

Figure D1 Dissolved oxygen (mg/L) at surface of water column measured during the baseline monitoring period from 29 August to 3 September for Zone A



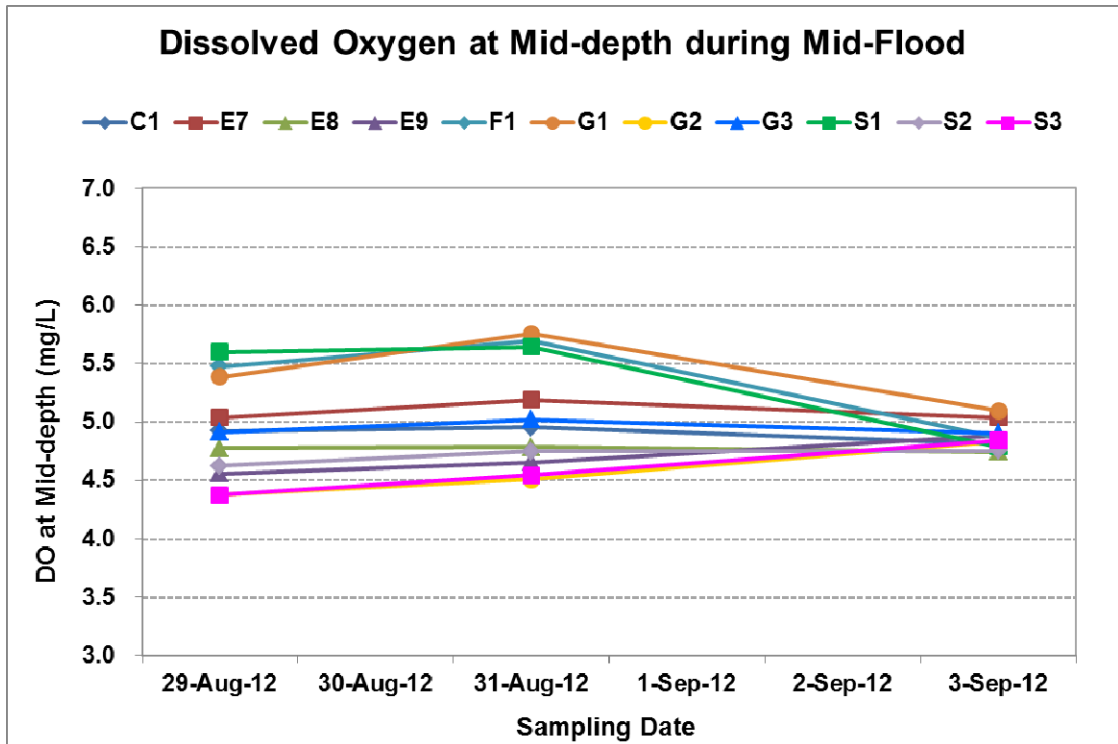
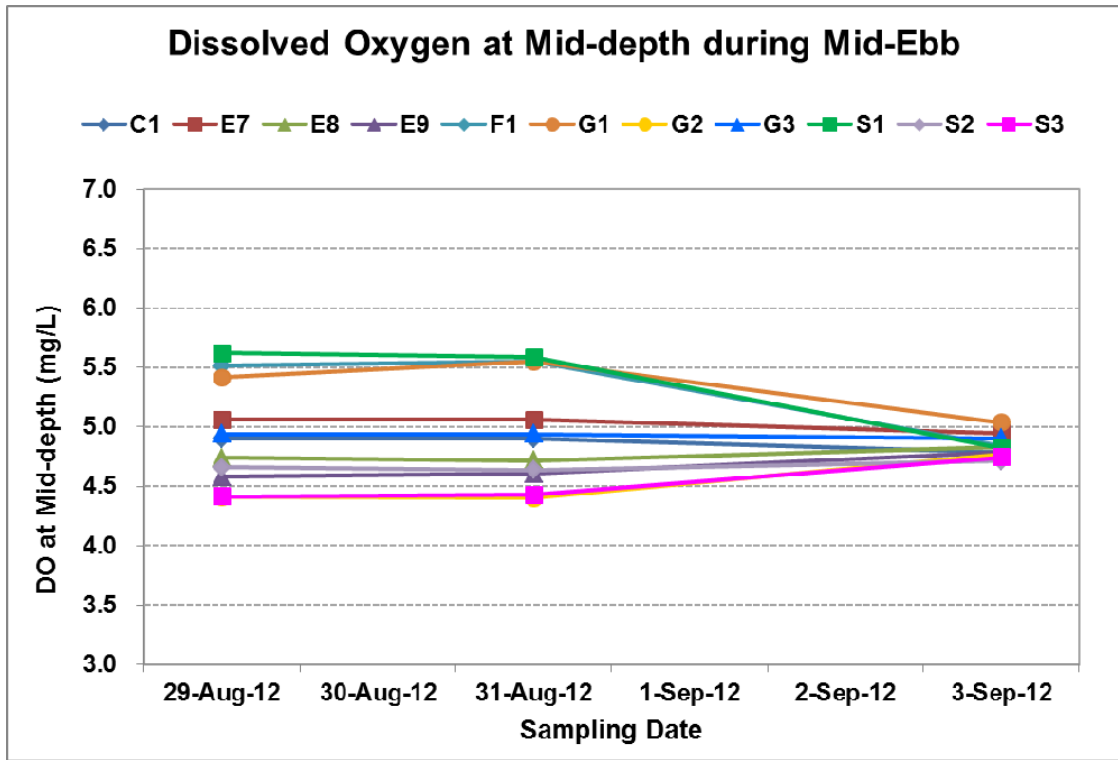


Figure D2 Dissolved oxygen (mg/L) at mid-depth of water column measured during the baseline monitoring period from 29 August to 3 September for Zone A



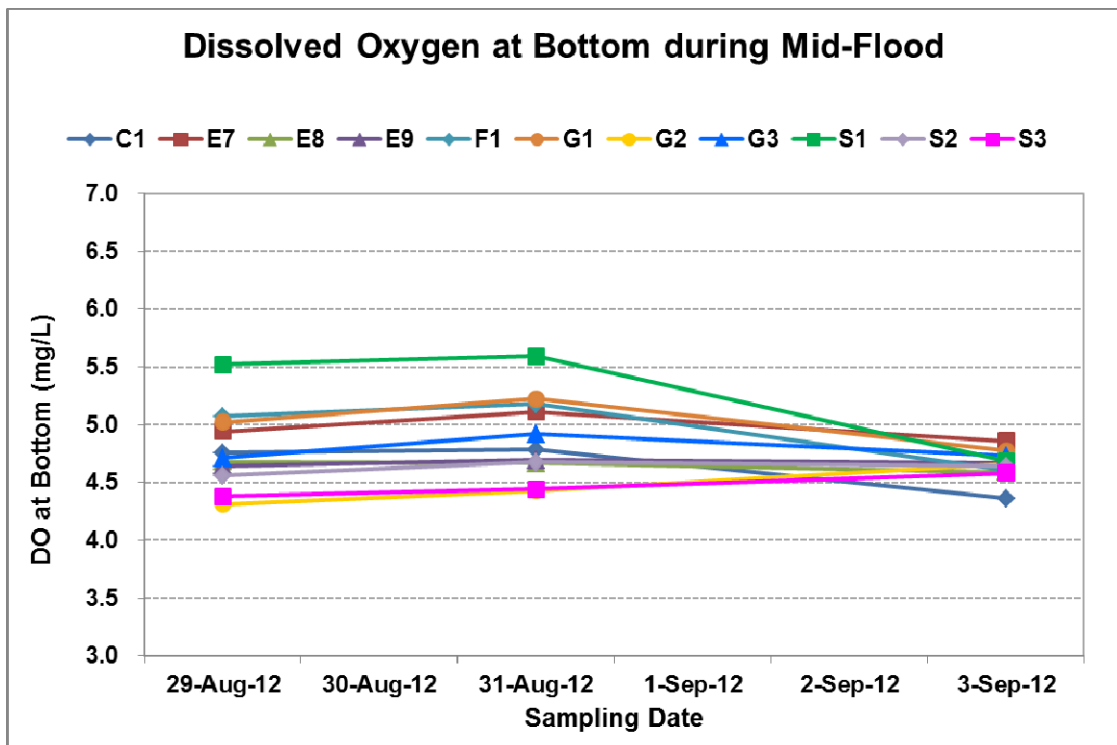
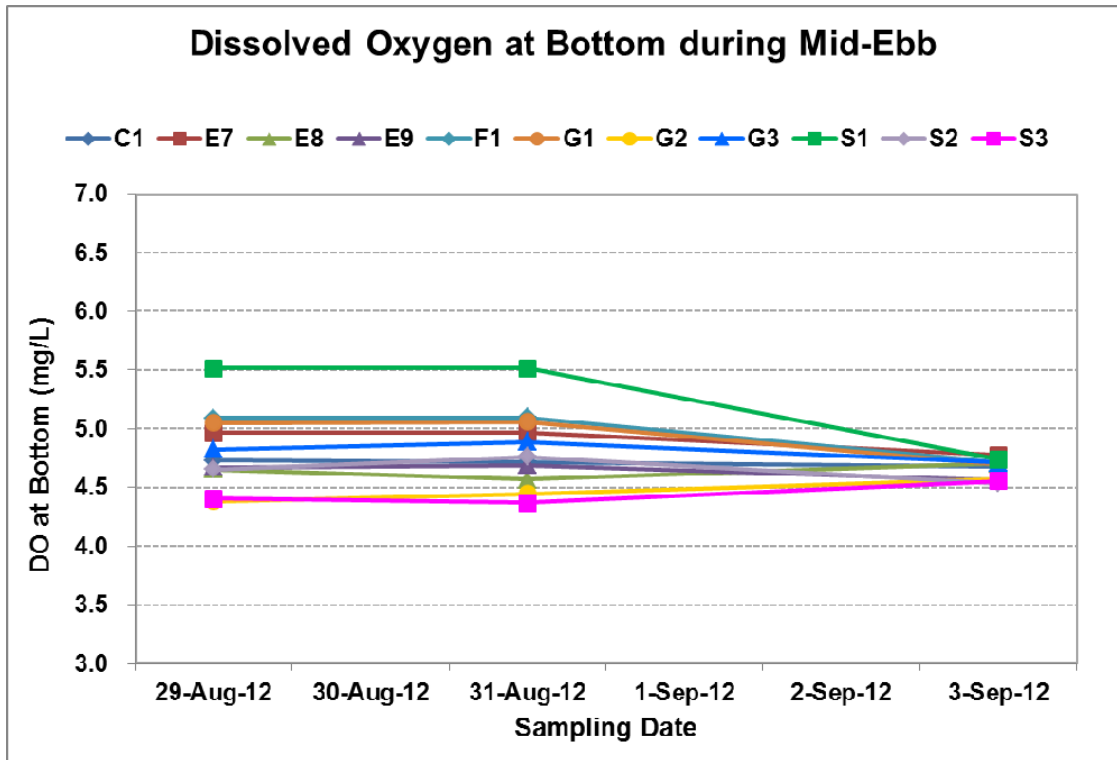


Figure D3 Dissolved oxygen (mg/L) at bottom of water column measured during the baseline monitoring period from 29 August to 3 September for Zone A



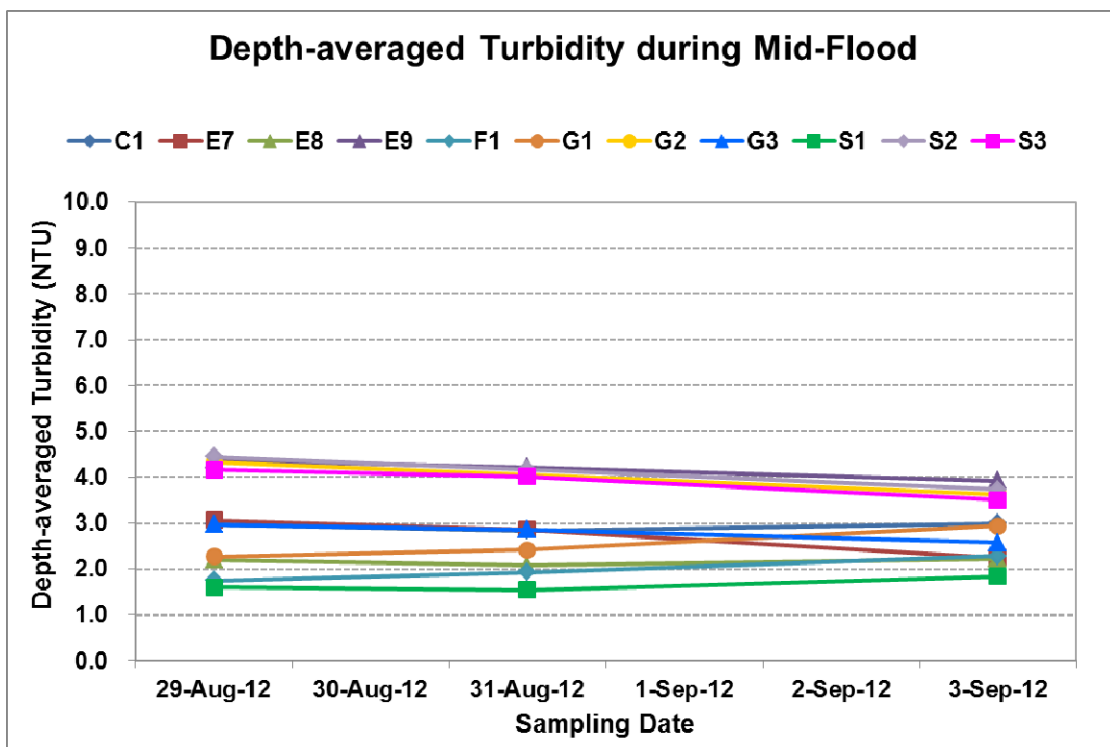
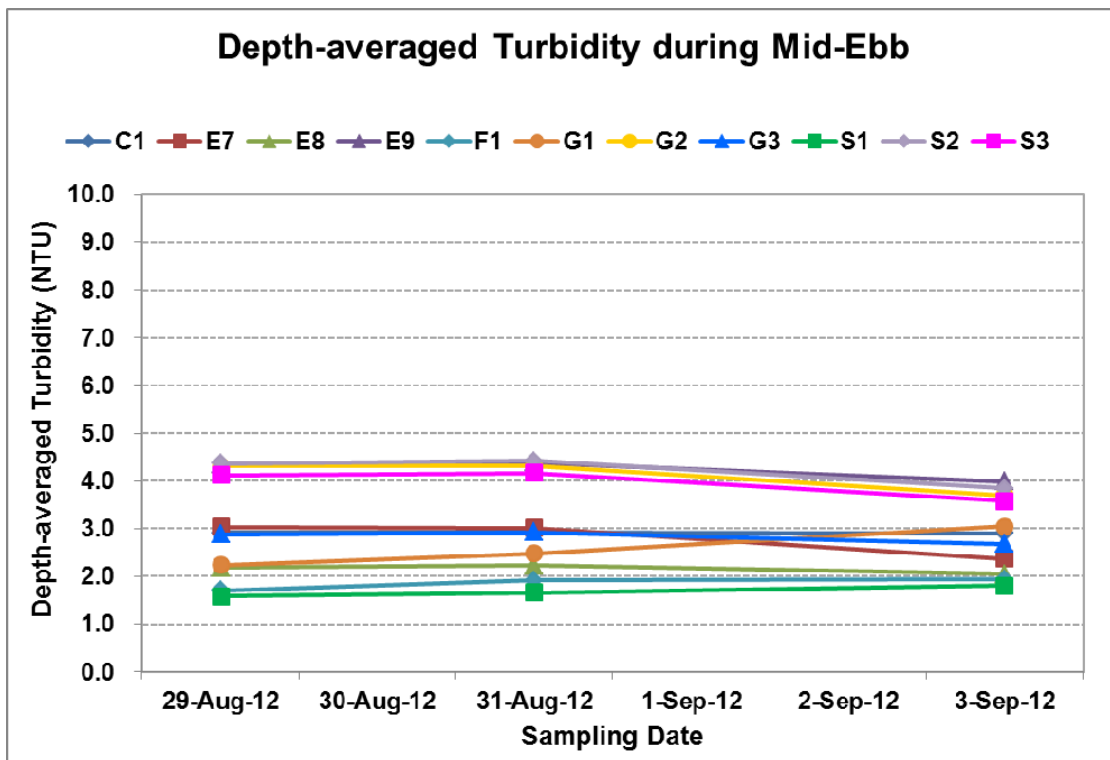


Figure D4 Depth-averaged turbidity (NTU) of water column measured during the baseline monitoring period from 29 August to 3 September for Zone A



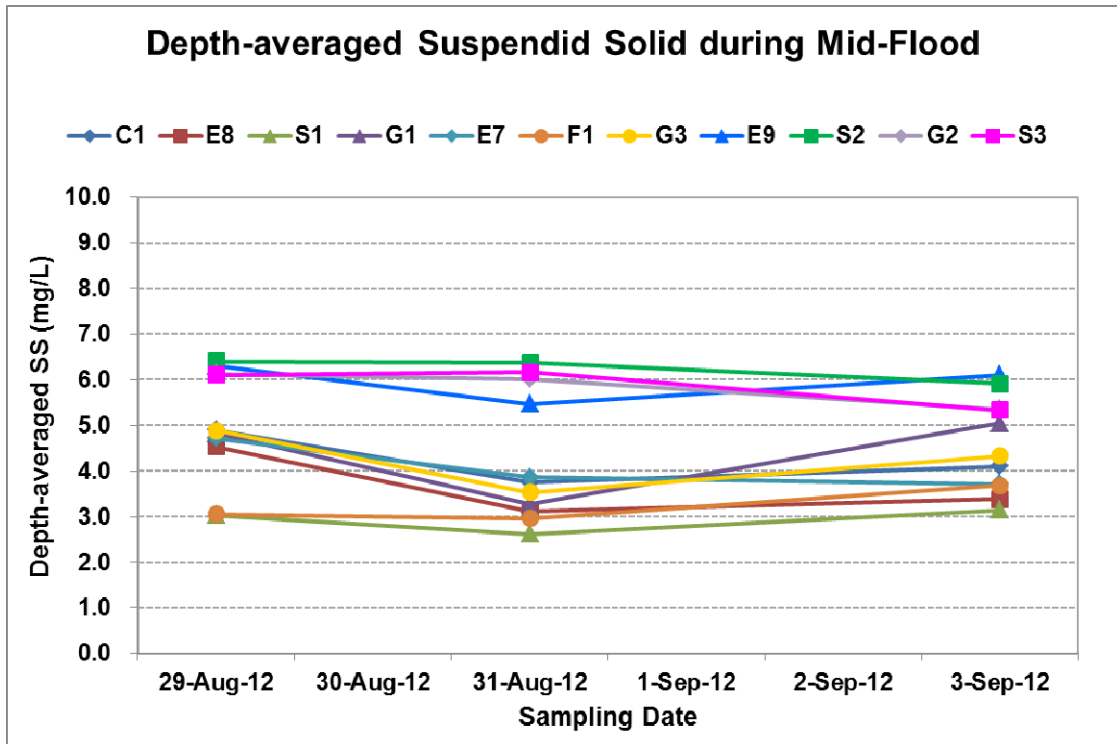
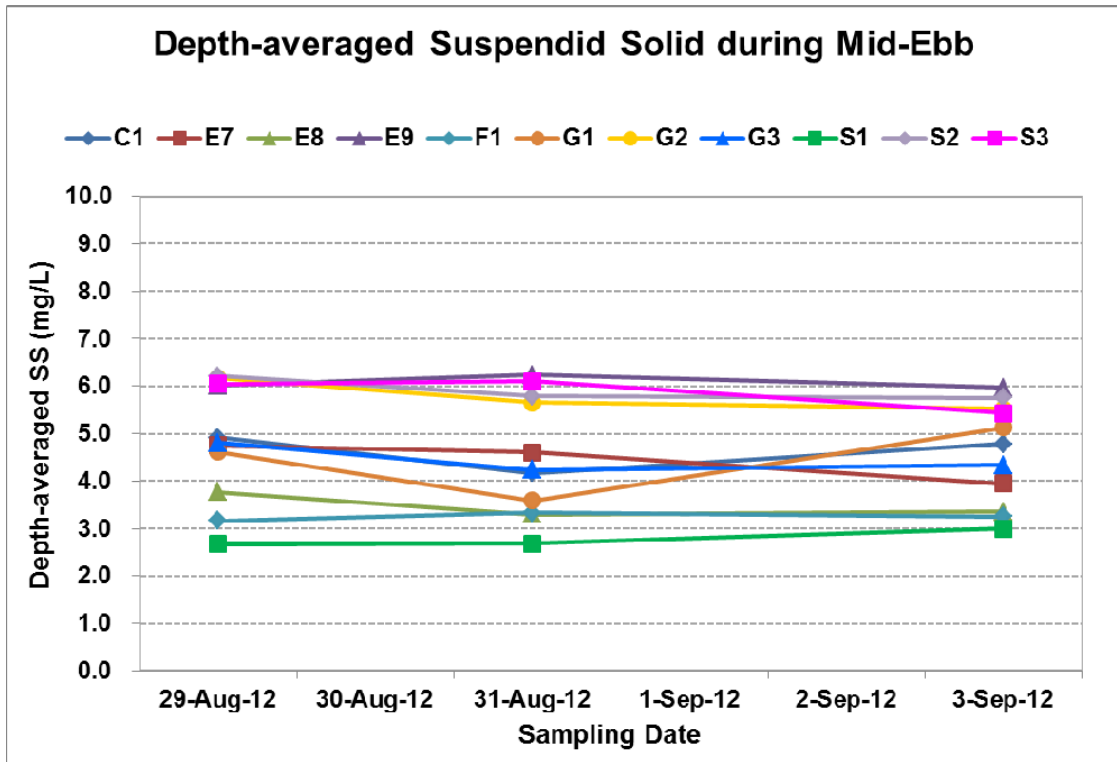


Figure D5 Depth-averaged suspended solid (mg/L) of water column measured during the baseline monitoring period from 29 August to 3 September for Zone A



Annex D1 Baseline Water Quality Monitoring Results during Mid-Flood Tide for 29 August 2012

Date:	29-Aug-12
Tide:	Mid-Flood
Weather:	Fine
Sea Conditions:	Small Wave
Zone	A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms ⁻¹)	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)				Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	1430-1450	47.8	W	0.6	Surface	27.4	27.4	27.4	26.1	26.0	26.1	5.1	5.1	5.1	75.7	76.1	75.9	3.1	3.0	3.0		4.8	4.8	4.8		
					Middle	27.2	27.3	27.3	26.8	26.7	26.8	4.9	4.9	4.9	73.1	72.7	72.9	2.6	2.7	2.6	3.0	4.6	4.5	4.6	4.9	
					Bottom	27.2	27.1	27.2	26.9	26.9	26.9	4.7	4.8	4.8	70.2	70.6	70.4	3.2	3.2	3.2		5.3	5.4	5.4		
E8	1455-1515	19.6	W	0.4	Surface	27.5	27.5	27.5	26.6	26.6	26.6	5.1	5.1	5.1	74.7	75.3	75.0	2.0	2.1	2.1		4.4	4.2	4.3		
					Middle	27.4	27.3	27.4	26.6	26.6	26.6	4.8	4.8	4.8	70.4	70.9	70.7	2.1	2.1	2.1	2.2	4.0	3.9	4.0	4.5	
					Bottom	27.2	27.2	27.2	26.6	26.7	26.7	4.7	4.7	4.7	69.1	69.4	69.3	2.5	2.4	2.4		5.4	5.3	5.4		
S1	1520-1540	9.2	W	0.3	Surface	27.8	27.8	27.8	26.3	26.4	26.4	5.6	5.6	5.6	83.0	82.1	82.6	1.5	1.6	1.5		3.6	3.6	3.6		
					Middle	27.5	27.5	27.5	26.5	26.5	26.5	5.6	5.6	5.6	82.6	83.2	82.9	1.8	1.8	1.8	1.6	2.9	3.2	3.1	3.0	
					Bottom	27.4	27.4	27.4	26.6	26.6	26.6	5.5	5.5	5.5	81.5	81.8	81.7	1.5	1.5	1.5		2.4	2.5	2.5		
G1	1543-1603	11.0	W	0.2	Surface	28.2	28.1	28.2	26.2	26.2	26.2	6.1	6.0	6.0	89.8	88.3	89.1	2.6	2.6	2.6		5.4	5.4	5.4		
					Middle	28.0	27.9	28.0	26.5	26.4	26.5	5.4	5.4	5.4	80.0	79.5	79.8	2.2	2.2	2.2	2.3	4.9	5.1	5.0	4.8	
					Bottom	27.8	27.7	27.8	26.4	26.4	26.4	5.1	5.0	5.0	74.7	73.9	74.3	2.0	2.1	2.0		3.9	4.2	4.1		
F7	1607-1627	12.5	W	0.1	Surface	28.1	28.1	28.1	26.4	26.4	26.4	5.4	5.4	5.4	79.6	80.4	80.0	2.1	2.1	2.1		3.4	3.2	3.3		
					Middle	27.8	27.8	27.8	26.6	26.6	26.6	5.0	5.1	5.0	74.3	74.9	74.6	2.4	2.4	2.4	3.1	4.2	4.5	4.4	4.7	
					Bottom	27.6	27.6	27.6	26.5	26.6	26.6	5.0	4.9	4.9	73.4	72.8	73.1	4.7	4.6	4.7		6.6	6.4	6.5		
F1	1637-1657	11.6	W	0.6	Surface	28.2	28.2	28.2	26.7	26.7	26.7	5.8	5.8	5.8	85.1	85.5	85.3	2.1	2.0	2.1		4.0	3.9	4.0		
					Middle	27.9	27.9	27.9	26.8	26.8	26.8	5.5	5.5	5.5	81.4	81.9	81.7	1.6	1.7	1.6	1.7	2.8	2.7	2.8	3.1	
					Bottom	27.4	27.4	27.4	26.9	26.9	26.9	5.1	5.1	5.1	75.2	74.9	75.1	1.5	1.5	1.5		2.4	2.5	2.5		
G3	1702-1722	15.4	W	0.3	Surface	28.1	28.1	28.1	26.4	26.4	26.4	5.2	5.2	5.2	77.0	76.8	76.9	2.8	2.9	2.9		4.9	4.7	4.8		
					Middle	27.9	27.8	27.9	26.5	26.5	26.5	4.9	4.9	4.9	72.5	73.0	72.8	2.8	3.1	2.9	3.0	4.8	4.8	4.8	4.9	
					Bottom	27.5	27.5	27.5	26.7	26.7	26.7	4.7	4.7	4.7	69.9	69.6	69.8	3.1	3.2	3.2		5.0	5.1	5.1		
E9	1727-1747	18.8	W	0.2	Surface	27.9	27.8	27.9	26.5	26.5	26.5	4.7	4.7	4.7	70.2	69.9	70.1	3.5	3.6	3.6		5.7	5.7	5.7		
					Middle	27.5	27.5	27.5	26.4	26.5	26.5	4.5	4.6	4.6	66.9	68.1	67.5	4.6	4.6	4.6	4.4	6.4	6.6	6.5	6.3	
					Bottom	27.3	27.3	27.3	26.5	26.5	26.5	4.7	4.6	4.6	69.1	68.4	68.8	5.0	5.0	5.0		6.7	6.7	6.7		
S2	1752-1812	10.9	W	0.3	Surface	27.9	27.8	27.9	26.5	26.5	26.5	4.7	4.7	4.7	68.8	69.4	69.1	3.9	3.9	3.9		5.7	5.6	5.7		
					Middle	27.7	27.6	27.7	26.4	26.4	26.4	4.6	4.6	4.6	68.7	68.2	68.5	4.6	4.5	4.5	4.4	6.7	6.8	6.8	6.4	
					Bottom	27.4	27.4	27.4	26.3	26.2	26.3	4.6	4.6	4.6	67.6	67.4	67.5	4.9	4.9	4.9		6.8	6.8	6.8		
G2	1817-1837	13.2	W	0.3	Surface	27.9	27.8	27.9	26.3	26.3	26.3	4.2	4.3	4.2	62.3	62.9	62.6	3.8	3.8	3.8		5.6	5.8	5.7		
					Middle	27.6	27.5	27.6	26.2	26.2	26.2	4.4	4.4	4.4	65.0	64.5	64.8	4.3	4.4	4.3	4.3	6.2	6.3	6.3	6.1	
					Bottom	27.3	27.3	27.3	26.1	26.0	26.1	4.3	4.3	4.3	63.6	64.0	63.8	4.9	4.9	4.9		6.4	6.5	6.5		
S3	1842-1902	10.4	W	0.3	Surface	27.8	27.8	27.8	26.3	26.4	26.4	4.3	4.3	4.3	63.3	62.9	63.1	3.6	3.7	3.6		5.3	5.6	5.5		
					Middle	27.6	27.5	27.6	26.5	26.5	26.5	4.4	4.4	4.4	64.2	65.1	64.7	4.2	4.2	4.2	4.2	6.1	6.2	6.2	6.1	
					Bottom	27.4	27.3	27.4	26.6	26.6	26.6	4.4	4.4	4.4	65.1	64.5	64.8	4.6	4.7	4.6		6.8	6.6	6.7		

Remark or Observation:

Note: * Average

** Depth Average

Annex D2 Baseline Water Quality Monitoring Results during Mid-Ebb Tide for 29 August 2012

Date: 29-Aug-12
 Tide: Mid-Ebb
 Weather: Cloudy
 Sea Conditions: Small Wave
 Zone: A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms ⁻¹)	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)				Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	0900-0925	47.0	E	0.5	Surface	27.4	27.4	27.4	26.1	26.1	26.1	5.1	5.1	5.1	74.1	73.9	74.0	3.0	3.0	3.0		4.8	4.9	4.9		
					Middle	27.4	27.4	27.4	26.8	26.7	26.8	4.9	4.9	4.9	71.3	71.5	71.4	2.6	2.6	2.6	2.9	4.8	4.8	4.8	4.9	
					Bottom	27.3	27.3	27.3	27.0	26.9	27.0	4.7	4.7	4.7	69.3	69.7	69.5	3.2	3.2	3.2		5.0	5.2	5.1		
E8	0935-100	19.4	E	0.3	Surface	27.4	27.5	27.5	26.4	26.4	26.4	5.1	5.1	5.1	74.3	74.7	74.5	2.0	2.1	2.1		4.0	4.2	4.1		
					Middle	27.4	27.4	27.4	26.4	26.4	26.4	4.7	4.8	4.7	69.2	69.5	69.4	2.1	2.1	2.1	2.2	2.9	3.0	3.0	3.8	
					Bottom	27.3	27.4	27.4	26.5	26.4	26.5	4.6	4.7	4.7	67.9	68.3	68.1	2.4	2.4	2.4		4.1	4.4	4.3		
S1	1010-1030	8.8	E	0.2	Surface	27.9	27.7	27.8	26.1	26.3	26.2	5.6	5.6	5.6	84.1	83.5	83.8	1.5	1.6	1.5		2.4	2.6	2.5		
					Middle	27.7	27.7	27.7	26.4	26.4	26.4	5.6	5.6	5.6	83.9	84.2	84.1	1.8	1.8	1.8	1.6	2.7	3.2	3.0	2.7	
					Bottom	27.5	27.5	27.5	26.5	26.5	26.5	5.5	5.5	5.5	82.4	81.9	82.2	1.5	1.4	1.4		2.7	2.4	2.6		
G1	1045-1105	10.9	E	0.2	Surface	28.1	28.1	28.1	26.1	26.2	26.2	6.1	6.0	6.1	89.8	88.7	89.3	2.6	2.6	2.6		5.0	5.1	5.1		
					Middle	27.6	27.6	27.6	26.4	26.3	26.4	5.4	5.4	5.4	79.9	79.2	79.6	2.1	2.1	2.1	2.2	5.2	5.3	5.3	4.6	
					Bottom	27.6	27.6	27.6	26.5	26.5	26.5	5.1	5.0	5.1	74.9	74.0	74.5	2.0	2.0	2.0		3.6	3.5	3.6		
E7	1115-1135	12.3	E	0.1	Surface	27.7	27.8	27.8	26.4	26.4	26.4	5.4	5.5	5.4	79.2	79.9	79.6	2.0	2.1	2.1		3.0	3.4	3.2		
					Middle	27.5	27.5	27.5	26.4	26.4	26.4	5.0	5.1	5.1	73.7	74.2	74.0	2.4	2.4	2.4	3.0	4.4	4.5	4.5	4.8	
					Bottom	27.4	27.4	27.4	26.5	26.5	26.5	5.0	5.0	5.0	72.9	72.5	72.7	4.7	4.6	4.6		6.7	6.5	6.6		
F1	1140-1155	11.4	E	0.5	Surface	28.2	28.2	28.2	26.5	26.5	26.5	5.8	5.8	5.8	85.7	85.9	85.8	2.1	2.0	2.0		3.0	3.0	3.0		
					Middle	27.8	27.5	27.7	26.5	26.6	26.6	5.5	5.5	5.5	81.6	80.8	81.2	1.6	1.6	1.6	1.7	3.6	3.5	3.6	3.2	
					Bottom	27.3	27.3	27.3	26.7	26.7	26.7	5.1	5.1	5.1	74.8	74.5	74.7	1.5	1.5	1.5		3.0	2.9	3.0		
G3	1200-1225	15.1	E	0.2	Surface	27.8	27.8	27.8	26.4	26.4	26.4	5.2	5.2	5.2	76.7	76.9	76.8	2.8	2.8	2.8		4.5	4.8	4.7		
					Middle	27.5	27.5	27.5	26.4	26.4	26.4	4.9	5.0	4.9	72.3	72.6	72.5	2.7	2.8	2.7	2.9	4.6	4.8	4.7	4.8	
					Bottom	27.3	27.4	27.4	26.5	26.5	26.5	4.8	4.8	4.8	70.5	70.7	70.6	3.1	3.1	3.1		5.0	5.1	5.1		
E9	1235-1255	18.5	E	0.1	Surface	27.6	27.6	27.6	26.3	26.4	26.4	4.8	4.8	4.8	70.8	70.4	70.6	3.6	3.6	3.6		5.2	5.5	5.4		
					Middle	27.5	27.5	27.5	26.4	26.4	26.4	4.6	4.6	4.6	67.4	67.9	67.7	4.5	4.5	4.5	4.4	6.1	6.1	6.1	6.0	
					Bottom	27.5	27.4	27.5	26.4	26.5	26.5	4.7	4.7	4.7	68.7	68.2	68.5	4.9	4.9	4.9		6.5	6.7	6.6		
S2	1300-1320	9.9	E	0.2	Surface	27.6	27.5	27.6	26.3	26.4	26.4	4.7	4.7	4.7	68.5	69.3	68.9	3.8	3.8	3.8		5.7	5.6	5.7		
					Middle	27.6	27.6	27.6	26.4	26.4	26.4	4.7	4.7	4.7	68.5	68.2	68.4	4.5	4.5	4.5	4.4	6.2	6.4	6.3	6.2	
					Bottom	27.4	27.3	27.4	26.4	26.4	26.4	4.6	4.7	4.7	68.1	68.9	68.5	4.8	4.8	4.8		6.6	6.8	6.7		
G2	1325-1345	13.0	E	0.2	Surface	27.7	27.6	27.7	26.3	26.3	26.3	4.3	4.3	4.3	62.4	63.0	62.7	3.7	3.8	3.8		5.4	5.8	5.6		
					Middle	27.6	27.5	27.6	26.3	26.3	26.3	4.4	4.4	4.4	64.9	64.7	64.8	4.3	4.4	4.3	4.3	6.1	6.2	6.2	6.2	
					Bottom	27.5	27.5	27.5	26.3	26.3	26.3	4.4	4.4	4.4	64.0	64.4	64.2	4.9	4.8	4.8		6.8	6.7	6.8		
S3	1350-1410	10.2	E	0.1	Surface	27.8	27.8	27.8	26.2	26.2	26.2	4.3	4.3	4.3	63.7	63.3	63.5	3.5	3.6	3.6		5.5	5.6	5.6		
					Middle	27.6	27.5	27.6	26.2	26.3	26.3	4.4	4.4	4.4	64.3	65.1	64.7	4.2	4.2	4.2	4.1	5.9	6.1	6.0	6.1	
					Bottom	27.6	27.5	27.6	26.3	26.3	26.3	4.4	4.4	4.4	64.8	64.2	64.5	4.6	4.6	4.6		6.4	6.8	6.6		

Remark or Observation:

Note: * Average

** Depth Average

Annex D3 Baseline Water Quality Monitoring Results during Mid-Flood Tide for 31 August 2012

Date: 31-Aug-12
 Tide: Mid-Flood
 Weather: Cloudy
 Sea Conditions: Small Wave
 Zone: A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms ⁻¹)	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)				Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	1530-1552	38.6	W	0.4	Surface	27.6	27.5	27.6	25.9	26.1	26.0	5.1	5.1	5.1	74.9	75.2	75.1	3.0	3.0	3.0		3.8	4.0	3.9		
					Middle	27.2	27.2	27.2	26.7	26.7	26.7	4.9	5.0	5.0	72.7	73.4	73.1	2.4	2.4	2.4	2.8	3.0	3.1	3.1	3.8	
					Bottom	27.1	27.1	27.1	27.0	26.9	27.0	4.8	4.8	4.8	70.4	70.8	70.6	3.0	3.1	3.1		4.0	4.6	4.3		
E8	1557-1617	20.0	W	0.3	Surface	27.5	27.5	27.5	26.3	26.4	26.4	5.1	5.1	5.1	75.0	74.8	74.9	1.9	2.0	2.0		2.8	3.0	2.9		
					Middle	27.3	27.4	27.4	26.5	26.6	26.6	4.8	4.8	4.8	70.2	70.9	70.6	2.0	2.0	2.0	2.1	3.0	3.2	3.1	3.1	
					Bottom	27.1	27.0	27.1	26.7	26.6	26.7	4.7	4.7	4.7	69.0	68.6	68.8	2.2	2.3	2.3		3.3	3.4	3.4		
S1	1621-1637	9.8	W	0.3	Surface	27.7	27.7	27.7	26.3	26.4	26.4	5.7	5.8	5.8	84.7	84.9	84.8	1.6	1.6	1.6		2.6	3.0	2.8		
					Middle	27.6	27.6	27.6	26.6	26.6	26.6	5.6	5.7	5.6	82.9	83.6	83.3	1.7	1.7	1.7	1.5	2.6	2.7	2.7	2.6	
					Bottom	27.4	27.3	27.4	26.7	26.7	26.7	5.6	5.6	5.6	82.6	82.3	82.5	1.4	1.4	1.4		2.6	2.2	2.4		
G1	1651-1707	11.2	W	0.2	Surface	27.5	27.6	27.6	25.8	25.9	25.9	6.2	6.2	6.2	91.4	91.0	91.2	2.8	2.7	2.8		3.6	3.2	3.4		
					Middle	27.4	27.3	27.4	26.4	26.3	26.4	5.8	5.7	5.8	85.5	84.2	84.9	2.3	2.3	2.3	2.4	3.2	3.0	3.1	3.3	
					Bottom	27.1	27.2	27.2	26.6	26.6	26.6	5.2	5.2	5.2	77.3	76.8	77.1	2.2	2.2	2.2		3.2	3.4	3.3		
E7	1717-1734	12.8	W	0.2	Surface	27.4	27.3	27.4	26.5	26.4	26.5	5.6	5.6	5.6	82.7	81.9	82.3	2.0	2.0	2.0		2.8	3.2	3.0		
					Middle	27.3	27.2	27.3	26.5	26.6	26.6	5.2	5.2	5.2	76.7	76.4	76.6	2.2	2.2	2.2	2.9	3.4	3.0	3.2	3.9	
					Bottom	27.2	27.3	27.3	26.6	26.5	26.6	5.1	5.2	5.1	74.7	75.9	75.3	4.4	4.4	4.4		5.2	5.6	5.4		
F1	1739-1754	11.8	W	0.5	Surface	27.4	27.5	27.5	26.5	26.4	26.5	5.8	5.9	5.9	86.1	86.6	86.4	2.0	2.1	2.1		3.2	3.6	3.4		
					Middle	27.4	27.3	27.4	26.7	26.6	26.7	5.7	5.7	5.7	84.5	83.7	84.1	1.9	1.9	1.9	1.9	2.8	3.0	2.9	3.0	
					Bottom	27.3	27.2	27.3	26.7	26.7	26.7	5.2	5.2	5.2	76.6	76.3	76.5	1.8	1.9	1.8		2.4	2.8	2.6		
G3	1800-1819	16.0	W	0.2	Surface	27.5	27.6	27.6	26.3	26.2	26.3	5.3	5.4	5.3	77.4	79.0	78.2	2.8	2.8	2.8		3.5	3.8	3.7		
					Middle	27.3	27.4	27.4	26.5	26.5	26.5	5.1	5.0	5.0	74.5	73.6	74.1	2.7	2.7	2.7	2.9	2.8	3.0	2.9	3.5	
					Bottom	27.2	27.2	27.2	26.7	26.8	26.8	4.9	4.9	4.9	72.9	72.3	72.6	3.0	3.0	3.0		3.8	4.3	4.1		
E9	1829-1850	19.6	W	0.1	Surface	27.4	27.5	27.5	26.4	26.5	26.5	4.9	4.9	4.9	72.8	72.0	72.4	3.6	3.5	3.5		4.8	5.0	4.9		
					Middle	27.3	27.4	27.4	26.5	26.5	26.5	4.7	4.6	4.7	68.9	68.4	68.7	4.4	4.4	4.4	4.2	5.6	5.8	5.7	5.5	
					Bottom	27.2	27.1	27.2	26.7	26.6	26.7	4.7	4.7	4.7	69.1	69.5	69.3	4.7	4.7	4.7		5.6	6.0	5.8		
S2	1855-1911	10.2	W	0.2	Surface	27.4	27.5	27.5	26.2	26.3	26.3	4.8	4.8	4.8	71.2	71.0	71.1	3.8	3.9	3.8		5.8	6.0	5.9		
					Middle	27.3	27.3	27.3	26.5	26.4	26.5	4.8	4.7	4.8	70.5	69.7	70.1	4.1	4.1	4.1	4.2	6.3	6.5	6.4	6.4	
					Bottom	27.3	27.2	27.3	26.5	26.6	26.6	4.7	4.7	4.7	68.7	69.2	69.0	4.6	4.6	4.6		6.8	6.8	6.8		
G2	1916-1933	13.4	W	0.3	Surface	27.4	27.5	27.5	26.2	26.2	26.2	4.4	4.4	4.4	65.2	64.9	65.1	3.6	3.5	3.6		5.2	5.6	5.4		
					Middle	27.3	27.3	27.3	26.4	26.4	26.4	4.5	4.5	4.5	66.4	66.6	66.5	4.0	4.0	4.0	4.0	6.0	6.1	6.1	6.0	
					Bottom	27.1	27.2	27.2	26.4	26.4	26.4	4.5	4.4	4.4	65.6	65.1	65.4	4.5	4.6	4.6		6.8	6.4	6.6		
S3	1938-1955	10.8	W	0.2	Surface	27.4	27.4	27.4	26.3	26.3	26.3	4.5	4.5	4.5	66.2	66.7	66.5	3.6	3.6	3.6		5.6	5.5	5.6		
					Middle	27.2	27.3	27.3	26.4	26.3	26.4	4.6	4.5	4.5	67.3	66.8	67.1	4.1	4.0	4.1	4.0	6.3	6.4	6.4	6.2	
					Bottom	27.2	27.2	27.2	26.4	26.4	26.4	4.5	4.4	4.4	65.7	65.3	65.5	4.4	4.4	4.4		6.4	6.8	6.6		

Remark or Observation:

Note: * Average

** Depth Average

Annex D4 Baseline Water Quality Monitoring Results during Mid-Ebb Tide for 31 August 2012

Date: 31-Aug-12
 Tide: Mid-Ebb
 Weather: Cloudy
 Sea Conditions: Small Wave
 Zone: A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms ⁻¹)	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)				Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	1030-1052	38.2	E	0.5	Surface	27.5	27.4	27.5	26.1	26.2	26.2	5.1	5.1	5.1	74.5	75.2	74.9	3.1	3.0	3.1		4.6	4.3	4.5		
					Middle	27.2	27.2	27.2	26.7	26.6	26.7	4.9	4.9	4.9	72.1	72.7	72.4	2.5	2.6	2.5	2.9	3.9	3.7	3.8	4.2	
					Bottom	27.1	27.1	27.1	27.0	26.9	27.0	4.7	4.7	4.7	69.4	70.2	69.8	3.2	3.2	3.2		4.2	4.3	4.3		
E8	1057-1117	19.6	E	0.3	Surface	27.4	27.4	27.4	26.5	26.4	26.5	5.0	4.9	5.0	73.5	72.6	73.1	2.1	2.2	2.1		3.2	3.3	3.3		
					Middle	27.3	27.2	27.3	26.2	26.2	26.2	4.7	4.7	4.7	69.5	69.9	69.7	2.1	2.1	2.1	2.2	3.1	3.5	3.3	3.3	
					Bottom	27.0	27.0	27.0	26.6	26.5	26.6	4.6	4.6	4.6	67.9	67.3	67.6	2.5	2.4	2.4		3.4	3.3	3.4		
S1	1121-1137	9.2	E	0.2	Surface	27.7	27.8	27.8	26.2	26.3	26.3	5.6	5.5	5.6	83.2	81.3	82.3	1.5	1.6	1.6		2.6	2.8	2.7		
					Middle	27.6	27.6	27.6	26.5	26.6	26.6	5.6	5.6	5.6	82.3	82.8	82.6	1.8	2.0	1.9	1.7	2.8	2.9	2.9	2.7	
					Bottom	27.4	27.4	27.4	26.7	26.7	26.7	5.6	5.5	5.5	82.1	81.1	81.6	1.5	1.6	1.5		2.7	2.3	2.5		
G1	1151-1207	10.8	E	0.2	Surface	27.4	27.3	27.4	26.0	26.0	26.0	6.1	6.1	6.1	90.6	90.4	90.5	2.8	2.8	2.8		3.8	3.7	3.8		
					Middle	27.4	27.4	27.4	26.3	26.3	26.3	5.6	5.5	5.6	82.3	81.7	82.0	2.4	2.4	2.4	2.5	3.6	3.3	3.5	3.6	
					Bottom	27.1	27.1	27.1	26.7	26.7	26.7	5.1	5.0	5.1	75.2	74.6	74.9	2.3	2.3	2.3		3.5	3.6	3.6		
E7	1217-1234	12.4	E	0.1	Surface	27.6	27.5	27.6	26.5	26.4	26.5	5.5	5.5	5.5	80.4	80.7	80.6	2.1	2.1	2.1		3.4	3.5	3.5		
					Middle	27.4	27.3	27.4	26.3	26.2	26.3	5.1	5.1	5.1	74.9	74.6	74.8	2.4	2.3	2.3	3.0	3.8	3.6	3.7	4.6	
					Bottom	27.3	27.3	27.3	26.4	26.3	26.4	5.0	5.0	5.0	73.9	73.3	73.6	4.6	4.6	4.6		6.6	6.7	6.7		
F1	1239-1254	11.6	E	0.5	Surface	27.7	27.7	27.7	26.4	26.5	26.5	5.8	5.8	5.8	85.8	85.7	85.8	2.2	2.1	2.1		4.0	3.7	3.9		
					Middle	27.5	27.4	27.5	26.5	26.5	26.5	5.6	5.5	5.6	82.2	81.9	82.1	2.0	2.0	2.0	1.9	3.3	3.7	3.5	3.3	
					Bottom	27.2	27.2	27.2	26.9	26.8	26.9	5.1	5.1	5.1	75.8	75.0	75.4	1.6	1.6	1.6		2.8	2.5	2.7		
G3	1300-1318	15.2	E	0.2	Surface	27.9	27.8	27.9	26.3	26.4	26.4	5.3	5.2	5.2	77.6	76.6	77.1	2.9	2.8	2.8		3.9	3.6	3.8		
					Middle	27.5	27.5	27.5	26.5	26.6	26.6	4.9	5.0	4.9	72.6	73.5	73.1	2.8	2.8	2.8	2.9	3.8	3.6	3.7	4.2	
					Bottom	27.3	27.3	27.3	26.7	26.8	26.8	4.9	4.9	4.9	72.1	72.7	72.4	3.2	3.1	3.1		5.3	5.2	5.3		
E9	1328-1349	18.6	E	0.1	Surface	27.6	27.5	27.6	26.4	26.5	26.5	4.8	4.7	4.8	70.7	69.6	70.2	3.6	3.6	3.6		5.8	5.2	5.5		
					Middle	27.4	27.3	27.4	26.3	26.4	26.4	4.6	4.6	4.6	67.7	68.4	68.1	4.7	4.6	4.6	4.4	6.4	6.6	6.5	6.2	
					Bottom	27.2	27.2	27.2	26.3	26.4	26.4	4.7	4.7	4.7	69.7	69.1	69.4	4.9	5.0	4.9		6.9	6.5	6.7		
S2	1353-1410	9.9	E	0.2	Surface	27.7	27.6	27.7	26.4	26.4	26.4	4.7	4.8	4.7	69.0	70.1	69.6	3.9	3.9	3.9		4.9	5.0	5.0		
					Middle	27.4	27.4	27.4	26.5	26.5	26.5	4.7	4.6	4.6	68.9	68.1	68.5	4.5	4.5	4.5	4.4	6.4	6.6	6.5	5.8	
					Bottom	27.3	27.2	27.3	26.5	26.6	26.6	4.8	4.8	4.8	70.3	70.6	70.5	4.8	4.9	4.8		5.8	6.0	5.9		
G2	1417-1430	12.8	E	0.2	Surface	27.7	27.7	27.7	26.3	26.3	26.3	4.3	4.3	4.3	63.1	63.9	63.5	3.7	3.8	3.8		4.8	5.0	4.9		
					Middle	27.5	27.5	27.5	26.3	26.4	26.4	4.4	4.4	4.4	65.2	64.9	65.1	4.3	4.4	4.4	4.3	5.8	5.4	5.6	5.7	
					Bottom	27.2	27.2	27.2	26.4	26.4	26.4	4.4	4.5	4.4	65.7	65.9	65.8	4.9	4.8	4.8		6.4	6.5	6.5		
S3	1430-1452	10.4	E	0.1	Surface	27.8	27.7	27.8	26.2	26.3	26.3	4.3	4.3	4.3	63.7	63.9	63.8	3.7	3.7	3.7		5.8	5.9	5.9		
					Middle	27.6	27.5	27.6	26.3	26.4	26.4	4.4	4.5	4.4	65.0	65.8	65.4	4.2	4.2	4.2	4.2	6.3	6.0	6.2	6.1	
					Bottom	27.4	27.3	27.4	26.5	26.5	26.5	4.4	4.4	4.4	65.0	64.4	64.7	4.6	4.7	4.6		6.2	6.4	6.3		

Remark or Observation:

Note: * Average

** Depth Average

Annex D5 Baseline Water Quality Monitoring Results during Mid-Flood Tide for 3 September 2012

Date: 3-Sep-12
 Tide: Mid-Flood
 Weather: Fine
 Sea Conditions: Small Wave
 Zone: A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms ⁻¹)	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)				Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	1630-1652	38.5	W	0.4	Surface	28.2	28.1	28.2	25.8	25.8	25.8	5.1	5.0	5.0	75.2	73.6	74.4	2.9	2.9	2.9		4.0	3.8	3.9		
					Middle	27.7	27.6	27.7	26.3	26.3	26.3	4.8	4.8	4.8	71.7	70.9	71.3	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.1	
					Bottom	27.0	27.1	27.1	26.9	30.1	28.5	4.4	4.3	4.4	64.7	64.1	64.4	3.1	3.1	3.1		4.3	4.5	4.4		
E8	1658-1717	19.9	W	0.4	Surface	28.1	28.2	28.2	25.8	25.7	25.8	4.9	4.9	4.9	72.2	72.8	72.5	2.0	2.0	2.0		2.9	3.0	3.0		
					Middle	27.6	27.8	27.7	26.2	26.2	26.2	4.7	4.8	4.7	69.6	70.6	70.1	2.1	2.1	2.1	2.2	3.2	3.5	3.4	3.4	
					Bottom	27.4	27.3	27.4	26.8	26.7	26.8	4.6	4.6	4.6	67.5	68.1	67.8	2.2	3.0	2.6		3.7	4.0	3.9		
S1	1720-1737	10.9	W	0.4	Surface	28.1	28.2	28.2	26.0	26.1	26.1	4.9	5.0	4.9	72.8	73.1	73.0	1.7	1.7	1.7		3.0	2.8	3.0		
					Middle	27.9	27.8	27.9	26.5	26.5	26.5	4.8	4.8	4.8	70.9	70.6	70.8	1.9	1.9	1.9	1.8	3.2	3.1	3.2	3.2	
					Bottom	27.6	27.7	27.7	26.8	26.9	26.9	4.7	4.7	4.7	68.7	69.1	68.9	2.0	1.9	1.9		3.4	3.2	3.3		
G1	1750-1807	11.1	W	0.2	Surface	28.3	28.2	28.3	25.5	25.6	25.6	5.3	5.4	5.3	78.3	79.5	78.9	2.8	2.8	2.8		4.6	4.6	4.6		
					Middle	27.8	27.8	27.8	26.0	26.1	26.1	5.1	5.1	5.1	75.3	75.2	75.3	3.0	2.9	2.9	2.9	5.0	5.2	5.1	5.1	
					Bottom	27.6	27.6	27.6	26.3	26.4	26.4	4.8	4.8	4.8	70.3	70.8	70.6	3.1	3.1	3.1		5.4	5.5	5.5		
E7	1817-1834	12.7	W	0.2	Surface	28.1	28.2	28.2	25.6	25.5	25.6	5.2	5.2	5.2	77.1	76.5	76.8	2.0	2.0	2.0		3.1	3.1	3.1		
					Middle	27.8	27.8	27.8	26.1	25.9	26.0	5.1	5.0	5.0	74.6	74.3	74.5	2.1	2.1	2.1	2.3	3.8	3.7	3.8	3.7	
					Bottom	27.2	27.2	27.2	26.4	26.4	26.4	4.9	4.9	4.9	71.9	71.7	71.8	2.6	2.6	2.6		4.3	4.3	4.3		
F1	1839-1854	12.6	W	0.5	Surface	28.1	28.0	28.1	25.4	25.5	25.5	5.0	5.0	5.0	74.3	74.0	74.2	2.0	2.0	2.0		3.4	3.6	3.5		
					Middle	27.6	27.5	27.6	26.3	26.3	26.3	4.9	4.8	4.9	72.4	71.3	71.9	2.3	2.3	2.3	2.3	3.6	3.6	3.6	3.7	
					Bottom	27.3	27.2	27.3	26.6	26.6	26.6	4.6	4.6	4.6	67.9	68.2	68.1	2.5	2.5	2.5		4.1	3.8	4.0		
G3	1900-1920	16.4	W	0.2	Surface	28.1	28.0	28.1	25.5	25.5	25.5	5.0	5.0	5.0	74.4	74.3	74.4	2.3	2.3	2.3		3.8	3.8	3.8		
					Middle	27.7	27.7	27.7	26.1	25.9	26.0	4.9	4.9	4.9	72.5	72.0	72.3	2.6	2.6	2.6	2.6	4.8	4.6	4.7	4.3	
					Bottom	27.2	27.3	27.3	26.4	26.4	26.4	4.8	4.7	4.7	70.2	69.6	69.9	2.8	2.8	2.8		4.5	4.5	4.5		
E9	1930-1950	19.5	W	0.1	Surface	28.1	28.0	28.1	25.5	25.6	25.6	5.1	5.1	5.1	75.0	75.2	75.1	3.4	3.3	3.3		5.2	5.1	5.2		
					Middle	27.6	27.6	27.6	25.7	25.8	25.8	4.9	4.9	4.9	72.4	71.9	72.2	3.9	3.9	3.9	3.9	6.3	6.4	6.4	6.1	
					Bottom	27.0	27.1	27.1	26.3	26.4	26.4	4.7	4.7	4.7	68.8	69.1	69.0	4.6	4.5	4.5		6.7	6.9	6.8		
S2	1955-2011	10.0	W	0.2	Surface	27.9	27.9	27.9	25.6	25.7	25.7	5.0	5.0	5.0	74.4	74.1	74.3	3.4	3.4	3.4		5.2	5.4	5.3		
					Middle	27.5	27.6	27.6	26.2	26.3	26.3	4.8	4.8	4.8	70.3	70.2	70.3	3.9	3.8	3.8	3.7	6.2	6.3	6.3	5.9	
					Bottom	27.2	27.1	27.2	26.5	26.6	26.6	4.7	4.6	4.6	68.8	68.2	68.5	4.0	4.0	4.0		6.0	6.4	6.2		
G2	2016-2034	13.3	W	0.3	Surface	28.1	28.0	28.1	25.7	25.6	25.7	5.1	5.1	5.1	75.0	74.7	74.9	3.4	3.4	3.4		5.1	4.9	5.0		
					Middle	27.8	27.8	27.8	25.9	26.0	26.0	4.8	4.9	4.8	71.2	71.6	71.4	3.6	3.6	3.6	3.6	5.3	5.1	5.2	5.4	
					Bottom	27.3	27.4	27.4	26.3	26.4	26.4	4.7	4.6	4.7	69.1	68.5	68.8	3.9	3.9	3.9		5.8	5.9	5.9		
S3	2038-2055	10.6	W	0.2	Surface	28.1	27.9	28.0	25.6	25.7	25.7	5.0	5.0	5.0	73.7	74.3	74.0	3.3	3.3	3.3		5.0	5.0	5.0		
					Middle	27.9	27.8	27.9	25.9	25.9	25.9	4.8	4.9	4.8	71.3	71.8	71.6	3.4	3.5	3.4	3.5	5.5	5.3	5.4	5.3	
					Bottom	27.4	27.3	27.4	26.4	26.3	26.4	4.6	4.6	4.6	67.4	68.0	67.7	3.7	3.7	3.7		5.6	5.6	5.6		

Remark or Observation:

Note: * Average

** Depth Average

Annex D6 Baseline Water Quality Monitoring Results during Mid-Ebb Tide for 3 September 2012

Date: 3-Sep-12
 Tide: Mid-Ebb
 Weather: Fine
 Sea Conditions: Small Wave
 Zone: A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms ⁻¹)	Monitoring Depth	Temperature (°C)			Salinity (ppt)			DO (mg/l)			DO Saturation (%)				Turbidity (NTU)				Suspended Solids (mg/l)			
						1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
C1	1100-1123	37.4	E	0.3	Surface	28.2	28.3	28.3	25.6	25.6	25.6	5.0	4.9	5.0	73.9	72.9	73.4	2.9	2.9	2.9		5.0	4.8	4.9		
					Middle	27.8	27.7	27.8	26.3	26.3	26.3	4.8	4.8	4.8	70.9	70.4	70.7	2.7	2.7	2.7	2.9	4.3	4.4	4.4	4.8	
					Bottom	27.3	27.2	27.3	27.0	27.0	27.0	4.7	4.7	4.7	68.8	69.3	69.1	3.1	3.1	3.1		5.0	5.2	5.1		
E8	1127-1148	19.8	E	0.2	Surface	28.3	28.2	28.3	26.1	26.1	26.1	5.0	4.9	5.0	73.7	72.7	73.2	1.9	1.9	1.9		3.3	3.2	3.3		
					Middle	28.1	28.0	28.1	26.5	26.4	26.5	4.9	4.8	4.8	71.8	70.8	71.3	2.0	2.1	2.1	2.0	3.2	3.2	3.2	3.4	
					Bottom	27.7	27.7	27.7	26.8	26.8	26.8	4.7	4.7	4.7	69.0	70.0	69.5	2.3	2.2	2.2		3.7	3.5	3.6		
S1	1152-1210	10.2	E	0.2	Surface	28.4	28.3	28.4	26.2	26.2	26.2	4.9	5.0	4.9	72.1	73.3	72.7	1.7	1.7	1.7		2.8	2.8	2.8		
					Middle	28.2	28.1	28.2	26.6	26.5	26.6	4.8	4.8	4.8	70.9	71.4	71.2	1.8	1.8	1.8	1.8	2.9	2.9	2.9	3.0	
					Bottom	28.0	27.9	28.0	26.7	26.8	26.8	4.7	4.8	4.7	69.8	70.3	70.1	2.0	1.9	1.9		3.4	3.2	3.3		
G1	1223-1240	10.8	E	0.3	Surface	28.4	28.3	28.4	25.7	25.7	25.7	5.1	5.2	5.1	75.2	76.2	75.7	2.9	2.9	2.9		5.1	5.1	5.1		
					Middle	28.1	28.1	28.1	26.0	26.0	26.0	5.1	5.0	5.0	74.6	74.2	74.4	3.1	3.0	3.0	3.0	5.4	5.2	5.3	5.1	
					Bottom	27.8	27.8	27.8	26.2	26.3	26.3	4.7	4.7	4.7	68.9	69.7	69.3	3.2	3.2	3.2		5.0	5.0	5.0		
E7	1249-1306	12.4	E	0.2	Surface	28.3	28.4	28.4	25.9	26.0	26.0	5.1	5.1	5.1	74.9	74.5	74.7	1.9	1.9	1.9		3.0	3.4	3.2		
					Middle	28.0	28.0	28.0	26.3	26.3	26.3	5.0	4.9	5.0	73.5	72.6	73.1	2.1	2.1	2.1	2.4	3.6	3.8	3.7	4.0	
					Bottom	27.6	27.7	27.7	26.5	26.5	26.5	4.8	4.8	4.8	70.4	70.7	70.6	3.0	3.1	3.1		4.9	5.0	5.0		
F1	1310-1325	11.6	E	0.4	Surface	28.3	28.3	28.3	26.0	26.0	26.0	5.0	4.9	5.0	73.8	73.0	73.4	1.9	1.8	1.8		2.8	2.9	2.9		
					Middle	28.1	28.1	28.1	26.3	26.3	26.3	4.8	4.9	4.8	71.1	71.7	71.4	2.0	1.9	1.9	1.9	3.3	3.4	3.4	3.3	
					Bottom	27.9	27.9	27.9	26.5	26.5	26.5	4.7	4.7	4.7	69.9	69.2	69.6	2.0	2.1	2.1		3.4	3.7	3.6		
G3	1330-1348	15.4	E	0.3	Surface	28.4	28.4	28.4	25.9	25.9	25.9	5.0	5.0	5.0	74.3	73.6	74.0	2.5	2.6	2.6		4.0	4.0	4.0		
					Middle	28.1	28.0	28.1	26.2	26.3	26.3	4.9	4.9	4.9	72.7	72.2	72.5	2.6	2.6	2.6	2.7	4.2	4.4	4.3	4.3	
					Bottom	27.8	27.7	27.8	26.5	26.6	26.6	4.7	4.7	4.7	69.5	69.8	69.7	2.8	2.9	2.9		4.6	4.8	4.7		
E9	1358-1418	18.8	E	0.2	Surface	28.4	28.4	28.4	25.6	25.5	25.6	4.9	5.0	5.0	72.9	73.5	73.2	3.4	3.5	3.4		5.2	5.3	5.3		
					Middle	28.0	28.0	28.0	25.9	26.0	26.0	4.8	4.8	4.8	71.0	70.5	70.8	4.0	4.0	4.0	4.0	6.1	5.9	6.0	6.0	
					Bottom	27.8	27.7	27.8	26.3	26.4	26.4	4.6	4.6	4.6	67.2	67.6	67.4	4.6	4.5	4.5		6.8	6.5	6.7		
S2	1422-1436	9.6	E	0.2	Surface	28.4	28.3	28.4	25.9	25.8	25.9	4.9	4.9	4.9	71.8	72.3	72.1	3.5	3.5	3.5		5.2	4.9	5.1		
					Middle	28.1	28.0	28.1	26.3	26.2	26.3	4.7	4.7	4.7	69.4	69.8	69.6	3.9	3.9	3.9	3.8	5.9	5.9	5.9	5.8	
					Bottom	27.8	27.8	27.8	26.6	26.6	26.6	4.5	4.6	4.5	66.6	67.4	67.0	4.1	4.1	4.1		6.4	6.2	6.3		
G2	1440-1456	12.8	E	0.3	Surface	28.4	28.3	28.4	25.9	25.8	25.9	4.9	5.0	4.9	72.7	73.1	72.9	3.5	3.5	3.5		5.1	5.2	5.2		
					Middle	28.1	28.0	28.1	26.1	26.1	26.1	4.8	4.8	4.8	70.6	70.3	70.5	3.6	3.7	3.7	3.7	5.2	5.5	5.4	5.5	
					Bottom	27.7	27.6	27.7	26.4	26.5	26.5	4.6	4.5	4.6	67.9	67.1	67.5	3.9	3.9	3.9		6.2	5.9	6.1		
S3	1500-1516	10.2	E	0.3	Surface	28.3	28.4	28.4	25.9	25.8	25.9	4.8	4.9	4.9	71.5	72.4	72.0	3.4	3.4	3.4		5.0	5.1	5.1		
					Middle	28.1	28.1	28.1	26.0	25.9	26.0	4.8	4.7	4.7	70.6	69.5	70.1	3.5	3.5	3.5	3.6	5.4	5.5	5.5	5.4	
					Bottom	27.8	27.8	27.8	26.4	26.4	26.4	4.5	4.6	4.5	66.8	67.8	67.3	3.9	3.8	3.8		5.6	6.0	5.8		

Remark or Observation:

Note: * Average

** Depth Average