

Figure D1 Dissolved oxygen (mg/L) at surface of water column measured during the baseline monitoring period from 24 September to 28 September for Zone C



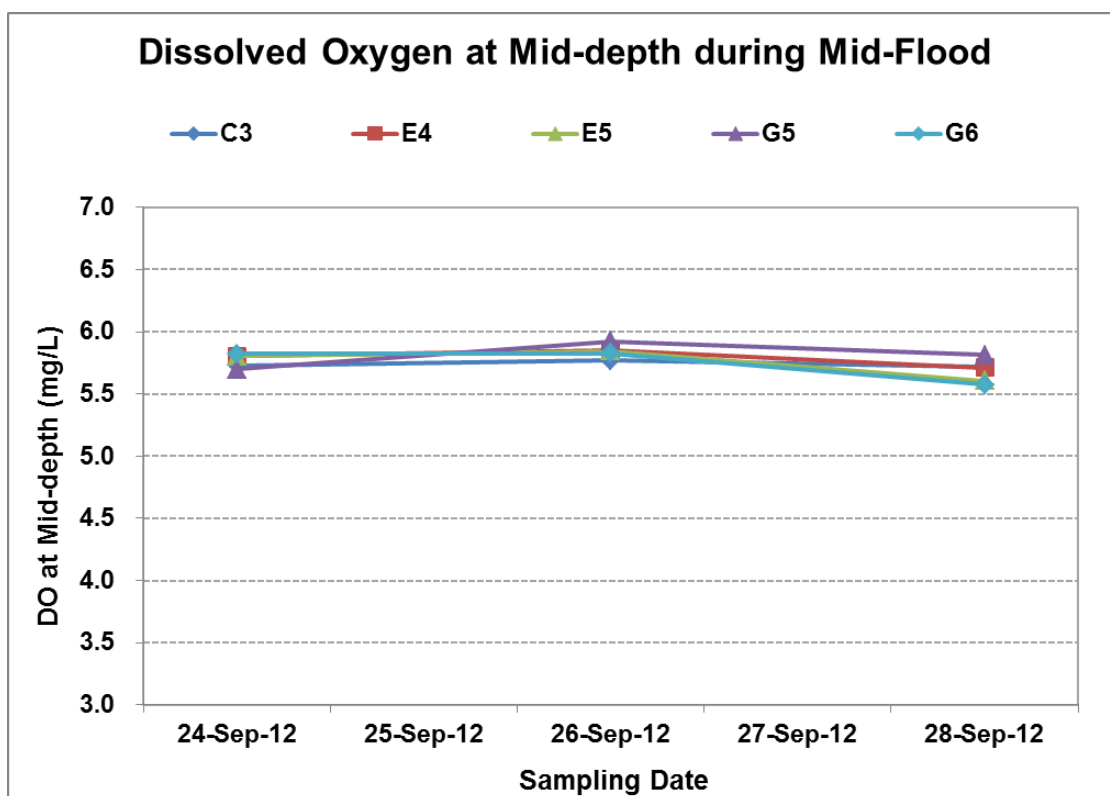
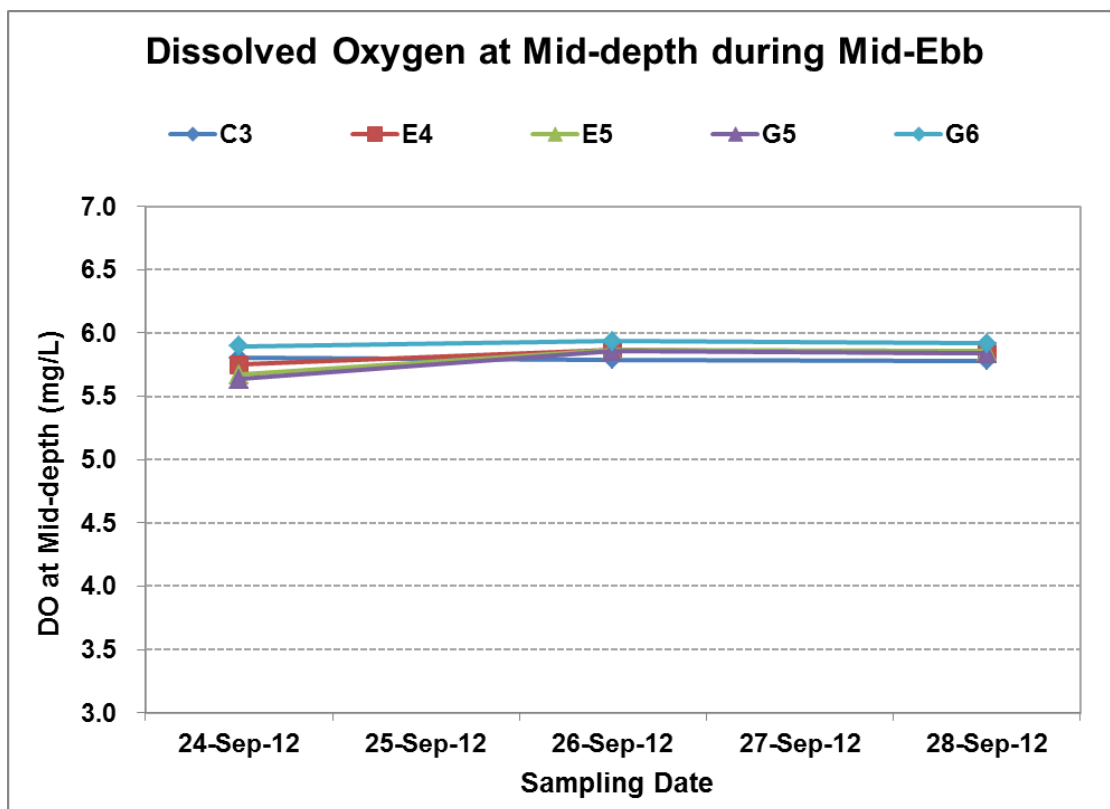


Figure D2 Dissolved oxygen (mg/L) at mid-depth of water column measured during the baseline monitoring period from 24 September to 28 September for Zone C



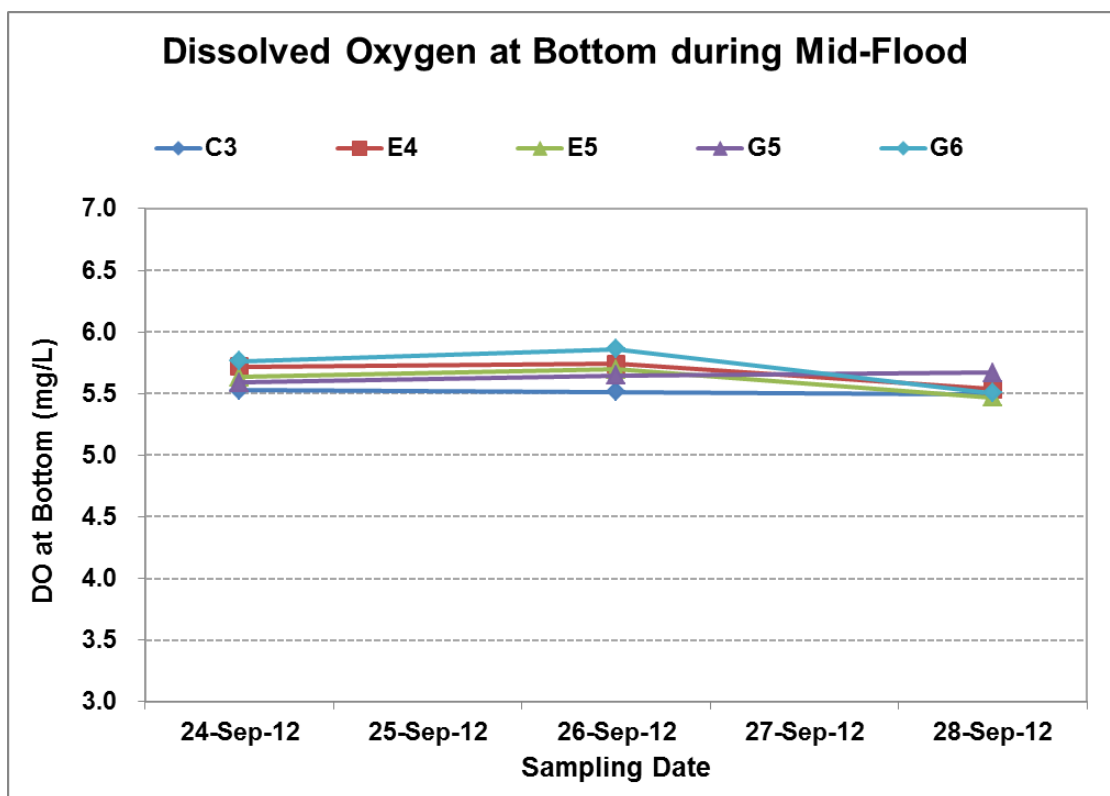
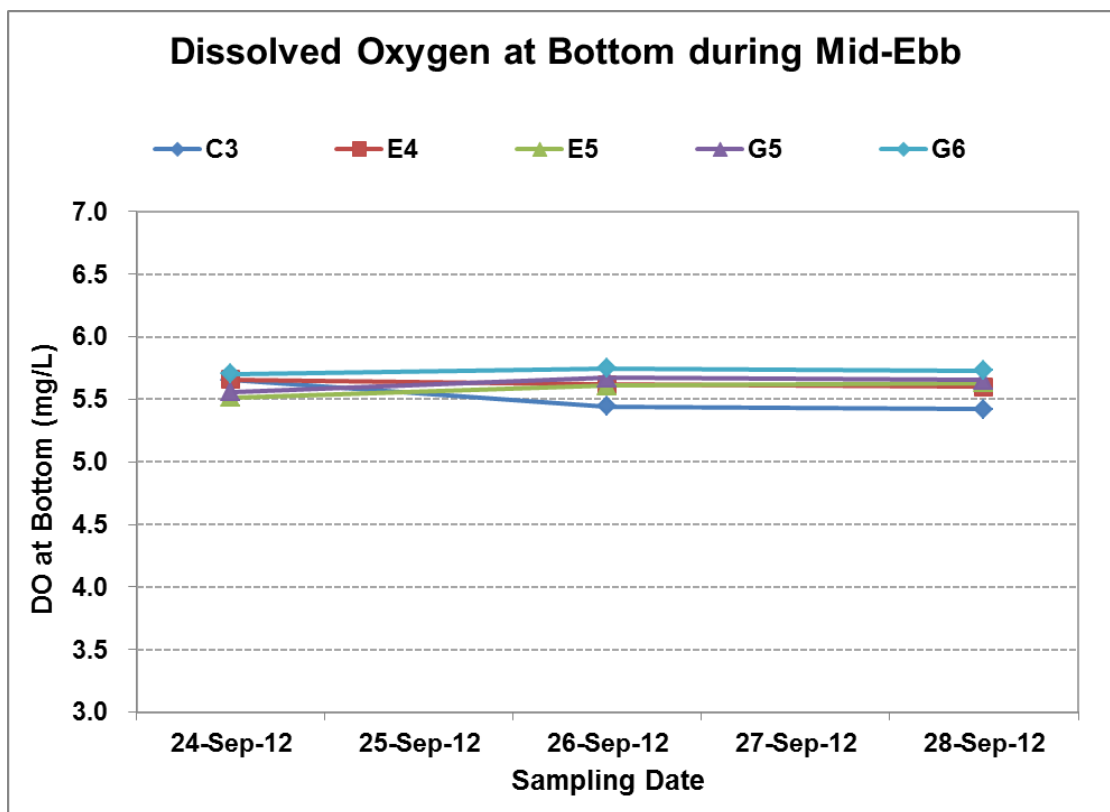


Figure D3 Dissolved oxygen (mg/L) at bottom of water column measured during the baseline monitoring period from 24 September to 28 September for Zone C



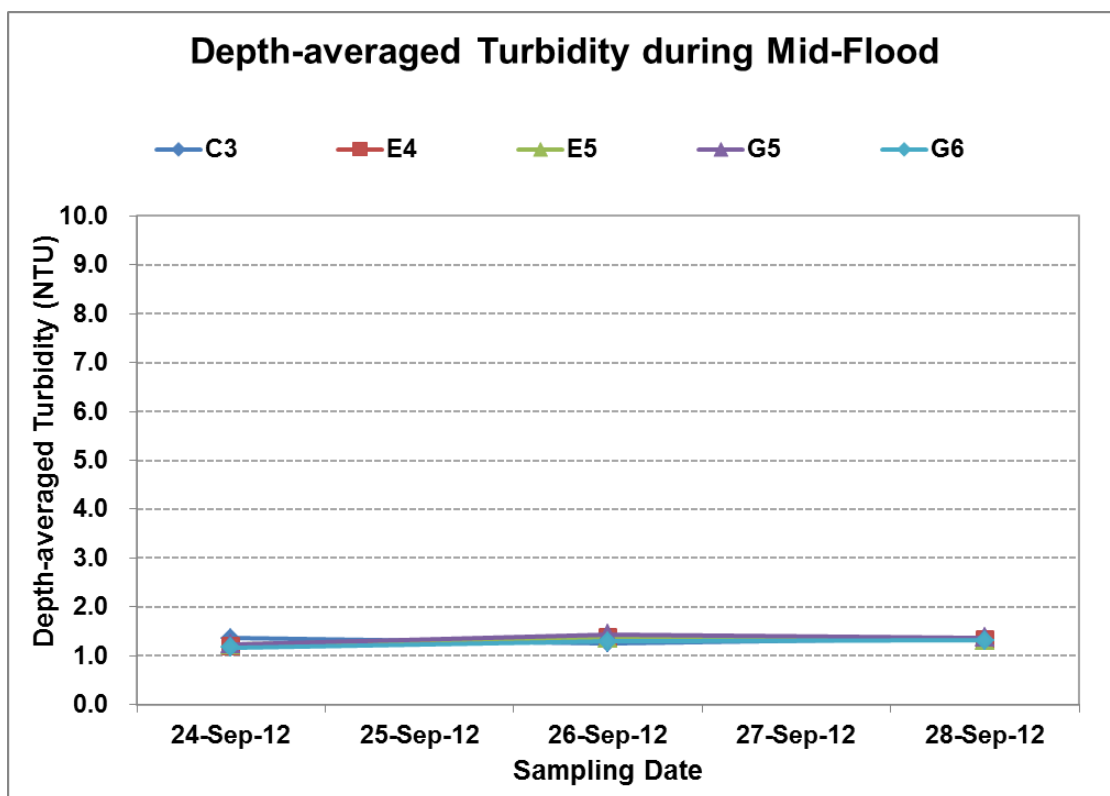
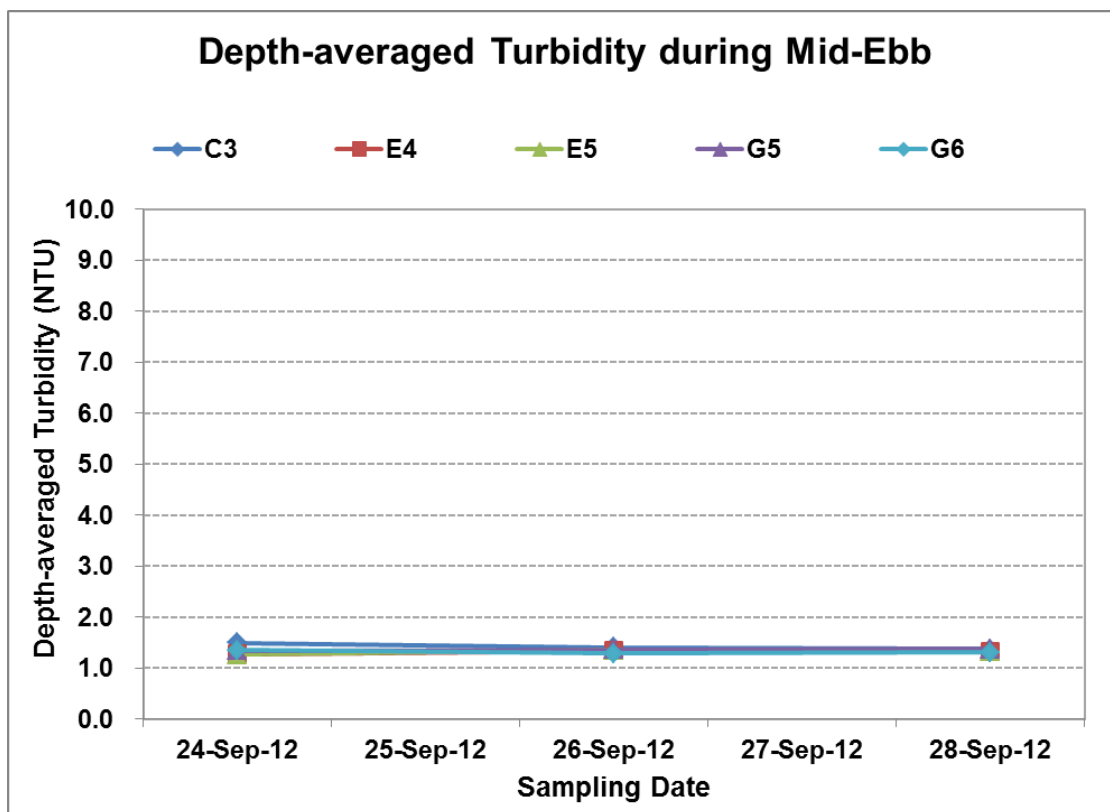


Figure D4 Depth-averaged turbidity (NTU) of water column measured during the baseline monitoring period from 24 September to 28 September for Zone C



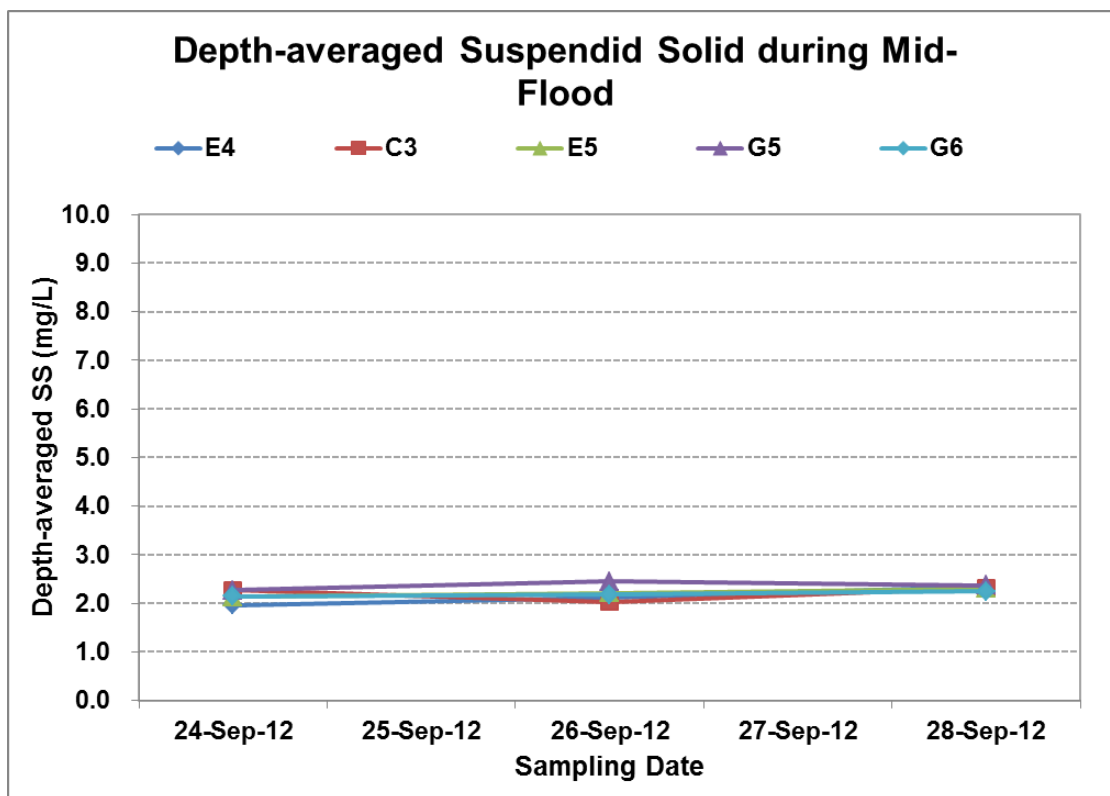
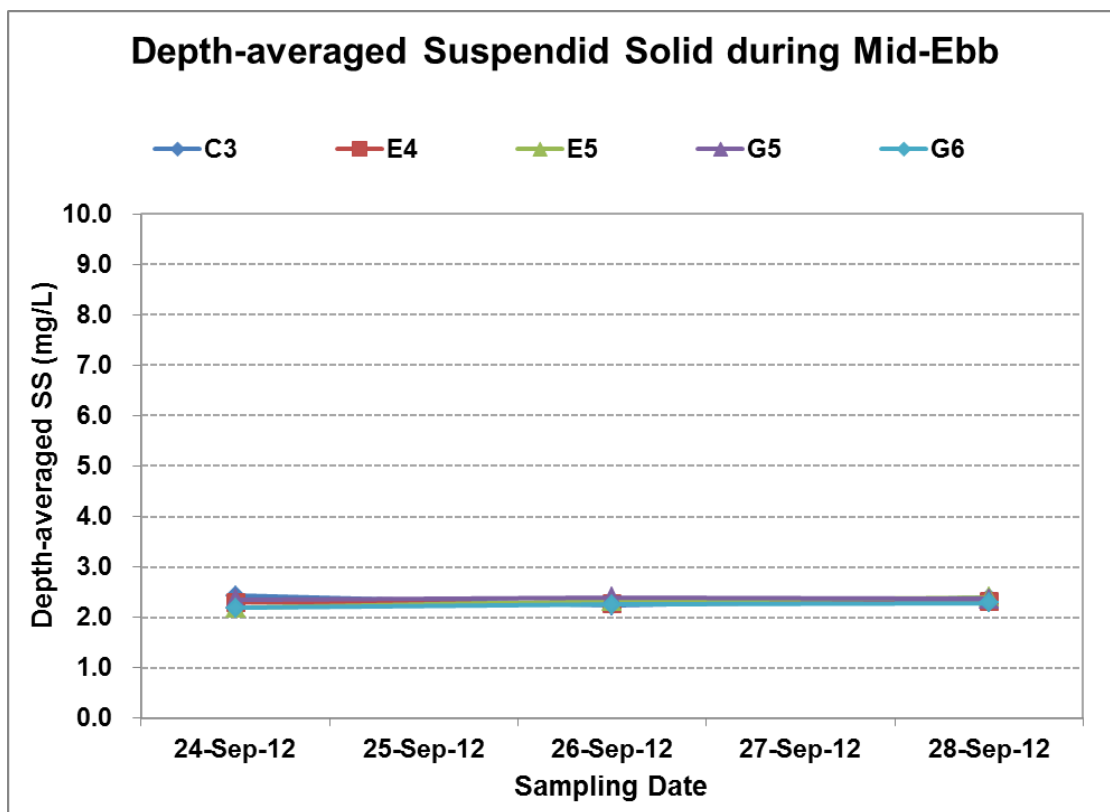


Figure D5 Depth-averaged suspended solid (mg/L) of water column measured during the baseline monitoring period from 24 September to 28 September for Zone C



Annex D1 Baseline Water Quality Monitoring Results during Mid-Flood Tide for 24 September 2012

Date: 24-Sep-12
 Tide: Mid-Flood
 Weather: Rainy
 Sea Conditions: Small Wave
 Zone: C

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.**			
E4	1330-1348	22.4	E	0.3	Surface	27.9	27.0	27.5	26.8	26.7	26.8	5.7	5.7	5.7	84.9	85.5	85.2	1.1	1.2	1.1		1.8	2.0	1.9	
					Middle	27.9	27.8	27.9	26.8	26.8	26.8	5.8	5.8	5.8	86.7	86.3	86.5	1.0	1.1	1.1	1.2	1.6	1.8	1.7	2.0
					Bottom	27.8	27.7	27.8	27.0	27.0	27.0	5.8	5.7	5.7	85.8	84.6	85.2	1.4	1.4	1.4		2.2	2.4	2.3	
C3	1400-1418	31.4	E	0.4	Surface	27.9	28.0	28.0	27.0	26.9	27.0	5.8	5.9	5.9	87.0	87.5	87.3	1.2	1.2	1.2		2.0	2.3	2.2	
					Middle	27.8	27.8	27.8	27.2	27.2	27.2	5.8	5.7	5.7	85.7	85.0	85.4	1.3	1.3	1.3	1.4	2.3	2.5	2.4	2.3
					Bottom	27.7	27.7	27.7	27.3	27.3	27.3	5.5	5.5	5.5	82.1	82.5	82.3	1.5	1.6	1.6		2.1	2.4	2.3	
E5	1428-1445	32.8	E	0.4	Surface	28.0	28.0	28.0	27.1	27.1	27.1	5.8	5.8	5.8	86.4	85.8	86.1	1.2	1.1	1.2		1.9	1.8	1.9	
					Middle	28.0	27.9	28.0	27.2	27.3	27.3	5.8	5.8	5.8	86.7	86.1	86.4	1.2	1.2	1.2	1.2	2.3	2.1	2.2	2.1
					Bottom	27.8	27.8	27.8	27.3	27.4	27.4	5.7	5.6	5.6	84.3	83.6	84.0	1.3	1.3	1.3		2.3	2.4	2.4	
G6	1452-1510	32.6	E	0.4	Surface	28.0	28.0	28.0	27.1	27.0	27.1	5.8	5.7	5.8	86.3	85.5	85.9	1.1	1.2	1.1		1.9	2.0	2.0	
					Middle	27.9	27.9	27.9	27.2	27.3	27.3	5.8	5.8	5.8	86.4	87.1	86.8	1.2	1.1	1.1	1.2	2.2	2.1	2.2	2.2
					Bottom	27.7	27.8	27.8	27.1	27.1	27.1	5.8	5.7	5.8	86.3	85.5	85.9	1.2	1.3	1.2		2.2	2.5	2.4	
G5	1523-1545	29.2	E	0.4	Surface	28.0	28.1	28.1	26.8	26.9	26.9	5.7	5.6	5.6	84.3	83.7	84.0	1.0	1.1	1.1		2.0	1.9	2.0	
					Middle	28.0	27.9	28.0	26.9	26.9	26.9	5.7	5.7	5.7	85.2	84.6	84.9	1.2	1.2	1.2	1.2	2.2	2.5	2.4	2.3
					Bottom	27.8	27.8	27.8	27.0	27.1	27.1	5.6	5.6	5.6	82.9	83.6	83.3	1.4	1.5	1.5		2.4	2.6	2.5	

Remark or Observation:

Note: * Average ** Depth Average

Annex D2 Baseline Water Quality Monitoring Results during Mid-Ebb Tide for 24 September 2012

Date: 24-Sep-12
 Tide: Mid-Ebb
 Weather: Rainy
 Sea Conditions: Small Wave
 Zone: C

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.**			
E4	1800-1818	22.0	E	0.5	Surface	28.0	28.0	28.0	26.7	26.7	26.7	5.9	5.9	5.9	87.6	87.0	87.3	1.2	1.3	1.3		2.0	2.1	2.1	
					Middle	27.9	27.8	27.9	26.8	26.7	26.8	5.7	5.8	5.8	84.9	85.2	85.1	1.2	1.1	1.1	1.3	2.3	2.4	2.4	2.3
					Bottom	27.7	27.6	27.7	27.0	26.9	27.0	5.7	5.7	5.7	83.9	83.6	83.8	1.5	1.4	1.4		2.5	2.5	2.5	
C3	1830-1847	30.8	E	0.6	Surface	28.0	28.1	28.1	26.9	26.8	26.9	5.9	5.8	5.8	86.6	86.1	86.4	1.3	1.3	1.3		2.1	2.3	2.2	
					Middle	27.8	27.9	27.9	27.0	27.1	27.1	5.8	5.8	5.8	85.8	85.9	85.9	1.5	1.6	1.5	1.5	2.5	2.5	2.5	2.4
					Bottom	27.6	27.6	27.6	27.2	27.3	27.3	5.6	5.7	5.7	83.5	83.9	83.7	1.7	1.6	1.7		2.5	2.7	2.6	
E5	1858-1916	40.2	E	0.5	Surface	28.1	28.0	28.1	26.9	26.8	26.9	5.7	5.7	5.7	84.2	86.7	85.5	1.1	1.1	1.1		1.9	2.1	2.0	
					Middle	27.9	27.9	27.9	27.2	27.3	27.3	5.7	5.7	5.7	83.6	83.6	83.6	1.2	1.3	1.3	1.3	2.3	2.2	2.3	2.2
					Bottom	27.5	27.6	27.6	27.1	27.2	27.2	5.5	5.5	5.5	81.8	81.4	81.6	1.5	1.5	1.5		2.4	2.2	2.3	
G6	1920-1938	31.8	E	0.5	Surface	28.1	28.0	28.1	26.7	26.8	26.8	5.8	5.9	5.9	86.1	87.0	86.6	1.3	1.4	1.4		2.0	1.8	1.9	
					Middle	27.8	27.9	27.9	27.1	27.2	27.2	5.9	5.9	5.9	87.3	87.2	87.3	1.3	1.3	1.3	1.4	2.3	2.2	2.3	2.2
					Bottom	27.6	27.7	27.7	27.3	27.3	27.3	5.7	5.7	5.7	84.7	84.2	84.5	1.4	1.4	1.4		2.5	2.3	2.4	
G5	1951-2010	28.8	E	0.5	Surface	28.1	28.2	28.2	26.8	26.7	26.8	5.8	5.8	5.8	85.4	86.1	85.8	1.2	1.1	1.2		2.2	2.1	2.2	
					Middle	27.9	27.8	27.9	27.1	27.1	27.1	5.7	5.6	5.6	83.6	83.2	83.4	1.3	1.4	1.4	1.3	2.3	2.5	2.4	2.4
					Bottom	27.7	27.7	27.7	27.2	27.3	27.3	5.6	5.5	5.6	82.7	81.8	82.3	1.5	1.6	1.5		2.4	2.6	2.5	

Remark or Observation:

Note: * Average ** Depth Average

Annex D3 Baseline Water Quality Monitoring Results during Mid-Flood Tide for 26 September 2012

Date: 26-Sep-12
 Tide: Mid-Flood
 Weather: Cloudy
 Sea Conditions: Great Wave
 Zone: C

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.**				
E4	1500-1520	21.6	W	0.8	Surface	27.8	27.8	27.8	26.6	26.7	26.7	5.9	5.9	5.9	87.3	86.7	87.0	1.4	1.4	1.4	1.4	2.0	2.1	2.1	2.1	
					Middle	27.6	27.7	27.7	26.7	26.8	26.8	5.8	5.9	5.9	85.6	86.4	86.0	1.2	1.3	1.3	1.4	1.9	2.0	2.0	2.1	
					Bottom	27.5	27.6	27.6	26.8	26.9	26.9	5.7	5.8	5.7	83.9	84.8	84.4	1.4	1.5	1.5		2.3	2.4	2.4		
C3	1528-1546	31.4	W	0.8	Surface	27.7	27.8	27.8	26.7	26.7	26.7	5.9	5.9	5.9	86.6	87.0	86.8	1.2	1.2	1.2		1.9	2.0	2.0		
					Middle	27.6	27.7	27.7	27.0	27.0	27.0	5.8	5.8	5.8	84.5	85.1	84.8	1.2	1.3	1.2	1.3	2.0	2.2	2.1	2.0	
					Bottom	27.6	27.6	27.6	27.1	27.2	27.2	5.5	5.5	5.5	81.3	80.9	81.1	1.4	1.4	1.4		2.0	2.1	2.1		
E5	1555-1615	32.8	W	0.7	Surface	27.8	27.9	27.9	26.6	26.7	26.7	5.9	6.0	5.9	87.0	87.5	87.3	1.3	1.3	1.3		2.0	1.9	2.0		
					Middle	27.6	27.6	27.6	27.0	27.1	27.1	5.8	5.9	5.8	85.6	86.3	86.0	1.3	1.3	1.3	1.4	2.2	2.1	2.2	2.2	
					Bottom	27.5	27.6	27.6	27.2	27.3	27.3	5.7	5.7	5.7	83.5	83.0	83.3	1.5	1.5	1.5		2.6	2.5	2.6		
G6	1620-1640	32.8	W	0.8	Surface	27.8	27.9	27.9	26.7	26.7	26.7	6.0	5.9	6.0	87.6	87.3	87.5	1.2	1.3	1.2		1.9	2.0	2.0		
					Middle	27.7	27.6	27.7	27.0	27.0	27.0	5.8	5.8	5.8	85.8	85.4	85.6	1.3	1.2	1.3	1.3	2.2	2.0	2.1	2.2	
					Bottom	27.6	27.5	27.6	27.2	27.1	27.2	5.8	5.9	5.9	85.6	86.7	86.2	1.4	1.4	1.4		2.4	2.6	2.5		
G5	1647-1710	30.6	W	0.8	Surface	27.8	27.8	27.8	26.8	26.7	26.8	5.9	5.9	5.9	86.3	87.0	86.7	1.4	1.4	1.4		2.5	2.4	2.5		
					Middle	27.6	27.7	27.7	27.0	26.9	27.0	5.9	5.9	5.9	87.1	87.4	87.3	1.4	1.4	1.4	1.4	2.3	2.4	2.4	2.5	
					Bottom	27.6	27.0	27.3	27.0	27.1	27.1	5.6	5.7	5.6	82.8	83.2	83.0	1.6	1.5	1.6		2.5	2.6	2.6		

Remark or Observation:

Note: * Average ** Depth Average

Annex D4 Baseline Water Quality Monitoring Results during Mid-Ebb Tide for 26 September 2012

Date: 26-Sep-12
 Tide: Mid-Ebb
 Weather: Cloudy
 Sea Conditions: Great Wave
 Zone: C

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.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
E4	0830-0850	22.2	E	0.7	Surface	27.6	27.7	27.7	26.5	26.5	26.5	5.8	5.8	5.8	86.1	85.5	85.8	1.4	1.4	1.4		2.4	2.2	2.3	
					Middle	27.6	27.6	27.6	26.6	26.7	26.7	5.9	5.9	5.9	87.0	86.6	86.8	1.2	1.2	1.2	1.3	2.0	2.1	2.1	2.3
					Bottom	27.6	27.5	27.6	26.8	26.8	26.8	5.6	5.6	5.6	82.9	83.5	83.2	1.4	1.5	1.4		2.5	2.4	2.5	
C3	0858-0916	31.0	E	0.9	Surface	27.7	27.7	27.7	26.6	26.7	26.7	5.9	6.0	5.9	87.6	89.2	88.4	1.3	1.3	1.3		2.1	2.1	2.1	
					Middle	27.5	27.6	27.6	27.1	27.0	27.1	5.8	5.8	5.8	86.1	85.2	85.7	1.3	1.3	1.3	1.4	2.1	2.3	2.2	2.2
					Bottom	27.5	27.5	27.5	27.2	27.3	27.3	5.4	5.5	5.4	80.2	81.0	80.6	1.6	1.7	1.6		2.3	2.5	2.4	
E5	0925-0945	32.0	E	0.8	Surface	27.7	27.8	27.8	26.7	26.7	26.7	5.9	5.9	5.9	86.7	87.3	87.0	1.4	1.3	1.3		2.4	2.2	2.3	
					Middle	27.7	27.6	27.7	27.1	27.1	27.1	5.9	5.8	5.9	87.2	86.4	86.8	1.2	1.3	1.2	1.4	2.0	2.2	2.1	2.3
					Bottom	27.6	27.6	27.6	27.2	27.2	27.2	5.6	5.6	5.6	82.7	83.3	83.0	1.5	1.5	1.5		2.6	2.5	2.6	
G6	0950-1010	32.4	E	0.8	Surface	27.7	27.7	27.7	26.8	26.8	26.8	5.8	5.9	5.8	85.8	86.6	86.2	1.4	1.2	1.3		2.1	2.0	2.1	
					Middle	27.7	27.6	27.7	26.9	27.0	27.0	5.9	6.0	5.9	87.5	88.2	87.9	1.1	1.2	1.2	1.3	2.2	2.0	2.1	2.3
					Bottom	27.5	27.5	27.5	27.1	27.1	27.1	5.8	5.7	5.8	85.5	84.7	85.1	1.4	1.5	1.4		2.5	2.7	2.6	
G5	1017-1040	30.0	E	0.9	Surface	27.8	27.8	27.8	26.7	26.8	26.8	5.7	5.8	5.8	85.0	85.7	85.4	1.3	1.4	1.3		2.4	2.5	2.5	
					Middle	27.7	27.7	27.7	26.9	26.9	26.9	5.8	5.9	5.9	86.3	87.0	86.7	1.2	1.3	1.3	1.4	2.2	2.3	2.3	2.4
					Bottom	27.6	27.6	27.6	26.9	27.0	27.0	5.7	5.7	5.7	84.2	83.6	83.9	1.5	1.5	1.5		2.4	2.6	2.5	

Remark or Observation:

Note: * Average ** Depth Average

Annex D5 Baseline Water Quality Monitoring Results during Mid-Flood Tide for 28 September 2012

Date: 28-Sep-12
 Tide: Mid-Flood
 Weather: Fine
 Sea Conditions: Great Wave
 Zone: C

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.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
E4	16:00-16:22	24.3	W	1.0	Surface	27.9	27.9	27.9	26.5	26.5	26.5	5.9	5.7	5.8	87.0	84.6	85.8	1.3	1.3	1.3		2.4	2.2	2.3	
					Middle	27.7	27.7	27.7	26.6	26.7	26.7	5.7	5.7	5.7	84.8	84.2	84.5	1.3	1.4	1.4	1.3	2.3	2.4	2.4	2.3
					Bottom	27.5	27.5	27.5	26.9	27.0	27.0	5.6	5.5	5.5	82.2	81.5	81.9	1.4	1.4	1.4		2.4	2.3	2.4	
C3	16:30-16:51	32.7	W	1.0	Surface	28.0	27.9	28.0	26.6	26.5	26.6	5.8	5.8	5.8	85.7	85.5	85.6	1.4	1.4	1.4		2.2	2.4	2.3	
					Middle	27.7	27.7	27.7	26.7	26.7	26.7	5.7	5.7	5.7	84.5	84.8	84.7	1.3	1.3	1.3	1.4	2.2	2.3	2.3	2.3
					Bottom	27.5	27.6	27.6	27.0	26.9	27.0	5.5	5.5	5.5	81.1	81.4	81.3	1.4	1.4	1.4		2.4	2.4	2.4	
E5	17:00-17:21	33.6	W	1.0	Surface	28.0	28.0	28.0	26.6	26.6	26.6	5.8	5.8	5.8	85.7	85.2	85.5	1.3	1.4	1.3		2.2	2.3	2.3	
					Middle	27.7	27.7	27.7	26.8	26.8	26.8	5.6	5.6	5.6	83.2	82.7	83.0	1.3	1.2	1.3	1.3	2.2	2.2	2.2	2.3
					Bottom	27.6	27.5	27.6	27.0	27.0	27.0	5.5	5.5	5.5	81.1	70.8	76.0	1.4	1.4	1.4		2.4	2.5	2.5	
G6	17:25-17:45	34.1	W	1.0	Surface	28.0	28.0	28.0	26.8	26.8	26.8	5.6	5.6	5.6	83.3	82.9	83.1	1.3	1.4	1.4		2.2	2.4	2.3	
					Middle	27.9	27.8	27.9	26.9	27.0	27.0	5.6	5.6	5.6	82.6	82.4	82.5	1.2	1.1	1.2	1.3	2.0	2.1	2.1	2.3
					Bottom	27.7	27.7	27.7	27.2	27.2	27.2	5.5	5.5	5.5	81.7	81.3	81.5	1.4	1.4	1.4		2.4	2.4	2.4	
G5	17:52-18:12	32.3	W	1.1	Surface	28.0	27.9	28.0	26.9	26.8	26.9	5.9	5.8	5.8	86.7	85.7	86.2	1.3	1.3	1.3		2.2	2.2	2.2	
					Middle	27.8	27.8	27.8	26.9	26.9	26.9	5.8	5.8	5.8	85.9	86.1	86.0	1.3	1.4	1.3	1.4	2.3	2.4	2.4	2.4
					Bottom	27.6	27.6	27.6	27.2	27.1	27.2	5.7	5.7	5.7	84.1	83.8	84.0	1.5	1.5	1.5		2.5	2.6	2.6	

Remark or Observation:

Note: * Average ** Depth Average

Annex D6 Baseline Water Quality Monitoring Results during Mid-Ebb Tide for 28 September 2012

Date: 28-Sep-12
 Tide: Mid-Ebb
 Weather: Fine
 Sea Conditions: Great Wave
 Zone: C

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.*	1	2	Ave.*	D.A.**	1	2	Ave.*	D.A.**
E4	09:30-09:50	22.1	E	0.7	Surface	27.7	27.6	27.7	26.5	26.6	26.6	5.8	5.8	5.8	85.7	85.2	85.5	1.4	1.3	1.4		2.4	2.3	2.4	
					Middle	27.6	27.5	27.6	26.7	26.8	26.8	5.9	5.8	5.8	86.5	86.3	86.4	1.2	1.2	1.2	1.3	2.1	2.2	2.2	2.3
					Bottom	27.5	27.5	27.5	26.8	26.9	26.9	5.6	5.6	5.6	82.6	83.2	82.9	1.4	1.5	1.4		2.4	2.5	2.5	
C3	09:58-10:16	30.8	E	0.9	Surface	27.7	27.6	27.7	26.6	26.7	26.7	5.9	5.9	5.9	87.2	87.9	87.6	1.3	1.3	1.3		2.2	2.3	2.3	
					Middle	27.5	27.5	27.5	26.8	26.9	26.9	5.8	5.8	5.8	86.0	85.1	85.6	1.3	1.3	1.3	1.4	2.2	2.4	2.3	2.4
					Bottom	27.6	27.4	27.5	27.1	27.2	27.2	5.4	5.4	5.4	80.0	80.5	80.3	1.5	1.6	1.6		2.6	2.6	2.6	
E5	10:25-10:45	31.8	E	0.8	Surface	27.8	27.7	27.8	26.7	26.8	26.8	5.9	5.9	5.9	87.5	87.8	87.7	1.3	1.3	1.3		2.4	2.3	2.4	
					Middle	27.6	27.5	27.6	26.9	27.0	27.0	5.9	5.8	5.9	87.0	86.3	86.7	1.2	1.3	1.2	1.3	2.2	2.4	2.3	2.4
					Bottom	27.5	27.5	27.5	27.2	27.3	27.3	5.6	5.6	5.6	83.2	83.5	83.4	1.5	1.5	1.5		2.5	2.6	2.6	
G6	10:50-11:10	32.2	E	0.8	Surface	27.8	27.8	27.8	26.8	26.8	26.8	5.8	5.8	5.8	85.5	86.4	86.0	1.3	1.3	1.3		2.2	2.4	2.3	
					Middle	27.7	27.6	27.7	26.9	27.0	27.0	5.9	5.9	5.9	87.3	87.9	87.6	1.2	1.2	1.2	1.3	2.0	2.2	2.1	2.3
					Bottom	27.5	27.5	27.5	27.1	27.2	27.2	5.8	5.7	5.7	85.1	84.5	84.8	1.4	1.5	1.4		2.4	2.5	2.5	
G5	11:17-11:40	30.0	E	0.9	Surface	27.8	27.7	27.8	26.8	26.7	26.8	5.7	5.8	5.8	84.8	85.4	85.1	1.3	1.4	1.3		2.4	2.3	2.4	
					Middle	27.6	27.6	27.6	26.9	26.9	26.9	5.8	5.9	5.8	86.0	86.9	86.5	1.3	1.3	1.3	1.4	2.2	2.3	2.3	2.4
					Bottom	27.6	27.5	27.6	27.0	27.1	27.1	5.7	5.6	5.7	84.1	83.3	83.7	1.5	1.6	1.5		2.4	2.6	2.5	

Remark or Observation:

Note: * Average ** Depth Average