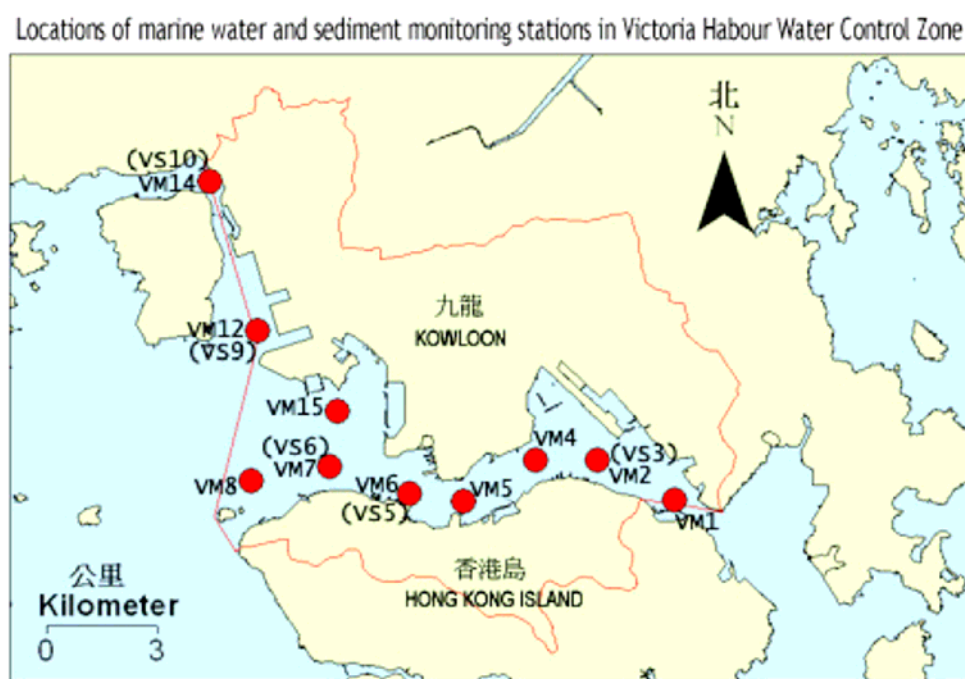


Appendix 5.2 Calculation using the Marine Water Quality Data Obtained at the Closest EPD Routine Monitoring Stations

- According to the location of the EPD routine monitoring stations in the diagram below, the closest monitoring station will be used for comparison purpose.



- Overlaying with **Fig. 3.1**, the correlation of the baseline monitoring stations and the EPD monitoring stations will be:
 - WSD15 co-relates with VM1;
 - WSD10, WSD 17 co-relates with VM2;
 - WSD9, C8, C9 co-relates with VM4
 - WSD21, C1- C7 co-relates with VM5
 - WSD19 co-relates with VM6;
 - WSD7 co-relates with VM7;
 - WSD20 co-relates with VM8
- The monthly DO, Turbidity and SS patterns derived from the EPD monitoring data for 2006 to 2008 are used to compare the baseline monitoring data collected at the intake points to take account the seasonal fluctuation in the background level. The background conditions are presented in the wet season (Apr-Sep) and dry season (Oct-Mar).
- For the baseline data taken during the dry season, the derivation of the wet season shall be adjusted with dry season Action and Limit Levels multiplied with mean variation percentage of 2006 - 2008 to account for the seasonal fluctuation.

EPD Marine Water Monitoring Data at Victoria Harbour (2006-2008)

Water Control Zone	Station	Dates	Sample No	Depth	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Suspended Solids (mg/L)
Victoria Harbour	VM1	3/1/2006	1	Middle Water	7.6	9.8	2.4
Victoria Harbour	VM1	2/2/2006	1	Middle Water	6.8	12.9	2.2
Victoria Harbour	VM1	13/3/2006	1	Middle Water	7.1	8.5	2.7
Victoria Harbour	VM1	20/4/2006	1	Middle Water	7.6	9.3	3.3
Victoria Harbour	VM1	18/5/2006	1	Middle Water	5.4	13.1	1.9
Victoria Harbour	VM1	1/6/2006	1	Middle Water	5.3	6.8	5.6
Victoria Harbour	VM1	3/7/2006	1	Middle Water	4.4	10.6	3.5
Victoria Harbour	VM1	4/8/2006	1	Middle Water	5.6	17.6	4.4
Victoria Harbour	VM1	4/9/2006	1	Middle Water	2.7	17.9	6.9
Victoria Harbour	VM1	5/10/2006	1	Middle Water	4.9	13.6	3.6
Victoria Harbour	VM1	2/11/2006	1	Middle Water	6.6	13.9	4.1
Victoria Harbour	VM1	4/12/2006	1	Middle Water	6.6	13.4	6.8
Victoria Harbour	VM2	3/1/2006	1	Middle Water	7.2	9.8	3.6
Victoria Harbour	VM2	2/2/2006	1	Middle Water	6.5	12.5	4.4
Victoria Harbour	VM2	13/3/2006	1	Middle Water	6.8	8.9	3.5
Victoria Harbour	VM2	20/4/2006	1	Middle Water	6.9	8.6	1.8
Victoria Harbour	VM2	18/5/2006	1	Middle Water	5.5	10.3	12
Victoria Harbour	VM2	1/6/2006	1	Middle Water	4.9	4.2	3.9
Victoria Harbour	VM2	3/7/2006	1	Middle Water	5.2	8.5	0.8
Victoria Harbour	VM2	4/8/2006	1	Middle Water	5.8	14.9	5.6
Victoria Harbour	VM2	4/9/2006	1	Middle Water	3.6	12.2	2
Victoria Harbour	VM2	5/10/2006	1	Middle Water	4.3	12.9	3.5
Victoria Harbour	VM2	2/11/2006	1	Middle Water	6.1	14.8	4.7
Victoria Harbour	VM2	4/12/2006	1	Middle Water	6.6	12.4	2.5
Victoria Harbour	VM4	3/1/2006	1	Middle Water	7.3	10.3	4.4
Victoria Harbour	VM4	2/2/2006	1	Middle Water	6.7	12.6	4.4
Victoria Harbour	VM4	13/3/2006	1	Middle Water	6.8	8.4	2.9
Victoria Harbour	VM4	20/4/2006	1	Middle Water	6.8	10	3
Victoria Harbour	VM4	18/5/2006	1	Middle Water	5.3	10	12
Victoria Harbour	VM4	1/6/2006	1	Middle Water	4.9	4.8	2
Victoria Harbour	VM4	3/7/2006	1	Middle Water	5.7	8.5	1.7
Victoria Harbour	VM4	4/8/2006	1	Middle Water	5.5	12.6	4.4
Victoria Harbour	VM4	4/9/2006	1	Middle Water	4.6	12.1	3.2
Victoria Harbour	VM4	5/10/2006	1	Middle Water	4.1	18.1	7.4
Victoria Harbour	VM4	2/11/2006	1	Middle Water	5.9	14.1	4.8
Victoria Harbour	VM4	4/12/2006	1	Middle Water	6.1	12.9	3.9
Victoria Harbour	VM5	3/1/2006	1	Middle Water	7	10.8	5.3
Victoria Harbour	VM5	2/2/2006	1	Middle Water	6.5	14	3.5
Victoria Harbour	VM5	13/3/2006	1	Middle Water	6.2	9.3	2.7
Victoria Harbour	VM5	20/4/2006	1	Middle Water	5.6	9.4	3.2
Victoria Harbour	VM5	18/5/2006	1	Middle Water	4.8	8.5	9.6
Victoria Harbour	VM5	1/6/2006	1	Middle Water	4.9	4.9	3.9
Victoria Harbour	VM5	3/7/2006	1	Middle Water	4.9	10.7	3
Victoria Harbour	VM5	4/8/2006	1	Middle Water	5.6	13.4	4.7
Victoria Harbour	VM5	4/9/2006	1	Middle Water	5.1	12.2	3
Victoria Harbour	VM5	5/10/2006	1	Middle Water	4.3	17.5	5.6
Victoria Harbour	VM5	2/11/2006	1	Middle Water	5.7	13.6	3.9
Victoria Harbour	VM5	4/12/2006	1	Middle Water	5.8	12.7	3.6
Victoria Harbour	VM6	3/1/2006	1	Middle Water	6.8	10.5	4.3
Victoria Harbour	VM6	2/2/2006	1	Middle Water	6.6	13.9	7
Victoria Harbour	VM6	13/3/2006	1	Middle Water	6.4	9.6	3.2
Victoria Harbour	VM6	20/4/2006	1	Middle Water	5.9	10.1	3.5
Victoria Harbour	VM6	18/5/2006	1	Middle Water	4.8	7.7	9.7
Victoria Harbour	VM6	1/6/2006	1	Middle Water	5.1	5	4.1
Victoria Harbour	VM6	3/7/2006	1	Middle Water	6.2	8.9	1.6
Victoria Harbour	VM6	4/8/2006	1	Middle Water	5.5	13.2	4.4
Victoria Harbour	VM6	4/9/2006	1	Middle Water	4.6	12.6	2
Victoria Harbour	VM6	5/10/2006	1	Middle Water	4.4	14.1	5
Victoria Harbour	VM6	2/11/2006	1	Middle Water	5.7	13.1	3.2
Victoria Harbour	VM6	4/12/2006	1	Middle Water	5.5	13.1	4.4
Victoria Harbour	VM7	11/1/2006	1	Middle Water	6.9	9.6	2.5
Victoria Harbour	VM7	16/2/2006	1	Middle Water	6.9	10	6.5
Victoria Harbour	VM7	16/3/2006	1	Middle Water	6.1	10.3	3.8
Victoria Harbour	VM7	21/4/2006	1	Middle Water	6.9	10.5	4.6
Victoria Harbour	VM7	26/5/2006	1	Middle Water	5.1	5.9	20
Victoria Harbour	VM7	12/6/2006	1	Middle Water	4.9	5.2	3
Victoria Harbour	VM7	6/7/2006	1	Middle Water	7.7	9.6	1.4
Victoria Harbour	VM7	11/8/2006	1	Middle Water	5.4	12.7	2.6
Victoria Harbour	VM7	6/9/2006	1	Middle Water	4.4	11.5	1.6
Victoria Harbour	VM7	12/10/2006	1	Middle Water	4.1	20.4	6.8
Victoria Harbour	VM7	3/11/2006	1	Middle Water	5.3	16	5.2
Victoria Harbour	VM7	6/12/2006	1	Middle Water	5.6	12.3	4
Victoria Harbour	VM8	11/1/2006	1	Middle Water	7.5	9.6	3.2
Victoria Harbour	VM8	16/2/2006	1	Middle Water	7.7	11.2	1.7
Victoria Harbour	VM8	16/3/2006	1	Middle Water	6.9	9.8	4.6
Victoria Harbour	VM8	21/4/2006	1	Middle Water	7.5	10.6	4.8

EPD Marine Water Monitoring Data at Victoria Harbour (2006-2008)

Water Control Zone	Station	Dates	Sample No	Depth	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Suspended Solids (mg/L)
Victoria Harbour	VM8	26/5/2006	1	Middle Water	5.3	5.2	18
Victoria Harbour	VM8	12/6/2006	1	Middle Water	4.9	6.2	1.3
Victoria Harbour	VM8	6/7/2006	1	Middle Water	7.4	8.8	2
Victoria Harbour	VM8	11/8/2006	1	Middle Water	5	12	2
Victoria Harbour	VM8	6/9/2006	1	Middle Water	4.4	11.8	2.1
Victoria Harbour	VM8	12/10/2006	1	Middle Water	5.3	18.8	7.5
Victoria Harbour	VM8	3/11/2006	1	Middle Water	5.5	14.5	5.3
Victoria Harbour	VM8	6/12/2006	1	Middle Water	6.2	17.5	9.2
Victoria Harbour	VM1	15/1/2007	1	Middle Water	7.7	10.5	3.3
Victoria Harbour	VM1	1/2/2007	1	Middle Water	7.6	8.4	2
Victoria Harbour	VM1	7/3/2007	1	Middle Water	6.6	10.3	2
Victoria Harbour	VM1	12/4/2007	1	Middle Water	6	9.5	3.4
Victoria Harbour	VM1	3/5/2007	1	Middle Water	5.1	9.5	4.1
Victoria Harbour	VM1	22/6/2007	1	Middle Water	4.2	12.9	5.6
Victoria Harbour	VM1	23/7/2007	1	Middle Water	3.7	35	4.4
Victoria Harbour	VM1	23/8/2007	1	Middle Water	2.9	12.1	5.4
Victoria Harbour	VM1	17/9/2007	1	Middle Water	4.5	14.8	8.5
Victoria Harbour	VM1	10/10/2007	1	Middle Water	4.9	10.8	4
Victoria Harbour	VM1	8/11/2007	1	Middle Water	6	4.2	5.8
Victoria Harbour	VM1	4/12/2007	1	Middle Water	6	7.5	1.6
Victoria Harbour	VM1	3/1/2008	1	Middle Water	6.9	6.6	1.6
Victoria Harbour	VM1	1/2/2008	1	Middle Water	7.2	6.7	1.1
Victoria Harbour	VM1	28/3/2008	1	Middle Water	6.6	10.5	5.7
Victoria Harbour	VM1	23/4/2008	1	Middle Water	6.3	14.4	12
Victoria Harbour	VM1	19/5/2008	1	Middle Water	5.5	7.9	6.6
Victoria Harbour	VM1	11/6/2008	1	Middle Water	4.5	9.1	4.9
Victoria Harbour	VM1	2/7/2008	1	Middle Water	3.7	12.9	3.8
Victoria Harbour	VM1	4/8/2008	1	Middle Water	4.8	9.3	5.4
Victoria Harbour	VM1	19/9/2008	1	Middle Water	2.8	12.3	9.2
Victoria Harbour	VM1	8/10/2008	1	Middle Water	4.5	3.8	6.5
Victoria Harbour	VM1	5/11/2008	1	Middle Water	5.4	3.7	5
Victoria Harbour	VM1	10/12/2008	1	Middle Water	6.1	2.1	3.6
Victoria Harbour	VM2	15/1/2007	1	Middle Water	7.6	10.4	2.6
Victoria Harbour	VM2	1/2/2007	1	Middle Water	7.7	8.4	2
Victoria Harbour	VM2	7/3/2007	1	Middle Water	6.3	11.3	3.3
Victoria Harbour	VM2	12/4/2007	1	Middle Water	5.9	9.1	2.8
Victoria Harbour	VM2	3/5/2007	1	Middle Water	4.7	9.5	3.7
Victoria Harbour	VM2	22/6/2007	1	Middle Water	6.5	11.8	3
Victoria Harbour	VM2	23/7/2007	1	Middle Water	8	24.9	5.2
Victoria Harbour	VM2	23/8/2007	1	Middle Water	3.7	9.4	2.9
Victoria Harbour	VM2	17/9/2007	1	Middle Water	4.5	14.6	5.8
Victoria Harbour	VM2	10/10/2007	1	Middle Water	4.1	10.3	4
Victoria Harbour	VM2	8/11/2007	1	Middle Water	5.7	4.3	4.4
Victoria Harbour	VM2	4/12/2007	1	Middle Water	5.8	7.2	1.8
Victoria Harbour	VM2	3/1/2008	1	Middle Water	6.6	6.5	1.6
Victoria Harbour	VM2	1/2/2008	1	Middle Water	7.1	7	1.6
Victoria Harbour	VM2	28/3/2008	1	Middle Water	6.1	8.9	2.9
Victoria Harbour	VM2	23/4/2008	1	Middle Water	6.1	10.4	4.8
Victoria Harbour	VM2	19/5/2008	1	Middle Water	4.9	6.5	3.8
Victoria Harbour	VM2	11/6/2008	1	Middle Water	5.6	7.6	3.8
Victoria Harbour	VM2	2/7/2008	1	Middle Water	3	11.2	3.6
Victoria Harbour	VM2	4/8/2008	1	Middle Water	6.9	8.1	4.2
Victoria Harbour	VM2	19/9/2008	1	Middle Water	4	8.2	4
Victoria Harbour	VM2	8/10/2008	1	Middle Water	4.3	4.8	4.8
Victoria Harbour	VM2	5/11/2008	1	Middle Water	4.9	4.8	9.2
Victoria Harbour	VM2	10/12/2008	1	Middle Water	5.6	2.5	2.6
Victoria Harbour	VM4	15/1/2007	1	Middle Water	7.3	10.8	2.8
Victoria Harbour	VM4	1/2/2007	1	Middle Water	6.9	9.2	2.3
Victoria Harbour	VM4	7/3/2007	1	Middle Water	5.7	11.2	3.5
Victoria Harbour	VM4	12/4/2007	1	Middle Water	5.6	9.4	2.8
Victoria Harbour	VM4	3/5/2007	1	Middle Water	4.5	9.3	4.6
Victoria Harbour	VM4	22/6/2007	1	Middle Water	5.3	11.8	3.5
Victoria Harbour	VM4	23/7/2007	1	Middle Water	8	21	5.6
Victoria Harbour	VM4	23/8/2007	1	Middle Water	4.6	9.6	2.7
Victoria Harbour	VM4	17/9/2007	1	Middle Water	4.3	14.2	5.9
Victoria Harbour	VM4	10/10/2007	1	Middle Water	4.1	10.6	4.8
Victoria Harbour	VM4	8/11/2007	1	Middle Water	5.6	4.1	3.8
Victoria Harbour	VM4	4/12/2007	1	Middle Water	5.4	7.1	1.7
Victoria Harbour	VM4	3/1/2008	1	Middle Water	6.1	7.4	2.8
Victoria Harbour	VM4	1/2/2008	1	Middle Water	7.1	7.5	2.7
Victoria Harbour	VM4	28/3/2008	1	Middle Water	5.9	9.7	3.4
Victoria Harbour	VM4	23/4/2008	1	Middle Water	5.8	11.9	7.8
Victoria Harbour	VM4	19/5/2008	1	Middle Water	4.7	8.4	11
Victoria Harbour	VM4	11/6/2008	1	Middle Water	5.9	8.2	3.1
Victoria Harbour	VM4	2/7/2008	1	Middle Water	4.2	11	3.5
Victoria Harbour	VM4	4/8/2008	1	Middle Water	7	8.4	4.6

EPD Marine Water Monitoring Data at Victoria Harbour (2006-2008)

Water Control Zone	Station	Dates	Sample No	Depth	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Suspended Solids (mg/L)
Victoria Harbour	VM4	19/9/2008	1	Middle Water	2.8	9.4	5.3
Victoria Harbour	VM4	8/10/2008	1	Middle Water	4.4	4.2	4.7
Victoria Harbour	VM4	5/11/2008	1	Middle Water	4.7	5.9	7.7
Victoria Harbour	VM4	10/12/2008	1	Middle Water	5.3	2.5	2.9
Victoria Harbour	VM5	15/1/2007	1	Middle Water	6.6	10.3	1.7
Victoria Harbour	VM5	1/2/2007	1	Middle Water	6.9	8.9	3.2
Victoria Harbour	VM5	7/3/2007	1	Middle Water	5.6	10.2	2.8
Victoria Harbour	VM5	12/4/2007	1	Middle Water	5	9.3	3.1
Victoria Harbour	VM5	3/5/2007	1	Middle Water	4.1	10.1	5.3
Victoria Harbour	VM5	22/6/2007	1	Middle Water	5.1	12	3.9
Victoria Harbour	VM5	23/7/2007	1	Middle Water	6.1	24.6	6.2
Victoria Harbour	VM5	23/8/2007	1	Middle Water	4.9	9.5	2.8
Victoria Harbour	VM5	17/9/2007	1	Middle Water	3.9	12.1	3.1
Victoria Harbour	VM5	10/10/2007	1	Middle Water	3.9	13.1	8
Victoria Harbour	VM5	8/11/2007	1	Middle Water	5.3	4.1	4.2
Victoria Harbour	VM5	4/12/2007	1	Middle Water	4.2	8	1.7
Victoria Harbour	VM5	3/1/2008	1	Middle Water	5.7	6.8	2.8
Victoria Harbour	VM5	1/2/2008	1	Middle Water	6.8	7.2	2.4
Victoria Harbour	VM5	28/3/2008	1	Middle Water	5.2	9.2	2.7
Victoria Harbour	VM5	23/4/2008	1	Middle Water	5.2	10.4	5
Victoria Harbour	VM5	19/5/2008	1	Middle Water	5.1	7.9	5.8
Victoria Harbour	VM5	11/6/2008	1	Middle Water	5.2	8.2	4.9
Victoria Harbour	VM5	2/7/2008	1	Middle Water	5.1	10	2.4
Victoria Harbour	VM5	4/8/2008	1	Middle Water	6	8.4	5.3
Victoria Harbour	VM5	19/9/2008	1	Middle Water	3.1	12.1	10
Victoria Harbour	VM5	8/10/2008	1	Middle Water	4.4	3.8	4.7
Victoria Harbour	VM5	5/11/2008	1	Middle Water	4.7	5.2	6.6
Victoria Harbour	VM5	10/12/2008	1	Middle Water	5.6	3	4
Victoria Harbour	VM6	15/1/2007	1	Middle Water	7.3	10.3	2.1
Victoria Harbour	VM6	1/2/2007	1	Middle Water	6.8	9.8	4.4
Victoria Harbour	VM6	7/3/2007	1	Middle Water	5.2	10.1	2.4
Victoria Harbour	VM6	12/4/2007	1	Middle Water	5	9.5	3.8
Victoria Harbour	VM6	3/5/2007	1	Middle Water	4.3	10.1	4.2
Victoria Harbour	VM6	22/6/2007	1	Middle Water	5.6	12.6	2.5
Victoria Harbour	VM6	23/7/2007	1	Middle Water	3.2	18.4	3.9
Victoria Harbour	VM6	23/8/2007	1	Middle Water	3.9	11.4	4
Victoria Harbour	VM6	17/9/2007	1	Middle Water	3.7	12.4	4
Victoria Harbour	VM6	10/10/2007	1	Middle Water	4.4	13.4	9.5
Victoria Harbour	VM6	8/11/2007	1	Middle Water	5	4.1	4.8
Victoria Harbour	VM6	4/12/2007	1	Middle Water	4.7	7.5	2.5
Victoria Harbour	VM6	3/1/2008	1	Middle Water	5.6	7	2
Victoria Harbour	VM6	1/2/2008	1	Middle Water	6.6	7.4	3.1
Victoria Harbour	VM6	28/3/2008	1	Middle Water	5.3	9.2	2.4
Victoria Harbour	VM6	23/4/2008	1	Middle Water	5.3	11.4	7
Victoria Harbour	VM6	19/5/2008	1	Middle Water	5.1	7.1	6
Victoria Harbour	VM6	11/6/2008	1	Middle Water	5	9.7	3.5
Victoria Harbour	VM6	2/7/2008	1	Middle Water	4.6	9.9	4.4
Victoria Harbour	VM6	4/8/2008	1	Middle Water	7.4	7.7	4.2
Victoria Harbour	VM6	19/9/2008	1	Middle Water	2.8	10.1	7.4
Victoria Harbour	VM6	8/10/2008	1	Middle Water	4.7	4	14
Victoria Harbour	VM6	5/11/2008	1	Middle Water	4.7	4.6	6.4
Victoria Harbour	VM6	10/12/2008	1	Middle Water	5.6	3.4	5.3
Victoria Harbour	VM7	3/1/2007	1	Middle Water	5.7	12.2	2.4
Victoria Harbour	VM7	6/2/2007	1	Middle Water	7	10.7	5.3
Victoria Harbour	VM7	9/3/2007	1	Middle Water	5.2	10.2	3.2
Victoria Harbour	VM7	13/4/2007	1	Middle Water	4.9	9.3	3.6
Victoria Harbour	VM7	7/5/2007	1	Middle Water	4.9	8.8	1.3
Victoria Harbour	VM7	25/6/2007	1	Middle Water	5.5	9.2	1.3
Victoria Harbour	VM7	18/7/2007	1	Middle Water	5.3	11.4	3
Victoria Harbour	VM7	20/8/2007	1	Middle Water	4.7	12.5	4
Victoria Harbour	VM7	24/9/2007	1	Middle Water	4.7	15.5	10
Victoria Harbour	VM7	11/10/2007	1	Middle Water	3.9	11.2	6
Victoria Harbour	VM7	15/11/2007	1	Middle Water	5.1	4.2	4.6
Victoria Harbour	VM7	11/12/2007	1	Middle Water	5.1	8.6	3.4
Victoria Harbour	VM7	4/1/2008	1	Middle Water	5.6	8.1	4.2
Victoria Harbour	VM7	11/2/2008	1	Middle Water	6.3	8.7	4.6
Victoria Harbour	VM7	5/3/2008	1	Middle Water	7.8	8	2.2
Victoria Harbour	VM7	2/4/2008	1	Middle Water	6.1	10.3	5
Victoria Harbour	VM7	14/5/2008	1	Middle Water	5.5	8	5.9
Victoria Harbour	VM7	2/6/2008	1	Middle Water	4.4	8.1	3.4
Victoria Harbour	VM7	7/7/2008	1	Middle Water	5.1	11.6	2.6
Victoria Harbour	VM7	25/8/2008	1	Middle Water	5.2	7.3	2.9
Victoria Harbour	VM7	22/9/2008	1	Middle Water	3.1	7.7	4.1
Victoria Harbour	VM7	9/10/2008	1	Middle Water	5.3	4.3	5.6
Victoria Harbour	VM7	20/11/2008	1	Middle Water	5.3	4.7	6.5
Victoria Harbour	VM7	6/12/2008	1	Middle Water	6.1	9.8	4.3

EPD Marine Water Monitoring Data at Victoria Harbour (2006-2008)

Water Control Zone	Station	Dates	Sample No	Depth	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Suspended Solids (mg/L)
Victoria Harbour	VM8	3/1/2007	1	Middle Water	5.6	13.5	5
Victoria Harbour	VM8	6/2/2007	1	Middle Water	8.6	11.8	7
Victoria Harbour	VM8	9/3/2007	1	Middle Water	6.4	13.1	7.8
Victoria Harbour	VM8	13/4/2007	1	Middle Water	5.5	9.9	4.5
Victoria Harbour	VM8	7/5/2007	1	Middle Water	5.8	9.8	3.6
Victoria Harbour	VM8	25/6/2007	1	Middle Water	5.2	9.5	2.2
Victoria Harbour	VM8	18/7/2007	1	Middle Water	5	33.9	3.4
Victoria Harbour	VM8	20/8/2007	1	Middle Water	4.4	13	4
Victoria Harbour	VM8	24/9/2007	1	Middle Water	5	14.5	6.6
Victoria Harbour	VM8	11/10/2007	1	Middle Water	4.5	12	6.5
Victoria Harbour	VM8	15/11/2007	1	Middle Water	5.6	4.1	7.6
Victoria Harbour	VM8	11/12/2007	1	Middle Water	5.1	8.7	3.7
Victoria Harbour	VM8	4/1/2008	1	Middle Water	6.2	8.1	3.4
Victoria Harbour	VM8	11/2/2008	1	Middle Water	7.4	12.1	6.6
Victoria Harbour	VM8	5/3/2008	1	Middle Water	7.6	8.8	3
Victoria Harbour	VM8	2/4/2008	1	Middle Water	6.6	13.3	7.4
Victoria Harbour	VM8	14/5/2008	1	Middle Water	5.5	8.4	6.3
Victoria Harbour	VM8	2/6/2008	1	Middle Water	5.1	7.3	3
Victoria Harbour	VM8	7/7/2008	1	Middle Water	5.1	12.2	2.4
Victoria Harbour	VM8	25/8/2008	1	Middle Water	5.1	7.2	3.2
Victoria Harbour	VM8	22/9/2008	1	Middle Water	4	7.3	3.1
Victoria Harbour	VM8	9/10/2008	1	Middle Water	5.3	3.9	4.3
Victoria Harbour	VM8	20/11/2008	1	Middle Water	5.8	4.5	5.4
Victoria Harbour	VM8	6/12/2008	1	Middle Water	6.4	10.3	6.3

EPD Marine Water Monitoring Data (2006-2008) - DO Variation Between Dry and Wet Seasons

DO (mg/L)		Dry season 2006	Wet season 2006	Variation in avg. DO	Dry season 2007	Wet season 2007	Variation in avg. DO	Dry season 2008	Wet season 2008	Variation in avg. DO	Mean Variation %
Station											
VM1 (WSD15)	Avg.	6.60	5.17	-21.7%	6.47	4.40	-32.0%	6.12	4.60	-24.8%	-26.2%
	Min.	4.90	2.70	-	4.90	2.90	-	4.50	2.80	-	-
	Max.	7.60	7.60	-	7.70	6.00	-	7.20	6.30	-	-
VM2 (WSD10, WSD17)	Avg.	6.25	5.32	-14.9%	6.20	5.55	-10.5%	5.77	5.08	-11.8%	-12.4%
	Min.	4.30	3.60	-	4.10	3.70	-	4.30	3.00	-	-
	Max.	7.20	6.90	-	7.70	8.00	-	7.10	6.90	-	-
VM4 (WSD9, C8, C9)	Avg.	6.15	5.47	-11.1%	5.83	5.38	-7.7%	5.58	5.07	-9.3%	-9.4%
	Min.	4.10	4.60	-	4.10	4.30	-	4.40	2.80	-	-
	Max.	7.30	6.80	-	7.30	8.00	-	7.10	7.00	-	-
VM5 (WSD21, C1-C7)	Avg.	5.92	5.15	-13.0%	5.42	4.85	-10.5%	5.40	4.95	-8.3%	-10.6%
	Min.	4.30	4.80	-	3.90	3.90	-	4.40	3.10	-	-
	Max.	7.00	5.60	-	6.90	6.10	-	6.80	6.00	-	-
VM6 (WSD19)	Avg.	5.90	5.35	-9.3%	5.57	4.28	-23.1%	5.42	5.03	-7.1%	-13.2%
	Min.	4.40	4.60	-	4.40	3.20	-	4.70	2.80	-	-
	Max.	6.80	6.20	-	7.30	5.60	-	6.60	7.40	-	-
VM7 (WSD7)	Avg.	5.82	5.73	-1.4%	5.33	5.00	-6.2%	6.07	4.90	-19.2%	-9.0%
	Min.	4.10	4.40	-	3.90	4.70	-	5.30	3.10	-	-
	Max.	6.90	7.70	-	7.00	5.50	-	7.80	6.10	-	-
VM8 (WSD20)	Avg.	6.52	5.75	-11.8%	5.97	5.15	-13.7%	6.45	5.23	-18.9%	-14.8%
	Min.	5.30	4.40	-	4.50	4.40	-	5.30	4.00	-	-
	Max.	7.70	7.50	-	8.60	5.80	-	7.60	6.60	-	-

EPD Marine Water Monitoring Data (2006-2008) - Turbidity Variation Between Dry and Wet Seasons

Turb (NTU)		Dry season 2006	Wet season 2006	Varia-tion in avg. Tur	Dry season 2007	Wet season 2007	Varia-tion in avg. Tur	Dry season 2008	Wet season 2008	Varia-tion in avg. Tur	Mean Variation %
Station											
VM1 (WSD15)	Avg.	12.02	12.55	4.4%	8.62	15.63	81.4%	5.57	10.98	97.3%	61.1%
	Min.	8.50	6.80	-	4.20	9.50	-	2.10	7.90	-	-
	Max.	13.90	17.90	-	10.80	35.00	-	10.50	14.40	-	-
VM2 (WSD10, WSD17)	Avg.	11.88	9.78	-17.7%	8.65	13.22	52.8%	5.75	8.67	50.7%	28.6%
	Min.	8.90	4.20	-	4.30	9.10	-	2.50	6.50	-	-
	Max.	14.80	14.90	-	11.30	24.90	-	8.90	11.20	-	-
VM4 (WSD9, C8, C9)	Avg.	12.73	9.67	-24.1%	8.83	12.55	42.1%	6.20	9.55	54.0%	24.0%
	Min.	8.40	4.80	-	4.10	9.30	-	2.50	8.20	-	-
	Max.	18.10	12.60	-	11.20	21.00	-	9.70	11.90	-	-
VM5 (WSD21, C1-C7)	Avg.	12.98	9.85	-24.1%	9.10	12.93	42.1%	5.87	9.50	61.9%	26.6%
	Min.	9.30	4.90	-	4.10	9.30	-	3.00	7.90	-	-
	Max.	17.50	13.40	-	13.10	24.60	-	9.20	12.10	-	-
VM6 (WSD19)	Avg.	12.38	9.58	-22.6%	9.20	12.40	34.8%	5.93	9.32	57.0%	23.1%
	Min.	9.60	5.00	-	4.10	9.50	-	3.40	7.10	-	-
	Max.	14.10	13.20	-	13.40	18.40	-	9.20	11.40	-	-
VM7 (WSD7)	Avg.	13.10	9.23	-29.5%	9.52	11.12	16.8%	7.27	8.83	21.6%	3.0%
	Min.	9.60	5.20	-	4.20	8.80	-	4.30	7.30	-	-
	Max.	20.40	12.70	-	12.20	15.50	-	9.80	11.60	-	-
VM8 (WSD20)	Avg.	13.57	9.10	-32.9%	10.53	15.10	43.4%	7.95	9.28	16.8%	9.1%
	Min.	9.60	5.20	-	4.10	9.50	-	3.90	7.20	-	-
	Max.	18.80	12.00	-	13.50	33.90	-	12.10	13.30	-	-

EPD Marine Water Monitoring Data (2006-2008) - SS Variation Between Dry and Wet Seasons

SS (mg/L)		Dry season 2006	Wet season 2006	Varia-tion in avg. SS	Dry season 2007	Wet season 2007	Varia-tion in avg. SS	Dry season 2008	Wet season 2008	Varia-tion in avg. SS	Mean Variation %
Station											
VM1 (WSD15)	Avg.	3.63	7.12	95.9%	3.12	5.23	67.9%	3.92	6.98	78.3%	80.7%
	Min.	2.20	3.30	-	1.60	3.40	-	1.10	3.80	-	-
	Max.	6.80	19.00	-	5.80	8.50	-	6.50	12.00	-	-
VM2 (WSD10, WSD17)	Avg.	3.70	4.35	17.6%	3.02	3.90	29.3%	3.78	4.03	6.6%	17.8%
	Min.	2.50	0.80	-	1.80	2.80	-	1.60	3.60	-	-
	Max.	4.70	12.00	-	4.40	5.80	-	9.20	4.80	-	-
VM4 (WSD9, C8, C9)	Avg.	4.63	4.38	-5.4%	3.15	4.18	32.8%	4.03	5.88	45.9%	24.4%
	Min.	2.90	1.70	-	1.70	2.70	-	2.70	3.10	-	-
	Max.	7.40	12.00	-	4.80	5.90	-	7.70	11.00	-	-
VM5 (WSD21, C1-C7)	Avg.	4.10	4.57	11.4%	3.60	4.07	13.0%	3.87	5.57	44.0%	22.8%
	Min.	2.70	3.00	-	1.70	2.80	-	2.40	2.40	-	-
	Max.	5.60	9.60	-	8.00	6.20	-	6.60	10.00	-	-
VM6 (WSD19)	Avg.	4.52	4.22	-6.6%	4.28	3.73	-12.8%	5.53	5.42	-2.1%	-7.2%
	Min.	3.20	1.60	-	2.10	2.50	-	2.00	3.50	-	-
	Max.	7.00	9.70	-	9.50	4.20	-	14.00	7.40	-	-
VM7 (WSD7)	Avg.	4.80	5.53	15.3%	4.15	3.87	-6.8%	4.57	3.98	-12.8%	-1.4%
	Min.	2.50	1.40	-	2.40	1.30	-	2.20	2.60	-	-
	Max.	6.80	20.00	-	6.00	10.00	-	6.50	5.90	-	-
VM8 (WSD20)	Avg.	7.80	5.03	-35.5%	6.27	4.05	-35.4%	4.83	4.23	-12.4%	-27.8%
	Min.	3.20	1.30	-	3.70	2.20	-	3.00	2.40	-	-
	Max.	17.00	18.00	-	7.80	6.60	-	6.60	7.40	-	-

Baseline Turbidity Monitoring Data (Oct - Nov 2009)

Mid-flood Date	WSD7			WSD9			WSD10			WSD15			WSD17		
	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average
21-Oct-09	10.2	9.3	9.75	4.6	4.6	4.60	5.0	4.3	4.65	5.7	5.2	5.45	6.2	6.4	6.30
23-Oct-09	4.9	5.8	5.35	3.4	4.1	3.75	3.1	3.2	3.15	6.3	6.4	6.35	5.0	5.5	5.25
27-Oct-09	7.6	7.4	7.50	4.0	4.2	4.10	3.3	3.2	3.25	6.3	5.7	6.00	6.6	6.7	6.65
29-Oct-09	8.0	8.0	8.00	3.8	3.8	3.80	5.0	5.0	5.00	3.0	3.0	3.00	3.6	3.6	3.60
31-Oct-09	6.3	5.4	5.85	2.2	2.0	2.10	4.9	6.1	5.50	5.6	4.2	4.90	5.9	5.9	5.90
2-Nov-09	5.8	5.0	5.40	3.7	3.8	3.75	3.3	2.9	3.10	5.0	4.8	4.90	4.9	4.8	4.85
4-Nov-09	7.1	6.8	6.95	3.8	3.7	3.75	4.7	4.5	4.60	5.1	5.5	5.30	4.8	4.6	4.70
6-Nov-09	8.4	8.1	8.25	3.7	3.6	3.65	3.0	3.0	3.00	3.5	3.4	3.45	4.1	4.5	4.30
10-Nov-09	6.3	6.0	6.15	3.7	3.4	3.55	3.6	3.9	3.75	2.9	2.6	2.75	5.8	6.2	6.00
12-Nov-09	9.8	9.2	9.50	4.4	4.3	4.35	7.1	6.5	6.80	5.6	5.5	5.55	6.0	6.2	6.10
14-Nov-09	1.9	1.8	1.85	2.1	2.4	2.25	4.9	5.1	5.00	2.3	2.2	2.25	6.6	6.1	6.35
16-Nov-09	1.9	1.8	1.85	2.3	2.3	2.30	2.6	2.7	2.65	2.4	2.3	2.35	2.4	2.4	2.40

Mid-ebb Date	WSD7			WSD9			WSD10			WSD15			WSD17		
	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average
21-Oct-09	5.5	5.5	5.50	6.3	6.9	6.60	5.2	4.8	5.00	7.3	7.5	7.40	7.8	7.5	7.65
23-Oct-09	6.2	5.7	5.95	4.3	4.8	4.55	4.3	3.9	4.10	3.1	3.0	3.05	5.4	4.4	4.90
27-Oct-09	6.7	6.2	6.45	2.3	2.5	2.40	3.7	3.5	3.60	3.2	3.4	3.30	3.4	3.5	3.45
29-Oct-09	4.3	4.2	4.25	3.3	3.5	3.40	4.9	4.9	4.90	3.3	3.5	3.40	4.6	4.6	4.60
31-Oct-09	3.7	4.1	3.90	3.4	3.7	3.55	6.1	6.4	6.25	3.8	1.9	2.85	3.9	3.5	3.70
2-Nov-09	6.3	5.9	6.10	3.6	3.7	3.65	3.6	3.7	3.65	3.6	3.7	3.65	4.6	3.7	4.15
4-Nov-09	3.2	3.3	3.25	2.9	2.7	2.80	2.7	2.8	2.75	6.1	5.8	5.95	3.5	3.4	3.45
6-Nov-09	3.8	3.7	3.75	3.1	2.9	3.00	3.3	3.1	3.20	5.7	5.6	5.65	4.6	4.4	4.50
10-Nov-09	3.8	3.7	3.75	5.2	5.3	5.25	2.7	2.8	2.75	2.4	2.3	2.35	4.1	4.3	4.20
12-Nov-09	5.1	5.1	5.10	4.4	4.5	4.45	6.1	6.1	6.10	5.5	5.7	5.60	7.3	7.6	7.45
14-Nov-09	2.2	2.0	2.10	2.4	2.4	2.40	4.4	4.0	4.20	1.6	1.4	1.50	2.9	3.1	3.00
16-Nov-09	2.1	2.1	2.10	2.4	2.3	2.35	2.8	2.7	2.75	2.9	2.7	2.80	2.8	2.5	2.65

Baseline Turbidity Monitoring Data (Oct - Nov 2009)

Mid-flood	WSD19			WSD20			WSD21			RW1			C1		
Date	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average
21-Oct-09	6.2	5.8	6.00	5.9	6.3	6.10	8.4	8.5	8.45	10.4	10.6	10.50	6.1	6.3	6.20
23-Oct-09	7.0	6.5	6.75	5.5	5.6	5.55	6.6	6.9	6.75	8.2	8.1	8.15	6.0	5.4	5.70
27-Oct-09	6.9	6.6	6.75	3.8	3.5	3.65	7.9	7.6	7.75	7.8	7.7	7.75	5.1	5.2	5.15
29-Oct-09	4.3	4.3	4.30	3.0	2.9	2.95	5.8	6.1	5.95	6.4	6.1	6.25	4.9	4.9	4.90
31-Oct-09	5.6	7.0	6.30	4.0	3.5	3.75	4.9	5.0	4.95	4.7	5.8	5.25	4.1	4.5	4.30
2-Nov-09	5.4	4.4	4.90	5.1	4.6	4.85	5.0	4.5	4.75	4.3	4.0	4.15	6.0	5.8	5.90
4-Nov-09	4.0	4.1	4.05	6.3	6.7	6.50	6.6	6.6	6.60	5.6	5.4	5.50	4.0	3.9	3.95
6-Nov-09	5.2	5.3	5.25	5.5	5.7	5.60	6.3	6.3	6.30	6.5	6.3	6.40	3.6	3.7	3.65
10-Nov-09	7.4	7.8	7.60	4.0	4.3	4.15	6.7	7.0	6.85	4.8	5.3	5.05	4.0	3.8	3.90
12-Nov-09	9.6	9.2	9.40	6.5	6.9	6.70	5.8	5.6	5.70	4.7	4.5	4.60	3.2	3.1	3.15
14-Nov-09	5.1	5.2	5.15	5.5	5.1	5.30	4.8	5.2	5.00	6.1	5.8	5.95	4.0	3.7	3.85
16-Nov-09	1.8	1.6	1.70	1.7	1.7	1.70	8.4	8.9	8.65	7.9	7.9	7.90	8.4	8.9	8.65

Mid-ebb	WSD19			WSD20			WSD21			RW1			C1		
Date	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average
21-Oct-09	8.8	8.4	8.60	6.7	6.5	6.60	6.2	6.2	6.20	6.6	6.6	6.60	5.1	5.4	5.25
23-Oct-09	5.3	4.7	5.00	4.2	4.2	4.20	5.5	5.8	5.65	4.9	5.1	5.00	5.5	5.8	5.65
27-Oct-09	3.7	3.3	3.50	3.1	3.2	3.15	6.0	6.0	6.00	5.9	5.9	5.90	8.4	8.3	8.35
29-Oct-09	5.0	4.9	4.95	2.9	2.8	2.85	4.9	5.1	5.00	4.8	4.8	4.80	6.0	6.2	6.10
31-Oct-09	3.8	3.9	3.85	4.7	5.9	5.30	4.5	4.3	4.40	4.6	4.5	4.55	4.9	4.7	4.80
2-Nov-09	4.9	5.4	5.15	3.5	3.5	3.50	4.8	4.7	4.75	3.1	2.9	3.00	4.5	3.8	4.15
4-Nov-09	3.2	3.4	3.30	3.8	3.6	3.70	6.0	5.7	5.85	5.2	5.1	5.15	4.6	4.8	4.70
6-Nov-09	7.0	6.3	6.65	5.3	4.9	5.10	5.5	5.3	5.40	4.2	4.5	4.35	4.8	4.7	4.75
10-Nov-09	4.2	4.4	4.30	3.0	3.2	3.10	4.4	4.5	4.45	3.8	4.2	4.00	4.6	4.5	4.55
12-Nov-09	4.0	4.2	4.10	3.5	3.6	3.55	4.7	4.4	4.55	4.6	4.4	4.50	4.6	4.4	4.50
14-Nov-09	2.1	2.2	2.15	2.4	2.1	2.25	5.1	5.0	5.05	6.4	6.1	6.25	4.4	4.1	4.25
16-Nov-09	2.5	2.6	2.55	1.9	1.9	1.90	8.6	8.5	8.55	9.0	8.9	8.95	9.2	8.8	9.00

Baseline Turbidity Monitoring Data (Oct - Nov 2009)

Mid-flood	C2			C3			C4			C5			C6		
Date	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average
21-Oct-09	5.7	5.5	5.60	8.5	7.8	8.15	6.8	7.6	7.20	9.3	9.0	9.15	5.4	5.4	5.40
23-Oct-09	5.5	5.6	5.55	6.1	6.0	6.05	7.2	7.2	7.20	6.7	6.5	6.60	5.8	5.7	5.75
27-Oct-09	7.8	8.1	7.95	7.8	7.5	7.65	7.0	7.0	7.00	7.3	7.2	7.25	7.4	7.3	7.35
29-Oct-09	6.2	6.3	6.25	7.4	6.4	6.90	9.3	8.3	8.80	7.4	7.5	7.45	6.3	5.7	6.00
31-Oct-09	6.6	6.2	6.40	4.7	4.8	4.75	5.1	5.5	5.30	4.7	4.7	4.70	4.1	4.0	4.05
2-Nov-09	3.7	3.6	3.65	3.3	3.2	3.25	3.3	3.2	3.25	3.6	3.2	3.40	5.6	5.8	5.70
4-Nov-09	5.2	4.8	5.00	6.2	6.5	6.35	5.9	5.7	5.80	5.9	5.6	5.75	4.8	4.5	4.65
6-Nov-09	6.2	6.0	6.10	4.7	4.5	4.60	6.4	6.1	6.25	6.4	6.3	6.35	3.2	3.3	3.25
10-Nov-09	5.8	5.9	5.85	5.7	5.9	5.80	6.8	6.5	6.65	6.6	6.9	6.75	5.3	5.1	5.20
12-Nov-09	4.6	4.4	4.50	4.8	4.6	4.70	5.4	5.6	5.50	5.3	5.5	5.40	3.6	3.7	3.65
14-Nov-09	5.9	5.6	5.75	3.8	3.9	3.85	4.6	4.7	4.65	4.9	5.0	4.95	4.5	4.3	4.40
16-Nov-09	9.0	8.6	8.80	8.3	8.2	8.25	9.4	9.1	9.25	9.1	8.6	8.85	8.0	7.7	7.85

Mid-ebb	C2			C3			C4			C5			C6		
Date	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average
21-Oct-09	6.1	6.3	6.20	5.2	5.3	5.25	6.8	6.8	6.80	7.7	7.9	7.80	5.5	5.2	5.35
23-Oct-09	6.0	5.4	5.70	7.0	6.6	6.80	5.4	5.4	5.40	5.3	5.5	5.40	5.6	5.6	5.60
27-Oct-09	5.1	5.2	5.15	5.4	5.4	5.40	6.6	6.3	6.45	6.3	6.2	6.25	6.2	6.3	6.25
29-Oct-09	4.9	4.9	4.90	4.7	4.6	4.65	5.0	4.8	4.90	5.1	5.0	5.05	4.8	4.8	4.80
31-Oct-09	4.1	4.5	4.30	3.8	3.9	3.85	4.4	4.0	4.20	4.8	4.7	4.75	5.8	6.1	5.95
2-Nov-09	6.0	5.8	5.90	6.6	6.4	6.50	6.1	5.5	5.80	4.2	4.1	4.15	3.8	3.9	3.85
4-Nov-09	4.0	3.9	3.95	6.2	6.0	6.10	6.6	6.2	6.40	4.9	5.4	5.15	5.4	5.0	5.20
6-Nov-09	3.6	3.7	3.65	4.5	4.4	4.45	4.1	4.3	4.20	7.4	7.7	7.55	4.0	4.0	4.00
10-Nov-09	4.0	3.8	3.90	4.4	4.2	4.30	5.1	4.8	4.95	4.4	4.4	4.40	5.0	4.8	4.90
12-Nov-09	3.2	3.1	3.15	2.8	2.7	2.75	2.8	3.0	2.90	4.9	4.7	4.80	4.3	4.3	4.30
14-Nov-09	4.0	3.7	3.85	4.7	4.9	4.80	4.8	4.7	4.75	6.7	6.4	6.55	5.3	5.2	5.25
16-Nov-09	8.4	8.9	8.65	8.9	8.8	8.85	8.8	9.0	8.90	9.3	9.4	9.35	8.9	8.6	8.75

Baseline Turbidity Monitoring Data (Oct - Nov 2009)

Mid-flood Date	C7			C8			C9			RC1			RC5		
	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average
21-Oct-09	5.8	5.5	5.65	8.9	9.0	8.95	8.2	8.1	8.15	5.7	6.0	5.85	6.4	6.4	6.40
23-Oct-09	6.8	6.5	6.65	9.4	10.1	9.75	10.2	10.2	10.20	5.5	5.5	5.50	7.5	7.4	7.45
27-Oct-09	5.5	5.5	5.50	10.0	10.1	10.05	10.9	11.2	11.05	7.9	8.0	7.95	7.6	7.5	7.55
29-Oct-09	7.7	7.3	7.50	8.6	9.0	8.80	10.4	10.8	10.60	6.5	5.8	6.15	6.4	6.1	6.25
31-Oct-09	4.8	4.6	4.70	5.8	6.3	6.05	9.9	9.9	9.90	5.0	5.3	5.15	4.0	3.9	3.95
2-Nov-09	4.7	4.6	4.65	4.8	4.8	4.80	5.1	5.6	5.35	3.4	3.2	3.30	4.2	4.3	4.25
4-Nov-09	4.9	5.0	4.95	6.5	6.4	6.45	7.6	7.8	7.70	4.3	4.7	4.50	6.1	6.6	6.35
6-Nov-09	4.5	4.4	4.45	9.3	9.6	9.45	8.4	8.0	8.20	5.9	5.7	5.80	5.2	5.3	5.25
10-Nov-09	4.8	4.7	4.75	7.3	7.7	7.50	8.4	7.9	8.15	5.0	4.9	4.95	5.2	5.3	5.25
12-Nov-09	3.7	3.8	3.75	6.5	6.6	6.55	7.5	7.1	7.30	4.0	4.1	4.05	6.2	5.9	6.05
14-Nov-09	3.9	4.2	4.05	5.4	5.8	5.60	7.0	6.9	6.95	5.5	5.3	5.40	4.1	4.1	4.10
16-Nov-09	8.2	7.9	8.05	11.3	11.5	11.40	9.3	8.6	8.95	8.3	8.4	8.35	9.3	9.4	9.35

Mid-ebb Date	C7			C8			C9			RC1			RC5		
	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average
21-Oct-09	4.8	4.5	4.65	6.6	6.8	6.70	9.7	9.5	9.60	5.0	4.9	4.95	6.1	6.1	6.10
23-Oct-09	3.8	4.0	3.90	7.0	7.2	7.10	8.6	8.7	8.65	4.7	4.6	4.65	4.2	4.2	4.20
27-Oct-09	5.6	5.6	5.60	7.4	7.4	7.40	8.1	8.0	8.05	5.1	5.3	5.20	5.9	5.9	5.90
29-Oct-09	4.3	4.3	4.30	6.0	6.2	6.10	6.4	6.2	6.30	6.2	6.2	6.20	5.0	4.9	4.95
31-Oct-09	4.0	3.7	3.85	5.3	4.9	5.10	5.6	6.2	5.90	4.4	4.3	4.35	3.9	4.4	4.15
2-Nov-09	2.9	2.6	2.75	6.6	6.0	6.30	6.5	6.5	6.50	4.4	4.3	4.35	4.6	5.6	5.10
4-Nov-09	2.8	2.9	2.85	5.8	5.8	5.80	8.0	7.6	7.80	3.9	4.1	4.00	4.8	4.5	4.65
6-Nov-09	3.4	3.3	3.35	4.5	4.4	4.45	5.2	5.5	5.35	4.3	4.3	4.30	4.9	4.7	4.80
10-Nov-09	4.8	4.3	4.55	5.1	5.1	5.10	5.2	5.2	5.20	4.4	4.3	4.35	3.7	3.8	3.75
12-Nov-09	2.7	2.6	2.65	6.3	6.7	6.50	5.9	5.9	5.90	2.5	2.5	2.50	3.7	4.0	3.85
14-Nov-09	3.6	3.6	3.60	5.6	5.8	5.70	5.8	6.1	5.95	4.3	4.2	4.25	4.5	4.4	4.45
16-Nov-09	8.2	7.9	8.05	9.9	9.9	9.90	8.1	8.5	8.30	9.7	9.4	9.55	8.4	8.4	8.40

Baseline Turbidity Monitoring Data (Oct - Nov 2009)

Mid-flood	RC7		
Date	Value	Value	Average
21-Oct-09	4.9	4.9	4.90
23-Oct-09	4.0	4.1	4.05
27-Oct-09	7.7	7.5	7.60
29-Oct-09	5.5	5.3	5.40
31-Oct-09	4.8	4.8	4.80
2-Nov-09	4.3	4.1	4.20
4-Nov-09	5.0	5.1	5.05
6-Nov-09	5.2	5.4	5.30
10-Nov-09	4.6	4.5	4.55
12-Nov-09	3.4	3.3	3.35
14-Nov-09	3.4	3.1	3.25
16-Nov-09	8.9	8.7	8.80

Mid-ebb	RC7		
Date	Value	Value	Average
21-Oct-09	5.5	5.7	5.60
23-Oct-09	4.4	4.3	4.35
27-Oct-09	9.3	8.0	8.65
29-Oct-09	5.0	4.5	4.75
31-Oct-09	4.3	4.2	4.25
2-Nov-09	4.5	4.2	4.35
4-Nov-09	5.4	4.9	5.15
6-Nov-09	4.9	4.5	4.70
10-Nov-09	6.1	6.8	6.45
12-Nov-09	3.5	3.5	3.50
14-Nov-09	4.2	4.4	4.30
16-Nov-09	8.9	8.9	8.90

Projected Turbidity Monitoring Data (Wet Season) adjusted with Mean Variation Percentage of EPD Marine Monitoring Data (2006 - 2008)

Mid-flood	WSD7		WSD9		WSD10		WSD15		WSD17		WSD19		WSD20		WSD21	
Date	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
21-Oct-09	10.5	10.04	5.7	5.70	6.4	5.98	9.2	8.78	8.0	8.10	6.4	6.18	6.4	6.65	10.6	10.70
	9.6		5.7		5.5		8.4		8.2		6.0		6.9		10.8	
23-Oct-09	5.0	5.51	4.2	4.65	4.0	4.05	10.1	10.23	6.4	6.75	8.6	8.31	6.0	6.05	8.4	8.55
	6.0		5.1		4.1		10.3		7.1		8.0		6.1		8.7	
27-Oct-09	7.8	7.72	5.0	5.08	4.2	4.18	10.1	9.66	8.5	8.55	8.5	8.31	4.1	3.98	10.0	9.81
	7.6		5.2		4.1		9.2		8.6		8.1		3.8		9.6	
29-Oct-09	8.2	8.24	4.7	4.71	6.4	6.43	4.8	4.83	4.6	4.63	5.3	5.29	3.3	3.22	7.3	7.54
	8.2		4.7		6.4		4.8		4.6		5.3		3.2		7.7	
31-Oct-09	6.5	6.02	2.7	2.60	6.3	7.07	9.0	7.89	7.6	7.59	6.9	7.75	4.4	4.09	6.2	6.27
	5.6		2.5		7.8		6.8		7.6		8.6		3.8		6.3	
2-Nov-09	6.0	5.56	4.6	4.65	4.2	3.99	8.1	7.89	6.3	6.24	6.6	6.03	5.6	5.29	6.3	6.02
	5.1		4.7		3.7		7.7		6.2		5.4		5.0		5.7	
4-Nov-09	7.3	7.16	4.7	4.65	6.0	5.92	8.2	8.54	6.2	6.04	4.9	4.98	6.9	7.09	8.4	8.36
	7.0		4.6		5.8		8.9		5.9		5.0		7.3		8.4	
6-Nov-09	8.6	8.49	4.6	4.53	3.9	3.86	5.6	5.56	5.3	5.53	6.4	6.46	6.0	6.11	8.0	7.98
	8.3		4.5		3.9		5.5		5.8		6.5		6.2		8.0	
10-Nov-09	6.5	6.33	4.6	4.40	4.6	4.82	4.7	4.43	7.5	7.72	9.1	9.35	4.4	4.53	8.5	8.67
	6.2		4.2		5.0		4.2		8.0		9.6		4.7		8.9	
12-Nov-09	10.1	9.78	5.5	5.39	9.1	8.75	9.0	8.94	7.7	7.85	11.8	11.57	7.1	7.31	7.3	7.22
	9.5		5.3		8.4		8.9		8.0		11.3		7.5		7.1	
14-Nov-09	2.0	1.90	2.6	2.79	6.3	6.43	3.7	3.62	8.5	8.17	6.3	6.34	6.0	5.78	6.1	6.33
	1.9		3.0		6.6		3.5		7.8		6.4		5.6		6.6	
16-Nov-09	2.0	1.90	2.9	2.85	3.3	3.41	3.9	3.78	3.1	3.09	2.2	2.09	1.9	1.85	10.6	10.95
	1.9		2.9		3.5		3.7		3.1		2.0		1.9		11.3	

Mid-Ebb	WSD7		WSD9		WSD10		WSD15		WSD17		WSD19		WSD20		WSD21	
Date	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
21-Oct-09	5.7	5.66	7.8	8.18	6.7	6.43	11.8	11.92	10.0	9.84	10.8	10.58	7.3	7.20	7.9	7.85
	5.7		8.6		6.2		12.1		9.6		10.3		7.1		7.9	
23-Oct-09	6.4	6.13	5.3	5.64	5.5	5.27	5.0	4.91	6.9	6.30	6.5	6.15	4.6	4.58	7.0	7.16
	5.9		6.0		5.0		4.8		5.7		5.8		4.6		7.3	
27-Oct-09	6.9	6.64	2.9	2.98	4.8	4.63	5.2	5.31	4.4	4.44	4.6	4.31	3.4	3.44	7.6	7.60
	6.4		3.1		4.5		5.5		4.5		4.1		3.5		7.6	
29-Oct-09	4.4	4.38	4.1	4.22	6.3	6.30	5.3	5.48	5.9	5.92	6.2	6.09	3.2	3.11	6.2	6.33
	4.3		4.3		6.3		5.6		5.9		6.0		3.1		6.5	
31-Oct-09	3.8	4.02	4.2	4.40	7.8	8.04	6.1	4.59	5.0	4.76	4.7	4.74	5.1	5.78	5.7	5.57
	4.2		4.6		8.2		3.1		4.5		4.8		6.4		5.4	
2-Nov-09	6.5	6.28	4.5	4.53	4.6	4.69	5.8	5.88	5.9	5.34	6.0	6.34	3.8	3.82	6.1	6.02
	6.1		4.6		4.8		6.0		4.8		6.6		3.8		6.0	
4-Nov-09	3.3	3.35	3.6	3.47	3.5	3.54	9.8	9.58	4.5	4.44	3.9	4.06	4.1	4.04	7.6	7.41
	3.4		3.3		3.6		9.3		4.4		4.2		3.9		7.2	
6-Nov-09	3.9	3.86	3.8	3.72	4.2	4.12	9.2	9.10	5.9	5.79	8.6	8.18	5.8	5.56	7.0	6.84
	3.8		3.6		4.0		9.0		5.7		7.8		5.3		6.7	
10-Nov-09	3.9	3.86	6.4	6.51	3.5	3.54	3.9	3.78	5.3	5.40	5.2	5.29	3.3	3.38	5.6	5.64
	3.8		6.6		3.6		3.7		5.5		5.4		3.5		5.7	
12-Nov-09	5.3	5.25	5.5	5.52	7.8	7.85	8.9	9.02	9.4	9.58	4.9	5.05	3.8	3.87	6.0	5.76
	5.3		5.6		7.8		9.2		9.8		5.2		3.9		5.6	
14-Nov-09	2.3	2.16	3.0	2.98	5.7	5.40	2.6	2.42	3.7	3.86	2.6	2.65	2.6	2.45	6.5	6.40
	2.1		3.0		5.1		2.3		4.0		2.7		2.3		6.3	
16-Nov-09	2.2	2.16	3.0	2.91	3.6	3.54	4.7	4.51	3.6	3.41	3.1	3.14	2.1	2.07	10.9	10.83
	2.2		2.9		3.5		4.3		3.2		3.2		2.1		10.8	

Projected Turbidity Monitoring Data (Wet Season) adjusted with Mean Variation Percentage of EPD Marine Monitoring Data (2006 - 2008)

Mid-flood Date	RW21		C1		C2		C3		C4		C5		C6		C7	
	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
21-Oct-09	13.2	13.30	7.7	7.85	7.2	7.09	10.8	10.32	8.6	9.12	9.6	9.42	6.8	6.84	7.3	7.16
	13.4		8.0		7.0		9.9		9.6		9.3		6.8		7.0	
23-Oct-09	10.4	10.32	7.6	7.22	7.0	7.03	7.7	7.66	9.1	9.12	8.5	8.36	7.3	7.28	8.6	8.42
	10.3		6.8		7.1		7.6		9.1		8.2		7.2		8.2	
27-Oct-09	9.9	9.81	6.5	6.52	9.9	10.07	9.9	9.69	8.9	8.86	9.2	9.18	9.4	9.31	7.0	6.97
	9.8		6.6		10.3		9.5		8.9		9.1		9.2		7.0	
29-Oct-09	8.1	7.92	6.2	6.21	7.9	7.92	9.4	8.74	11.8	11.14	9.4	9.43	8.0	7.60	9.8	9.50
	7.7		6.2		8.0		8.1		10.5		9.5		7.2		9.2	
31-Oct-09	6.0	6.65	5.2	5.45	8.4	8.11	6.0	6.02	6.5	6.71	6.0	5.95	5.2	5.13	6.1	5.95
	7.3		5.7		7.9		6.1		7.0		6.0		5.1		5.8	
2-Nov-09	5.4	5.26	7.6	7.47	4.7	4.62	4.2	4.12	4.2	4.12	4.6	4.31	7.1	7.22	6.0	5.89
	5.1		7.3		4.6		4.1		4.1		4.1		7.3		5.8	
4-Nov-09	7.1	6.97	5.1	5.00	6.6	6.33	7.9	8.04	7.5	7.35	7.5	7.28	6.1	5.89	6.2	6.27
	6.8		4.9		6.1		8.2		7.2		7.1		5.7		6.3	
6-Nov-09	8.2	8.11	4.6	4.62	7.9	7.73	6.0	5.83	8.1	7.92	8.1	8.04	4.1	4.12	5.7	5.64
	8.0		4.7		7.6		5.7		7.7		8.0		4.2		5.6	
10-Nov-09	6.1	6.40	5.1	4.94	7.3	7.41	7.2	7.35	8.6	8.42	8.4	8.55	6.7	6.59	6.1	6.02
	6.7		4.8		7.5		7.5		8.2		8.7		6.5		6.0	
12-Nov-09	6.0	5.83	4.1	3.99	5.8	5.70	6.1	5.95	6.8	6.97	6.7	6.84	4.6	4.62	4.7	4.75
	5.7		3.9		5.6		5.8		7.1		7.0		4.7		4.8	
14-Nov-09	7.7	7.54	5.1	4.88	7.5	7.28	4.8	4.88	5.8	5.89	6.2	6.27	5.7	5.57	4.9	5.13
	7.3		4.7		7.1		4.9		6.0		6.3		5.4		5.3	
16-Nov-09	10.0	10.00	10.6	10.95	11.4	11.14	10.5	10.45	11.9	11.71	11.5	11.21	10.1	9.94	10.4	10.19
	10.0		11.3		10.9		10.4		11.5		10.9		9.8		10.0	

Mid-Ebb Date	RW21		C1		C2		C3		C4		C5		C6		C7	
	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
21-Oct-09	8.4	8.36	6.5	6.65	7.7	7.85	6.6	6.65	8.6	8.61	9.8	9.88	7.0	6.78	6.1	5.89
	8.4		6.8		8.0		6.7		8.6		10.0		6.6		5.7	
23-Oct-09	6.2	6.27	7.0	7.16	7.6	7.22	8.9	8.61	6.8	6.84	6.7	6.84	7.1	7.09	4.8	4.94
	6.3		7.3		6.8		8.4		6.8		7.0		7.1		5.1	
27-Oct-09	7.5	7.47	10.6	10.57	6.5	6.52	6.8	6.84	8.4	8.17	8.0	7.92	7.9	7.92	7.1	7.09
	7.5		10.5		6.6		6.8		8.0		7.9		8.0		7.1	
29-Oct-09	6.1	6.08	7.6	7.73	6.2	6.21	6.0	5.89	6.3	6.21	6.5	6.40	6.1	6.08	5.4	5.45
	6.1		7.9		6.2		5.8		6.1		6.3		6.1		5.4	
31-Oct-09	5.8	5.79	6.2	6.08	5.2	5.45	4.8	4.88	5.6	5.32	6.1	6.02	7.3	7.54	5.1	4.88
	5.8		6.0		5.7		4.9		5.1		6.0		7.7		4.7	
2-Nov-09	3.9	3.86	5.7	5.26	7.6	7.47	8.4	8.23	7.7	7.35	5.3	5.26	4.8	4.88	3.7	3.48
	3.8		4.8		7.3		8.1		7.0		5.2		4.9		3.3	
4-Nov-09	6.6	6.55	5.8	5.95	5.1	5.00	7.9	7.73	8.4	8.11	6.2	6.52	6.8	6.59	3.5	3.61
	6.5		6.1		4.9		7.6		7.9		6.8		6.3		3.7	
6-Nov-09	5.3	5.41	6.1	6.02	4.6	4.62	5.7	5.64	5.2	5.32	9.4	9.56	5.1	5.07	4.3	4.24
	5.5		6.0		4.7		5.6		5.4		9.8		5.1		4.2	
10-Nov-09	4.8	4.94	5.8	5.76	5.1	4.94	5.6	5.45	6.5	6.27	5.6	5.57	6.3	6.21	6.1	5.76
	5.1		5.7		4.8		5.3		6.1		5.6		6.1		5.4	
12-Nov-09	5.8	5.76	5.8	5.70	4.1	3.99	3.5	3.48	3.5	3.67	6.2	6.08	5.4	5.45	3.4	3.36
	5.7		5.6		3.9		3.4		3.8		6.0		5.4		3.3	
14-Nov-09	8.1	8.01	5.6	5.38	5.1	4.88	6.0	6.08	6.1	6.02	8.5	8.29	6.7	6.65	4.6	4.56
	7.9		5.2		4.7		6.2		6.0		8.1		6.6		4.6	
16-Nov-09	11.4	11.37	11.7	11.40	10.6	10.95	11.3	11.21	11.1	11.27	11.8	11.84	11.3	11.08	10.4	10.19
	11.3		11.1		11.3		11.1		11.4		11.9		10.9		10.0	

Projected Turbidity Monitoring Data (Wet Season) adjusted with Mean Variation Percentage of EPD Marine Monitoring Data (2006 - 2008)

Mid-flood	C8		C9		RC1		RC5		RC7	
Date	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
21-Oct-09	11.0	11.10	10.2	10.11	7.2	7.41	8.1	8.11	6.2	6.21
	11.2		10.0		7.6		8.1		6.2	
23-Oct-09	11.7	12.09	12.6	12.65	7.0	6.97	9.5	9.43	5.1	5.13
	12.5		12.6		7.0		9.4		5.2	
27-Oct-09	12.4	12.46	13.5	13.70	10.0	10.07	9.6	9.56	9.8	9.62
	12.5		13.9		10.1		9.5		9.5	
29-Oct-09	10.7	10.91	12.9	13.14	8.2	7.79	8.1	7.92	7.0	6.84
	11.2		13.4		7.3		7.7		6.7	
31-Oct-09	7.2	7.50	12.3	12.28	6.3	6.52	5.1	5.00	6.1	6.08
	7.8		12.3		6.7		4.9		6.1	
2-Nov-09	6.0	5.95	6.3	6.63	4.3	4.18	5.3	5.38	5.4	5.32
	6.0		6.9		4.1		5.4		5.2	
4-Nov-09	8.1	8.00	9.4	9.55	5.4	5.70	7.7	8.04	6.3	6.40
	7.9		9.7		6.0		8.4		6.5	
6-Nov-09	11.5	11.72	10.4	10.17	7.5	7.35	6.6	6.65	6.6	6.71
	11.9		9.9		7.2		6.7		6.8	
10-Nov-09	9.1	9.30	10.4	10.11	6.3	6.27	6.6	6.65	5.8	5.76
	9.5		9.8		6.2		6.7		5.7	
12-Nov-09	8.1	8.12	9.3	9.05	5.1	5.13	7.9	7.66	4.3	4.24
	8.2		8.8		5.2		7.5		4.2	
14-Nov-09	6.7	6.94	8.7	8.62	7.0	6.84	5.2	5.19	4.3	4.12
	7.2		8.6		6.7		5.2		3.9	
16-Nov-09	14.0	14.14	11.5	11.10	10.5	10.57	11.8	11.84	11.3	11.14
	14.3		10.7		10.6		11.9		11.0	

Mid-Ebb	C8		C9		RC1		RC5		RC7	
Date	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
21-Oct-09	8.2	8.31	12.0	11.90	6.3	6.27	7.7	7.73	7.0	7.09
	8.4		11.8		6.2		7.7		7.2	
23-Oct-09	8.7	8.80	10.7	10.73	6.0	5.89	5.3	5.32	5.6	5.51
	8.9		10.8		5.8		5.3		5.4	
27-Oct-09	9.2	9.18	10.0	9.98	6.5	6.59	7.5	7.47	11.8	10.95
	9.2		9.9		6.7		7.5		10.1	
29-Oct-09	7.4	7.56	7.9	7.81	7.9	7.85	6.3	6.27	6.3	6.02
	7.7		7.7		7.9		6.2		5.7	
31-Oct-09	6.6	6.32	6.9	7.32	5.6	5.51	4.9	5.26	5.4	5.38
	6.1		7.7		5.4		5.6		5.3	
2-Nov-09	8.2	7.81	8.1	8.06	5.6	5.51	5.8	6.46	5.7	5.51
	7.4		8.1		5.4		7.1		5.3	
4-Nov-09	7.2	7.19	9.9	9.67	4.9	5.07	6.1	5.89	6.8	6.52
	7.2		9.4		5.2		5.7		6.2	
6-Nov-09	5.6	5.52	6.4	6.63	5.4	5.45	6.2	6.08	6.2	5.95
	5.5		6.8		5.4		6.0		5.7	
10-Nov-09	6.3	6.32	6.4	6.45	5.6	5.51	4.7	4.75	7.7	8.17
	6.3		6.4		5.4		4.8		8.6	
12-Nov-09	7.8	8.06	7.3	7.32	3.2	3.17	4.7	4.88	4.4	4.43
	8.3		7.3		3.2		5.1		4.4	
14-Nov-09	6.9	7.07	7.2	7.38	5.4	5.38	5.7	5.64	5.3	5.45
	7.2		7.6		5.3		5.6		5.6	
16-Nov-09	12.3	12.28	10.0	10.29	12.3	12.09	10.6	10.64	11.3	11.27
	12.3		10.5		11.9		10.6		11.3	

Baseline DO Monitoring Data (Oct - Nov 2009)

Mid-flood Date	WSD7			WSD9			WSD10			WSD15			WSD17		
	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average
21-Oct-09	4.40	4.40	4.40	4.70	4.82	4.76	5.14	5.10	5.12	5.14	5.17	5.16	5.38	5.20	5.29
23-Oct-09	4.91	4.38	4.65	4.27	4.40	4.34	4.51	4.47	4.49	4.68	4.60	4.64	4.88	4.86	4.87
27-Oct-09	4.20	4.23	4.22	4.96	4.91	4.94	4.68	4.65	4.67	4.44	4.38	4.41	4.92	4.66	4.79
29-Oct-09	4.76	4.63	4.70	4.90	4.89	4.90	6.07	6.01	6.04	4.48	4.37	4.43	4.60	4.52	4.56
31-Oct-09	4.51	4.62	4.57	5.10	5.04	5.07	4.93	4.86	4.90	4.88	4.79	4.84	4.75	4.80	4.78
2-Nov-09	5.14	5.16	5.15	5.26	5.31	5.29	5.42	5.55	5.49	5.68	5.70	5.69	5.85	5.34	5.60
4-Nov-09	6.23	6.12	6.18	6.44	6.34	6.39	6.48	6.46	6.47	6.59	6.45	6.52	6.53	6.62	6.58
6-Nov-09	5.50	5.43	5.47	5.34	5.30	5.32	5.59	5.58	5.59	5.63	5.65	5.64	5.63	5.61	5.62
10-Nov-09	5.18	5.17	5.18	4.67	4.61	4.64	5.13	5.08	5.11	4.89	4.91	4.90	5.21	5.12	5.17
12-Nov-09	3.38	3.63	3.51	3.32	3.41	3.37	3.49	3.68	3.59	3.30	3.63	3.47	3.91	4.06	3.99
14-Nov-09	6.82	6.76	6.79	8.25	8.33	8.29	7.98	8.32	8.15	8.52	8.62	8.57	8.40	8.43	8.42
16-Nov-09	7.45	7.38	7.42	8.58	8.55	8.57	7.48	7.47	7.48	7.43	7.42	7.43	8.90	8.29	8.60

Mid-ebb Date	WSD7			WSD9			WSD10			WSD15			WSD17		
	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average
21-Oct-09	4.89	4.83	4.86	4.78	4.78	4.78	5.09	5.03	5.06	4.93	4.88	4.91	4.99	4.67	4.83
23-Oct-09	4.07	3.88	3.98	4.44	4.36	4.40	5.56	5.38	5.47	4.65	4.62	4.64	4.33	4.16	4.25
27-Oct-09	4.79	4.57	4.68	4.70	4.64	4.67	4.58	4.66	4.62	4.28	4.23	4.26	5.02	4.72	4.87
29-Oct-09	5.37	5.37	5.37	5.39	5.17	5.28	5.06	4.97	5.02	4.87	4.79	4.83	4.31	4.24	4.28
31-Oct-09	4.50	4.42	4.46	5.22	5.13	5.18	5.83	5.88	5.86	5.14	5.22	5.18	5.07	5.27	5.17
2-Nov-09	5.13	5.06	5.10	5.28	5.21	5.25	5.18	5.14	5.16	4.45	4.32	4.39	4.22	4.29	4.26
4-Nov-09	6.14	6.12	6.13	6.20	6.19	6.20	6.29	6.27	6.28	6.40	6.46	6.43	6.20	6.16	6.18
6-Nov-09	5.31	5.31	5.31	5.66	5.65	5.66	5.79	5.73	5.76	5.75	5.74	5.75	5.55	5.61	5.58
10-Nov-09	6.03	5.97	6.00	5.49	5.38	5.44	4.36	4.29	4.33	4.67	4.64	4.66	5.35	5.41	5.38
12-Nov-09	4.84	4.81	4.83	3.59	3.71	3.65	4.70	4.69	4.70	2.81	3.04	2.93	3.13	3.40	3.27
14-Nov-09	7.12	7.16	7.14	8.57	8.58	8.58	8.57	8.43	8.50	8.54	8.57	8.56	8.45	8.41	8.43
16-Nov-09	7.85	7.72	7.79	8.77	8.76	8.77	6.66	6.61	6.64	6.87	6.80	6.84	7.18	7.09	7.14

Baseline DO Monitoring Data (Oct - Nov 2009)

Mid-flood	WSD19			WSD20			WSD21			RW1			C1		
Date	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average
21-Oct-09	4.36	4.45	4.41	5.31	4.78	5.05	4.49	4.49	4.49	4.74	4.66	4.70	4.75	4.52	4.64
23-Oct-09	3.71	3.60	3.66	4.78	4.58	4.68	3.92	3.86	3.89	4.35	4.35	4.35	4.62	4.48	4.55
27-Oct-09	3.94	3.83	3.89	3.82	3.88	3.85	4.45	4.34	4.40	4.35	4.32	4.34	4.64	4.64	4.64
29-Oct-09	4.99	4.92	4.96	4.59	4.55	4.57	4.66	4.61	4.64	4.75	4.71	4.73	4.84	4.82	4.83
31-Oct-09	4.33	4.31	4.32	4.04	4.11	4.08	4.89	4.87	4.88	5.22	5.20	5.21	4.82	4.81	4.82
2-Nov-09	5.57	5.40	5.49	5.30	5.35	5.33	4.90	4.55	4.73	5.28	4.66	4.97	4.80	4.78	4.79
4-Nov-09	6.38	6.31	6.35	6.48	6.41	6.45	4.82	4.76	4.79	4.79	4.96	4.88	4.53	4.60	4.57
6-Nov-09	5.17	5.11	5.14	5.79	5.78	5.79	4.73	4.67	4.70	4.56	4.55	4.56	4.69	4.61	4.65
10-Nov-09	5.54	5.52	5.53	5.38	5.32	5.35	4.50	4.45	4.48	4.59	4.55	4.57	4.68	4.66	4.67
12-Nov-09	3.30	3.42	3.36	3.18	3.51	3.35	3.93	3.86	3.90	4.11	4.05	4.08	3.69	3.64	3.67
14-Nov-09	8.03	7.74	7.89	7.98	7.99	7.99	3.53	3.48	3.51	4.32	4.13	4.23	4.43	4.47	4.45
16-Nov-09	7.36	7.19	7.28	8.55	8.50	8.53	4.66	4.32	4.49	4.58	4.47	4.53	5.33	5.43	5.38

Mid-ebb	WSD19			WSD20			WSD21			RW1			C1		
Date	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average
21-Oct-09	4.70	4.93	4.82	4.80	4.80	4.80	4.84	4.84	4.84	4.56	4.48	4.52	4.55	4.44	4.50
23-Oct-09	4.04	4.25	4.15	4.52	4.48	4.50	3.67	3.65	3.66	4.93	4.55	4.74	4.38	4.38	4.38
27-Oct-09	4.92	4.99	4.96	4.92	5.05	4.99	4.60	4.41	4.51	4.66	4.46	4.56	4.81	4.64	4.73
29-Oct-09	4.71	4.63	4.67	5.10	5.02	5.06	4.81	4.71	4.76	4.83	4.78	4.81	4.66	4.54	4.60
31-Oct-09	4.07	4.14	4.11	4.69	4.43	4.56	5.22	4.98	5.10	5.06	4.86	4.96	5.20	5.17	5.19
2-Nov-09	4.28	4.43	4.36	4.86	4.94	4.90	4.90	4.79	4.85	5.50	5.62	5.56	4.99	4.82	4.91
4-Nov-09	6.58	6.55	6.57	6.66	6.53	6.60	4.52	4.44	4.48	4.63	4.52	4.58	5.65	5.60	5.63
6-Nov-09	5.78	5.76	5.77	5.93	5.92	5.93	3.96	3.90	3.93	4.01	3.99	4.00	4.79	4.75	4.77
10-Nov-09	5.95	5.93	5.94	5.74	5.67	5.71	4.65	4.55	4.60	4.67	4.62	4.65	4.50	4.38	4.44
12-Nov-09	2.96	3.02	2.99	3.67	3.76	3.72	3.75	3.73	3.74	3.85	3.78	3.82	3.96	3.91	3.94
14-Nov-09	8.39	8.23	8.31	7.91	7.84	7.88	4.62	4.52	4.57	4.63	4.57	4.60	4.55	4.32	4.44
16-Nov-09	8.33	8.20	8.27	8.76	8.70	8.73	6.67	6.49	6.58	6.33	6.22	6.28	4.02	4.05	4.04

Baseline DO Monitoring Data (Oct - Nov 2009)

Mid-flood Date	C2			C3			C4			C5			C6		
	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average
21-Oct-09	4.52	4.46	4.49	4.46	4.39	4.43	4.46	4.29	4.38	4.55	4.48	4.52	3.51	3.44	3.48
23-Oct-09	4.23	3.96	4.10	4.22	4.09	4.16	4.22	4.01	4.12	4.88	4.32	4.60	2.83	2.63	2.73
27-Oct-09	4.39	4.25	4.32	4.42	4.36	4.39	4.55	4.45	4.50	4.46	4.36	4.41	3.56	3.29	3.43
29-Oct-09	4.69	4.60	4.65	4.60	4.61	4.61	4.58	4.51	4.55	4.70	4.60	4.65	3.73	3.29	3.51
31-Oct-09	4.87	4.83	4.85	5.05	5.02	5.04	5.12	4.99	5.06	5.03	4.92	4.98	4.03	3.92	3.98
2-Nov-09	4.69	4.59	4.64	5.07	4.85	4.96	4.71	4.66	4.69	5.31	4.65	4.98	3.85	3.76	3.81
4-Nov-09	5.36	5.01	5.19	5.34	5.31	5.33	5.24	5.20	5.22	4.83	4.73	4.78	3.85	3.74	3.80
6-Nov-09	4.70	4.60	4.65	4.61	4.58	4.60	4.58	4.54	4.56	4.74	4.66	4.70	3.46	3.34	3.40
10-Nov-09	4.53	4.44	4.49	4.44	4.45	4.45	4.42	4.35	4.39	4.54	4.44	4.49	3.57	3.13	3.35
12-Nov-09	3.84	3.78	3.81	3.97	3.95	3.96	3.87	3.81	3.84	3.87	3.81	3.84	2.76	2.70	2.73
14-Nov-09	4.47	4.44	4.46	4.27	4.18	4.23	3.97	3.95	3.96	3.81	3.67	3.74	3.16	3.19	3.18
16-Nov-09	3.99	3.91	3.95	4.32	4.25	4.29	4.34	4.26	4.30	4.43	4.33	4.38	3.15	3.20	3.18

Mid-ebb Date	C2			C3			C4			C5			C6		
	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average
21-Oct-09	4.47	4.47	4.47	4.73	4.64	4.69	4.84	4.83	4.84	4.26	4.26	4.26	3.74	3.71	3.73
23-Oct-09	4.03	3.95	3.99	4.08	4.00	4.04	3.99	3.91	3.95	4.07	3.94	4.01	3.68	3.35	3.52
27-Oct-09	4.75	4.59	4.67	4.53	4.42	4.48	4.58	4.44	4.51	4.31	4.18	4.25	4.29	3.85	4.07
29-Oct-09	5.02	4.97	5.00	4.98	4.84	4.91	4.77	4.76	4.77	4.84	4.79	4.82	3.08	2.98	3.03
31-Oct-09	5.11	5.01	5.06	4.77	4.75	4.76	4.79	4.75	4.77	5.06	4.81	4.94	4.49	3.43	3.96
2-Nov-09	5.16	5.01	5.09	4.74	4.73	4.74	4.84	4.80	4.82	5.19	5.02	5.11	4.46	4.28	4.37
4-Nov-09	5.03	5.01	5.02	4.79	4.79	4.79	4.69	4.61	4.65	4.93	4.58	4.76	4.47	4.28	4.38
6-Nov-09	4.41	4.33	4.37	4.35	4.30	4.33	4.09	4.05	4.07	3.98	3.96	3.97	3.80	3.76	3.78
10-Nov-09	4.86	4.81	4.84	4.82	4.68	4.75	4.61	4.60	4.61	4.68	4.63	4.66	2.92	2.82	2.87
12-Nov-09	3.86	3.83	3.85	4.07	4.00	4.04	3.88	3.83	3.86	3.99	3.92	3.96	2.81	2.77	2.79
14-Nov-09	4.59	4.68	4.64	4.60	4.55	4.58	4.56	4.48	4.52	4.76	4.75	4.76	3.89	3.80	3.85
16-Nov-09	5.75	5.54	5.65	6.22	6.09	6.16	5.58	5.37	5.48	6.11	6.11	6.11	5.64	5.21	5.43

Baseline DO Monitoring Data (Oct - Nov 2009)

Mid-flood	C7			C8			C9			RC1			RC5		
Date	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average
21-Oct-09	4.07	3.91	3.99	4.96	4.96	4.96	4.93	4.78	4.86	4.15	4.15	4.15	4.54	4.55	4.55
23-Oct-09	3.51	3.38	3.45	4.19	4.07	4.13	3.83	3.81	3.82	4.18	4.18	4.18	3.94	3.92	3.93
27-Oct-09	3.76	3.35	3.56	3.90	3.63	3.77	4.22	3.46	3.84	4.42	4.30	4.36	4.52	4.48	4.50
29-Oct-09	4.23	4.09	4.16	4.16	4.04	4.10	3.55	3.45	3.50	4.65	4.62	4.64	4.74	4.72	4.73
31-Oct-09	4.27	4.19	4.23	4.63	4.53	4.58	4.05	3.99	4.02	5.00	4.93	4.97	5.28	5.32	5.30
2-Nov-09	4.32	3.60	3.96	4.03	3.90	3.97	4.90	4.45	4.68	4.53	4.49	4.51	4.42	4.34	4.38
4-Nov-09	3.89	3.82	3.86	4.36	4.32	4.34	4.58	4.47	4.53	5.80	5.77	5.79	4.80	4.76	4.78
6-Nov-09	3.89	3.78	3.84	4.43	4.42	4.43	4.66	4.59	4.63	4.52	4.46	4.49	4.76	4.66	4.71
10-Nov-09	4.07	3.93	4.00	4.00	3.88	3.94	3.39	3.29	3.34	4.49	4.46	4.48	4.58	4.56	4.57
12-Nov-09	2.87	2.82	2.85	3.98	3.94	3.96	3.99	3.92	3.96	3.90	3.82	3.86	3.89	3.85	3.87
14-Nov-09	3.09	3.12	3.11	4.65	4.57	4.61	4.51	4.48	4.50	4.77	4.75	4.76	3.96	3.91	3.94
16-Nov-09	3.97	3.65	3.81	6.37	6.33	6.35	6.33	6.13	6.23	3.62	3.68	3.65	4.32	4.35	4.34

Mid-ebb	C7			C8			C9			RC1			RC5		
Date	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average
21-Oct-09	3.67	3.65	3.66	4.96	4.78	4.87	5.01	5.13	5.07	4.51	4.43	4.47	4.73	4.61	4.67
23-Oct-09	3.79	3.52	3.66	4.64	4.54	4.59	5.43	4.50	4.97	3.91	3.86	3.89	4.05	4.05	4.05
27-Oct-09	3.69	3.71	3.70	4.44	4.44	4.44	4.64	4.45	4.55	4.18	4.06	4.12	4.21	4.16	4.19
29-Oct-09	3.58	3.53	3.56	4.41	4.40	4.41	4.78	4.64	4.71	4.74	4.74	4.74	4.83	4.73	4.78
31-Oct-09	4.09	3.88	3.99	4.73	4.71	4.72	4.88	4.75	4.82	4.58	4.60	4.59	4.92	4.76	4.84
2-Nov-09	4.80	4.56	4.68	4.95	4.90	4.93	3.89	4.03	3.96	4.79	4.70	4.75	5.64	5.58	5.61
4-Nov-09	4.92	4.65	4.79	5.76	5.74	5.75	5.69	5.65	5.67	4.71	4.63	4.67	4.61	4.62	4.62
6-Nov-09	3.98	3.96	3.97	5.42	5.36	5.39	5.31	5.21	5.26	4.18	4.16	4.17	4.13	4.04	4.09
10-Nov-09	3.42	3.37	3.40	4.25	4.24	4.25	4.62	4.48	4.55	4.58	4.58	4.58	4.67	4.57	4.62
12-Nov-09	3.01	2.98	3.00	4.11	4.03	4.07	3.94	3.87	3.91	3.98	3.90	3.94	3.79	3.77	3.78
14-Nov-09	3.94	3.92	3.93	4.39	4.47	4.43	4.54	4.58	4.56	4.61	4.59	4.60	4.58	4.63	4.61
16-Nov-09	5.15	5.12	5.14	6.39	6.33	6.36	5.93	5.89	5.91	5.86	5.93	5.90	6.91	6.66	6.79

Baseline DO Monitoring Data (Oct - Nov 2009)

Mid-flood	RC7		
Date	Value	Value	Average
21-Oct-09	3.53	3.53	3.53
23-Oct-09	3.57	3.17	3.37
27-Oct-09	5.06	3.67	4.37
29-Oct-09	4.16	4.02	4.09
31-Oct-09	4.27	4.14	4.21
2-Nov-09	4.04	3.73	3.89
4-Nov-09	3.88	3.66	3.77
6-Nov-09	3.60	3.51	3.56
10-Nov-09	4.00	3.86	3.93
12-Nov-09	1.71	1.67	1.69
14-Nov-09	2.16	2.12	2.14
16-Nov-09	4.32	4.32	4.32

Mid-ebb	RC7		
Date	Value	Value	Average
21-Oct-09	3.69	3.71	3.70
23-Oct-09	4.17	3.81	3.99
27-Oct-09	4.57	4.07	4.32
29-Oct-09	4.09	3.67	3.88
31-Oct-09	4.16	4.00	4.08
2-Nov-09	4.78	4.54	4.66
4-Nov-09	5.04	4.91	4.98
6-Nov-09	3.94	3.88	3.91
10-Nov-09	3.93	3.51	3.72
12-Nov-09	2.73	2.70	2.72
14-Nov-09	3.58	3.62	3.60
16-Nov-09	5.53	5.53	5.53

Projected DO Monitoring Data (Wet Season) adjusted with Mean Variation Percentage of EPD Marine Monitoring Data (2006 - 2008)

Mid-flood	WSD7		WSD9		WSD10		WSD15		WSD17		WSD19		WSD20		WSD21	
Date	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
21-Oct-09	4.01	4.01	4.26	4.31	4.50	4.48	3.80	3.81	4.71	4.63	3.97	4.01	4.53	4.30	4.01	4.01
	4.01		4.37		4.47		3.82		4.55		4.05		4.07			
23-Oct-09	4.47	4.23	3.87	3.93	3.95	3.93	3.46	3.43	4.27	4.27	3.22	3.17	4.07	3.99	3.51	3.48
	3.99		3.99		3.91		3.40		4.26		3.13		3.90			
27-Oct-09	3.82	3.84	4.50	4.47	4.10	4.09	3.28	3.26	4.31	4.19	3.42	3.37	3.26	3.28	3.98	3.93
	3.85		4.45		4.07		3.23		4.08		3.33		3.31			
29-Oct-09	4.33	4.27	4.44	4.44	5.32	5.29	3.31	3.27	4.03	3.99	4.33	4.30	3.91	3.89	4.17	4.14
	4.21		4.43		5.26		3.23		3.96		4.27		3.88			
31-Oct-09	4.11	4.16	4.62	4.60	4.32	4.29	3.60	3.57	4.16	4.18	3.76	3.75	3.44	3.47	4.37	4.36
	4.21		4.57		4.26		3.54		4.20		3.74		3.50			
2-Nov-09	4.68	4.69	4.77	4.79	4.75	4.80	4.19	4.20	5.12	4.90	4.84	4.76	4.52	4.54	4.38	4.22
	4.70		4.81		4.86		4.21		4.68		4.69		4.56			
4-Nov-09	5.67	5.62	5.84	5.79	5.68	5.67	4.87	4.81	5.72	5.76	5.54	5.51	5.52	5.49	4.31	4.28
	5.57		5.75		5.66		4.76		5.80		5.48		5.46			
6-Nov-09	5.01	4.97	4.84	4.82	4.90	4.89	4.16	4.16	4.93	4.92	4.49	4.46	4.93	4.93	4.23	4.20
	4.94		4.80		4.89		4.17		4.91		4.44		4.93			
10-Nov-09	4.72	4.71	4.23	4.21	4.49	4.47	3.61	3.62	4.56	4.52	4.81	4.80	4.59	4.56	4.02	4.00
	4.71		4.18		4.45		3.63		4.48		4.79		4.53			
12-Nov-09	3.08	3.19	3.01	3.05	3.06	3.14	2.44	2.56	3.42	3.49	2.87	2.92	2.71	2.85	3.51	3.48
	3.30		3.09		3.22		2.68		3.56		2.97		2.99			
14-Nov-09	6.21	6.18	7.48	7.51	6.99	7.14	6.29	6.33	7.36	7.37	6.97	6.85	6.80	6.81	3.16	3.13
	6.15		7.55		7.29		6.37		7.38		6.72		6.81			
16-Nov-09	6.78	6.75	7.78	7.76	6.55	6.55	5.49	5.48	7.79	7.53	6.39	6.32	7.29	7.27	4.17	4.01
	6.72		7.75		6.54		5.48		7.26		6.24		7.24			

Mid-Ebb	WSD7		WSD9		WSD10		WSD15		WSD17		WSD19		WSD20		WSD21	
Date	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
21-Oct-09	4.45	4.42	4.33	4.33	4.46	4.43	3.64	3.62	4.37	4.23	4.08	4.18	4.09	4.09	4.33	4.33
	4.40		4.33		4.41		3.60		4.09		4.28		4.09			
23-Oct-09	3.70	3.62	4.02	3.99	4.87	4.79	3.43	3.42	3.79	3.72	3.51	3.60	3.85	3.84	3.28	3.27
	3.53		3.95		4.71		3.41		3.64		3.69		3.82			
27-Oct-09	4.36	4.26	4.26	4.23	4.01	4.05	3.16	3.14	4.40	4.27	4.27	4.30	4.19	4.25	4.11	4.03
	4.16		4.21		4.08		3.12		4.13		4.33		4.30			
29-Oct-09	4.89	4.89	4.89	4.79	4.43	4.39	3.60	3.57	3.77	3.74	4.09	4.06	4.35	4.31	4.30	4.26
	4.89		4.69		4.35		3.54		3.71		4.02		4.28			
31-Oct-09	4.10	4.06	4.73	4.69	5.11	5.13	3.80	3.83	4.44	4.53	3.53	3.57	4.00	3.89	4.67	4.56
	4.02		4.65		5.15		3.85		4.62		3.60		3.78			
2-Nov-09	4.67	4.64	4.79	4.75	4.54	4.52	3.29	3.24	3.70	3.73	3.72	3.78	4.14	4.18	4.38	4.33
	4.61		4.72		4.50		3.19		3.76		3.85		4.21			
4-Nov-09	5.59	5.58	5.62	5.62	5.51	5.50	4.73	4.75	5.43	5.41	5.71	5.70	5.68	5.62	4.04	4.01
	5.57		5.61		5.49		4.77		5.39		5.69		5.57			
6-Nov-09	4.83	4.83	5.13	5.13	5.07	5.04	4.25	4.24	4.86	4.89	5.02	5.01	5.05	5.05	3.54	3.51
	4.83		5.12		5.02		4.24		4.91		5.00		5.05			
10-Nov-09	5.49	5.46	4.98	4.93	3.82	3.79	3.45	3.44	4.69	4.71	5.17	5.16	4.89	4.86	4.16	4.11
	5.43		4.88		3.76		3.43		4.74		5.15		4.83			
12-Nov-09	4.41	4.39	3.25	3.31	4.12	4.11	2.07	2.16	2.74	2.86	2.57	2.60	3.13	3.17	3.35	3.34
	4.38		3.36		4.11		2.24		2.98		2.62		3.20			
14-Nov-09	6.48	6.50	7.77	7.77	7.51	7.44	6.31	6.32	7.40	7.38	7.29	7.22	6.74	6.71	4.13	4.09
	6.52		7.78		7.38		6.33		7.37		7.15		6.68			
16-Nov-09	7.15	7.09	7.95	7.94	5.83	5.81	5.07	5.05	6.29	6.25	7.23	7.18	7.47	7.44	5.96	5.88
	7.03		7.94		5.79		5.02		6.21		7.12		7.41			

Projected DO Monitoring Data (Wet Season) adjusted with Mean Variation Percentage of EPD Marine Monitoring Data (2006 - 2008)

Mid-flood	RW21		C1		C2		C3		C4		C5		C6		C7	
Date	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
21-Oct-09	4.24	4.20	4.25	4.14	4.04	4.01	3.99	3.96	3.99	3.91	4.14	4.11	3.14	3.11	3.64	3.57
	4.17		4.04		3.99		3.93		3.84		4.08		3.08		3.50	
23-Oct-09	3.89	3.89	4.13	4.07	3.78	3.66	3.77	3.72	3.77	3.68	4.36	4.11	2.53	2.44	3.14	3.08
	3.89		4.01		3.54		3.66		3.59		3.86		2.35		3.02	
27-Oct-09	3.89	3.88	4.15	4.15	3.93	3.86	3.95	3.93	4.07	4.02	3.99	3.94	3.18	3.06	3.36	3.18
	3.86		4.15		3.80		3.90		3.98		3.90		2.94		3.00	
29-Oct-09	4.25	4.23	4.33	4.32	4.19	4.15	4.11	4.12	4.10	4.06	4.20	4.16	3.34	3.14	3.78	3.72
	4.21		4.31		4.11		4.12		4.03		4.11		2.94		3.66	
31-Oct-09	4.67	4.66	4.31	4.31	4.35	4.34	4.52	4.50	4.58	4.52	4.50	4.45	3.60	3.55	3.82	3.78
	4.65		4.30		4.32		4.49		4.46		4.40		3.51		3.75	
2-Nov-09	4.72	4.44	4.29	4.28	4.19	4.15	4.53	4.44	4.21	4.19	4.75	4.45	3.44	3.40	3.86	3.54
	4.17		4.27		4.10		4.34		4.17		4.16		3.36		3.22	
4-Nov-09	4.28	4.36	4.05	4.08	4.79	4.64	4.77	4.76	4.69	4.67	4.32	4.27	3.44	3.39	3.48	3.45
	4.44		4.11		4.48		4.75		4.65		4.23		3.34		3.42	
6-Nov-09	4.08	4.07	4.19	4.16	4.20	4.16	4.12	4.11	4.10	4.08	4.24	4.20	3.09	3.04	3.48	3.43
	4.07		4.12		4.11		4.10		4.06		4.17		2.99		3.38	
10-Nov-09	4.10	4.09	4.18	4.18	4.05	4.01	3.97	3.97	3.95	3.92	4.06	4.01	3.19	3.00	3.64	3.58
	4.07		4.17		3.97		3.98		3.89		3.97		2.80		3.51	
12-Nov-09	3.67	3.65	3.30	3.28	3.43	3.41	3.55	3.54	3.46	3.43	3.46	3.43	2.47	2.44	2.57	2.54
	3.62		3.25		3.38		3.53		3.41		3.41		2.41		2.52	
14-Nov-09	3.86	3.78	3.96	3.98	4.00	3.98	3.82	3.78	3.55	3.54	3.41	3.34	2.83	2.84	2.76	2.78
	3.69		4.00		3.97		3.74		3.53		3.28		2.85		2.79	
16-Nov-09	4.10	4.05	4.77	4.81	3.57	3.53	3.86	3.83	3.88	3.84	3.96	3.92	2.82	2.84	3.55	3.41
	4.00		4.86		3.50		3.80		3.81		3.87		2.86		3.26	

Mid-Ebb	RW21		C1		C2		C3		C4		C5		C6		C7	
Date	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
21-Oct-09	4.08	4.06	4.07	4.02	4.00	4.00	4.23	4.19	4.33	4.32	3.81	3.81	3.34	3.33	3.28	3.27
	4.04		3.97		4.00		4.15		4.32		3.81		3.32		3.26	
23-Oct-09	4.41	4.32	3.92	3.92	3.60	3.57	3.65	3.61	3.57	3.53	3.64	3.58	3.29	3.14	3.39	3.27
	4.24		3.92		3.53		3.58		3.50		3.52		3.00		3.15	
27-Oct-09	4.17	4.12	4.30	4.22	4.25	4.18	4.05	4.00	4.10	4.03	3.85	3.80	3.84	3.64	3.30	3.31
	4.08		4.15		4.10		3.95		3.97		3.74		3.44		3.32	
29-Oct-09	4.32	4.31	4.17	4.11	4.49	4.47	4.45	4.39	4.27	4.26	4.33	4.31	2.75	2.71	3.20	3.18
	4.30		4.06		4.44		4.33		4.26		4.28		2.66		3.16	
31-Oct-09	4.52	4.48	4.65	4.64	4.57	4.52	4.27	4.26	4.28	4.27	4.52	4.41	4.01	3.54	3.66	3.56
	4.44		4.62		4.48		4.25		4.25		4.30		3.07		3.47	
2-Nov-09	4.92	4.94	4.46	4.39	4.61	4.55	4.24	4.23	4.33	4.31	4.64	4.56	3.99	3.91	4.29	4.18
	4.97		4.31		4.48		4.23		4.29		4.49		3.83		4.08	
4-Nov-09	4.14	4.12	5.05	5.03	4.50	4.49	4.28	4.28	4.19	4.16	4.41	4.25	4.00	3.91	4.40	4.28
	4.10		5.01		4.48		4.28		4.12		4.10		3.83		4.16	
6-Nov-09	3.59	3.58	4.28	4.27	3.94	3.91	3.89	3.87	3.66	3.64	3.56	3.55	3.40	3.38	3.56	3.55
	3.58		4.25		3.87		3.84		3.62		3.54		3.36		3.54	
10-Nov-09	4.18	4.17	4.02	3.97	4.35	4.32	4.31	4.25	4.12	4.12	4.18	4.16	2.61	2.57	3.06	3.04
	4.16		3.92		4.30		4.18		4.11		4.14		2.52		3.01	
12-Nov-09	3.44	3.43	3.54	3.52	3.45	3.44	3.64	3.61	3.47	3.45	3.57	3.54	2.51	2.49	2.69	2.68
	3.42		3.50		3.42		3.58		3.42		3.51		2.48		2.66	
14-Nov-09	4.14	4.13	4.07	3.97	4.10	4.14	4.11	4.09	4.08	4.04	4.26	4.25	3.48	3.44	3.52	3.51
	4.11		3.86		4.18		4.07		4.01		4.25		3.40		3.51	
16-Nov-09	5.66	5.64	3.59	3.61	5.14	5.05	5.56	5.50	4.99	4.90	5.46	5.46	5.04	4.85	4.60	4.59
	5.62		3.62		4.95		5.45		4.80		5.46		4.66		4.58	

Projected DO Monitoring Data (Wet Season) adjusted with Mean Variation Percentage of EPD Marine Monitoring Data (2006 - 2008)

Mid-flood	C8		C9		RC1		RC5		RC7	
Date	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
21-Oct-09	4.50	4.50	4.47	4.40	3.71	3.71	4.06	4.06	3.16	3.16
	4.50		4.33		3.71		4.07		3.16	
23-Oct-09	3.80	3.74	3.47	3.46	3.74	3.74	3.52	3.51	3.19	3.01
	3.69		3.45		3.74		3.51		2.83	
27-Oct-09	3.53	3.41	3.83	3.48	3.95	3.90	4.04	4.02	4.52	3.90
	3.29		3.14		3.84		4.01		3.28	
29-Oct-09	3.77	3.72	3.22	3.17	4.16	4.14	4.24	4.23	3.72	3.66
	3.66		3.13		4.13		4.22		3.59	
31-Oct-09	4.20	4.15	3.67	3.64	4.47	4.44	4.72	4.74	3.82	3.76
	4.11		3.62		4.41		4.76		3.70	
2-Nov-09	3.65	3.59	4.44	4.24	4.05	4.03	3.95	3.92	3.61	3.47
	3.53		4.03		4.01		3.88		3.34	
4-Nov-09	3.95	3.93	4.15	4.10	5.19	5.17	4.29	4.27	3.47	3.37
	3.92		4.05		5.16		4.26		3.27	
6-Nov-09	4.02	4.01	4.22	4.19	4.04	4.01	4.26	4.21	3.22	3.18
	4.01		4.16		3.99		4.17		3.14	
10-Nov-09	3.63	3.57	3.07	3.03	4.01	4.00	4.10	4.09	3.58	3.51
	3.52		2.98		3.99		4.08		3.45	
12-Nov-09	3.61	3.59	3.62	3.58	3.49	3.45	3.48	3.46	1.53	1.51
	3.57		3.55		3.42		3.44		1.49	
14-Nov-09	4.21	4.18	4.09	4.07	4.27	4.26	3.54	3.52	1.93	1.91
	4.14		4.06		4.25		3.50		1.90	
16-Nov-09	5.77	5.76	5.74	5.65	3.24	3.26	3.86	3.88	3.86	3.86
	5.74		5.56		3.29		3.89		3.86	

Mid-Ebb	C8		C9		RC1		RC5		RC7	
Date	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
21-Oct-09	4.50	4.41	4.54	4.60	4.03	4.00	4.23	4.18	3.30	3.31
	4.33		4.65		3.96		4.12		3.32	
23-Oct-09	4.21	4.16	4.92	4.50	3.50	3.47	3.62	3.62	3.73	3.57
	4.12		4.08		3.45		3.62		3.41	
27-Oct-09	4.02	4.02	4.21	4.12	3.74	3.68	3.76	3.74	4.09	3.86
	4.02		4.03		3.63		3.72		3.64	
29-Oct-09	4.00	3.99	4.33	4.27	4.24	4.24	4.32	4.27	3.66	3.47
	3.99		4.21		4.24		4.23		3.28	
31-Oct-09	4.29	4.28	4.42	4.36	4.10	4.10	4.40	4.33	3.72	3.65
	4.27		4.31		4.11		4.26		3.58	
2-Nov-09	4.49	4.46	3.53	3.59	4.28	4.24	5.04	5.02	4.27	4.17
	4.44		3.65		4.20		4.99		4.06	
4-Nov-09	5.22	5.21	5.16	5.14	4.21	4.18	4.12	4.13	4.51	4.45
	5.20		5.12		4.14		4.13		4.39	
6-Nov-09	4.91	4.89	4.81	4.77	3.74	3.73	3.69	3.65	3.52	3.50
	4.86		4.72		3.72		3.61		3.47	
10-Nov-09	3.85	3.85	4.19	4.12	4.10	4.10	4.18	4.13	3.51	3.33
	3.84		4.06		4.10		4.09		3.14	
12-Nov-09	3.73	3.69	3.57	3.54	3.56	3.52	3.39	3.38	2.44	2.43
	3.65		3.51		3.49		3.37		2.41	
14-Nov-09	3.98	4.02	4.12	4.13	4.12	4.11	4.10	4.12	3.20	3.22
	4.05		4.15		4.10		4.14		3.24	
16-Nov-09	5.79	5.76	5.37	5.36	5.24	5.27	6.18	6.07	4.94	4.94
	5.74		5.34		5.30		5.96		4.94	

Baseline SS Monitoring Data (Oct - Nov 2009)

Mid-flood Date	WSD7		WSD9		WSD10		WSD15		WSD17		WSD19		WSD20		WSD21		RW1	
	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
21-Oct-09	11.0	11.5	11.0	10.5	9.0	8.5	7.0	7.5	10.0	10.0	9.0	9.5	11.0	11.5	14.0	14.0	10.0	9.0
	12.0		10.0		8.0		8.0		10.0		10.0		12.0		14.0		8.0	
23-Oct-09	10.0	11.5	6.0	6.0	8.0	7.0	11.0	10.5	9.0	9.5	11.0	11.0	13.0	13.0	14.0	13.0	14.0	13.5
	13.0		6.0		6.0		10.0		10.0		11.0		13.0		12.0		13.0	
27-Oct-09	12.0	12.5	10.0	10.5	9.0	8.5	10.0	10.0	11.0	10.5	12.0	11.0	8.0	8.0	10.0	10.0	10.0	11.0
	13.0		11.0		8.0		10.0		10.0		8.0		10.0		12.0			
29-Oct-09	14.0	14.0	8.0	8.5	8.0	7.5	9.0	9.0	7.0	7.0	7.0	7.5	7.0	6.5	13.0	12.0	12.0	12.0
	14.0		9.0		7.0		9.0		7.0		8.0		6.0		11.0		12.0	
31-Oct-09	13.0	12.0	8.0	7.0	7.0	7.5	8.0	8.0	12.0	11.0	11.0	12.0	8.0	8.0	11.0	10.0	9.0	9.0
	11.0		6.0		8.0		8.0		10.0		13.0		8.0		9.0		9.0	
2-Nov-09	13.0	12.5	10.0	9.5	11.0	10.0	9.0	8.5	8.0	8.5	11.0	10.0	9.0	10.0	8.0	7.5	9.0	9.0
	12.0		9.0		9.0		8.0		9.0		9.0		11.0		7.0		9.0	
4-Nov-09	12.0	13.0	9.0	8.5	8.0	9.0	10.0	11.0	9.0	8.5	8.0	8.5	10.0	11.5	13.0	12.5	9.0	10.0
	14.0		8.0		10.0		12.0		8.0		9.0		13.0		12.0		11.0	
6-Nov-09	18.0	18.5	8.0	8.0	7.0	8.0	8.0	9.0	9.0	10.0	8.0	9.0	11.0	11.5	10.0	9.5	12.0	12.0
	19.0		8.0		9.0		10.0		10.0		12.0		9.0		12.0			
10-Nov-09	12.0	13.0	10.0	11.0	13.0	12.5	6.0	6.5	13.0	12.5	14.0	14.5	7.0	8.0	10.0	10.5	10.0	11.0
	14.0		12.0		7.0		12.0		15.0		9.0		11.0		12.0			
12-Nov-09	11.0	11.0	7.0	8.0	5.0	4.5	8.0	7.5	14.0	13.5	12.0	11.5	6.0	6.5	10.0	9.5	9.0	9.0
	11.0		9.0		4.0		7.0		13.0		11.0		7.0		9.0			
14-Nov-09	9.0	8.0	7.0	6.0	10.0	9.5	9.0	8.5	8.0	8.0	12.0	11.5	10.0	10.0	11.0	10.5	7.0	7.5
	7.0		5.0		9.0		8.0		8.0		11.0		10.0		8.0			
16-Nov-09	8.0	9.0	6.0	6.5	4.0	4.5	6.0	7.0	6.0	6.0	6.0	6.0	6.0	7.0	6.0	5.0	6.0	6.5
	10.0		7.0		5.0		8.0		6.0		6.0		8.0		4.0		7.0	

Mid-Ebb Date	WSD7		WSD9		WSD10		WSD15		WSD17		WSD19		WSD20		WSD21		RW1	
	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
21-Oct-09	9.0	8.5	7.0	7.0	8.0	7.5	6.0	6.5	16.0	15.5	14.0	13.0	9.0	10.0	9.0	9.5	9.0	9.5
	8.0		7.0		7.0		7.0		15.0		12.0		11.0		10.0		10.0	
23-Oct-09	8.0	8.0	8.0	8.0	8.0	7.0	6.0	5.5	9.0	8.5	10.0	9.5	5.0	6.0	11.0	10.5	10.0	11.0
	8.0		8.0		6.0		5.0		8.0		9.0		7.0		10.0		12.0	
27-Oct-09	10.0	9.5	6.0	5.0	9.0	8.0	7.0	7.5	8.0	7.5	7.0	6.5	7.0	7.5	7.0	8.0	9.0	8.5
	9.0		4.0		7.0		8.0		7.0		6.0		8.0		9.0		8.0	
29-Oct-09	12.0	11.5	8.0	8.0	8.0	8.0	8.0	8.5	8.0	8.5	8.0	9.0	9.0	8.5	8.0	9.0	9.0	9.0
	11.0		8.0		8.0		9.0		8.0		10.0		8.0		10.0		9.0	
31-Oct-09	10.0	9.0	8.0	7.0	9.0	10.0	7.0	6.0	9.0	9.5	9.0	9.0	11.0	11.0	11.0	10.5	10.0	10.0
	8.0		6.0		11.0		5.0		10.0		9.0		11.0		10.0		10.0	
2-Nov-09	12.0	11.5	7.0	8.0	6.0	6.5	12.0	11.0	12.0	12.0	9.0	8.5	8.0	7.5	10.0	10.5	8.0	8.5
	11.0		9.0		7.0		10.0		12.0		8.0		7.0		11.0		9.0	
4-Nov-09	7.0	8.0	7.0	6.5	6.0	7.0	11.0	12.5	5.0	6.0	9.0	8.5	7.0	8.0	10.0	10.5	10.0	9.5
	9.0		6.0		8.0		14.0		7.0		8.0		11.0		9.0			
6-Nov-09	11.0	10.0	6.0	6.5	7.0	6.5	11.0	10.0	10.0	9.0	10.0	9.0	8.0	9.0	9.0	8.5	11.0	10.0
	9.0		7.0		6.0		9.0		8.0		10.0		8.0		9.0			
10-Nov-09	8.0	9.0	9.0	9.0	8.0	7.0	6.0	7.0	9.0	8.5	5.0	5.5	7.0	7.0	8.0	8.0	9.0	8.0
	10.0		9.0		6.0		8.0		8.0		6.0		7.0		8.0		7.0	
12-Nov-09	8.0	7.5	6.0	5.5	5.0	5.5	10.0	9.0	9.0	9.0	9.0	9.5	5.0	5.5	11.0	10.5	10.0	10.5
	7.0		5.0		6.0		8.0		9.0		10.0		6.0		10.0		11.0	
14-Nov-09	6.0	6.0	7.0	6.5	8.0	7.5	8.0	8.0	8.0	8.5	9.0	8.0	7.0	7.0	10.0	11.0	11.0	10.5
	6.0		6.0		7.0		8.0		9.0		7.0		12.0		10.0			
16-Nov-09	7.0	6.5	8.0	8.0	4.0	5.0	6.0	7.0	11.0	9.5	4.0	4.0	8.0	8.5	8.0	8.0	10.0	9.0
	6.0		8.0		6.0		8.0		11.0		4.0		9.0		8.0			

Baseline SS Monitoring Data (Oct - Nov 2009)

Mid-flood Date	C1		C2		C3		C4		C5		C6		C7		C8		C9	
	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
21-Oct-09	8.0	8.0	9.0	8.5	9.0	9.5	11.0	11.5	14.0	14.5	6.0	6.5	6.0	6.5	12.0	11.0	11.0	11.0
	8.0		8.0		10.0		12.0		7.0		7.0		10.0		11.0			
23-Oct-09	12.0	11.5	12.0	12.5	14.0	12.5	14.0	14.0	15.0	14.0	10.0	9.0	11.0	12.0	21.0	19.5	23.0	21.5
	11.0		13.0		11.0		14.0		13.0		8.0		13.0		18.0		20.0	
27-Oct-09	13.0	12.5	8.0	9.0	9.0	8.0	11.0	10.0	11.0	11.5	10.0	10.5	10.0	9.0	15.0	14.0	23.0	23.0
	12.0		10.0		7.0		9.0		11.0		11.0		8.0		13.0		23.0	
29-Oct-09	18.0	18.5	10.0	11.0	11.0	11.0	15.0	14.5	11.0	11.5	10.0	9.5	12.0	11.5	16.0	16.0	23.0	23.5
	19.0		12.0		11.0		14.0		12.0		9.0		11.0		16.0		24.0	
31-Oct-09	11.0	10.5	10.0	10.0	15.0	15.0	10.0	9.5	9.0	9.5	8.0	7.0	6.0	7.0	14.0	13.5	19.0	18.5
	10.0		10.0		15.0		9.0		10.0		6.0		8.0		13.0		18.0	
2-Nov-09	9.0	9.0	8.0	8.0	8.0	8.5	7.0	7.0	5.0	5.5	8.0	9.0	9.0	9.0	10.0	10.0	10.0	10.5
	9.0		8.0		9.0		7.0		6.0		10.0		9.0		10.0		11.0	
4-Nov-09	10.0	11.5	9.0	9.5	10.0	10.0	9.0	9.5	10.0	10.5	4.0	5.0	8.0	8.0	13.0	12.5	14.0	14.0
	13.0		10.0		10.0		10.0		11.0		6.0		8.0		12.0		14.0	
6-Nov-09	13.0	12.0	9.0	8.5	14.0	13.0	14.0	13.5	16.0	15.0	10.0	9.5	9.0	9.0	19.0	17.5	12.0	12.0
	11.0		8.0		12.0		13.0		14.0		9.0		9.0		16.0		12.0	
10-Nov-09	9.0	8.5	11.0	10.5	12.0	11.5	10.0	10.5	10.0	10.0	7.0	7.0	8.0	7.0	14.0	12.5	13.0	13.0
	8.0		10.0		11.0		11.0		10.0		7.0		6.0		11.0		13.0	
12-Nov-09	10.0	10.0	10.0	10.0	10.0	10.0	11.0	11.0	10.0	9.5	10.0	11.0	8.0	9.0	24.0	22.0	18.0	18.5
	10.0		10.0		10.0		11.0		9.0		12.0		10.0		20.0		19.0	
14-Nov-09	6.0	7.0	9.0	10.0	12.0	11.0	12.0	13.0	16.0	14.5	8.0	7.5	7.0	7.0	14.0	14.5	16.0	15.0
	8.0		11.0		10.0		14.0		13.0		7.0		7.0		15.0		14.0	
16-Nov-09	5.0	5.5	8.0	7.0	6.0	6.5	12.0	11.0	6.0	6.0	6.0	7.0	9.0	9.0	7.0	6.0	6.0	6.0
	6.0		6.0		7.0		10.0		6.0		8.0		9.0		5.0		6.0	

Mid-Ebb Date	C1		C2		C3		C4		C5		C6		C7		C8		C9	
	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
21-Oct-09	10.0	10.5	8.0	7.0	8.0	7.0	11.0	11.5	10.0	10.5	7.0	7.5	5.0	5.5	10.0	11.0	20.0	18.5
	11.0		6.0		6.0		12.0		11.0		8.0		6.0		12.0		17.0	
23-Oct-09	6.0	5.5	14.0	14.5	10.0	10.0	9.0	9.5	11.0	12.0	10.0	9.0	8.0	7.0	13.0	12.5	10.0	11.5
	5.0		15.0		10.0		10.0		13.0		8.0		6.0		12.0		13.0	
27-Oct-09	4.0	4.5	7.0	6.0	6.0	5.0	8.0	8.0	8.0	8.0	7.0	7.0	5.0	5.0	9.0	9.0	10.0	10.0
	5.0		5.0		4.0		8.0		8.0		7.0		5.0		9.0		10.0	
29-Oct-09	9.0	9.5	10.0	9.0	11.0	10.5	7.0	6.5	9.0	10.0	9.0	8.5	8.0	7.5	12.0	12.0	13.0	13.0
	10.0		8.0		10.0		6.0		11.0		8.0		7.0		12.0		13.0	
31-Oct-09	10.0	9.5	9.0	8.5	11.0	10.0	10.0	10.0	12.0	11.0	12.0	11.0	6.0	5.5	12.0	11.0	13.0	13.5
	9.0		8.0		9.0		10.0		10.0		5.0		10.0		14.0			
2-Nov-09	11.0	10.0	10.0	10.0	12.0	13.0	13.0	12.5	12.0	12.5	10.0	9.0	9.0	8.5	12.0	13.0	13.0	12.0
	9.0		10.0		14.0		12.0		13.0		8.0		8.0		14.0		11.0	
4-Nov-09	6.0	7.0	8.0	8.5	8.0	8.5	13.0	13.5	11.0	12.5	6.0	6.0	10.0	9.0	12.0	12.5	14.0	13.5
	8.0		9.0		9.0		14.0		14.0		6.0		8.0		13.0		13.0	
6-Nov-09	6.0	6.0	7.0	8.0	7.0	6.5	9.0	9.5	11.0	11.5	8.0	8.0	9.0	8.0	9.0	10.0	12.0	13.0
	6.0		9.0		6.0		10.0		12.0		8.0		7.0		14.0		13.0	
10-Nov-09	8.0	8.0	5.0	5.0	6.0	6.0	6.0	6.5	8.0	8.0	9.0	8.0	7.0	7.0	10.0	9.5	8.0	8.0
	8.0		5.0		6.0		7.0		8.0		7.0		9.0		8.0			
12-Nov-09	6.0	7.0	7.0	7.0	7.0	7.5	8.0	9.0	16.0	15.0	7.0	6.5	7.0	5.5	8.0	8.5	12.0	12.5
	8.0		7.0		8.0		10.0		14.0		6.0		4.0		9.0		13.0	
14-Nov-09	9.0	10.0	10.0	9.5	9.0	9.5	11.0	12.0	11.0	10.5	10.0	9.0	5.0	5.5	10.0	10.0	14.0	13.0
	11.0		9.0		10.0		13.0		10.0		8.0		6.0		10.0		12.0	
16-Nov-09	6.0	6.5	8.0	7.5	7.0	6.5	8.0	8.5	7.0	7.5	10.0	9.0	8.0	7.0	8.0	8.5	7.0	7.0
	7.0		7.0		6.0		9.0		8.0		6.0		9.0		7.0			

Baseline SS Monitoring Data (Oct - Nov 2009)

Mid-flood Date	RC1		RC5		RC7	
	Value	Average	Value	Average	Value	Average
21-Oct-09	7.0	7.0	15.0	14.0	8.0	8.0
	7.0		13.0		8.0	
23-Oct-09	10.0	10.0	12.0	11.0	11.0	12.0
	10.0		10.0		13.0	
27-Oct-09	8.0	7.5	11.0	11.5	25.0	23.5
	7.0		12.0		22.0	
29-Oct-09	14.0	13.0	12.0	11.5	9.0	9.0
	12.0		11.0		9.0	
31-Oct-09	9.0	9.5	8.0	7.5	7.0	7.0
	10.0		7.0		7.0	
2-Nov-09	8.0	7.5	9.0	8.0	7.0	6.5
	7.0		7.0		6.0	
4-Nov-09	8.0	8.0	10.0	10.0	8.0	7.5
	8.0		10.0		7.0	
6-Nov-09	16.0	15.5	12.0	11.5	9.0	9.0
	15.0		11.0		9.0	
10-Nov-09	9.0	9.5	8.0	8.0	6.0	6.5
	10.0		8.0		7.0	
12-Nov-09	6.0	7.0	10.0	9.5	6.0	6.5
	8.0		9.0		7.0	
14-Nov-09	11.0	12.5	8.0	9.0	10.0	10.0
	14.0		10.0		10.0	
16-Nov-09	5.0	6.0	6.0	6.5	7.0	6.5
	7.0		7.0		6.0	

Mid-Ebb Date	RC1		RC5		RC7	
	Value	Average	Value	Average	Value	Average
21-Oct-09	7.0	7.5	8.0	8.5	6.0	5.5
	8.0		9.0		5.0	
23-Oct-09	7.0	6.5	7.0	7.0	13.0	12.5
	6.0		7.0		12.0	
27-Oct-09	6.0	5.0	5.0	5.5	10.0	10.0
	4.0		6.0		10.0	
29-Oct-09	9.0	9.5	10.0	9.5	10.0	9.0
	10.0		9.0		8.0	
31-Oct-09	10.0	9.5	8.0	8.5	10.0	10.0
	9.0		9.0		10.0	
2-Nov-09	10.0	11.0	9.0	9.0	8.0	7.5
	12.0		9.0		7.0	
4-Nov-09	6.0	6.5	10.0	10.0	9.0	9.5
	7.0		10.0		10.0	
6-Nov-09	8.0	8.5	8.0	8.5	9.0	9.0
	9.0		9.0		9.0	
10-Nov-09	7.0	7.0	8.0	7.5	8.0	8.0
	7.0		7.0		8.0	
12-Nov-09	9.0	8.5	11.0	10.5	9.0	8.0
	8.0		10.0		7.0	
14-Nov-09	8.0	7.0	10.0	9.5	10.0	9.0
	6.0		9.0		8.0	
16-Nov-09	6.0	6.5	9.0	9.0	7.0	7.0
	7.0		9.0		7.0	

Projected SS Monitoring Data (Wet Season) adjusted with Mean Variation Percentage of EPD Marine Monitoring Data (2006 - 2008)

Mid-flood	WSD7		WSD9		WSD10		WSD15		WSD17		WSD19		WSD20		WSD21	
Date	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
21-Oct-09	10.8	11.3	13.7	13.1	10.6	10.0	12.6	13.6	11.8	11.8	8.4	8.8	7.9	8.3	17.2	17.2
	11.8		12.4		9.4		14.5		11.8		9.3		8.7			
23-Oct-09	9.9	11.3	7.5	7.5	9.4	8.2	19.9	19.0	10.6	11.2	10.2	10.2	9.4	9.4	17.2	16.0
	12.8		7.5		7.1		18.1		11.8		10.2		9.4			
27-Oct-09	11.8	12.3	12.4	13.1	10.6	10.0	18.1	18.1	13.0	12.4	11.1	10.2	5.8	5.8	12.3	12.3
	12.8		13.7		9.4		18.1		11.8		9.3		5.8			
29-Oct-09	13.8	13.8	10.0	10.6	9.4	8.8	16.3	16.3	8.2	8.2	6.5	7.0	5.1	4.7	16.0	14.7
	13.8		11.2		8.2		16.3		8.2		7.4		4.3		13.5	
31-Oct-09	12.8	11.8	10.0	8.7	8.2	8.8	14.5	14.5	14.1	13.0	10.2	11.1	5.8	5.8	13.5	12.3
	10.8		7.5		9.4		14.5		11.8		12.1		5.8		11.0	
2-Nov-09	12.8	12.3	12.4	11.8	13.0	11.8	16.3	15.4	9.4	10.0	10.2	9.3	6.5	7.2	9.8	9.2
	11.8		11.2		10.6		14.5		10.6		8.4		7.9		8.6	
4-Nov-09	11.8	12.8	11.2	10.6	9.4	10.6	18.1	19.9	10.6	10.0	7.4	7.9	7.2	8.3	16.0	15.3
	13.8		10.0		11.8		21.7		9.4		8.4		9.4		14.7	
6-Nov-09	17.7	18.2	10.0	10.0	8.2	9.4	14.5	16.3	10.6	11.8	7.4	8.4	7.9	8.3	12.3	11.7
	18.7		10.0		10.6		18.1		13.0		9.3		8.7		11.0	
10-Nov-09	11.8	12.8	12.4	13.7	15.3	14.7	10.8	11.7	15.3	14.7	13.0	13.5	5.1	5.8	12.3	12.9
	13.8		14.9		14.1		12.6		14.1		13.9		6.5		13.5	
12-Nov-09	10.8	10.8	8.7	10.0	5.9	5.3	14.5	13.6	16.5	15.9	11.1	10.7	4.3	4.7	12.3	11.7
	10.8		11.2		4.7		12.6		15.3		10.2		5.1		11.0	
14-Nov-09	8.9	7.9	8.7	7.5	11.8	11.2	16.3	15.4	9.4	9.4	11.1	10.7	7.2	7.2	13.5	12.9
	6.9		6.2		10.6		14.5		9.4		10.2		7.2		12.3	
16-Nov-09	7.9	8.9	7.5	8.1	4.7	5.3	10.8	12.6	7.1	7.1	5.6	5.6	4.3	5.1	7.4	6.1
	9.9		8.7		5.9		14.5		7.1		5.6		5.8		4.9	

Mid-Ebb	WSD7		WSD9		WSD10		WSD15		WSD17		WSD19		WSD20		WSD21	
Date	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
21-Oct-09	8.9	8.4	8.7	8.7	9.4	8.8	10.8	11.7	18.9	18.3	13.0	12.1	6.5	7.2	11.0	11.7
	7.9		8.7		8.2		12.6		17.7		11.1		7.9		12.3	
23-Oct-09	7.9	7.9	10.0	10.0	9.4	8.2	10.8	9.9	10.6	10.0	9.3	8.8	3.6	4.3	13.5	12.9
	7.9		10.0		7.1		9.0		9.4		8.4		5.1		12.3	
27-Oct-09	9.9	9.4	7.5	6.2	10.6	9.4	12.6	13.6	9.4	8.8	6.5	6.0	5.1	5.4	8.6	9.8
	8.9		5.0		8.2		14.5		8.2		5.6		5.8		11.0	
29-Oct-09	11.8	11.3	10.0	10.0	9.4	9.4	14.5	15.4	9.4	10.0	7.4	8.4	6.5	6.1	9.8	11.0
	10.8		10.0		9.4		16.3		10.6		9.3		5.8		12.3	
31-Oct-09	9.9	8.9	10.0	8.7	10.6	11.8	12.6	10.8	10.6	11.2	8.4	8.4	7.9	7.9	13.5	12.9
	7.9		7.5		13.0		9.0		11.8		8.4		7.9		12.3	
2-Nov-09	11.8	11.3	8.7	10.0	7.1	7.7	21.7	19.9	14.1	14.1	8.4	7.9	5.8	5.4	12.3	12.9
	10.8		11.2		8.2		18.1		14.1		7.4		5.1		13.5	
4-Nov-09	6.9	7.9	8.7	8.1	7.1	8.2	19.9	22.6	5.9	7.1	8.4	7.9	5.1	5.8	12.3	12.9
	8.9		7.5		9.4		25.3		8.2		7.4		6.5		13.5	
6-Nov-09	10.8	9.9	7.5	8.1	8.2	7.7	19.9	18.1	11.8	10.6	9.3	8.4	5.8	6.5	11.0	10.4
	8.9		8.7		7.1		16.3		9.4		7.4		7.2		9.8	
10-Nov-09	7.9	8.9	11.2	11.2	9.4	8.2	10.8	12.6	10.6	10.0	4.6	5.1	5.1	5.1	9.8	9.8
	9.9		11.2		7.1		14.5		9.4		5.6		5.1		9.8	
12-Nov-09	7.9	7.4	7.5	6.8	5.9	6.5	18.1	16.3	10.6	10.6	8.4	8.8	3.6	4.0	13.5	12.9
	6.9		6.2		7.1		14.5		10.6		9.3		4.3		12.3	
14-Nov-09	5.9	5.9	8.7	8.1	9.4	8.8	14.5	14.5	9.4	10.0	8.4	7.4	5.1	5.1	12.3	13.5
	5.9		7.5		8.2		14.5		10.6		6.5		5.1		14.7	
16-Nov-09	6.9	6.4	10.0	10.0	4.7	5.9	10.8	12.6	13.0	11.2	3.7	3.7	5.8	6.1	9.8	9.8
	5.9		10.0		7.1		14.5		9.4		3.7		6.5		9.8	

Projected SS Monitoring Data (Wet Season) adjusted with Mean Variation Percentage of EPD Marine Monitoring Data (2006 - 2008)

Mid-flood	RW21		C1		C2		C3		C4		C5		C6		C7	
Date	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
21-Oct-09	12.3	11.0	9.8	9.8	11.0	10.4	11.0	11.7	13.5	14.1	17.2	17.8	7.4	8.0	7.4	8.0
	9.8		9.8		9.8		12.3		14.7		18.4		8.6		8.6	
23-Oct-09	17.2	16.6	14.7	14.1	14.7	15.3	17.2	15.3	17.2	17.2	18.4	17.2	12.3	11.0	13.5	14.7
	16.0		13.5		16.0		13.5		17.2		16.0		9.8		16.0	
27-Oct-09	12.3	13.5	16.0	15.3	9.8	11.0	11.0	9.8	13.5	12.3	13.5	14.1	12.3	12.9	12.3	11.0
	14.7		14.7		12.3		8.6		11.0		14.7		13.5		9.8	
29-Oct-09	14.7	14.7	22.1	22.7	12.3	13.5	13.5	13.5	18.4	17.8	13.5	14.1	12.3	11.7	14.7	14.1
	14.7		23.3		14.7		13.5		17.2		14.7		11.0		13.5	
31-Oct-09	11.0	11.0	13.5	12.9	12.3	12.3	18.4	18.4	12.3	11.7	11.0	11.7	9.8	8.6	7.4	8.6
	11.0		12.3		12.3		18.4		11.0		12.3		7.4		9.8	
2-Nov-09	11.0	11.0	11.0	11.0	9.8	9.8	9.8	10.4	8.6	8.6	6.1	6.8	9.8	11.0	11.0	11.0
	11.0		11.0		9.8		11.0		8.6		7.4		12.3		11.0	
4-Nov-09	11.0	12.3	12.3	14.1	11.0	11.7	12.3	12.3	11.0	11.7	12.3	12.9	4.9	6.1	9.8	9.8
	13.5		16.0		12.3		12.3		12.3		13.5		7.4		9.8	
6-Nov-09	14.7	14.7	16.0	14.7	11.0	10.4	17.2	16.0	17.2	16.6	19.6	18.4	12.3	11.7	11.0	11.0
	14.7		13.5		9.8		14.7		16.0		17.2		11.0		11.0	
10-Nov-09	12.3	13.5	11.0	10.4	13.5	12.9	14.7	14.1	12.3	12.9	12.3	12.3	8.6	8.6	9.8	8.6
	14.7		9.8		12.3		13.5		13.5		12.3		8.6		7.4	
12-Nov-09	11.0	11.0	12.3	12.3	12.3	12.3	12.3	12.3	13.5	13.5	12.3	11.7	12.3	13.5	9.8	11.0
	11.0		12.3		12.3		13.5		11.0		14.7		12.3			
14-Nov-09	8.6	9.2	7.4	8.6	11.0	12.3	14.7	13.5	14.7	16.0	19.6	17.8	9.8	9.2	8.6	8.6
	9.8		9.8		13.5		12.3		17.2		16.0		8.6		8.6	
16-Nov-09	7.4	8.0	6.1	6.8	9.8	8.6	7.4	8.0	14.7	13.5	7.4	7.4	7.4	8.6	11.0	11.0
	8.6		7.4		7.4		8.6		12.3		7.4		9.8		11.0	

Mid-Ebb	RW21		C1		C2		C3		C4		C5		C6		C7	
Date	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
21-Oct-09	11.0	11.7	12.3	12.9	9.8	8.6	9.8	8.6	13.5	14.1	12.3	12.9	8.6	9.2	6.1	6.8
	12.3		13.5		7.4		7.4		14.7		13.5		9.8		7.4	
23-Oct-09	12.3	13.5	7.4	6.8	17.2	17.8	12.3	12.3	11.0	11.7	13.5	14.7	12.3	11.0	9.8	8.6
	14.7		6.1		18.4		12.3		12.3		16.0		9.8		7.4	
27-Oct-09	11.0	10.4	4.9	5.5	8.6	7.4	7.4	6.1	9.8	9.8	9.8	9.8	8.6	8.6	6.1	6.1
	9.8		6.1		6.1		4.9		9.8		9.8		8.6		6.1	
29-Oct-09	11.0	11.0	11.0	11.7	12.3	11.0	13.5	12.9	8.6	8.0	11.0	12.3	11.0	10.4	9.8	9.2
	11.0		12.3		9.8		12.3		7.4		13.5		9.8		8.6	
31-Oct-09	12.3	12.3	12.3	11.7	11.0	10.4	13.5	12.3	12.3	12.3	14.7	13.5	14.7	13.5	7.4	6.8
	12.3		11.0		9.8		11.0		12.3		12.3		12.3		6.1	
2-Nov-09	9.8	10.4	13.5	12.3	12.3	12.3	14.7	16.0	16.0	15.3	14.7	15.3	12.3	11.0	11.0	10.4
	11.0		11.0		12.3		17.2		14.7		16.0		9.8		9.8	
4-Nov-09	12.3	11.7	7.4	8.6	9.8	10.4	9.8	10.4	16.0	16.6	13.5	15.3	7.4	7.4	12.3	11.0
	11.0		9.8		11.0		17.2		17.2		7.4		9.8			
6-Nov-09	13.5	12.3	7.4	7.4	8.6	9.8	8.6	8.0	11.0	11.7	13.5	14.1	9.8	9.8	11.0	9.8
	11.0		7.4		11.0		7.4		12.3		14.7		9.8		8.6	
10-Nov-09	11.0	9.8	9.8	9.8	6.1	6.1	7.4	7.4	7.4	8.0	9.8	9.8	11.0	9.8	8.6	8.6
	8.6		9.8		6.1		7.4		8.6		9.8		8.6		8.6	
12-Nov-09	12.3	12.9	7.4	8.6	8.6	8.6	8.6	9.2	9.8	11.0	19.6	18.4	8.6	8.0	8.6	6.8
	13.5		9.8		8.6		9.8		12.3		17.2		7.4		4.9	
14-Nov-09	13.5	12.9	11.0	12.3	12.3	11.7	11.0	11.7	13.5	14.7	13.5	12.9	12.3	11.0	6.1	6.8
	12.3		13.5		11.0		12.3		16.0		12.3		9.8		7.4	
16-Nov-09	12.3	11.0	7.4	8.0	9.8	9.2	8.6	8.0	9.8	10.4	8.6	9.2	12.3	11.0	9.8	8.6
	9.8		8.6		8.6		7.4		11.0		9.8		9.8		7.4	

Projected SS Monitoring Data (Wet Season) adjusted with Mean Variation Percentage of EPD Marine Monitoring Data (2006 - 2008)

Mid-flood	C8		C9		RC1		RC5		RC7	
Date	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
21-Oct-09	14.9	13.7	13.7	13.7	8.6	8.6	18.4	17.2	9.8	9.8
	12.4		13.7		8.6		16.0		9.8	
23-Oct-09	26.1	24.3	28.6	26.8	12.3	12.3	14.7	13.5	13.5	14.7
	22.4		24.9		12.3		12.3		16.0	
27-Oct-09	18.7	17.4	28.6	28.6	9.8	9.2	13.5	14.1	30.7	28.9
	16.2		28.6		8.6		14.7		27.0	
29-Oct-09	19.9	19.9	28.6	29.2	17.2	16.0	14.7	14.1	11.0	11.0
	19.9		29.9		14.7		13.5		11.0	
31-Oct-09	17.4	16.8	23.6	23.0	11.0	11.7	9.8	9.2	8.6	8.6
	16.2		22.4		12.3		8.6		8.6	
2-Nov-09	12.4	12.4	12.4	13.1	9.8	9.2	11.0	9.8	8.6	8.0
	12.4		13.7		8.6		8.6		7.4	
4-Nov-09	16.2	15.6	17.4	17.4	9.8	9.8	12.3	12.3	9.8	9.2
	14.9		17.4		9.8		12.3		8.6	
6-Nov-09	23.6	21.8	14.9	14.9	19.6	19.0	14.7	14.1	11.0	11.0
	19.9		14.9		18.4		13.5		11.0	
10-Nov-09	17.4	15.6	16.2	16.2	11.0	11.7	9.8	9.8	7.4	8.0
	13.7		16.2		12.3		9.8		8.6	
12-Nov-09	29.9	27.4	22.4	23.0	7.4	8.6	12.3	11.7	7.4	8.0
	24.9		23.6		9.8		11.0		8.6	
14-Nov-09	17.4	18.0	19.9	18.7	13.5	15.3	9.8	11.0	12.3	12.3
	18.7		17.4		17.2		12.3		12.3	
16-Nov-09	8.7	7.5	7.5	7.5	6.1	7.4	7.4	8.0	8.6	8.0
	6.2		7.5		8.6		8.6		7.4	

Mid-Ebb	C8		C9		RC1		RC5		RC7	
Date	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
21-Oct-09	12.4	13.7	24.9	23.0	8.6	9.2	9.8	10.4	7.4	6.8
	14.9		21.2		9.8		11.0		6.1	
23-Oct-09	16.2	15.6	12.4	14.3	8.6	8.0	8.6	8.6	16.0	15.3
	14.9		16.2		7.4		8.6		14.7	
27-Oct-09	11.2	11.2	12.4	12.4	7.4	6.1	6.1	6.8	12.3	12.3
	11.2		12.4		4.9		7.4		12.3	
29-Oct-09	14.9	14.9	16.2	16.2	11.0	11.7	12.3	11.7	12.3	11.0
	14.9		16.2		12.3		11.0		9.8	
31-Oct-09	14.9	13.7	16.2	16.8	12.3	11.7	9.8	10.4	12.3	12.3
	12.4		17.4		11.0		11.0		12.3	
2-Nov-09	14.9	16.2	16.2	14.9	12.3	13.5	11.0	11.0	9.8	9.2
	17.4		13.7		14.7		11.0		8.6	
4-Nov-09	14.9	15.6	17.4	16.8	7.4	8.0	12.3	12.3	11.0	11.7
	16.2		16.2		8.6		12.3		12.3	
6-Nov-09	11.2	12.4	14.9	16.2	9.8	10.4	9.8	10.4	11.0	11.0
	13.7		17.4		11.0		11.0		11.0	
10-Nov-09	12.4	11.8	10.0	10.0	8.6	8.6	9.8	9.2	9.8	9.8
	11.2		10.0		8.6		8.6		9.8	
12-Nov-09	10.0	10.6	14.9	15.6	11.0	10.4	13.5	12.9	11.0	9.8
	11.2		16.2		9.8		12.3		8.6	
14-Nov-09	12.4	12.4	17.4	16.2	9.8	8.6	12.3	11.7	12.3	11.0
	12.4		14.9		7.4		11.0		9.8	
16-Nov-09	10.0	10.6	8.7	8.7	7.4	8.0	11.0	11.0	8.6	8.6
	11.2		8.7		8.6		11.0		8.6	

Contract no. HK/2009/05
 WanChai Development Phase II and Central-Wanchai Bypass
 Sampling, Field Measurement, Testing Works (Stage 1)

Existing Action and Limit Levels for Water Quality proposed as Dry Season AL & LL

Parameters	Action	Limit
WSD Salt Water Intakes		
SS in mg/L	13.00	14.43
Turbidity in NTU	8.04	9.49
DO in mg/L	3.66	3.28
Cooling Water Intakes		
SS in mg/L	15.00	22.13
Turbidity in NTU	9.10	10.25
DO in mg/L	3.36	2.73

Proposed Action and Limit Levels for Water Quality in Wet Season (with projection using EPD data)

Parameters	Action	Limit
WSD Salt Water Intakes		
SS in mg/L	16.26	19.74
Turbidity in NTU	10.01	11.54
DO in mg/L	3.17	2.63
Cooling Water Intakes		
SS in mg/L	18.42	27.54
Turbidity in NTU	11.35	12.71
DO in mg/L	3.02	2.44