Mid-Ebb	5.7	08-Feb-03	Mid-Flood	5.7
M11	14-Feb-03	Mid-Ebb	7.5	17-Feb-03	Mid-Flood	8.3
M11	21-Feb-03	Mid-Ebb	8.7	24-Feb-03	Mid-Flood	7.7
M11	03-Mar-03	Mid-Ebb	8.8	05-Mar-03	Mid-Flood	8.5
M11	10-Mar-03	Mid-Ebb	10.0	17-Mar-03	Mid-Flood	11.3
M11	22-Mar-03	Mid-Ebb	9.5	24-Mar-03	Mid-Flood	7.0
M11	31-Mar-03	Mid-Ebb	8.7	02-Apr-03	Mid-Flood	7.5
M11	07-Apr-03	Mid-Ebb	7.5	09-Apr-03	Mid-Flood	7.8
M11	16-Apr-03	Mid-Ebb	6.8	06-Feb-03	Mid-Flood	5.3
M12	10-Feb-03	Mid-Ebb	7.0	14-Feb-03	Mid-Flood	6.7
M12	19-Feb-03	Mid-Ebb	9.3	21-Feb-03	Mid-Flood	9.3
M12	28-Feb-03	Mid-Ebb	9.3	03-Mar-03	Mid-Flood	9.8
M12	07-Mar-03	Mid-Ebb	8.7	10-Mar-03	Mid-Flood	9.3
M12	19-Mar-03	Mid-Ebb	9.5	22-Mar-03	Mid-Flood	8.0
M12	26-Mar-03	Mid-Ebb	8.0	31-Mar-03	Mid-Flood	8.7
M12	04-Apr-03	Mid-Ebb	8.0	07-Apr-03	Mid-Flood	9.8
M12	14-Apr-03	Mid-Ebb	7.7	16-Apr-03	Mid-Flood	3.2

$$n_1 = 434$$

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

$$\sigma_s = 2.3$$

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

By applying the equation:

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

& testing

$$H_0 : \mu = \mu_0$$

$$Z_{0.05} = -1.645$$

$$\bar{X} - \mu_0 = -3.21$$

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

Thus,

$$z = -43.99$$

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
M03	23-Jan-06	MID-EBB	4.9	M03	23-Jan-06	5.7
M03	25-Jan-06	MID-EBB	5.1	M03	25-Jan-06	6.0
M03	27-Jan-06	MID-EBB	4.9	M03	27-Jan-06	4.9
M04A	1-Nov-05	MID-EBB	7.4	M04A	1-Nov-05	7.6
M04A	3-Nov-05	MID-EBB	5.9	M04A	3-Nov-05	14.5
M04A	5-Nov-05	MID-EBB	7.5	M04A	5-Nov-05	7.4
M04A	7-Nov-05	MID-EBB	13.2	M04A	7-Nov-05	6.6
M04A	9-Nov-05	MID-EBB	6.7	M04A	9-Nov-05	7.2
M04A	11-Nov-05	MID-EBB	9.8	M04A	11-Nov-05	4.9
M04A	14-Nov-05	MID-EBB	4.9	M04A	14-Nov-05	6.0
M04A	16-Nov-05	MID-EBB	6.0	M04A	16-Nov-05	11.3
M04A	18-Nov-05	MID-EBB	9.1	M04A	18-Nov-05	18.1
M04A	21-Nov-05	MID-EBB	10.2	M04A	21-Nov-05	8.6
M04A	23-Nov-05	MID-EBB	5.8	M04A	23-Nov-05	7.8
M04A	25-Nov-05	MID-EBB	17.1	M04A	25-Nov-05	6.4
M04A	28-Nov-05	MID-EBB	6.9	M04A	28-Nov-05	8.2
M04A	30-Nov-05	MID-EBB	6.8	M04A	30-Nov-05	9.5
M04A	2-Dec-05	MID-EBB	5.5	M04A	2-Dec-05	5.3
M04A	5-Dec-05	MID-EBB	6.0	M04A	5-Dec-05	6.8
M04A	7-Dec-05	MID-EBB	8.5	M04A	7-Dec-05	8.1
M04A	9-Dec-05	MID-EBB	4.9	M04A	9-Dec-05	7.9
M04A	12-Dec-05	MID-EBB	6.4	M04A	12-Dec-05	9.1
M04A	14-Dec-05	MID-EBB	6.1	M04A	14-Dec-05	6.0
M04A	16-Dec-05	MID-EBB	5.8	M04A	16-Dec-05	4.9
M04A	19-Dec-05	MID-EBB	5.7	M04A	19-Dec-05	5.3
M04A	21-Dec-05	MID-EBB	7.1	M04A	21-Dec-05	6.0
M04A	23-Dec-05	MID-EBB	3.4	M04A	23-Dec-05	3.9
M04A	26-Dec-05	MID-EBB	3.3	M04A	26-Dec-05	3.4
M04A	28-Dec-05	MID-EBB	6.1	M04A	28-Dec-05	5.3
M04A	30-Dec-05	MID-EBB	9.4	M04A	30-Dec-05	8.7
M04A	3-Jan-06	MID-EBB	4.3	M04A	3-Jan-06	5.0
M04A	5-Jan-06	MID-EBB	4.2	M04A	5-Jan-06	6.6
M04A	7-Jan-06	MID-EBB	4.2	M04A	7-Jan-06	5.0
M04A	9-Jan-06	MID-EBB	3.9	M04A	9-Jan-06	5.7
M04A	11-Jan-06	MID-EBB	5.2	M04A	11-Jan-06	4.4
M04A	13-Jan-06	MID-EBB	4.4	M04A	13-Jan-06	4.3
M04A	16-Jan-06	MID-EBB	4.4	M04A	16-Jan-06	4.8
M04A	18-Jan-06	MID-EBB	5.1	M04A	18-Jan-06	6.5
M04A	20-Jan-06	MID-EBB	5.4	M04A	20-Jan-06	4.2
M04A	23-Jan-06	MID-EBB	6.2	M04A	23-Jan-06	5.2
M04A	25-Jan-06	MID-EBB	12.9	M04A	25-Jan-06	5.7
M04A	27-Jan-06	MID-EBB	4.6	M04A	27-Jan-06	4.0
M05	1-Nov-05	MID-EBB	11.8	M05	1-Nov-05	8.8
M05	3-Nov-05	MID-EBB	7.3	M05	3-Nov-05	6.7
M05	5-Nov-05	MID-EBB	6.7	M05	5-Nov-05	7.8
M05	7-Nov-05	MID-EBB	12.5	M05	7-Nov-05	6.2
M05	9-Nov-05	MID-EBB	9.2	M05	9-Nov-05	5.9
M05	11-Nov-05	MID-EBB	6.5	M05	11-Nov-05	6.5
M05	14-Nov-05	MID-EBB	4.8	M05	14-Nov-05	6.8
M05	16-Nov-05	MID-EBB	5.4	M05	16-Nov-05	6.9
M05	18-Nov-05	MID-EBB	5.9	M05	18-Nov-05	8.1
M05	21-Nov-05	MID-EBB	6.3	M05	21-Nov-05	6.1
M05	23-Nov-05	MID-EBB	8.3	M05	23-Nov-05	8.2
M05	25-Nov-05	MID-EBB	6.2	M05	25-Nov-05	7.4
M05	28-Nov-05	MID-EBB	4.8	M05	28-Nov-05	7.3
M05	30-Nov-05	MID-EBB	4.9	M05	30-Nov-05	9.6
M05	2-Dec-05	MID-EBB	6.6	M05	2-Dec-05	5.2
M05	5-Dec-05	MID-EBB	5.4	M05	5-Dec-05	7.1
M05	7-Dec-05	MID-EBB	7.0	M05	7-Dec-05	7.0
M05	9-Dec-05	MID-EBB	5.2	M05	9-Dec-05	7.9
M05	19-Dec-05	MID-EBB	3.6	M05	19-Dec-05	3.7
M05	21-Dec-05	MID-EBB	8.9	M05	21-Dec-05	6.8
M05	23-Dec-05	MID-EBB	3.3	M05	23-Dec-05	4.6
M05	26-Dec-05	MID-EBB	3.9	M05	26-Dec-05	3.5
M05	28-Dec-05	MID-EBB	5.3	M05	28-Dec-05	5.5
M05	30-Dec-05	MID-EBB	5.6	M05	30-Dec-05	5.0
M05	3-Jan-06	MID-EBB	6.1	M05	3-Jan-06	9.2
M05	5-Jan-06	MID-EBB	5.6	M05	5-Jan-06	6.7
M05	7-Jan-06	MID-EBB	4.0	M05	7-Jan-06	5.4
M05	9-Jan-06	MID-EBB	5.6	M05	9-Jan-06	3.7
M05	11-Jan-06	MID-EBB	4.9	M05	11-Jan-06	4.9
M05	13-Jan-06	MID-EBB	4.7	M05	13-Jan-06	4.2
M05	16-Jan-06	MID-EBB	4.1	M05	16-Jan-06	20.7
M05	18-Jan-06	MID-EBB	5.7	M05	18-Jan-06	9.2
M05	20-Jan-06	MID-EBB	5.7	M05	20-Jan-06	6.1
M05	23-Jan-06	MID-EBB	6.9	M05	23-Jan-06	6.6
M05	25-Jan-06	MID-EBB	7.3	M05	25-Jan-06	4.9
M05	27-Jan-06	MID-EBB	5.9	M05	27-Jan-06	5.2
M06	1-Nov-05	MID-EBB	9.4	M06	1-Nov-05	7.7
M06	3-Nov-05	MID-EBB	8.1	M06	3-Nov-05	7.2
M06	5-Nov-05	MID-EBB	6.0	M06	5-Nov-05	8.7
M06	7-Nov-05	MID-EBB	13.4	M06	7-Nov-05	9.7
M06	9-Nov-05	MID-EBB	7.6	M06	9-Nov-05	7.9
M06	11-Nov-05	MID-EBB	5.9	M06	11-Nov-05	6.4
M06	14-Nov-05	MID-EBB	6.4	M06	14-Nov-05	10.0
M06	16-Nov-05	MID-EBB	5.9	M06	16-Nov-05	8.2
M06	18-Nov-05	MID-EBB	6.7	M06	18-Nov-05	11.3
M06	21-Nov-05	MID-EBB	6.8	M06	21-Nov-05	6.2
M06	23-Nov-05	MID-EBB	7.9	M06	23-Nov-05	8.6
M06	25-Nov-05	MID-EBB	6.9	M06	25-Nov-05	9.7
M06	28-Nov-05	MID-EBB	7.9	M06	28-Nov-05	7.2
M06	30-Nov-05	MID-EBB	6.6	M06	30-Nov-05	7.9
M06	2-Dec-05	MID-EBB	6.9	M06	2-Dec-05	5.8

Baseline Results (DA)					
STN	DATE	TIDE	SS	DATE	SS

Impact Monitoring Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS
M12	23-Nov-05	MID-EBB	11.4	M12	23-Nov-05	9.0
M12	25-Nov-05	MID-EBB	8.6	M12	25-Nov-05	7.7
M12	28-Nov-05	MID-EBB	10.2	M12	28-Nov-05	5.4
M12	30-Nov-05	MID-EBB	7.2	M12	30-Nov-05	6.1
M12	2-Dec-05	MID-EBB	6.3	M12	30-Nov-05	
M12	5-Dec-05	MID-EBB	8.1	M12	2-Dec-05	5.7
M12	7-Dec-05	MID-EBB	8.4	M12	5-Dec-05	6.8
M12	9-Dec-05	MID-EBB	5.4	M12	7-Dec-05	6.8
M12	19-Dec-05	MID-EBB	3.4	M12	9-Dec-05	6.6
M12	21-Dec-05	MID-EBB	5.0	M12	19-Dec-05	4.8
M12	23-Dec-05	MID-EBB	3.4	M12	21-Dec-05	4.555
M12	26-Dec-05	MID-EBB	3.4	M12	23-Dec-05	3.5
M12	28-Dec-05	MID-EBB	6.3	M12	26-Dec-05	3.445
M12	30-Dec-05	MID-EBB	7.0	M12	28-Dec-05	6.11
M12	3-Jan-06	MID-EBB	5	M12	30-Dec-05	5.22
M12	5-Jan-06	MID-EBB	3.89	M12	3-Jan-06	7.275
M12	7-Jan-06	MID-EBB	3.56	M12	5-Jan-06	7.22
M12	9-Jan-06	MID-EBB	4.33	M12	7-Jan-06	4.33
M12	11-Jan-06	MID-EBB	4.67	M12	9-Jan-06	3.89
M12	13-Jan-06	MID-EBB	5.22	M12	11-Jan-06	4.78
M12	16-Jan-06	MID-EBB	6.11	M12	13-Jan-06	5
M12	18-Jan-06	MID-EBB	5.67	M12	16-Jan-06	4.78
M12	20-Jan-06	MID-EBB	4.555	M12	18-Jan-06	5.22
M12	23-Jan-06	MID-EBB	4.11	M12	20-Jan-06	5.89
M12	25-Jan-06	MID-EBB	7.445	M12	23-Jan-06	5.67
M12	27-Jan-06	MID-EBB	3.67	M12	25-Jan-06	7.22

$n_2 = 1013$
 $\bar{X}_2 = 6.1$
 $\sum (X_i - \bar{X}_2)^2 = 5094$
 $\sigma_2 = 2.2$