

**Annex C1 Post Project Water Quality Monitoring Results during Mid-flood on 4 February 2013**

Date: 4-Feb-13  
 Tide: Mid-Flood  
 Weather: Cloudy  
 Sea Conditions: Small Wave  
 Zone: A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms <sup>-1</sup> )	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.**
C1	1030-1038	36.4	W	0.5	Surface	17.9	17.9	17.9	27.0	27.0	27.0	7.6	7.5	7.5	92.9	92.5	92.7	3.3	3.3	3.3		6.2	6.0	6.1	
					Middle	17.9	17.9	17.9	27.2	27.2	27.2	7.4	7.4	7.4	90.8	90.3	90.6	3.6	3.7	3.6	3.6	6.6	6.7	6.7	6.6
					Bottom	18.0	18.1	18.1	27.3	27.4	27.4	7.2	7.2	7.2	88.7	88.3	88.5	3.8	3.7	3.7		7.2	6.9	7.1	
E8	1045-1102	21.2	W	0.3	Surface	17.9	17.9	17.9	27.1	27.1	27.1	7.6	7.6	7.6	93.6	93.1	93.4	3.5	3.4	3.4		6.5	6.3	6.4	
					Middle	18.0	18.0	18.0	27.3	27.3	27.3	7.4	7.4	7.4	91.4	90.9	91.2	3.7	3.7	3.7	3.6	6.7	6.6	6.7	6.5
					Bottom	18.0	18.0	18.0	27.4	27.4	27.4	7.2	7.2	7.2	88.4	87.8	88.1	3.7	3.6	3.6		6.6	6.5	6.6	
S1	1110-1125	10.2	W	0.4	Surface	17.9	17.9	17.9	27.1	27.2	27.2	7.6	7.5	7.6	93.2	92.6	92.9	3.6	3.5	3.6		6.5	6.5	6.5	
					Middle	18.0	18.1	18.1	27.3	27.3	27.3	7.4	7.3	7.4	90.5	90.2	90.4	3.4	3.3	3.3	3.5	6.0	6.1	6.1	6.4
					Bottom	18.0	18.1	18.1	27.3	27.4	27.4	7.2	7.2	7.2	88.3	88.0	88.2	3.5	3.4	3.5		6.5	6.5	6.5	
G1	1132-1147	12.6	W	0.4	Surface	17.9	17.9	17.9	27.1	27.1	27.1	7.5	7.5	7.5	92.0	91.6	91.8	3.4	3.5	3.5		6.4	6.6	6.5	
					Middle	18.0	18.0	18.0	27.3	27.3	27.3	7.3	7.3	7.3	90.2	89.7	90.0	3.3	3.3	3.3	3.5	6.2	6.4	6.3	6.5
					Bottom	18.0	18.1	18.1	27.4	27.4	27.4	7.3	7.3	7.3	89.5	89.1	89.3	3.7	3.6	3.6		6.5	6.7	6.6	
E7	1153-1205	13.8	W	0.4	Surface	17.8	17.9	17.9	27.1	27.2	27.2	7.6	7.5	7.6	93.0	92.5	92.8	3.4	3.4	3.4		6.0	6.1	6.1	
					Middle	17.9	18.0	18.0	27.3	27.2	27.3	7.4	7.4	7.4	90.9	91.4	91.2	3.6	3.5	3.6	3.6	6.7	6.3	6.5	6.4
					Bottom	18.0	18.0	18.0	27.3	27.3	27.3	7.4	7.3	7.4	90.5	90.2	90.4	3.8	3.8	3.8		6.9	6.6	6.8	
F1	1213-1227	12.4	W	0.5	Surface	17.9	17.9	17.9	27.2	27.2	27.2	7.6	7.6	7.6	93.6	93.0	93.3	3.6	3.7	3.6		6.4	6.8	6.6	
					Middle	18.0	18.0	18.0	27.2	27.3	27.3	7.5	7.6	7.5	92.2	92.7	92.5	3.5	3.5	3.5	3.6	6.2	6.3	6.3	6.5
					Bottom	18.1	18.0	18.1	27.4	27.4	27.4	7.4	7.4	7.4	90.9	90.4	90.7	3.8	3.7	3.8		6.8	6.6	6.7	
G3	1234-1249	15.8	W	0.3	Surface	17.9	17.9	17.9	27.2	27.1	27.2	7.6	7.5	7.6	93.1	92.6	92.9	3.5	3.5	3.5		6.3	6.4	6.4	
					Middle	18.0	17.9	18.0	27.3	27.3	27.3	7.4	7.3	7.4	90.5	90.2	90.4	3.6	3.5	3.6	3.6	6.5	6.4	6.5	6.6
					Bottom	18.0	18.0	18.0	27.4	27.3	27.4	7.3	7.3	7.3	89.5	89.1	89.3	3.7	3.6	3.6		7.0	6.7	6.9	
E9	1255-1310	20.2	W	0.7	Surface	17.9	17.8	17.9	27.2	27.2	27.2	7.5	7.5	7.5	92.6	92.1	92.4	3.6	3.5	3.5		6.3	6.0	6.2	
					Middle	18.0	18.0	18.0	27.3	27.3	27.3	7.4	7.3	7.3	90.5	89.9	90.2	3.8	3.9	3.8	3.7	6.9	6.9	6.9	6.6
					Bottom	18.1	18.1	18.1	27.4	27.4	27.4	7.2	7.3	7.2	88.7	89.1	88.9	3.8	3.7	3.8		6.8	6.6	6.7	
S2	1316-1330	11.6	W	0.5	Surface	17.9	17.9	17.9	27.2	27.2	27.2	7.5	7.4	7.5	91.8	91.4	91.6	3.7	3.8	3.7		6.4	6.5	6.5	
					Middle	17.9	18.0	18.0	27.2	27.1	27.2	7.3	7.3	7.3	89.1	89.4	89.3	3.8	3.8	3.8	3.8	7.0	6.9	7.0	6.8
					Bottom	18.0	17.9	18.0	27.4	27.4	27.4	7.1	7.1	7.1	87.6	87.1	87.4	3.9	4.0	3.9		6.9	7.0	7.0	
G2	1338-1353	13.8	W	0.4	Surface	18.0	17.9	18.0	27.2	27.2	27.2	7.3	7.3	7.3	89.5	89.1	89.3	4.1	4.0	4.0		7.0	6.7	6.9	
					Middle	18.0	18.0	18.0	27.3	27.3	27.3	7.1	7.1	7.1	87.4	86.9	87.2	3.9	3.8	3.8	3.9	6.6	6.9	6.8	6.8
					Bottom	18.0	18.1	18.1	27.4	27.4	27.4	7.0	6.9	7.0	85.5	84.8	85.2	4.0	3.9	3.9		7.0	6.8	6.9	
S3	1400-1415	10.6	W	0.6	Surface	18.0	18.0	18.0	27.2	27.2	27.2	7.4	7.3	7.4	90.5	90.2	90.4	4.2	4.3	4.3		7.4	7.6	7.5	
					Middle	18.0	18.0	18.0	27.3	27.3	27.3	7.0	7.0	7.0	86.4	86.0	86.2	3.8	3.8	3.8	4.0	6.9	6.8	6.9	7.2
					Bottom	18.1	18.1	18.1	27.4	27.4	27.4	7.0	7.0	7.0	86.0	86.4	86.2	4.1	4.0	4.0		7.3	7.2	7.3	

Remark or Observation:

Note: \* Average \*\* Depth Average

**Annex C2 Post Project Water Quality Monitoring Results during Mid-ebb on 4 February 2013**

Date: 4-Feb-13  
 Tide: Mid-Ebb  
 Weather: Cloudy  
 Sea Conditions: Small Wave  
 Zone: A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms <sup>-1</sup> )	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.**
C1	1600-1618	35.8	W	0.5	Surface	17.9	17.9	17.9	26.9	27.0	27.0	7.6	7.6	7.6	93.5	93.1	93.3	3.4	3.4	3.4		6.2	6.2	6.2	
					Middle	17.9	17.9	17.9	27.1	27.2	27.2	7.5	7.4	7.4	92.0	91.1	91.6	3.6	3.6	3.6	3.6	6.4	6.3	6.4	6.4
					Bottom	17.9	18.0	18.0	27.3	27.4	27.4	7.2	7.1	7.2	88.4	87.7	88.1	3.7	3.7	3.7		6.7	6.7	6.7	
E8	1621-1639	20.6	W	0.4	Surface	17.9	18.0	18.0	26.9	27.0	27.0	7.6	7.6	7.6	93.4	93.6	93.5	3.4	3.4	3.4		6.2	6.1	6.2	
					Middle	17.9	17.8	17.9	27.2	27.3	27.3	7.5	7.4	7.5	92.3	91.4	91.9	3.7	3.7	3.7	3.6	6.6	6.4	6.5	6.4
					Bottom	17.8	17.9	17.9	27.3	27.2	27.3	7.2	7.2	7.2	89.1	88.6	88.9	3.5	3.6	3.6		6.4	6.6	6.5	
S1	1642-1700	9.6	W	0.4	Surface	18.0	18.0	18.0	27.0	27.0	27.0	7.5	7.6	7.6	92.7	92.9	92.8	3.6	3.6	3.6		6.4	6.2	6.3	
					Middle	17.9	17.9	17.9	27.2	27.2	27.2	7.4	7.4	7.4	90.5	91.0	90.8	3.8	3.9	3.9	3.8	6.8	7.0	6.9	6.8
					Bottom	17.9	17.9	17.9	27.2	27.3	27.3	7.4	7.4	7.4	91.0	91.5	91.3	3.9	3.9	3.9		7.3	7.1	7.2	
G1	1703-1721	11.8	W	0.5	Surface	17.9	17.9	17.9	27.1	27.2	27.2	7.5	7.5	7.5	91.9	92.1	92.0	3.5	3.6	3.5		6.3	6.4	6.4	
					Middle	17.8	17.7	17.8	27.3	27.4	27.4	7.2	7.3	7.3	89.1	89.3	89.2	3.7	3.8	3.7	3.7	6.6	6.7	6.7	6.7
					Bottom	17.7	17.8	17.8	27.2	27.3	27.3	7.3	7.4	7.3	89.8	90.5	90.2	3.8	3.9	3.8		7.0	7.0	7.0	
E7	1724-1742	13.0	W	0.6	Surface	17.8	17.9	17.9	27.0	27.1	27.1	7.6	7.6	7.6	93.7	93.9	93.8	3.6	3.7	3.6		6.3	6.6	6.5	
					Middle	17.8	17.8	17.8	27.1	27.2	27.2	7.4	7.5	7.5	91.1	92.1	91.6	3.8	3.9	3.8	3.8	7.1	6.9	7.0	6.9
					Bottom	17.9	17.9	17.9	27.3	27.3	27.3	7.3	7.3	7.3	89.3	89.9	89.6	3.9	3.9	3.9		7.2	7.1	7.2	
F1	1745-1803	12.6	W	0.5	Surface	17.8	17.9	17.9	26.9	27.0	27.0	7.6	7.6	7.6	93.4	93.7	93.6	3.5	3.5	3.5		6.2	6.5	6.4	
					Middle	17.9	17.9	17.9	27.2	27.1	27.2	7.3	7.3	7.3	89.3	89.8	89.6	3.6	3.6	3.6	3.6	6.7	6.5	6.6	6.5
					Bottom	17.9	17.8	17.9	27.4	27.3	27.4	7.2	7.1	7.2	88.2	87.7	88.0	3.7	3.8	3.8		6.6	6.7	6.7	
G3	1806-1824	15.2	W	0.4	Surface	17.8	17.7	17.8	27.0	27.1	27.1	7.4	7.5	7.4	91.4	91.6	91.5	3.3	3.4	3.4		6.0	6.3	6.2	
					Middle	17.8	17.7	17.8	27.3	27.4	27.4	7.3	7.3	7.3	89.8	89.4	89.6	3.4	3.4	3.4	3.5	6.4	6.6	6.5	6.5
					Bottom	17.9	17.8	17.9	27.3	27.3	27.3	7.2	7.3	7.3	89.1	89.3	89.2	3.7	3.7	3.7		6.6	6.8	6.7	
E9	1827-1845	19.8	W	0.4	Surface	17.8	17.9	17.9	27.0	27.1	27.1	7.6	7.5	7.6	93.4	92.7	93.1	3.4	3.5	3.4		6.0	6.2	6.1	
					Middle	17.9	17.8	17.9	27.1	27.2	27.2	7.4	7.4	7.4	90.5	91.0	90.8	3.7	3.7	3.7	3.6	6.7	6.6	6.7	6.6
					Bottom	18.0	17.9	18.0	27.2	27.3	27.3	7.2	7.3	7.2	88.6	88.8	88.7	3.8	3.8	3.8		7.2	6.9	7.1	
S2	1848-1906	11.0	W	0.3	Surface	17.9	17.9	17.9	27.1	27.2	27.2	7.4	7.5	7.5	90.6	91.1	90.9	3.6	3.6	3.6		6.6	6.4	6.5	
					Middle	17.9	17.8	17.9	27.2	27.3	27.3	7.2	7.3	7.3	88.3	88.8	88.6	3.5	3.4	3.5	3.6	6.3	6.6	6.5	6.6
					Bottom	17.9	17.9	17.9	27.3	27.4	27.4	7.3	7.3	7.3	88.8	89.8	89.3	3.7	3.8	3.8		6.8	7.0	6.9	
G2	1914-1929	13.2	W	0.4	Surface	17.9	17.9	17.9	27.1	27.2	27.2	7.2	7.3	7.3	89.1	89.5	89.3	4.1	4.2	4.1		7.5	7.2	7.4	
					Middle	17.9	17.8	17.9	27.3	27.2	27.3	7.2	7.2	7.2	88.3	88.6	88.5	4.0	4.1	4.1	4.0	7.2	7.0	7.1	7.2
					Bottom	17.9	17.8	17.9	27.2	27.3	27.3	7.1	7.1	7.1	87.2	87.6	87.4	4.0	3.9	4.0		7.1	7.2	7.2	
S3	1938-1957	9.8	W	0.5	Surface	17.8	17.7	17.8	27.2	27.3	27.3	7.4	7.4	7.4	90.5	91.2	90.9	4.4	4.4	4.4		7.8	7.6	7.7	
					Middle	17.9	17.8	17.9	27.2	27.2	27.2	7.2	7.3	7.3	89.1	89.7	89.4	3.6	3.7	3.7	3.9	6.8	6.8	6.8	7.0
					Bottom	18.0	18.0	18.0	27.3	27.4	27.4	7.1	7.2	7.2	87.6	88.3	88.0	3.6	3.6	3.6		6.7	6.4	6.6	

Remark or Observation:

Note: \* Average \*\* Depth Average

**Annex C3 Post Project Water Quality Monitoring Results during Mid-flood on 6 February 2013**

Date: 6-Feb-13  
 Tide: Mid-Flood  
 Weather: Cloudy  
 Sea Conditions: Small Wave  
 Zone: A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms <sup>-1</sup> )	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.**				
C1	1200-1217	36.6	E	0.5	Surface	18.1	18.1	18.1	27.1	27.1	27.1	7.5	7.5	7.5	92.4	92.7	92.6	3.3	3.4	3.4		6.0	6.1	6.1		
					Middle	18.0	18.1	18.1	27.2	27.3	27.3	7.4	7.3	7.3	90.5	90.0	90.3	3.6	3.7	3.7	3.6	6.6	6.4	6.5	6.5	
					Bottom	18.1	18.2	18.2	27.4	27.5	27.5	7.2	7.2	7.2	88.4	87.9	88.2	3.8	3.8	3.8		6.9	6.8	6.9		
E8	1224-1240	21.3	E	0.4	Surface	18.0	18.0	18.0	27.1	27.0	27.1	7.6	7.6	7.6	93.6	93.1	93.4	3.5	3.5	3.5		6.3	6.4	6.4		
					Middle	17.9	18.0	18.0	27.2	27.2	27.2	7.4	7.4	7.4	91.4	90.9	91.2	3.8	3.8	3.8	3.7	6.8	6.8	6.8	6.7	
					Bottom	18.1	18.1	18.1	27.4	27.4	27.4	7.2	7.2	7.2	89.1	88.6	88.9	3.9	3.9	3.9		6.9	7.0	7.0		
S1	1248-1304	9.9	E	0.4	Surface	17.9	18.0	18.0	27.1	27.2	27.2	7.5	7.6	7.5	92.3	93.0	92.7	3.6	3.7	3.6		6.3	6.6	6.5		
					Middle	18.1	18.0	18.1	27.2	27.2	27.2	7.3	7.3	7.3	90.2	89.8	90.0	3.5	3.5	3.5	3.6	6.4	6.2	6.3	6.4	
					Bottom	18.2	18.1	18.2	27.3	27.4	27.4	7.2	7.1	7.2	88.2	87.7	88.0	3.7	3.7	3.7		6.6	6.4	6.5		
G1	1310-1327	12.8	E	0.5	Surface	18.1	18.1	18.1	27.1	27.1	27.1	7.6	7.6	7.6	94.0	93.6	93.8	3.4	3.4	3.4		6.2	6.4	6.3		
					Middle	18.0	18.0	18.0	27.3	27.4	27.4	7.4	7.5	7.4	91.4	91.8	91.6	3.4	3.5	3.4	3.5	6.2	6.3	6.3	6.4	
					Bottom	18.2	18.1	18.2	27.5	27.4	27.5	7.4	7.3	7.4	90.8	90.3	90.6	3.6	3.6	3.6		6.6	6.6	6.6		
E7	1333-1350	13.8	E	0.5	Surface	18.2	18.1	18.2	27.0	27.1	27.1	7.6	7.6	7.6	93.5	94.0	93.8	3.3	3.3	3.3		5.8	6.0	5.9		
					Middle	18.1	18.1	18.1	27.2	27.3	27.3	7.6	7.5	7.5	92.9	92.4	92.7	3.5	3.5	3.5	3.5	6.3	6.5	6.4	6.4	
					Bottom	18.2	18.1	18.2	27.4	27.4	27.4	7.4	7.4	7.4	91.4	90.9	91.2	3.7	3.7	3.7		6.9	6.6	6.8		
F1	1358-1413	12.8	E	0.4	Surface	18.2	18.2	18.2	27.1	27.1	27.1	7.7	7.7	7.7	94.2	94.8	94.5	3.5	3.5	3.5		6.4	6.4	6.4		
					Middle	18.1	18.0	18.1	27.2	27.3	27.3	7.6	7.6	7.6	94.0	93.5	93.8	3.4	3.5	3.4	3.5	6.1	6.3	6.2	6.4	
					Bottom	18.1	18.1	18.1	27.4	27.4	27.4	7.5	7.5	7.5	92.5	92.0	92.3	3.6	3.7	3.7		6.6	6.8	6.7		
G3	1420-1436	16.2	E	0.5	Surface	18.2	18.1	18.2	27.1	27.1	27.1	7.6	7.6	7.6	93.1	93.6	93.4	3.4	3.4	3.4		6.1	6.4	6.3		
					Middle	18.1	18.1	18.1	27.2	27.3	27.3	7.5	7.5	7.5	92.3	91.9	92.1	3.5	3.6	3.6	3.6	6.5	6.6	6.6	6.6	
					Bottom	18.2	18.1	18.2	27.4	27.5	27.5	7.4	7.3	7.3	90.5	90.0	90.3	3.7	3.7	3.7		7.0	6.8	6.9		
E9	1443-1500	20.4	E	0.4	Surface	18.1	18.2	18.2	27.1	27.1	27.1	7.7	7.6	7.6	94.2	93.8	94.0	3.4	3.5	3.5		6.2	6.3	6.3		
					Middle	18.0	18.1	18.1	27.3	27.4	27.4	7.5	7.5	7.5	92.4	91.9	92.2	3.7	3.7	3.7	3.6	6.6	6.9	6.8	6.5	
					Bottom	18.2	18.2	18.2	27.4	27.4	27.4	7.4	7.3	7.3	90.5	89.8	90.2	3.7	3.7	3.7		6.7	6.5	6.6		
S2	1506-1521	12.0	E	0.4	Surface	18.1	18.2	18.2	27.2	27.2	27.2	7.6	7.6	7.6	93.2	93.5	93.4	3.6	3.6	3.6		6.6	6.5	6.6		
					Middle	18.0	18.0	18.0	27.3	27.3	27.3	7.4	7.4	7.4	91.4	90.8	91.1	3.7	3.8	3.8	3.7	7.1	6.9	7.0	6.9	
					Bottom	18.1	18.1	18.1	27.5	27.4	27.5	7.2	7.2	7.2	89.1	88.6	88.9	3.9	3.9	3.9		7.1	7.4	7.3		
G2	1527-1542	14.2	E	0.5	Surface	18.2	18.1	18.2	27.1	27.2	27.2	7.4	7.4	7.4	91.0	91.4	91.2	3.9	4.0	3.9		7.0	7.1	7.1		
					Middle	18.0	18.1	18.1	27.3	27.3	27.3	7.3	7.2	7.3	89.5	89.1	89.3	3.8	3.8	3.8	3.9	6.8	6.8	6.8	7.0	
					Bottom	18.2	18.2	18.2	27.4	27.4	27.4	7.1	7.1	7.1	87.5	87.0	87.3	4.0	4.0	4.0		7.1	7.4	7.3		
S3	1547-1604	10.6	E	0.4	Surface	18.1	18.2	18.2	27.2	27.1	27.2	7.5	7.5	7.5	92.4	91.9	92.2	4.1	4.2	4.1		7.2	7.0	7.1		
					Middle	18.1	18.0	18.1	27.2	27.3	27.3	7.3	7.4	7.3	90.0	90.4	90.2	3.8	3.8	3.8	4.0	6.8	6.7	6.8	6.9	
					Bottom	18.2	18.1	18.2	27.4	27.4	27.4	7.2	7.2	7.2	88.7	88.3	88.5	3.9	4.0	3.9		6.7	7.0	6.9		

Remark or Observation:

Note: \* Average \*\* Depth Average

**Annex C4 Post Project Water Quality Monitoring Results during Mid-ebb on 6 February 2013**

Date: 6-Feb-13  
 Tide: Mid-Ebb  
 Weather: Cloudy  
 Sea Conditions: Small Wave  
 Zone: A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms <sup>-1</sup> )	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	0733-0741	36.0	W	0.6	Surface	18.0	17.9	18.0	27.1	27.2	27.2	7.5	7.4	7.5	91.9	91.2	91.6	3.4	3.4	3.4		6.2	6.2	6.2		
					Middle	18.0	18.1	18.1	27.2	27.3	27.3	7.3	7.3	7.3	89.8	89.3	89.6	3.7	3.7	3.7	3.7	6.4	6.6	6.5	6.6	
					Bottom	18.1	18.1	18.1	27.3	27.4	27.4	7.1	7.1	7.1	87.8	87.4	87.6	3.9	3.9	3.9		6.8	7.1	7.0		
E8	0747-0755	20.8	W	0.4	Surface	17.9	17.9	17.9	27.1	27.1	27.1	7.5	7.5	7.5	92.7	92.2	92.5	3.5	3.6	3.6		6.6	6.3	6.5		
					Middle	17.9	18.0	18.0	27.2	27.3	27.3	7.4	7.4	7.4	90.5	90.9	90.7	3.8	3.9	3.9	3.7	6.8	7.0	6.9	6.7	
					Bottom	18.0	18.1	18.1	27.3	27.4	27.4	7.1	7.2	7.1	87.5	88.1	87.8	3.8	3.8	3.8		6.5	6.8	6.7		
S1	0801-0809	9.4	W	0.4	Surface	17.9	18.0	18.0	27.1	27.2	27.2	7.5	7.5	7.5	92.3	91.9	92.1	3.7	3.7	3.7		6.7	6.4	6.6		
					Middle	18.0	18.1	18.1	27.2	27.3	27.3	7.3	7.3	7.3	89.6	89.1	89.4	3.5	3.5	3.5	3.6	6.2	6.3	6.3	6.4	
					Bottom	18.1	18.2	18.2	27.4	27.4	27.4	7.1	7.1	7.1	87.4	87.8	87.6	3.6	3.6	3.6		6.5	6.2	6.4		
G1	0815-0823	12.2	W	0.5	Surface	17.9	17.8	17.9	27.1	27.2	27.2	7.6	7.5	7.6	93.0	92.7	92.9	3.4	3.4	3.4		5.9	6.2	6.1		
					Middle	17.9	18.0	18.0	27.3	27.4	27.4	7.4	7.4	7.4	91.2	90.7	91.0	3.2	3.2	3.2	3.4	5.8	6.0	5.9	6.2	
					Bottom	18.0	18.1	18.1	27.4	27.4	27.4	7.4	7.3	7.4	90.6	90.1	90.4	3.6	3.6	3.6		6.5	6.6	6.6		
E7	0829-0837	13.4	W	0.4	Surface	17.9	17.9	17.9	27.1	27.1	27.1	7.7	7.6	7.6	94.0	93.5	93.8	3.3	3.4	3.3		6.1	6.1	6.1		
					Middle	18.0	18.1	18.1	27.2	27.3	27.3	7.5	7.5	7.5	91.9	92.4	92.2	3.5	3.5	3.5	3.5	6.2	6.4	6.3	6.4	
					Bottom	18.1	18.1	18.1	27.3	27.4	27.4	7.5	7.4	7.4	91.6	91.2	91.4	3.8	3.7	3.7		6.7	6.6	6.7		
F1	0843-0851	12.0	W	0.6	Surface	17.9	17.8	17.9	27.1	27.2	27.2	7.7	7.7	7.7	94.6	94.0	94.3	3.6	3.6	3.6		6.5	6.6	6.6		
					Middle	17.9	18.0	18.0	27.3	27.3	27.3	7.6	7.6	7.6	93.3	93.8	93.6	3.4	3.5	3.4	3.6	6.2	6.2	6.2	6.5	
					Bottom	18.0	18.1	18.1	27.4	27.4	27.4	7.5	7.4	7.5	91.9	91.4	91.7	3.7	3.7	3.7		6.6	6.7	6.7		
G3	0858-0906	15.4	W	0.3	Surface	17.9	18.0	18.0	27.0	27.1	27.1	7.7	7.6	7.6	94.1	93.6	93.9	3.4	3.5	3.5		6.0	6.3	6.2		
					Middle	18.0	18.1	18.1	27.2	27.3	27.3	7.5	7.4	7.4	91.6	91.2	91.4	3.5	3.5	3.5	3.5	6.4	6.4	6.4	6.3	
					Bottom	18.1	18.2	18.2	27.3	27.4	27.4	7.4	7.3	7.4	90.6	90.2	90.4	3.6	3.6	3.6		6.6	6.3	6.5		
E9	0912-0920	19.8	W	0.7	Surface	17.9	17.8	17.9	27.1	27.2	27.2	7.6	7.6	7.6	93.6	93.2	93.4	3.5	3.5	3.5		6.0	6.2	6.1		
					Middle	17.9	18.0	18.0	27.3	27.3	27.3	7.5	7.4	7.4	91.6	90.9	91.3	3.8	3.8	3.8	3.7	6.7	6.6	6.7	6.4	
					Bottom	18.0	18.1	18.1	27.3	27.4	27.4	7.3	7.3	7.3	89.7	90.1	89.9	3.7	3.7	3.7		6.4	6.2	6.3		
S2	0926-0934	11.4	W	0.4	Surface	17.9	17.9	17.9	27.2	27.2	27.2	7.6	7.5	7.5	92.8	92.4	92.6	3.7	3.7	3.7		6.8	6.7	6.8		
					Middle	18.0	18.1	18.1	27.3	27.4	27.4	7.3	7.4	7.3	90.1	90.5	90.3	3.8	3.8	3.8	3.8	7.2	6.8	7.0	7.0	
					Bottom	18.1	18.2	18.2	27.4	27.5	27.5	7.2	7.2	7.2	88.7	88.2	88.5	3.9	3.9	3.9		7.0	7.4	7.2		
G2	0940-0948	13.6	W	0.3	Surface	18.0	17.9	18.0	27.1	27.2	27.2	7.4	7.3	7.4	90.6	90.1	90.4	4.0	4.0	4.0		7.3	7.3	7.3		
					Middle	18.0	18.0	18.0	27.3	27.3	27.3	7.2	7.2	7.2	88.5	88.0	88.3	3.8	3.8	3.8	3.9	6.8	6.4	6.6	7.0	
					Bottom	18.1	18.1	18.1	27.4	27.4	27.4	7.1	7.0	7.0	86.6	86.3	86.5	3.9	3.9	3.9		7.1	7.2	7.2		
S3	0955-1010	10.2	W	0.5	Surface	18.0	18.0	18.0	27.1	27.2	27.2	7.5	7.4	7.4	91.6	91.2	91.4	4.2	4.2	4.2		7.0	7.4	7.2		
					Middle	18.0	18.1	18.1	27.2	27.3	27.3	7.1	7.1	7.1	87.5	86.9	87.2	3.7	3.7	3.7	4.0	6.5	6.6	6.6	6.9	
					Bottom	18.1	18.1	18.1	27.3	27.4	27.4	7.1	7.1	7.1	87.3	87.8	87.6	4.0	4.0	4.0		6.9	7.0	7.0		

Remark or Observation:

Note: \* Average \*\* Depth Average

**Annex C5 Post Project Water Quality Monitoring Results during Mid-flood on 8 February 2013**

Date: 8-Feb-13  
 Tide: Mid-Flood  
 Weather: Drizzle  
 Sea Conditions: Great Wave  
 Zone: A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms <sup>-1</sup> )	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.**				
C1	1415-1431	36.0	W	0.8	Surface	17.8	17.9	17.9	27.0	26.9	27.0	7.7	7.7	7.7	93.7	94.1	93.9	3.3	3.2	3.3		6.0	5.9	6.0		
					Middle	17.7	17.7	17.7	27.3	27.2	27.3	7.3	7.3	7.3	89.4	89.2	89.3	3.5	3.5	3.5	3.6	6.4	6.5	6.5	6.5	
					Bottom	17.6	17.5	17.6	27.5	27.5	27.5	7.1	7.2	7.2	87.5	87.7	87.6	3.9	3.9	3.9		7.1	6.9	7.0		
E8	1436-1452	20.8	W	0.6	Surface	17.0	17.8	17.4	27.0	27.0	27.0	7.7	7.7	7.7	94.6	94.2	94.4	3.3	3.3	3.3		5.9	6.0	6.0		
					Middle	17.9	18.0	18.0	27.1	27.2	27.2	7.5	7.5	7.5	91.8	92.0	91.9	3.7	3.7	3.7	3.6	6.8	6.4	6.6	6.4	
					Bottom	17.8	17.7	17.8	27.3	27.3	27.3	7.4	7.4	7.4	90.2	90.0	90.1	3.9	3.9	3.9		6.7	6.7	6.7		
S1	1457-1515	9.8	W	0.9	Surface	17.8	17.8	17.8	26.9	26.9	26.9	7.7	7.7	7.7	94.8	94.3	94.6	3.4	3.5	3.4		6.0	6.2	6.1		
					Middle	18.0	18.0	18.0	27.0	26.9	27.0	7.6	7.6	7.6	92.9	93.2	93.1	3.7	3.7	3.7	3.6	6.2	6.3	6.3	6.3	
					Bottom	17.9	17.9	17.9	27.4	27.3	27.4	7.4	7.5	7.4	90.9	91.3	91.1	3.8	3.8	3.8		6.6	6.7	6.7		
G1	1520-1536	13.0	W	0.4	Surface	17.8	17.8	17.8	27.0	27.0	27.0	7.8	7.7	7.7	95.1	94.6	94.9	3.4	3.4	3.4		6.0	5.8	5.9		
					Middle	17.9	18.0	18.0	27.2	27.2	27.2	7.5	7.5	7.5	91.5	91.9	91.7	3.6	3.6	3.6	3.5	6.4	6.6	6.5	6.3	
					Bottom	17.7	17.7	17.7	27.3	27.4	27.4	7.3	7.3	7.3	89.7	89.9	89.8	3.7	3.6	3.6		6.5	6.7	6.6		
E7	1541-1557	13.4	W	0.6	Surface	17.9	17.8	17.9	26.9	27.0	27.0	7.9	7.9	7.9	96.2	96.4	96.3	3.4	3.5	3.4		6.3	6.4	6.4		
					Middle	17.9	17.9	17.9	27.2	27.1	27.2	7.5	7.6	7.5	92.2	92.6	92.4	3.6	3.6	3.6	3.6	6.2	6.5	6.4	6.4	
					Bottom	17.8	17.7	17.8	27.4	27.3	27.4	7.4	7.3	7.3	90.0	89.7	89.9	3.7	3.7	3.7		6.3	6.4	6.4		
F1	1602-1618	12.6	W	0.6	Surface	17.8	17.8	17.8	27.0	26.9	27.0	7.7	7.8	7.7	94.7	95.1	94.9	3.2	3.2	3.2		6.0	5.9	6.0		
					Middle	18.0	18.0	18.0	27.2	27.1	27.2	7.6	7.6	7.6	93.2	92.7	93.0	3.4	3.5	3.4	3.4	6.3	6.3	6.3	6.3	
					Bottom	17.8	17.8	17.8	27.3	27.2	27.3	7.4	7.4	7.4	91.1	90.7	90.9	3.6	3.6	3.6		6.6	6.6	6.6		
G3	1623-1639	16.0	W	0.5	Surface	17.9	17.9	17.9	26.9	27.0	27.0	7.8	7.7	7.7	93.3	93.8	93.6	3.1	3.2	3.1		5.6	5.7	5.7		
					Middle	17.8	17.9	17.9	27.2	27.3	27.3	7.5	7.5	7.5	91.6	91.5	91.6	3.4	3.4	3.4	3.3	6.1	5.8	6.0	6.0	
					Bottom	17.7	17.8	17.8	27.3	27.4	27.4	7.4	7.4	7.4	90.5	90.2	90.4	3.5	3.5	3.5		6.2	6.3	6.3		
E9	1645-1701	20.0	W	0.5	Surface	17.9	18.0	18.0	27.0	27.0	27.0	7.8	7.8	7.8	95.1	95.2	95.2	3.3	3.3	3.3		5.9	5.8	5.9		
					Middle	17.9	17.9	17.9	27.2	27.1	27.2	7.5	7.5	7.5	92.2	92.4	92.3	3.5	3.6	3.6	3.5	6.3	6.2	6.3	6.2	
					Bottom	17.8	17.8	17.8	27.4	27.4	27.4	7.4	7.3	7.4	90.3	89.9	90.1	3.7	3.7	3.7		6.4	6.7	6.6		
S2	1706-1722	12.4	W	0.6	Surface	17.9	17.9	17.9	27.0	26.9	27.0	7.7	7.7	7.7	94.6	94.2	94.4	3.3	3.3	3.3		5.9	6.0	6.0		
					Middle	18.0	17.9	18.0	27.2	27.1	27.2	7.5	7.5	7.5	91.6	91.3	91.5	3.4	3.4	3.4	3.4	6.0	6.3	6.2	6.2	
					Bottom	17.7	17.8	17.8	27.3	27.4	27.4	7.3	7.4	7.3	89.8	90.2	90.0	3.6	3.6	3.6		6.5	6.5	6.5		
G2	1727-1743	13.8	W	0.5	Surface	18.0	18.0	18.0	27.0	27.0	27.0	7.7	7.7	7.7	94.1	93.7	93.9	3.8	3.8	3.8		6.6	6.5	6.6		
					Middle	17.9	18.0	18.0	27.1	27.1	27.1	7.5	7.5	7.5	91.5	91.8	91.7	3.9	3.8	3.8	3.9	7.0	6.7	6.9	6.8	
					Bottom	17.8	17.8	17.8	27.4	27.4	27.4	7.3	7.3	7.3	89.4	89.3	89.4	4.0	4.0	4.0		7.1	7.0	7.1		
S3	1750-1805	10.6	W	0.5	Surface	17.9	17.9	17.9	27.0	26.9	27.0	7.5	7.6	7.6	92.4	92.6	92.5	4.1	4.0	4.0		7.2	7.3	7.3		
					Middle	18.0	18.0	18.0	27.1	27.0	27.1	7.4	7.4	7.4	90.2	90.4	90.3	4.1	4.1	4.1	4.0	7.1	7.1	7.1	7.1	
					Bottom	17.7	17.8	17.8	27.3	27.4	27.4	7.2	7.2	7.2	88.7	88.4	88.6	3.9	3.9	3.9		6.9	7.0	7.0		

Remark or Observation:

Note: \* Average \*\* Depth Average

**Annex C6 Post Project Water Quality Monitoring Results during Mid-ebb on 8 February 2013**

Date: 8-Feb-13  
 Tide: Mid-Ebb  
 Weather: Drizzle  
 Sea Conditions: Great Wave  
 Zone: A

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms <sup>-1</sup> )	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.**				
C1	0915-0933	35.4	E	0.9	Surface	17.9	17.9	17.9	26.9	26.8	26.9	7.7	7.6	7.7	93.9	93.4	93.7	3.4	3.3	3.4		6.0	6.1	6.1		
					Middle	17.9	18.0	18.0	27.0	27.0	27.0	7.4	7.4	7.4	90.6	91.0	90.8	3.5	3.5	3.5	3.5	6.4	6.2	6.3	6.3	
					Bottom	18.1	18.0	18.1	27.1	27.2	27.2	7.2	7.2	7.2	88.4	88.7	88.6	3.7	3.7	3.7		6.4	6.5	6.5		
E8	0938-0955	20.2	E	0.8	Surface	17.9	17.8	17.9	26.9	26.9	26.9	7.7	7.7	7.7	94.8	94.3	94.6	3.4	3.5	3.4		5.9	6.1	6.0		
					Middle	17.9	17.9	17.9	26.9	27.0	27.0	7.6	7.6	7.6	93.3	93.0	93.2	3.5	3.6	3.5	3.6	6.4	6.2	6.3	6.3	
					Bottom	17.9	18.0	18.0	27.0	27.1	27.1	7.4	7.4	7.4	91.2	90.6	90.9	3.7	3.7	3.7		6.4	6.7	6.6		
S1	1001-1015	9.0	E	0.8	Surface	17.9	17.8	17.9	26.9	26.9	26.9	7.6	7.6	7.6	92.6	93.0	92.8	3.6	3.6	3.6		6.0	6.3	6.2		
					Middle	17.9	17.8	17.9	26.9	26.9	26.9	7.5	7.5	7.5	91.9	91.3	91.6	3.7	3.8	3.7	3.7	6.5	6.8	6.7	6.6	
					Bottom	17.9	17.9	17.9	26.9	27.0	27.0	7.4	7.3	7.4	90.4	89.9	90.2	3.9	3.8	3.8		7.2	6.8	7.0		
G1	1018-1031	12.2	E	0.8	Surface	17.9	17.9	17.9	26.8	26.9	26.9	7.7	7.8	7.8	94.7	95.3	95.0	3.5	3.5	3.5		6.4	6.2	6.3		
					Middle	17.9	17.9	17.9	26.9	27.0	27.0	7.6	7.6	7.6	93.6	93.1	93.4	3.6	3.7	3.7	3.6	6.6	6.6	6.6	6.6	
					Bottom	18.0	17.9	18.0	27.0	27.0	27.0	7.5	7.6	7.6	92.3	92.8	92.6	3.8	3.8	3.8		6.9	7.0	7.0		
E7	1035-1048	13.0	E	0.8	Surface	17.9	17.8	17.9	26.9	26.9	26.9	7.8	7.8	7.8	94.9	95.5	95.2	3.5	3.5	3.5		6.5	6.4	6.5		
					Middle	17.9	17.9	17.9	26.9	27.0	27.0	7.6	7.6	7.6	93.2	92.9	93.1	3.7	3.7	3.7	3.7	6.6	6.5	6.6	6.6	
					Bottom	18.0	17.9	18.0	27.0	27.0	27.0	7.5	7.4	7.5	91.7	91.1	91.4	3.8	3.8	3.8		6.7	6.7	6.7		
F1	1055-1107	12.0	E	0.8	Surface	17.9	18.0	18.0	26.9	26.9	26.9	7.7	7.7	7.7	94.0	94.4	94.2	3.2	3.1	3.2		5.8	5.6	5.7		
					Middle	18.0	17.9	18.0	26.9	27.0	27.0	7.6	7.5	7.6	93.0	92.4	92.7	3.3	3.4	3.4	3.4	6.1	6.2	6.2	6.1	
					Bottom	18.0	18.0	18.0	27.0	27.0	27.0	7.4	7.4	7.4	90.2	90.6	90.4	3.6	3.5	3.5		6.4	6.4	6.4		
G3	1110-1123	15.2	E	0.9	Surface	17.9	18.0	18.0	26.9	27.0	27.0	7.5	7.6	7.6	92.3	92.9	92.6	3.1	3.2	3.1		5.8	5.9	5.9		
					Middle	18.0	18.0	18.0	27.0	27.0	27.0	7.4	7.4	7.4	90.9	90.4	90.7	3.2	3.3	3.3	3.3	6.0	6.4	6.2	6.1	
					Bottom	18.1	18.0	18.1	27.1	27.1	27.1	7.3	7.3	7.3	89.6	89.1	89.4	3.4	3.4	3.4		6.2	6.3	6.3		
E9	1129-1146	19.6	E	0.8	Surface	18.0	18.0	18.0	26.9	26.9	26.9	7.8	7.7	7.7	95.0	94.5	94.8	3.4	3.4	3.4		5.9	5.8	5.9		
					Middle	18.1	18.1	18.1	27.0	27.0	27.0	7.7	7.6	7.6	93.7	93.1	93.4	3.4	3.6	3.5	3.5	6.3	6.2	6.3	6.2	
					Bottom	18.2	18.2	18.2	27.1	27.2	27.2	7.5	7.5	7.5	92.0	91.4	91.7	3.7	3.7	3.7		6.4	6.7	6.6		
S2	1151-1203	11.6	E	0.9	Surface	18.0	18.1	18.1	26.9	27.0	27.0	7.7	7.6	7.6	93.7	93.2	93.5	3.5	3.5	3.5		5.9	6.0	6.0		
					Middle	18.0	18.1	18.1	27.0	27.0	27.0	7.5	7.5	7.5	91.9	91.5	91.7	3.7	3.8	3.7	3.7	6.0	6.3	6.2	6.2	
					Bottom	18.1	18.2	18.2	27.1	27.0	27.1	7.4	7.3	7.3	90.2	89.7	90.0	3.8	3.9	3.9		6.5	6.5	6.5		
G2	1206-1221	13.4	E	0.8	18	18.0	18.0	18.0	26.9	27.0	27.0	7.5	7.6	7.5	92.1	92.4	92.3	3.9	3.9	3.9		6.6	6.5	6.6		
					18.1	18.1	18.0	18.1	27.0	27.1	27.1	7.4	7.4	7.4	91.1	90.7	90.9	4.0	4.1	4.0	4.0	7.0	6.7	6.9	6.8	
					18.1	18.1	18.2	18.2	27.1	27.2	27.2	7.3	7.3	7.3	89.6	89.2	89.4	4.2	4.1	4.1		7.1	7.0	7.1		
S3	1227-1245	9.8	E	0.9	Surface	18.1	18.0	18.1	26.9	27.0	27.0	7.5	7.5	7.5	91.8	91.5	91.7	4.2	4.2	4.2		7.2	7.3	7.3		
					Middle	18.1	18.0	18.1	27.0	27.0	27.0	7.4	7.4	7.4	90.3	90.7	90.5	4.3	4.2	4.3	4.3	7.1	7.1	7.1	7.1	
					Bottom	18.1	18.1	18.1	27.0	27.1	27.1	7.3	7.3	7.3	89.4	88.9	89.2	4.3	4.4	4.3		6.9	7.0	7.0		

Remark or Observation:

Note: \* Average \*\* Depth Average

**Annex C7 Post Project Water Quality Monitoring Results during Mid-flood on 15 February 2013**

Date: 15-Feb-13  
 Tide: Mid-Flood  
 Weather: Cloudy  
 Sea Conditions: Small Wave  
 Zone: B

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms <sup>-1</sup> )	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.**
E1	0830-0846	45.8	W	0.7	Surface	18.0	17.9	18.0	27.0	27.0	27.0	7.3	7.3	7.3	89.3	90.0	89.7	2.1	2.1	2.1		3.8	3.8	3.8	
					Middle	18.0	18.1	18.1	27.1	27.1	27.1	7.1	7.2	7.1	87.3	87.7	87.5	2.3	2.2	2.3	2.3	4.0	3.9	4.0	4.0
					Bottom	18.1	18.1	18.1	27.2	27.1	27.2	7.0	7.0	7.0	86.0	85.5	85.8	2.5	2.5	2.5		4.2	4.4	4.3	
G7	0851-0907	32.0	W	0.8	Surface	17.9	18.0	18.0	27.0	27.0	27.0	7.3	7.2	7.2	88.8	88.5	88.7	2.2	2.2	2.2		3.8	3.7	3.8	
					Middle	18.0	18.1	18.1	27.1	27.2	27.2	7.1	7.1	7.1	87.0	86.7	86.9	2.4	2.4	2.4	2.4	4.3	4.2	4.3	4.2
					Bottom	18.1	18.1	18.1	27.2	27.2	27.2	7.0	6.9	6.9	85.3	84.9	85.1	2.6	2.6	2.6		4.6	4.4	4.5	
B3	0914-0929	13.2	W	0.7	Surface	17.9	17.9	17.9	27.1	27.0	27.1	7.2	7.2	7.2	88.1	87.8	88.0	2.1	2.1	2.1		3.8	3.7	3.8	
					Middle	17.9	18.0	18.0	27.1	27.1	27.1	7.0	7.0	7.0	86.2	85.7	86.0	2.3	2.3	2.3	2.3	3.9	4.0	4.0	4.0
					Bottom	18.0	18.0	18.0	27.2	27.1	27.2	6.9	6.9	6.9	84.8	84.4	84.6	2.4	2.5	2.4		4.2	4.2	4.2	
B2	0935-0949	15.8	W	0.6	Surface	18.0	17.9	18.0	27.1	27.0	27.1	7.2	7.2	7.2	87.9	88.3	88.1	2.4	2.3	2.3		3.8	4.0	3.9	
					Middle	18.0	18.0	18.0	27.1	27.1	27.1	7.1	7.1	7.1	86.8	86.4	86.6	2.5	2.5	2.5	2.5	4.4	4.2	4.3	4.2
					Bottom	18.1	18.1	18.1	27.2	27.1	27.2	6.9	7.0	7.0	85.1	85.6	85.4	2.6	2.6	2.6		4.5	4.3	4.4	
E6	1014-1030	26.6	W	0.7	Surface	18.0	18.0	18.0	27.1	27.0	27.1	7.1	7.2	7.1	87.2	87.8	87.5	2.3	2.2	2.2		4.1	4.0	4.1	
					Middle	18.1	18.1	18.1	27.1	27.1	27.1	7.0	7.0	7.0	85.2	85.5	85.4	2.3	2.4	2.4	2.4	4.0	4.2	4.1	4.3
					Bottom	18.1	18.2	18.2	27.1	27.2	27.2	6.8	6.8	6.8	83.4	83.9	83.7	2.6	2.6	2.6		4.7	4.7	4.7	
B1	0955-1009	11.4	W	0.6	Surface	18.0	18.0	18.0	27.1	27.0	27.1	7.1	7.1	7.1	87.5	87.1	87.3	2.0	2.1	2.1		3.7	3.7	3.7	
					Middle	18.1	18.0	18.1	27.1	27.0	27.1	7.1	7.0	7.0	86.5	85.9	86.2	2.1	2.2	2.1	2.2	3.6	3.5	3.6	3.8
					Bottom	18.1	18.0	18.1	27.1	27.1	27.1	7.0	7.0	7.0	85.8	85.3	85.6	2.3	2.4	2.3		4.2	4.0	4.1	
G4	1030-1047	25.0	W	0.7	Surface	18.0	18.0	18.0	27.0	27.0	27.0	7.2	7.2	7.2	88.0	88.6	88.3	2.5	2.5	2.5		4.3	4.2	4.3	
					Middle	18.1	18.1	18.1	27.1	27.0	27.1	7.0	7.1	7.1	86.3	86.8	86.6	2.6	2.6	2.6	2.6	4.7	4.6	4.7	4.6
					Bottom	18.1	18.2	18.2	27.1	27.2	27.2	7.0	6.9	7.0	85.6	85.0	85.3	2.7	2.8	2.7		4.6	4.9	4.8	
E2	1051-1104	10.8	W	0.6	Surface	18.0	17.9	18.0	27.1	27.0	27.1	7.1	7.1	7.1	86.9	87.3	87.1	2.5	2.6	2.6		4.6	4.6	4.6	
					Middle	18.0	18.0	18.0	27.1	27.0	27.1	7.0	6.9	6.9	85.3	84.9	85.1	2.8	2.8	2.8	2.7	5.1	4.9	5.0	4.9
					Bottom	18.0	18.1	18.1	27.1	27.1	27.1	6.9	6.8	6.8	84.3	83.7	84.0	2.9	2.9	2.9		5.1	5.3	5.2	
C2	1111-1128	30.6	W	0.6	Surface	18.0	18.0	18.0	27.1	27.1	27.1	7.3	7.3	7.3	89.4	89.8	89.6	2.2	2.2	2.2		3.8	4.0	3.9	
					Middle	18.1	18.1	18.1	27.1	27.2	27.2	7.2	7.1	7.2	88.0	87.4	87.7	2.3	2.3	2.3	2.3	4.0	3.9	4.0	4.1
					Bottom	18.1	18.2	18.2	27.2	27.2	27.2	7.0	7.0	7.0	86.1	85.8	86.0	2.4	2.5	2.5		4.3	4.3	4.3	
F1	1135-1148	9.2	W	0.6	Surface	18.0	18.0	18.0	27.0	27.0	27.0	7.2	7.2	7.2	87.6	88.1	87.9	2.8	2.8	2.8		4.7	5.1	4.9	
					Middle	18.0	18.0	18.0	27.0	27.0	27.0	7.0	7.1	7.0	86.2	86.6	86.4	3.0	3.0	3.0	3.0	5.4	5.4	5.4	5.3
					Bottom	18.1	18.0	18.1	27.1	27.1	27.1	6.9	6.9	6.9	84.3	84.7	84.5	3.2	3.1	3.2		5.5	5.8	5.7	
G3	1152-1206	13.8	W	0.6	Surface	18.1	18.0	18.1	27.1	27.0	27.1	7.1	7.1	7.1	86.8	87.4	87.1	3.0	2.9	2.9		5.2	5.3	5.3	
					Middle	18.1	18.1	18.1	27.1	27.1	27.1	7.0	7.0	7.0	85.9	85.3	85.6	3.1	3.1	3.1	3.1	5.4	5.2	5.3	5.5
					Bottom	18.1	18.2	18.2	27.1	27.2	27.2	6.8	6.8	6.8	83.5	83.9	83.7	3.2	3.3	3.2		5.8	5.8	5.8	
E9	1210-1226	20.2	W	0.5	Surface	18.0	18.1	18.1	27.1	27.0	27.1	7.0	7.1	7.0	86.0	86.5	86.3	3.1	3.1	3.1		5.4	5.4	5.4	
					Middle	18.1	18.2	18.2	27.1	27.2	27.2	6.9	6.9	6.9	85.1	84.6	84.9	3.2	3.3	3.3	3.2	5.8	5.9	5.9	5.7
					Bottom	18.2	18.2	18.2	27.2	27.2	27.2	6.8	6.8	6.8	83.8	83.3	83.6	3.4	3.4	3.4		5.7	6.0	5.9	

Remark or Observation:

Note: \* Average \*\* Depth Average

**Annex C8 Post Project Water Quality Monitoring Results during Mid-ebb on 15 February 2013**

Date: 15-Feb-13  
 Tide: Mid-Ebb  
 Weather: Sunny  
 Sea Conditions: Small Wave  
 Zone: B

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms <sup>-1</sup> )	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.**
E1	1400-1414	45.2	E	0.8	Surface	18.1	18.0	18.1	27.0	27.0	27.0	7.3	7.3	7.3	89.3	89.4	89.4	2.4	2.4	2.4		4.4	4.4	4.4	
					Middle	18.0	18.0	18.0	27.2	27.1	27.2	7.1	7.0	7.0	86.4	86.1	86.3	2.3	2.4	2.4	2.4	4.0	4.1	4.1	4.4
					Bottom	17.9	18.0	18.0	27.3	27.3	27.3	6.9	7.0	7.0	85.0	85.3	85.2	2.6	2.6	2.6		4.7	4.5	4.6	
G7	1420-1435	31.6	E	0.7	Surface	18.1	18.0	18.1	27.1	27.0	27.1	7.2	7.2	7.2	88.8	88.5	88.7	2.3	2.2	2.3		4.2	4.0	4.1	
					Middle	18.0	18.0	18.0	27.2	27.1	27.2	7.2	7.2	7.2	88.1	87.7	87.9	2.4	2.5	2.5	2.5	4.4	4.5	4.5	4.4
					Bottom	18.0	18.0	18.0	27.2	27.1	27.2	6.9	6.9	6.9	84.8	84.3	84.6	2.7	2.7	2.7		4.8	4.6	4.7	
B3	1440-1455	13.2	E	0.8	Surface	18.0	18.0	18.0	27.1	27.1	27.1	7.3	7.3	7.3	89.0	89.3	89.2	2.3	2.3	2.3		4.2	4.3	4.3	
					Middle	17.9	17.9	17.9	27.2	27.2	27.2	7.2	7.2	7.2	88.6	88.8	88.7	2.5	2.5	2.5	2.5	4.2	4.4	4.3	4.4
					Bottom	17.9	18.0	18.0	27.2	27.2	27.2	7.2	7.1	7.1	87.7	87.2	87.5	2.7	2.7	2.7		4.6	4.7	4.7	
B2	1500-1513	15.6	E	0.6	Surface	18.1	18.1	18.1	27.1	27.1	27.1	7.1	7.1	7.1	87.4	87.0	87.2	2.3	2.3	2.3		4.1	4.0	4.1	
					Middle	17.9	18.0	18.0	27.1	27.2	27.2	7.0	7.0	7.0	86.3	86.1	86.2	2.2	2.3	2.2	2.4	4.0	4.0	4.0	4.3
					Bottom	17.9	17.9	17.9	27.1	27.1	27.1	7.0	7.1	7.0	86.2	86.4	86.3	2.6	2.7	2.6		4.8	4.7	4.8	
E6	1540-1553	26.4	E	0.6	Surface	18.1	18.1	18.1	27.0	27.1	27.1	7.1	7.2	7.2	87.5	87.8	87.7	2.4	2.4	2.4		4.0	4.1	4.1	
					Middle	17.9	17.9	17.9	27.1	27.2	27.2	7.1	7.0	7.1	86.6	86.3	86.5	2.4	2.4	2.4	2.5	4.2	4.3	4.3	4.3
					Bottom	18.0	17.9	18.0	27.3	27.3	27.3	7.0	7.0	7.0	85.5	85.2	85.4	2.7	2.7	2.7		4.7	4.6	4.7	
B1	1520-1534	11.0	E	0.5	Surface	18.0	18.1	18.1	27.1	27.1	27.1	7.2	7.1	7.1	87.8	87.4	87.6	2.1	2.2	2.2		3.7	3.8	3.8	
					Middle	18.0	18.0	18.0	27.0	27.1	27.1	7.1	7.1	7.1	87.0	86.9	87.0	2.3	2.3	2.3	2.3	4.0	4.0	4.0	4.0
					Bottom	17.9	18.0	18.0	27.1	27.2	27.2	7.1	7.1	7.1	86.4	86.8	86.6	2.4	2.4	2.4		4.1	4.2	4.2	
G4	1558-1613	25.2	E	0.8	Surface	18.1	18.0	18.1	27.1	27.0	27.1	7.3	7.3	7.3	89.0	89.3	89.2	2.5	2.5	2.5		4.3	4.4	4.4	
					Middle	17.9	18.0	18.0	27.1	27.1	27.1	7.2	7.1	7.1	87.8	87.4	87.6	2.6	2.6	2.6	2.7	4.7	4.6	4.7	4.7
					Bottom	18.0	18.0	18.0	27.2	27.2	27.2	7.1	7.1	7.1	86.9	86.7	86.8	2.9	2.8	2.9		5.2	5.0	5.1	
E2	1620-1635	10.4	E	0.6	Surface	18.0	18.0	18.0	27.0	27.0	27.0	7.3	7.3	7.3	89.1	89.5	89.3	2.5	2.6	2.5		4.6	4.3	4.5	
					Middle	18.0	18.1	18.1	27.1	27.0	27.1	7.2	7.2	7.2	88.6	88.4	88.5	2.6	2.6	2.6	2.6	4.6	4.7	4.7	4.7
					Bottom	17.9	17.9	17.9	27.1	27.1	27.1	7.2	7.2	7.2	87.9	88.1	88.0	2.7	2.7	2.7		5.0	4.9	5.0	
C2	1640-1654	29.2	E	0.6	Surface	18.1	18.1	18.1	27.1	27.1	27.1	7.4	7.4	7.4	90.1	90.5	90.3	2.4	2.4	2.4		4.2	4.1	4.2	
					Middle	17.9	18.0	18.0	27.2	27.1	27.2	7.2	7.3	7.2	88.8	88.9	88.9	2.4	2.4	2.4	2.5	4.3	4.3	4.3	4.4
					Bottom	18.0	18.0	18.0	27.2	27.2	27.2	7.1	7.1	7.1	87.4	87.2	87.3	2.6	2.7	2.6		4.8	4.7	4.8	
F1	1700-1714	8.6	E	0.6	Surface	18.1	18.2	18.2	27.1	27.0	27.1	7.2	7.2	7.2	88.0	88.4	88.2	2.8	2.9	2.9		5.2	5.2	5.2	
					Middle	18.1	18.1	18.1	27.1	27.1	27.1	7.2	7.2	7.2	87.7	88.0	87.9	2.8	2.8	2.8	2.9	5.0	4.8	4.9	5.1
					Bottom	18.0	17.9	18.0	27.1	27.1	27.1	7.1	7.0	7.1	86.7	86.3	86.5	2.9	3.0	2.9		5.2	5.4	5.3	
G3	1719-1734	13.6	E	0.7	Surface	18.1	18.1	18.1	27.0	27.0	27.0	7.2	7.2	7.2	88.8	88.6	88.7	2.9	2.9	2.9		5.4	5.2	5.3	
					Middle	18.0	17.9	18.0	27.1	27.1	27.1	7.2	7.2	7.2	89.3	89.0	89.2	3.0	3.1	3.0	3.0	5.3	5.3	5.3	5.3
					Bottom	17.9	17.9	17.9	27.2	27.1	27.2	7.1	7.1	7.1	86.4	86.8	86.6	3.1	3.1	3.1		5.4	5.3	5.4	
E9	1739-1752	19.8	E	0.5	Surface	18.2	18.1	18.2	27.1	27.0	27.1	7.1	7.0	7.0	86.6	86.1	86.4	3.2	3.1	3.1		5.6	5.4	5.5	
					Middle	17.9	18.0	18.0	27.1	27.2	27.2	6.9	7.0	7.0	85.1	85.6	85.4	3.2	3.2	3.2	3.2	5.5	5.7	5.6	5.6
					Bottom	17.8	17.9	17.9	27.2	27.2	27.2	6.9	6.9	6.9	84.2	84.6	84.4	3.3	3.3	3.3		5.6	5.6	5.6	

Remark or Observation:

Note: \* Average \*\* Depth Average



**Annex C9 Post Project Water Quality Monitoring Results during Mid-flood on 18 February 2013**

Date: 18-Feb-13  
 Tide: Mid-Flood  
 Weather: Cloudy  
 Sea Conditions: Small Wave  
 Zone: B

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms <sup>-1</sup> )	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.**
E1	1000-1016	46.0	W	0.6	Surface	17.8	17.8	17.8	27.1	27.2	27.2	7.4	7.4	7.4	90.2	90.8	90.5	2.1	2.1	2.1		3.4	3.7	3.6	
					Middle	17.9	17.8	17.9	27.2	27.3	27.3	7.2	7.2	7.2	88.1	88.5	88.3	2.2	2.2	2.2	2.2	3.8	3.9	3.9	3.8
					Bottom	17.9	18.0	18.0	27.3	27.4	27.4	7.1	7.1	7.1	86.8	86.3	86.6	2.4	2.5	2.4		4.0	4.0	4.0	
G7	1021-1037	32.2	W	0.7	Surface	17.8	17.9	17.9	27.0	27.1	27.1	7.3	7.3	7.3	89.7	89.4	89.6	2.2	2.1	2.2		3.6	3.7	3.7	
					Middle	17.9	17.9	17.9	27.1	27.2	27.2	7.2	7.2	7.2	87.9	87.5	87.7	2.3	2.4	2.3	2.3	4.0	4.1	4.1	4.0
					Bottom	18.0	18.1	18.1	27.2	27.3	27.3	7.0	7.0	7.0	86.0	85.8	85.9	2.5	2.5	2.5		4.2	4.5	4.4	
B3	1044-1059	13.4	W	0.8	Surface	17.8	17.9	17.9	27.1	27.2	27.2	7.3	7.2	7.3	89.0	88.6	88.8	2.0	2.1	2.1		3.5	3.5	3.5	
					Middle	17.8	17.9	17.9	27.3	27.4	27.4	7.1	7.1	7.1	87.0	86.5	86.8	2.2	2.3	2.2	2.2	3.7	3.9	3.8	3.8
					Bottom	17.9	18.0	18.0	27.4	27.4	27.4	7.0	7.0	7.0	85.6	85.2	85.4	2.4	2.4	2.4		4.0	4.3	4.2	
B2	1105-1119	16.2	W	0.6	Surface	17.8	17.9	17.9	27.0	27.1	27.1	7.3	7.3	7.3	88.7	89.1	88.9	2.3	2.3	2.3		3.8	4.0	3.9	
					Middle	17.9	18.0	18.0	27.2	27.2	27.2	7.2	7.1	7.1	87.6	87.3	87.5	2.5	2.4	2.4	2.4	4.2	4.3	4.3	4.2
					Bottom	18.0	18.1	18.1	27.2	27.3	27.3	7.0	7.1	7.0	85.9	86.4	86.2	2.6	2.5	2.6		4.5	4.4	4.5	
E6	1144-1200	26.8	W	0.6	Surface	17.8	17.7	17.8	27.1	27.1	27.1	7.2	7.2	7.2	88.1	88.6	88.4	2.2	2.2	2.2		3.6	3.6	3.6	
					Middle	17.8	17.9	17.9	27.1	27.2	27.2	7.0	7.1	7.0	86.0	86.4	86.2	2.3	2.3	2.3	2.3	4.1	4.1	4.1	4.0
					Bottom	17.9	17.9	17.9	27.3	27.3	27.3	6.9	6.9	6.9	84.2	84.7	84.5	2.5	2.6	2.5		4.1	4.3	4.2	
B1	1125-1139	11.8	W	0.5	Surface	17.8	17.8	17.8	27.1	27.2	27.2	7.2	7.2	7.2	88.4	88.0	88.2	2.1	2.1	2.1		3.6	3.9	3.8	
					Middle	17.8	17.9	17.9	27.2	27.3	27.3	7.1	7.2	7.2	87.4	86.8	87.1	2.2	2.2	2.2	2.2	3.7	3.8	3.8	3.8
					Bottom	17.9	18.0	18.0	27.3	27.4	27.4	7.1	7.0	7.1	86.5	86.0	86.3	2.3	2.3	2.3		3.8	4.0	3.9	
G4	1204-1221	25.2	W	0.7	Surface	17.8	17.8	17.8	27.1	27.2	27.2	7.3	7.3	7.3	88.9	89.5	89.2	2.4	2.4	2.4		4.1	4.1	4.1	
					Middle	17.8	17.9	17.9	27.2	27.3	27.3	7.1	7.2	7.1	87.1	87.6	87.4	2.6	2.5	2.5	2.6	4.3	4.4	4.4	4.4
					Bottom	17.9	18.0	18.0	27.3	27.4	27.4	7.1	7.0	7.0	86.4	85.8	86.1	2.7	2.7	2.7		5.0	4.6	4.8	
E2	1225-1238	10.8	W	0.6	Surface	17.8	17.9	17.9	27.0	27.1	27.1	7.2	7.2	7.2	87.8	88.1	88.0	2.5	2.6	2.5		4.0	3.9	4.0	
					Middle	17.9	17.9	17.9	27.1	27.2	27.2	7.0	7.0	7.0	86.2	85.8	86.0	2.8	2.7	2.7	2.7	4.5	4.6	4.6	4.4
					Bottom	18.0	18.0	18.0	27.2	27.3	27.3	7.0	6.9	6.9	85.1	84.5	84.8	2.8	2.9	2.8		4.8	4.8	4.8	
C2	1244-1300	30.8	W	0.5	Surface	17.8	17.7	17.8	27.1	27.1	27.1	7.4	7.4	7.4	90.2	90.7	90.5	2.1	2.2	2.1		3.7	3.9	3.8	
					Middle	17.8	17.9	17.9	27.2	27.3	27.3	7.3	7.2	7.2	88.9	88.3	88.6	2.2	2.3	2.2	2.3	4.0	4.2	4.1	4.1
					Bottom	17.9	18.0	18.0	27.3	27.4	27.4	7.1	7.1	7.1	86.9	86.5	86.7	2.4	2.4	2.4		4.4	4.2	4.3	
F1	1305-1322	9.6	W	0.5	Surface	17.9	17.8	17.9	27.1	27.1	27.1	7.2	7.3	7.3	88.5	89.0	88.8	2.8	2.7	2.7		4.5	4.6	4.6	
					Middle	17.9	17.9	17.9	27.2	27.3	27.3	7.1	7.1	7.1	87.0	87.4	87.2	2.9	3.0	2.9	2.9	4.8	4.9	4.9	4.8
					Bottom	17.9	18.0	18.0	27.3	27.4	27.4	7.0	7.0	7.0	85.1	85.4	85.3	3.1	3.1	3.1		5.0	5.0	5.0	
G3	1326-1339	14.2	W	0.6	Surface	17.8	17.9	17.9	27.0	27.1	27.1	7.2	7.2	7.2	87.6	88.3	88.0	2.9	2.9	2.9		5.0	4.9	5.0	
					Middle	17.9	17.9	17.9	27.1	27.2	27.2	7.1	7.0	7.1	86.8	86.2	86.5	3.1	3.0	3.0	3.0	5.1	5.2	5.2	5.2
					Bottom	18.0	18.0	18.0	27.2	27.3	27.3	7.9	7.9	7.9	96.6	96.9	96.8	3.2	3.2	3.2		5.3	5.5	5.4	
E9	1345-1400	20.6	W	0.4	Surface	17.9	17.8	17.9	27.1	27.2	27.2	7.1	7.1	7.1	86.9	87.4	87.2	3.1	3.0	3.0		5.0	5.1	5.1	
					Middle	17.9	18.0	18.0	27.3	27.4	27.4	7.0	7.0	7.0	85.9	85.4	85.7	3.2	3.2	3.2	3.2	5.3	5.3	5.3	5.4
					Bottom	18.0	18.1	18.1	27.4	27.4	27.4	6.9	6.9	6.9	84.6	84.1	84.4	3.3	3.4	3.3		5.6	5.8	5.7	

Remark or Observation:

Note: \* Average \*\* Depth Average

**Annex C10 Post Project Water Quality Monitoring Results during Mid-ebb on 18 February 2013**

Date: 18-Feb-13  
 Tide: Mid-Ebb  
 Weather: Cloudy  
 Sea Conditions: Small Wave  
 Zone: B

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms <sup>-1</sup> )	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.**
E1	1530-1545	44.9	E	0.5	Surface	17.8	17.9	17.9	27.1	27.1	27.1	7.3	7.4	7.3	89.2	90.0	89.6	2.1	2.1	2.1		3.4	3.7	3.6	
					Middle	17.9	17.9	17.9	27.2	27.3	27.3	7.2	7.1	7.2	87.8	87.3	87.6	2.3	2.3	2.3	2.3	3.7	3.6	3.7	3.7
					Bottom	18.0	18.0	18.0	27.4	27.4	27.4	7.0	7.0	7.0	85.7	86.1	85.9	2.4	2.4	2.4		3.9	3.9	3.9	
G7	1551-1607	31.8	E	0.6	Surface	17.8	17.9	17.9	27.0	27.0	27.0	7.3	7.3	7.3	88.9	89.4	89.2	2.2	2.2	2.2		3.7	3.5	3.6	
					Middle	17.9	18.0	18.0	27.1	27.2	27.2	7.2	7.1	7.1	87.6	87.0	87.3	2.3	2.4	2.4	2.4	3.9	3.9	3.9	3.9
					Bottom	18.1	18.0	18.1	27.3	27.3	27.3	7.0	7.0	7.0	85.6	85.2	85.4	2.5	2.6	2.6		4.0	4.2	4.1	
B3	1614-1629	12.8	E	0.8	Surface	17.8	17.8	17.8	27.1	27.1	27.1	7.2	7.3	7.2	88.3	88.7	88.5	2.1	2.2	2.1		3.4	3.4	3.4	
					Middle	17.8	17.9	17.9	27.3	27.3	27.3	7.1	7.1	7.1	87.2	86.7	87.0	2.2	2.3	2.3	2.3	3.6	3.7	3.7	3.7
					Bottom	18.0	17.9	18.0	27.4	27.3	27.4	7.0	7.0	7.0	85.9	85.4	85.7	2.4	2.5	2.4		4.0	4.2	4.1	
B2	1635-1650	15.9	E	0.6	Surface	17.8	17.8	17.8	27.0	27.1	27.1	7.3	7.3	7.3	89.3	88.9	89.1	2.3	2.4	2.4		3.8	4.0	3.9	
					Middle	17.8	17.9	17.9	27.2	27.2	27.2	7.2	7.1	7.2	87.9	87.3	87.6	2.5	2.5	2.5	2.5	4.2	4.3	4.3	4.0
					Bottom	18.0	17.9	18.0	27.3	27.3	27.3	7.1	7.0	7.0	86.3	85.9	86.1	2.6	2.7	2.7		3.8	3.9	3.9	
E6	1714-1730	26.2	E	0.6	Surface	17.9	17.8	17.9	27.0	27.1	27.1	7.2	7.2	7.2	87.7	88.2	88.0	2.2	2.2	2.2		3.6	3.5	3.6	
					Middle	17.9	17.9	17.9	27.2	27.2	27.2	7.0	7.0	7.0	86.1	85.6	85.9	2.3	2.4	2.3	2.4	3.8	3.8	3.8	3.9
					Bottom	18.0	17.9	18.0	27.3	27.4	27.4	6.9	6.9	6.9	84.3	83.8	84.1	2.5	2.5	2.5		4.2	4.2	4.2	
B1	1655-1709	10.9	E	0.6	Surface	17.8	17.9	17.9	27.1	27.2	27.2	7.2	7.2	7.2	88.5	88.1	88.3	2.1	2.2	2.1		3.4	3.4	3.4	
					Middle	17.9	17.9	17.9	27.2	27.2	27.2	7.1	7.1	7.1	87.3	86.7	87.0	2.3	2.3	2.3	2.3	3.6	3.7	3.7	3.6
					Bottom	17.9	18.0	18.0	27.3	27.4	27.4	7.0	7.0	7.0	85.6	85.2	85.4	2.3	2.4	2.4		3.7	3.9	3.8	
G4	1734-1751	24.7	E	0.6	Surface	17.7	17.8	17.8	27.2	27.2	27.2	7.2	7.3	7.3	88.9	89.2	89.1	2.4	2.5	2.4		3.9	4.0	4.0	
					Middle	17.9	17.9	17.9	27.3	27.3	27.3	7.1	7.1	7.1	86.7	86.3	86.5	2.5	2.6	2.6	2.6	4.1	4.2	4.2	4.2
					Bottom	18.0	18.0	18.0	27.4	27.5	27.5	6.9	6.9	6.9	84.9	84.4	84.7	2.7	2.7	2.7		4.4	4.6	4.5	
E2	1755-1804	10.2	E	0.7	Surface	17.8	17.8	17.8	27.1	27.0	27.1	7.3	7.2	7.2	88.8	88.2	88.5	2.4	2.5	2.4		4.0	4.2	4.1	
					Middle	17.8	17.9	17.9	27.2	27.1	27.2	7.1	7.1	7.1	87.3	86.8	87.1	2.7	2.7	2.7	2.7	4.6	4.4	4.5	4.4
					Bottom	17.9	18.0	18.0	27.3	27.3	27.3	7.0	7.0	7.0	85.7	85.0	85.4	2.8	2.9	2.8		4.5	4.7	4.6	
C2	1810-1825	30.2	E	0.5	Surface	17.8	17.7	17.8	27.1	27.1	27.1	7.3	7.4	7.3	89.5	89.9	89.7	2.2	2.3	2.2		3.5	3.5	3.5	
					Middle	17.9	17.9	17.9	27.2	27.3	27.3	7.2	7.2	7.2	88.1	87.7	87.9	2.4	2.4	2.4	2.4	3.6	3.8	3.7	3.7
					Bottom	18.0	18.1	18.1	27.4	27.5	27.5	7.0	7.0	7.0	85.4	85.7	85.6	2.5	2.5	2.5		3.9	3.9	3.9	
F1	1830-1847	9.2	E	0.5	Surface	17.7	17.8	17.8	27.1	27.1	27.1	7.2	7.2	7.2	87.8	88.3	88.1	2.7	2.7	2.7		4.4	4.5	4.5	
					Middle	17.8	17.8	17.8	27.3	27.2	27.3	7.1	7.1	7.1	86.8	86.5	86.7	2.9	2.9	2.9	2.9	4.8	4.9	4.9	4.8
					Bottom	17.9	18.0	18.0	27.4	27.4	27.4	7.0	6.9	7.0	85.4	84.9	85.2	3.0	3.1	3.1		5.1	5.0	5.1	
G3	1851-1906	13.7	E	0.5	Surface	17.8	17.8	17.8	27.0	27.1	27.1	7.2	7.3	7.2	88.1	88.7	88.4	3.0	3.0	3.0		4.8	4.8	4.8	
					Middle	17.8	17.9	17.9	27.1	27.2	27.2	7.1	7.1	7.1	87.1	86.6	86.9	3.1	3.2	3.1	3.1	4.8	5.1	5.0	5.0
					Bottom	17.9	18.0	18.0	27.3	27.3	27.3	7.0	6.9	6.9	85.0	84.5	84.8	3.2	3.3	3.2		5.3	5.2	5.3	
E9	1912-1930	20.1	E	0.4	Surface	17.7	17.8	17.8	27.1	27.2	27.2	7.2	7.2	7.2	88.3	87.7	88.0	3.0	3.1	3.1		5.0	4.9	5.0	
					Middle	17.8	17.8	17.8	27.4	27.4	27.4	7.0	7.0	7.0	86.1	85.6	85.9	3.2	3.3	3.2	3.2	5.3	5.3	5.3	5.3
					Bottom	17.9	18.0	18.0	27.4	27.5	27.5	6.9	6.9	6.9	84.5	84.1	84.3	3.3	3.4	3.4		5.4	5.6	5.5	

Remark or Observation:

Note: \* Average \*\* Depth Average

**Annex C11 Post Project Water Quality Monitoring Results during Mid-flood on 20 February 2013**

Date: 20-Feb-13  
 Tide: Mid-Flood  
 Weather: Cloudy  
 Sea Conditions: Small Wave  
 Zone: B

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms <sup>-1</sup> )	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.**
E1	0900-0915	45.6	W	0.7	Surface	18.1	18.0	18.1	27.0	27.1	27.1	7.4	7.4	7.4	90.4	90.7	90.6	2.2	2.2	2.2		3.6	3.7	3.7	
					Middle	18.1	18.1	18.1	27.2	27.1	27.2	7.2	7.2	7.2	88.7	88.3	88.5	2.4	2.4	2.4	2.4	3.9	3.9	3.9	3.9
					Bottom	17.9	18.0	18.0	27.3	27.2	27.3	7.1	7.1	7.1	86.7	86.9	86.8	2.5	2.5	2.5		4.3	4.2	4.3	
G7	0921-0936	31.8	W	0.6	Surface	18.0	18.0	18.0	27.1	27.0	27.1	7.3	7.3	7.3	88.9	89.5	89.2	2.2	2.2	2.2		3.8	3.6	3.7	
					Middle	18.1	18.0	18.1	27.2	27.2	27.2	7.4	7.3	7.4	90.4	89.7	90.1	2.2	2.2	2.2	2.3	3.7	3.9	3.8	3.9
					Bottom	17.9	18.0	18.0	27.2	27.2	27.2	7.2	7.2	7.2	87.7	88.3	88.0	2.4	2.4	2.4		4.1	4.0	4.1	
B3	0941-0956	13.8	W	0.5	Surface	18.0	18.1	18.1	27.1	27.1	27.1	7.3	7.4	7.3	89.5	90.3	89.9	2.3	2.2	2.3		3.8	3.8	3.8	
					Middle	18.1	18.1	18.1	27.1	27.2	27.2	7.2	7.3	7.2	88.2	89.1	88.7	2.3	2.4	2.4	2.3	4.1	4.2	4.2	4.1
					Bottom	17.9	17.9	17.9	27.2	27.3	27.3	7.1	7.1	7.1	86.9	86.6	86.8	2.4	2.4	2.4		4.3	4.2	4.3	
B2	1001-1014	16.0	W	0.4	Surface	18.1	18.1	18.1	27.0	27.1	27.1	7.3	7.3	7.3	88.9	89.2	89.1	2.4	2.4	2.4		4.0	4.2	4.1	
					Middle	18.0	18.1	18.1	27.1	27.2	27.2	7.1	7.1	7.1	87.2	86.7	87.0	2.4	2.3	2.4	2.4	4.2	3.9	4.1	4.1
					Bottom	18.0	17.9	18.0	27.3	27.2	27.3	7.1	7.0	7.1	86.6	86.1	86.4	2.5	2.4	2.5		4.2	4.2	4.2	
E6	1041-1054	26.8	W	0.5	Surface	18.1	18.2	18.2	27.1	27.1	27.1	7.2	7.2	7.2	88.1	88.3	88.2	2.3	2.2	2.2		3.8	3.7	3.8	
					Middle	18.1	18.1	18.1	27.1	27.2	27.2	7.0	7.0	7.0	86.2	85.8	86.0	2.4	2.4	2.4	2.3	3.9	4.0	4.0	3.9
					Bottom	18.1	18.0	18.1	27.2	27.3	27.3	6.9	7.0	7.0	85.0	85.3	85.2	2.3	2.4	2.4		3.9	4.0	4.0	
B1	1021-1035	11.4	W	0.5	Surface	18.2	18.1	18.2	27.1	27.1	27.1	7.2	7.3	7.3	88.7	89.3	89.0	2.3	2.3	2.3		4.2	3.9	4.1	
					Middle	18.1	18.0	18.1	27.1	27.2	27.2	7.2	7.2	7.2	87.9	88.2	88.1	2.2	2.3	2.3	2.3	3.9	4.1	4.0	4.0
					Bottom	18.0	17.9	18.0	27.2	27.3	27.3	7.0	7.0	7.0	86.2	85.9	86.1	2.3	2.2	2.3		3.8	3.8	3.8	
G4	1059-1114	25.8	W	0.7	Surface	18.1	18.1	18.1	27.1	27.1	27.1	7.3	7.2	7.3	89.2	88.4	88.8	2.6	2.6	2.6		4.3	4.4	4.4	
					Middle	18.0	18.0	18.0	27.2	27.2	27.2	7.1	7.2	7.2	87.5	87.9	87.7	2.8	2.7	2.8	2.8	4.6	4.6	4.6	4.7
					Bottom	18.2	18.1	18.2	27.3	27.2	27.3	7.0	7.1	7.0	85.9	86.5	86.2	3.0	2.9	2.9		5.0	5.0	5.0	
E2	1121-1136	10.8	W	0.7	Surface	18.2	18.1	18.2	27.0	27.1	27.1	7.2	7.2	7.2	88.1	88.3	88.2	2.6	2.6	2.6		4.4	4.4	4.4	
					Middle	18.0	18.1	18.1	27.1	27.2	27.2	7.0	7.1	7.0	85.9	86.6	86.3	2.9	2.8	2.9	2.8	4.9	5.3	5.1	4.8
					Bottom	18.1	18.0	18.1	27.2	27.3	27.3	7.0	6.9	7.0	85.6	84.8	85.2	3.0	3.0	3.0		4.9	5.0	5.0	
C2	1141-1155	29.8	W	0.8	Surface	18.1	18.1	18.1	27.1	27.1	27.1	7.3	7.3	7.3	89.9	89.4	89.7	2.3	2.2	2.3		3.8	3.7	3.8	
					Middle	18.0	18.0	18.0	27.2	27.3	27.3	7.2	7.3	7.2	88.4	88.8	88.6	2.4	2.3	2.3	2.4	4.1	3.9	4.0	4.0
					Bottom	18.2	18.1	18.2	27.3	27.2	27.3	7.1	7.2	7.2	87.5	87.7	87.6	2.6	2.6	2.6		4.3	4.4	4.4	
F1	1201-1215	8.8	W	0.7	Surface	18.1	18.1	18.1	27.1	27.2	27.2	7.2	7.2	7.2	88.3	88.7	88.5	2.7	2.8	2.8		4.5	4.6	4.6	
					Middle	18.0	18.0	18.0	27.2	27.2	27.2	7.2	7.2	7.2	87.7	87.8	87.8	3.0	3.1	3.0	3.0	5.1	5.1	5.1	5.0
					Bottom	18.0	18.0	18.0	27.3	27.2	27.3	6.9	7.0	6.9	84.8	85.4	85.1	3.1	3.2	3.2		5.3	5.2	5.3	
G3	1220-1235	14.0	W	0.8	Surface	18.2	18.1	18.2	27.0	27.1	27.1	7.1	7.2	7.1	87.2	87.7	87.5	2.9	2.9	2.9		4.8	4.9	4.9	
					Middle	18.1	18.0	18.1	27.1	27.2	27.2	7.1	7.1	7.1	86.9	87.5	87.2	2.9	3.0	3.0	3.0	5.0	5.2	5.1	5.1
					Bottom	17.9	17.9	17.9	27.2	27.3	27.3	7.0	7.0	7.0	85.5	85.1	85.3	3.1	3.1	3.1		5.2	5.3	5.3	
E9	1240-1253	20.2	W	0.6	Surface	18.1	18.1	18.1	27.1	27.0	27.1	7.3	7.2	7.3	89.2	88.7	89.0	2.9	3.0	3.0		5.0	5.0	5.0	
					Middle	18.2	18.1	18.2	27.2	27.3	27.3	7.1	7.0	7.0	86.5	85.9	86.2	3.2	3.1	3.1	3.1	5.2	5.3	5.3	5.2
					Bottom	17.9	18.0	18.0	27.3	27.3	27.3	7.0	7.0	7.0	85.1	85.9	85.5	3.2	3.2	3.2		5.3	5.4	5.4	

Remark or Observation:

Note: \* Average \*\* Depth Average

**Annex C12 Post Project Water Quality Monitoring Results during Mid-ebb on 20 February 2013**

Date: 20-Feb-13  
 Tide: Mid-Ebb  
 Weather: Cloudy  
 Sea Conditions: Small Wave  
 Zone: B

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms <sup>-1</sup> )	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.**
E1	1730-1745	45.6	E	0.7	Surface	18.2	18.1	18.2	27.0	27.0	27.0	7.3	7.3	7.3	89.9	89.7	89.8	2.4	2.4	2.4		4.2	4.0	4.1	
					Middle	18.1	18.0	18.1	27.1	27.0	27.1	7.1	7.1	7.1	87.3	87.0	87.2	2.3	2.3	2.3	2.4	3.9	4.0	4.0	4.1
					Bottom	17.8	17.9	17.9	27.2	27.3	27.3	6.8	6.9	6.9	84.1	84.3	84.2	2.5	2.5	2.5		4.2	4.2	4.2	
G7	1750-1805	31.0	E	0.8	Surface	18.1	18.2	18.2	27.0	27.1	27.1	7.3	7.4	7.4	90.1	90.5	90.3	2.3	2.3	2.3		3.9	3.8	3.9	
					Middle	18.0	17.9	18.0	27.2	27.1	27.2	7.2	7.2	7.2	88.5	89.4	89.0	2.3	2.3	2.3	2.4	4.1	4.0	4.1	4.1
					Bottom	17.9	17.8	17.9	27.3	27.2	27.3	6.9	6.9	6.9	84.8	85.3	85.1	2.5	2.6	2.6		4.3	4.4	4.4	
B3	1811-1826	13.6	E	0.8	Surface	18.0	18.1	18.1	27.1	27.0	27.1	7.3	7.3	7.3	89.1	89.4	89.3	2.2	2.2	2.2		3.7	3.7	3.7	
					Middle	18.0	18.0	18.0	27.2	27.2	27.2	7.1	7.2	7.1	87.6	87.8	87.7	2.4	2.4	2.4	2.4	4.0	4.0	4.0	4.0
					Bottom	17.8	17.8	17.8	27.2	27.3	27.3	6.9	7.0	7.0	85.0	85.8	85.4	2.5	2.6	2.5		4.3	4.3	4.3	
B2	1831-1845	15.2	E	0.6	Surface	18.1	18.0	18.1	27.0	27.1	27.1	7.2	7.2	7.2	88.5	88.2	88.4	2.2	2.2	2.2		3.8	3.8	3.8	
					Middle	18.0	17.9	18.0	27.2	27.2	27.2	7.1	7.1	7.1	87.0	87.3	87.2	2.3	2.4	2.4	2.4	4.2	4.0	4.1	4.0
					Bottom	17.9	17.8	17.9	27.1	27.0	27.1	7.0	7.1	7.0	86.3	86.6	86.5	2.5	2.5	2.5		4.2	4.2	4.2	
E6	1911-1925	26.8	E	0.5	Surface	18.0	18.0	18.0	27.1	27.0	27.1	7.1	7.2	7.2	87.8	88.2	88.0	2.2	2.2	2.2		3.8	3.7	3.8	
					Middle	17.9	18.0	18.0	27.2	27.1	27.2	7.1	7.1	7.1	87.5	87.3	87.4	2.4	2.4	2.4	2.4	4.2	4.1	4.2	4.1
					Bottom	17.9	17.8	17.9	27.1	27.2	27.2	7.0	7.0	7.0	86.2	85.9	86.1	2.7	2.6	2.7		4.5	4.5	4.5	
B1	1852-1906	11.4	E	0.6	Surface	18.1	18.0	18.1	27.0	27.1	27.1	7.2	7.2	7.2	87.9	87.9	87.9	2.3	2.3	2.3		3.8	4.0	3.9	
					Middle	18.0	17.9	18.0	27.1	27.2	27.2	7.1	7.1	7.1	86.6	86.9	86.8	2.4	2.3	2.4	2.4	4.1	3.9	4.0	4.1
					Bottom	17.8	17.8	17.8	27.2	27.3	27.3	7.1	7.1	7.1	86.8	87.0	86.9	2.5	2.6	2.5		4.3	4.5	4.4	
G4	1930-1944	25.2	E	0.8	Surface	18.0	18.0	18.0	27.1	27.0	27.1	7.3	7.3	7.3	89.7	89.9	89.8	2.4	2.5	2.4		4.1	4.1	4.1	
					Middle	18.0	17.9	18.0	27.1	27.1	27.1	7.2	7.2	7.2	88.4	88.9	88.7	2.5	2.6	2.5	2.6	4.3	4.4	4.4	4.4
					Bottom	17.9	17.8	17.9	27.2	27.3	27.3	7.1	7.1	7.1	87.4	87.6	87.5	2.8	2.8	2.8		4.8	4.7	4.8	
E2	1959-2015	10.4	E	0.7	Surface	18.1	18.0	18.1	27.0	27.1	27.1	7.3	7.3	7.3	89.2	89.3	89.3	2.5	2.5	2.5		4.2	4.2	4.2	
					Middle	18.0	18.0	18.0	27.1	27.1	27.1	7.2	7.2	7.2	88.2	88.1	88.2	2.6	2.6	2.6	2.6	4.5	4.4	4.5	4.5
					Bottom	17.8	17.8	17.8	27.3	27.2	27.3	7.1	7.1	7.1	87.3	87.5	87.4	2.8	2.8	2.8		4.7	4.9	4.8	
C2	2020-2035	29.2	E	0.6	Surface	18.0	18.1	18.1	27.0	27.1	27.1	7.3	7.3	7.3	89.5	89.1	89.3	2.5	2.4	2.4		4.0	4.2	4.1	
					Middle	18.1	18.0	18.1	27.1	27.0	27.1	7.2	7.2	7.2	88.7	88.9	88.8	2.5	2.5	2.5	2.5	4.2	4.3	4.3	4.3
					Bottom	17.9	17.8	17.9	27.2	27.2	27.2	7.2	7.2	7.2	88.2	87.9	88.1	2.6	2.7	2.6		4.4	4.5	4.5	
F1	2040-2053	8.8	E	0.6	Surface	18.0	18.0	18.0	27.1	27.1	27.1	7.3	7.3	7.3	89.5	89.7	89.6	2.7	2.7	2.7		4.7	4.6	4.7	
					Middle	18.0	17.9	18.0	27.2	27.1	27.2	7.2	7.2	7.2	88.4	88.1	88.3	2.8	2.8	2.8	2.8	4.8	4.7	4.8	4.8
					Bottom	17.8	17.8	17.8	27.1	27.2	27.2	7.1	7.0	7.1	86.9	86.4	86.7	2.9	2.9	2.9		4.9	5.2	5.1	
G3	2058-2113	13.2	E	0.6	Surface	18.0	18.1	18.1	27.0	27.1	27.1	7.3	7.3	7.3	89.8	89.6	89.7	3.0	3.0	3.0		5.0	5.0	5.0	
					Middle	18.0	17.9	18.0	27.2	27.2	27.2	7.2	7.1	7.1	87.9	87.6	87.8	3.1	3.1	3.1	3.1	5.2	5.3	5.3	5.2
					Bottom	17.8	17.9	17.9	27.2	27.2	27.2	7.1	7.1	7.1	87.1	86.6	86.9	3.1	3.1	3.1		5.4	5.3	5.4	
E9	2118-2130	19.3	W	0.5	Surface	18.0	18.0	18.0	27.1	27.1	27.1	7.1	7.1	7.1	87.4	87.6	87.5	2.9	3.0	2.9		5.1	5.0	5.1	
					Middle	18.0	18.0	18.0	27.1	27.1	27.1	7.0	7.0	7.0	85.5	85.8	85.7	3.1	3.1	3.1	3.1	5.1	5.3	5.2	5.3
					Bottom	17.9	17.8	17.9	27.3	27.2	27.3	7.0	7.0	7.0	86.2	85.8	86.0	3.2	3.3	3.3		5.6	5.6	5.6	

Remark or Observation:

Note: \* Average \*\* Depth Average

**Annex C13 Post Project Water Quality Monitoring Results during Mid-flood on 14 February 2013**

Date: 14-Feb-13  
 Tide: mid-Flood  
 Weather: Fine  
 Sea Conditions: Small Wave  
 Zone: C

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms <sup>-1</sup> )	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	0900-0915	23.0	W	0.6	Surface	17.9	17.9	17.9	27.0	27.1	27.1	7.5	7.5	7.5	92.3	92.7	92.5	2.7	2.6	2.7		4.8	4.4	4.6	
					Middle	17.7	17.8	17.8	27.1	27.2	27.2	7.4	7.4	7.4	90.5	91.0	90.8	2.4	2.5	2.4	2.6	4.3	4.3	4.3	4.6
					Bottom	17.6	17.7	17.7	27.4	27.3	27.4	7.4	7.4	7.4	90.9	90.5	90.7	2.7	2.7	2.7		4.8	4.8	4.8	
C3	0918-0933	31.2	W	0.7	Surface	17.9	17.9	17.9	27.1	27.2	27.2	7.6	7.7	7.6	93.7	94.2	94.0	2.5	2.5	2.5		4.7	4.5	4.6	
					Middle	17.8	17.8	17.8	27.2	27.1	27.2	7.5	7.5	7.5	92.1	92.0	92.1	3.1	3.1	3.1	2.9	5.4	5.7	5.6	5.1
					Bottom	17.7	17.6	17.7	27.3	27.4	27.4	7.4	7.4	7.4	90.5	90.8	90.7	3.0	3.1	3.0		5.2	5.3	5.3	
E5	0936-0951	40.4	W	0.5	Surface	18.0	18.1	18.1	27.0	27.1	27.1	7.8	7.8	7.8	96.2	95.8	96.0	3.0	3.0	3.0		5.4	5.2	5.3	
					Middle	17.9	18.0	18.0	27.1	27.2	27.2	8.0	7.9	7.9	98.2	97.2	97.7	3.0	2.9	2.9	2.8	5.3	5.1	5.2	5.0
					Bottom	17.8	17.7	17.8	27.4	27.4	27.4	7.6	7.6	7.6	93.7	93.5	93.6	2.5	2.5	2.5		4.3	4.4	4.4	
G6	0954-1009	32.2	W	0.3	Surface	18.0	18.1	18.1	27.1	27.2	27.2	7.6	7.7	7.7	93.7	94.7	94.2	2.4	2.5	2.4		4.5	4.6	4.6	
					Middle	17.8	17.9	17.9	27.3	27.2	27.3	7.8	7.8	7.8	96.1	96.4	96.3	2.6	2.7	2.6	2.7	5.0	4.8	4.9	4.9
					Bottom	17.6	17.5	17.6	27.4	27.5	27.5	7.5	7.4	7.5	91.9	91.5	91.7	2.9	3.0	2.9		5.3	5.4	5.4	
G5	1012-1030	30.2	W	0.4	Surface	18.0	17.9	18.0	27.1	27.1	27.1	7.7	7.7	7.7	94.4	94.8	94.6	2.3	2.4	2.3		4.2	4.4	4.3	
					Middle	17.9	17.8	17.9	27.2	27.3	27.3	7.7	7.6	7.6	94.2	93.6	93.9	2.7	2.7	2.7	2.6	4.9	5.0	5.0	4.8
					Bottom	17.7	17.8	17.8	27.3	27.4	27.4	7.5	7.6	7.5	92.5	92.9	92.7	2.8	2.8	2.8		5.0	5.0	5.0	

Remark or Observation:

Note: \* Average \*\* Depth Average

**Annex C14 Post Project Water Quality Monitoring Results during Mid-ebb on 14 February 2013**

Date:	14-Feb-13
Tide:	mid-Ebb
Weather:	Fine
Sea Conditions:	Small Wave
Zone	C

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms <sup>-1</sup> )	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	1400-1415	22.2	E	0.5	Surface	18.0	18.1	18.1	27.0	27.1	27.1	7.7	7.7	7.7	94.9	94.6	94.8	2.8	2.7	2.8		5.0	4.9	5.0	
					Middle	17.9	17.9	17.9	27.3	27.2	27.3	7.6	7.6	7.6	92.9	93.4	93.2	2.6	2.6	2.6	2.8	4.5	4.6	4.6	4.9
					Bottom	17.8	17.7	17.8	27.4	27.4	27.4	7.3	7.3	7.3	89.3	89.5	89.4	3.0	2.9	3.0		5.1	5.1	5.1	
C3	1419-1434	30.8	E	0.6	Surface	18.1	18.1	18.1	27.0	27.0	27.0	7.5	7.6	7.6	92.7	93.4	93.1	2.7	2.7	2.7		4.9	4.9	4.9	
					Middle	17.8	17.8	17.8	27.2	27.3	27.3	7.4	7.4	7.4	90.7	91.0	90.9	3.1	3.2	3.1	3.0	5.7	5.6	5.7	5.4
					Bottom	17.7	17.6	17.7	27.3	27.3	27.3	7.2	7.2	7.2	88.1	88.8	88.5	3.1	3.1	3.1		5.6	5.6	5.6	
E5	1437-1452	39.6	E	0.4	Surface	18.0	18.1	18.1	27.1	27.2	27.2	7.7	7.7	7.7	95.1	95.0	95.1	3.0	2.9	2.9		5.3	5.1	5.2	
					Middle	17.9	17.8	17.9	27.2	27.2	27.2	7.8	7.8	7.8	95.6	95.4	95.5	3.1	3.0	3.1	2.9	5.4	5.4	5.4	5.1
					Bottom	17.8	17.7	17.8	27.2	27.3	27.3	7.4	7.3	7.4	90.5	90.3	90.4	2.7	2.7	2.7		4.6	4.7	4.7	
G6	1456-1512	33.0	E	0.4	Surface	18.1	18.0	18.1	27.2	27.1	27.2	7.5	7.5	7.5	92.7	92.1	92.4	2.6	2.6	2.6		4.3	4.4	4.4	
					Middle	17.8	17.7	17.8	27.3	27.2	27.3	7.4	7.4	7.4	90.8	91.2	91.0	2.7	2.7	2.7	2.8	4.8	5.0	4.9	4.9
					Bottom	17.7	17.8	17.8	27.4	27.4	27.4	7.3	7.2	7.2	89.3	88.9	89.1	3.1	3.0	3.1		5.4	5.2	5.3	
G5	1514-1530	31.0	E	0.4	Surface	18.0	18.0	18.0	27.0	27.1	27.1	7.6	7.6	7.6	93.6	93.2	93.4	2.5	2.5	2.5		4.5	4.4	4.5	
					Middle	17.7	17.8	17.8	27.2	27.2	27.2	7.2	7.3	7.2	88.6	89.7	89.2	2.9	2.9	2.9	2.8	5.1	5.2	5.2	4.9
					Bottom	17.9	17.8	17.9	27.4	27.3	27.4	7.4	7.5	7.4	91.1	91.8	91.5	2.9	3.0	3.0		5.1	5.2	5.2	

Remark or Observation:

Note: \* Average \*\* Depth Average

**Annex C15 Post Project Water Quality Monitoring Results during Mid-flood on 16 February 2013**

Date: 16-Feb-13  
 Tide: Mid-Flood  
 Weather: Cloudy  
 Sea Conditions: Great Wave  
 Zone: C

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms <sup>-1</sup> )	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	0930-0945	23.2	W	0.5	Surface	17.9	17.9	17.9	27.0	27.1	27.1	7.6	7.6	7.6	93.4	93.8	93.6	2.6	2.6	2.6		4.4	4.3	4.4	
					Middle	17.9	17.8	17.9	27.1	27.2	27.2	7.5	7.5	7.5	91.6	92.1	91.9	2.4	2.4	2.4	2.6	4.0	4.1	4.1	4.3
					Bottom	17.8	17.7	17.8	27.2	27.3	27.3	7.5	7.5	7.5	92.0	91.8	91.9	2.7	2.7	2.7		4.3	4.5	4.4	
C3	0948-1003	31.4	W	0.6	Surface	17.9	17.8	17.9	27.0	27.1	27.1	7.7	7.8	7.7	94.8	95.3	95.1	2.5	2.5	2.5		4.0	4.1	4.1	
					Middle	17.8	17.9	17.9	27.2	27.3	27.3	7.6	7.6	7.6	93.2	93.1	93.2	3.0	3.0	3.0	2.8	5.1	5.2	5.2	4.7
					Bottom	17.8	17.8	17.8	27.3	27.4	27.4	7.5	7.5	7.5	91.6	91.9	91.8	3.0	3.0	3.0		4.9	5.0	5.0	
E5	1006-1021	40.6	W	0.4	Surface	17.8	17.9	17.9	27.1	27.1	27.1	7.9	7.9	7.9	97.3	96.9	97.1	3.0	2.9	2.9		4.9	4.8	4.9	
					Middle	17.8	17.7	17.8	27.2	27.3	27.3	8.0	7.9	7.9	97.8	97.2	97.5	2.9	2.9	2.9	2.8	4.8	4.9	4.9	4.7
					Bottom	17.7	17.6	17.7	27.4	27.4	27.4	7.7	7.7	7.7	95.0	94.6	94.8	2.5	2.5	2.5		4.3	4.2	4.3	
G6	1024-1039	32.4	W	0.2	Surface	17.9	18.0	18.0	27.1	27.2	27.2	7.7	7.8	7.8	94.8	95.8	95.3	2.4	2.4	2.4		4.0	4.0	4.0	
					Middle	17.9	17.8	17.9	27.2	27.3	27.3	7.9	7.9	7.9	97.3	97.5	97.4	2.6	2.6	2.6	2.6	4.4	4.3	4.4	4.4
					Bottom	17.7	17.6	17.7	27.3	27.4	27.4	7.6	7.5	7.5	93.0	92.6	92.8	2.9	2.9	2.9		4.9	4.9	4.9	
G5	1042-1100	30.2	W	0.4	Surface	18.0	17.9	18.0	27.1	27.2	27.2	7.8	7.8	7.8	95.6	96.1	95.9	2.3	2.3	2.3		3.7	3.8	3.8	
					Middle	17.8	17.7	17.8	27.3	27.4	27.4	7.8	7.7	7.7	95.3	94.7	95.0	2.7	2.7	2.7	2.6	4.6	4.5	4.6	4.3
					Bottom	17.6	17.5	17.6	27.4	27.4	27.4	7.6	7.7	7.6	93.6	94.1	93.9	2.8	2.7	2.7		4.7	4.6	4.7	

Remark or Observation:

Note: \* Average \*\* Depth Average

**Annex C16 Post Project Water Quality Monitoring Results during Mid-ebb on 16 February 2013**

Date: 16-Feb-13  
 Tide: Mid-Ebb  
 Weather: Cloudy  
 Sea Conditions: Great Wave  
 Zone: C

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms <sup>-1</sup> )	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	1500-1515	22.8	E	0.4	Surface	18.0	18.1	18.1	27.0	27.1	27.1	7.5	7.6	7.6	92.7	93.2	93.0	2.7	2.7	2.7		4.6	4.3	4.5	
					Middle	18.0	17.9	18.0	27.2	27.3	27.3	7.4	7.4	7.4	91.0	91.5	91.3	2.5	2.5	2.5	2.6	4.0	4.1	4.1	4.4
					Bottom	17.9	17.8	17.9	27.3	27.4	27.4	7.4	7.4	7.4	91.4	91.1	91.3	2.7	2.8	2.8		4.6	4.6	4.6	
C3	1518-1533	30.2	E	0.5	Surface	18.1	18.0	18.1	27.1	27.2	27.2	7.7	7.7	7.7	94.2	94.7	94.5	2.6	2.6	2.6		4.2	4.2	4.2	
					Middle	18.0	17.9	18.0	27.3	27.4	27.4	7.5	7.5	7.5	92.6	92.5	92.6	3.1	3.1	3.1	2.9	5.1	5.1	5.1	4.8
					Bottom	17.8	17.7	17.8	27.4	27.4	27.4	7.4	7.4	7.4	91.0	91.3	91.2	3.1	3.1	3.1		5.0	5.0	5.0	
E5	1536-1551	39.4	E	0.6	Surface	18.0	18.0	18.0	27.1	27.1	27.1	7.9	7.8	7.8	96.7	96.3	96.5	3.0	3.0	3.0		5.0	5.0	5.0	
					Middle	17.9	17.8	17.9	27.2	27.3	27.3	7.9	7.9	7.9	97.2	96.6	96.9	3.0	3.0	3.0	2.9	5.0	4.9	5.0	4.8
					Bottom	17.7	17.7	17.7	27.3	27.4	27.4	7.7	7.6	7.7	94.3	94.0	94.2	2.6	2.5	2.6		4.3	4.3	4.3	
G6	1554-1609	32.0	E	0.3	Surface	17.9	18.0	18.0	27.0	27.1	27.1	7.7	7.7	7.7	94.2	95.2	94.7	2.5	2.5	2.5		4.2	4.4	4.3	
					Middle	17.9	17.9	17.9	27.2	27.3	27.3	7.9	7.9	7.9	96.7	96.9	96.8	2.7	2.7	2.7	2.7	4.6	4.5	4.6	4.6
					Bottom	17.8	17.7	17.8	27.4	27.4	27.4	7.5	7.5	7.5	92.4	92.0	92.2	3.0	3.0	3.0		5.0	4.9	5.0	
G5	1612-1630	29.8	E	0.4	Surface	18.0	17.9	18.0	27.1	27.2	27.2	7.7	7.8	7.7	95.0	95.4	95.2	2.3	2.4	2.4		4.0	4.1	4.1	
					Middle	17.9	17.8	17.9	27.2	27.3	27.3	7.7	7.7	7.7	94.7	94.1	94.4	2.8	2.8	2.8	2.7	4.7	4.8	4.8	4.5
					Bottom	17.7	17.6	17.7	27.3	27.4	27.4	7.6	7.6	7.6	93.0	93.5	93.3	2.8	2.8	2.8		4.8	4.8	4.8	

Remark or Observation:

Note: \* Average \*\* Depth Average



**Annex C17 Post Project Water Quality Monitoring Results during Mid-flood on 19 February 2013**

Date: 19-Feb-13  
 Tide: Mid-Flood  
 Weather: Cloudy  
 Sea Conditions: Small Wave  
 Zone: C

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms <sup>-1</sup> )	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	0930-0947	22.8	W	0.6	Surface	18.0	17.9	18.0	27.1	27.2	27.2	7.7	7.7	7.7	93.9	94.4	94.2	2.5	2.5	2.5		4.2	4.2	4.2	
					Middle	17.9	17.8	17.9	27.2	27.3	27.3	7.5	7.5	7.5	92.0	91.6	91.8	2.6	2.7	2.6	2.6	4.5	4.5	4.5	4.5
					Bottom	17.7	17.7	17.7	27.3	27.3	27.3	7.4	7.4	7.4	90.5	90.9	90.7	2.7	2.8	2.8		4.7	4.7	4.7	
C3	0951-1008	30.8	W	0.6	Surface	18.0	17.9	18.0	27.2	27.1	27.2	7.6	7.6	7.6	93.1	93.5	93.3	2.7	2.8	2.7		4.6	4.7	4.7	
					Middle	17.8	17.8	17.8	27.2	27.3	27.3	7.5	7.5	7.5	92.2	91.9	92.1	2.9	3.0	3.0	2.9	4.9	5.0	5.0	5.0
					Bottom	17.8	17.7	17.8	27.3	27.4	27.4	7.4	7.4	7.4	91.1	90.7	90.9	3.1	3.1	3.1		5.2	5.4	5.3	
E5	1011-1028	40.0	W	0.5	Surface	18.0	18.0	18.0	27.2	27.1	27.2	7.8	7.9	7.8	95.8	96.2	96.0	2.9	3.0	2.9		4.9	4.9	4.9	
					Middle	17.9	17.8	17.9	27.3	27.3	27.3	7.7	7.7	7.7	94.6	94.1	94.4	3.0	3.1	3.1	3.1	5.2	5.2	5.2	5.2
					Bottom	17.7	17.7	17.7	27.4	27.3	27.4	7.6	7.5	7.5	92.4	92.0	92.2	3.2	3.2	3.2		5.4	5.5	5.5	
G6	1031-1045	32.2	W	0.4	Surface	18.1	18.0	18.1	27.2	27.2	27.2	7.8	7.8	7.8	96.0	95.6	95.8	2.3	2.4	2.3		3.9	4.0	4.0	
					Middle	18.0	17.9	18.0	27.3	27.2	27.3	7.8	7.7	7.7	95.1	94.7	94.9	2.4	2.5	2.5	2.5	4.0	4.2	4.1	4.2
					Bottom	17.8	17.8	17.8	27.3	27.4	27.4	7.6	7.6	7.6	92.8	93.2	93.0	2.7	2.7	2.7		4.6	4.5	4.6	
G5	1048-1100	30.4	W	0.5	Surface	18.0	18.1	18.1	27.2	27.2	27.2	7.8	7.8	7.8	95.3	95.9	95.6	2.2	2.3	2.3		3.7	3.9	3.8	
					Middle	17.9	18.0	18.0	27.2	27.3	27.3	7.7	7.6	7.7	94.2	93.6	93.9	2.5	2.5	2.5	2.5	4.2	4.1	4.2	4.2
					Bottom	17.8	17.9	17.9	27.4	27.3	27.4	7.5	7.6	7.5	92.1	92.7	92.4	2.6	2.7	2.7		4.4	4.6	4.5	

Remark or Observation:

Note: \* Average \*\* Depth Average

**Annex C18 Post Project Water Quality Monitoring Results during Mid-ebb on 19 February 2013**

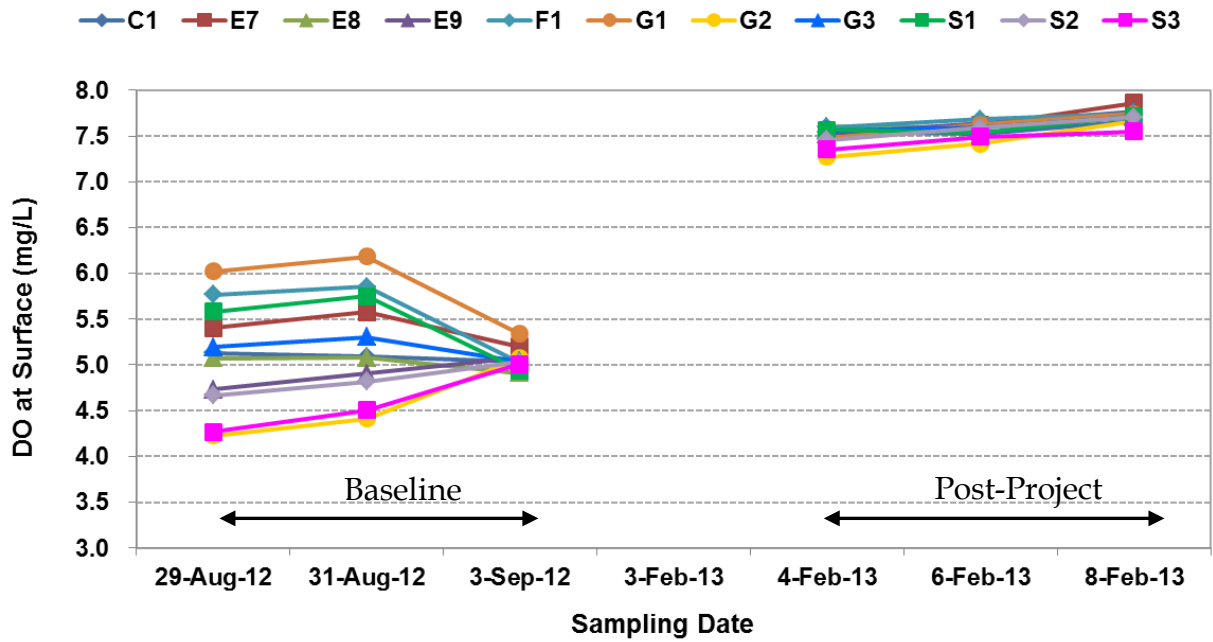
Date: 19-Feb-13  
 Tide: Mid-Ebb  
 Weather: Cloudy  
 Sea Conditions: Small Wave  
 Zone: C

Location	Sampling Time	Water Depth (m)	Current direction	Current speed (ms <sup>-1</sup> )	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	1700-1715	22.0	E	0.5	Surface	17.9	17.9	17.9	27.2	27.2	27.2	7.6	7.6	7.6	93.3	92.9	93.1	2.7	2.6	2.6		4.6	4.4	4.5	
					Middle	17.8	17.7	17.8	27.3	27.3	27.3	7.4	7.4	7.4	90.4	90.0	90.2	2.7	2.8	2.8	2.8	4.6	4.7	4.7	4.7
					Bottom	17.7	17.6	17.7	27.3	27.4	27.4	7.2	7.3	7.3	88.7	89.0	88.9	2.9	2.9	2.9		4.8	4.8	4.8	
C3	1718-1734	30.2	E	0.5	Surface	17.9	17.9	17.9	27.2	27.2	27.2	7.6	7.5	7.5	92.5	91.8	92.2	2.9	2.9	2.9		4.8	4.6	4.7	
					Middle	17.8	17.7	17.8	27.3	27.4	27.4	7.4	7.4	7.4	90.8	90.5	90.7	3.1	3.1	3.1	3.1	5.2	5.1	5.2	5.1
					Bottom	17.6	17.7	17.7	27.4	27.4	27.4	7.3	7.3	7.3	89.4	88.9	89.2	3.2	3.3	3.3		5.4	5.5	5.5	
E5	1737-1753	39.4	E	0.6	Surface	17.9	17.8	17.9	27.2	27.3	27.3	7.7	7.7	7.7	93.8	94.3	94.1	3.0	3.1	3.1		5.0	5.3	5.2	
					Middle	17.8	17.7	17.8	27.4	27.3	27.4	7.5	7.4	7.4	91.4	91.0	91.2	3.2	3.3	3.2	3.2	5.3	5.5	5.4	5.4
					Bottom	17.6	17.6	17.6	27.4	27.5	27.5	7.3	7.4	7.4	89.9	90.4	90.2	3.3	3.3	3.3		5.6	5.5	5.6	
G6	1757-1812	31.2	E	0.5	Surface	17.8	17.9	17.9	27.3	27.2	27.3	7.7	7.8	7.7	94.4	94.9	94.7	2.5	2.5	2.5		4.1	4.2	4.2	
					Middle	17.8	17.8	17.8	27.4	27.4	27.4	7.6	7.6	7.6	93.0	93.6	93.3	2.6	2.7	2.6	2.7	4.4	4.5	4.5	4.4
					Bottom	17.7	17.7	17.7	27.5	27.4	27.5	7.4	7.4	7.4	90.6	90.3	90.5	2.8	2.9	2.9		4.6	4.8	4.7	
G5	1815-1830	29.6	E	0.4	Surface	17.9	17.8	17.9	27.2	27.3	27.3	7.7	7.6	7.6	94.0	93.3	93.7	2.4	2.4	2.4		4.1	4.1	4.1	
					Middle	17.8	17.8	17.8	27.3	27.4	27.4	7.5	7.5	7.5	92.4	91.9	92.2	2.6	2.6	2.6	2.6	4.2	4.4	4.3	4.4
					Bottom	17.7	17.6	17.7	27.4	27.4	27.4	7.4	7.4	7.4	90.5	90.0	90.3	2.8	2.8	2.8		4.9	4.8	4.9	

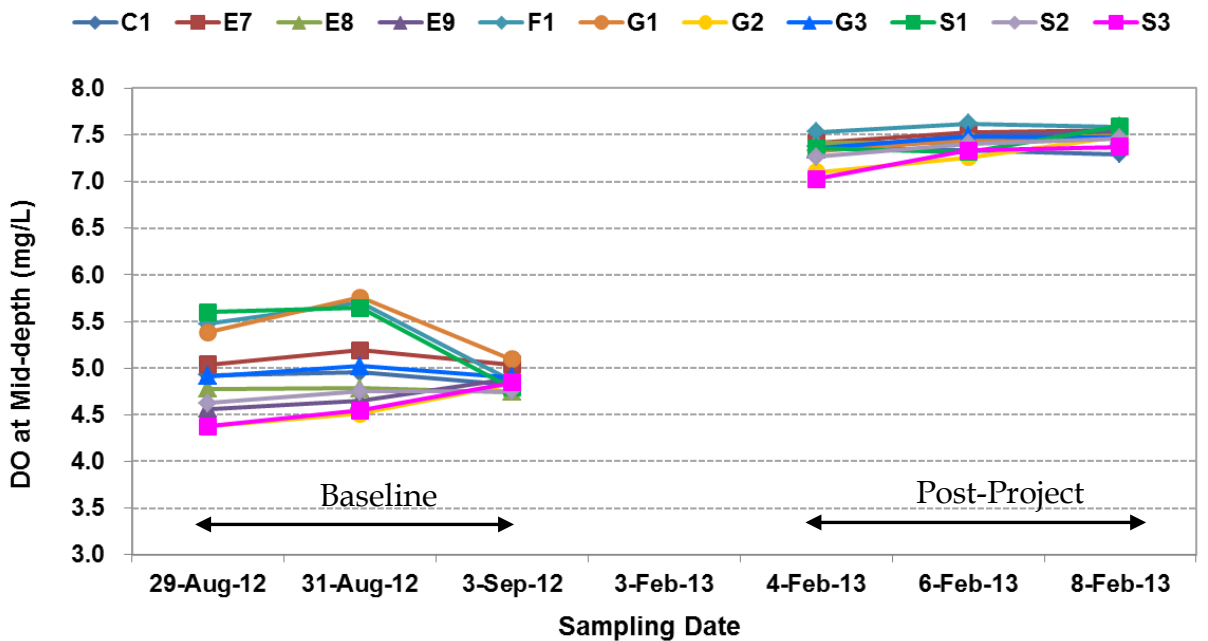
Remark or Observation:

Note: \* Average \*\* Depth Average

### Dissolved Oxygen at Surface during Mid-Flood in Zone A

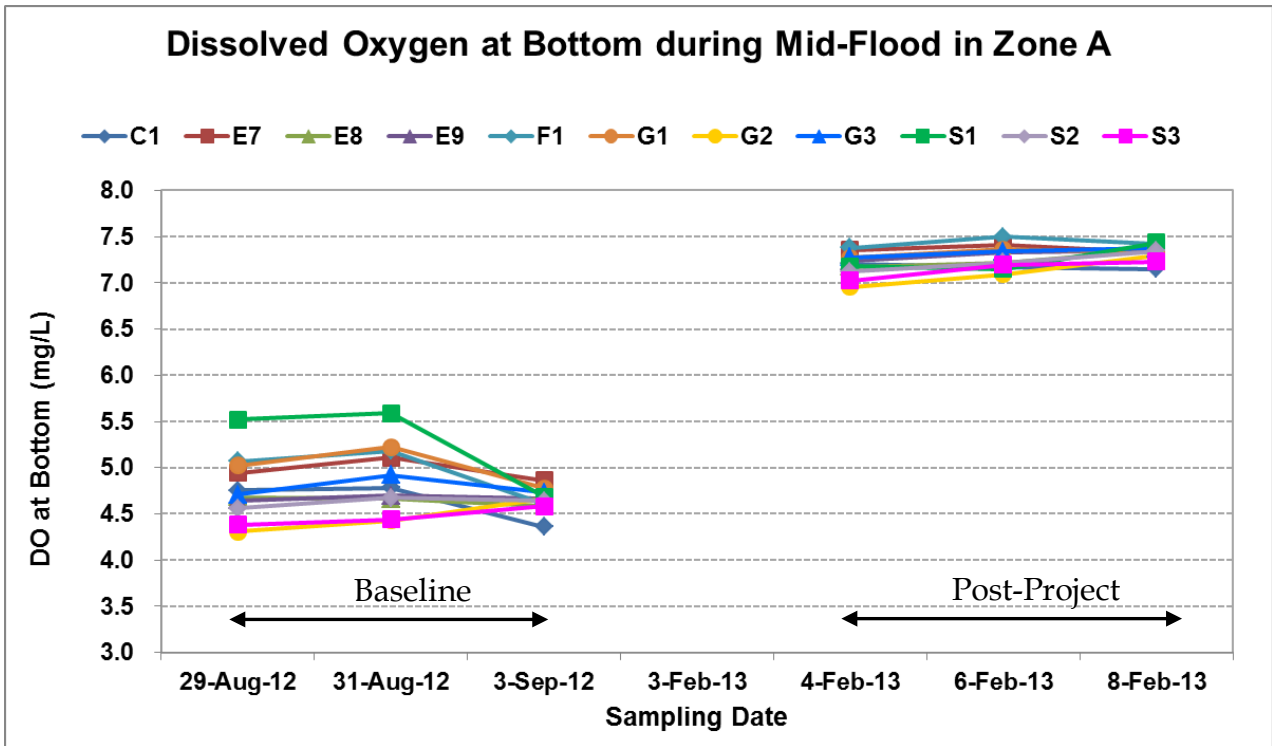


### Dissolved Oxygen at Mid-depth during Mid-Flood in Zone A



**Figure C1** Dissolved oxygen (mg/L) at surface and mid-depth of water column measured during mid-flood in Zone A

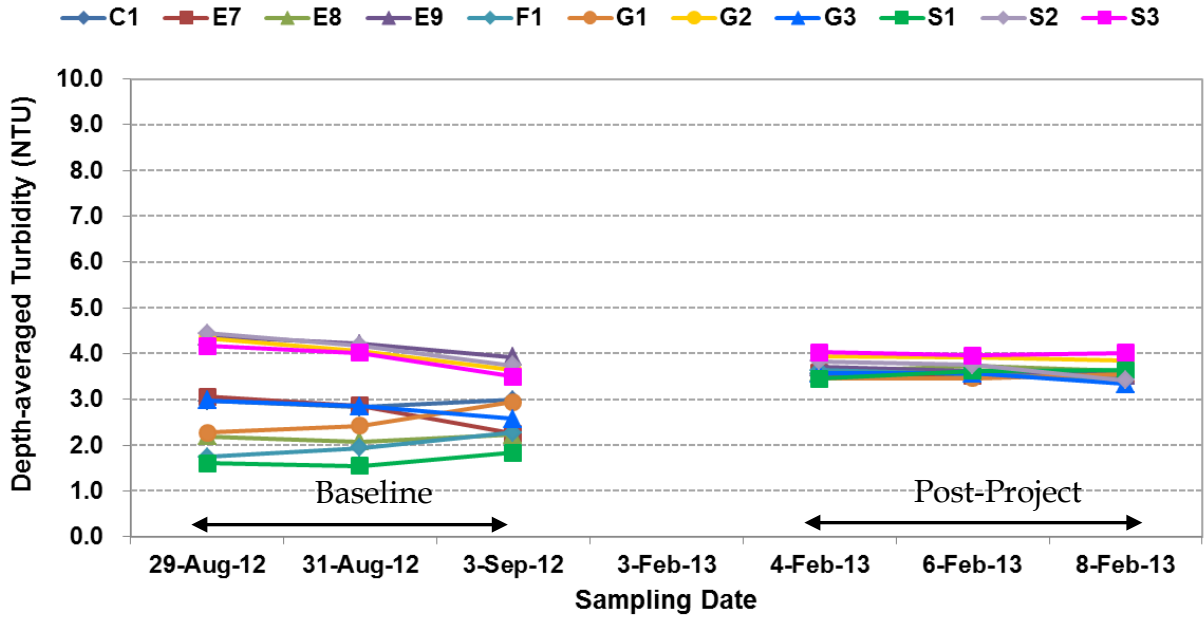




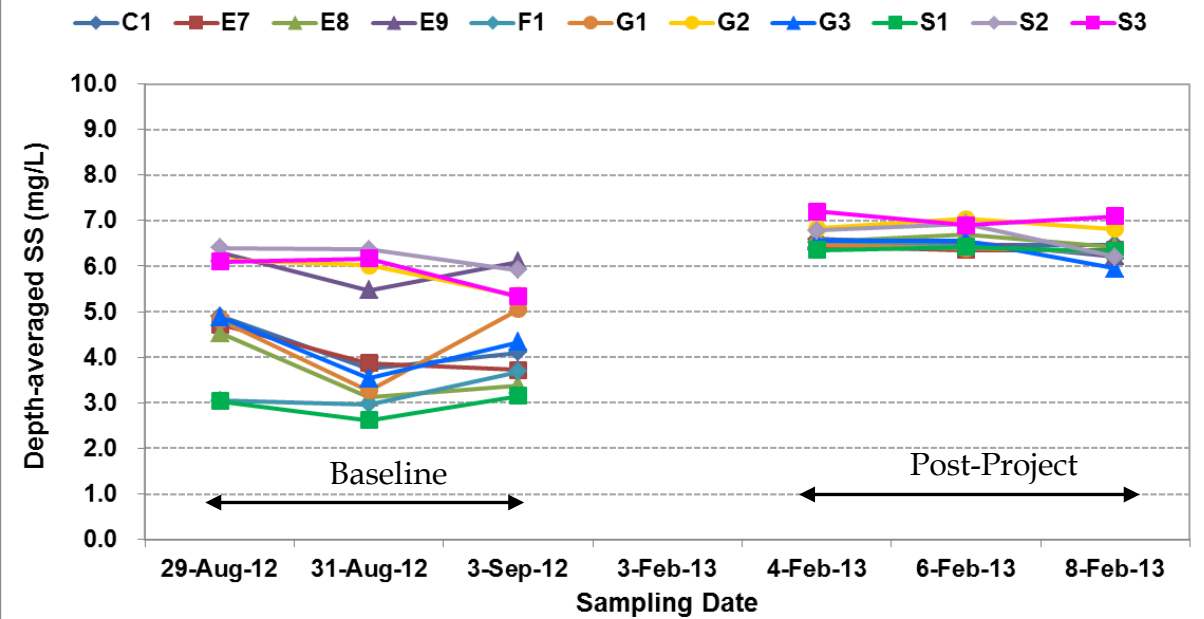
**Figure C2** Dissolved oxygen (mg/L) at bottom of water column measured during mid-flood in Zone A



### Depth-averaged Turbidity during Mid-Flood in Zone A

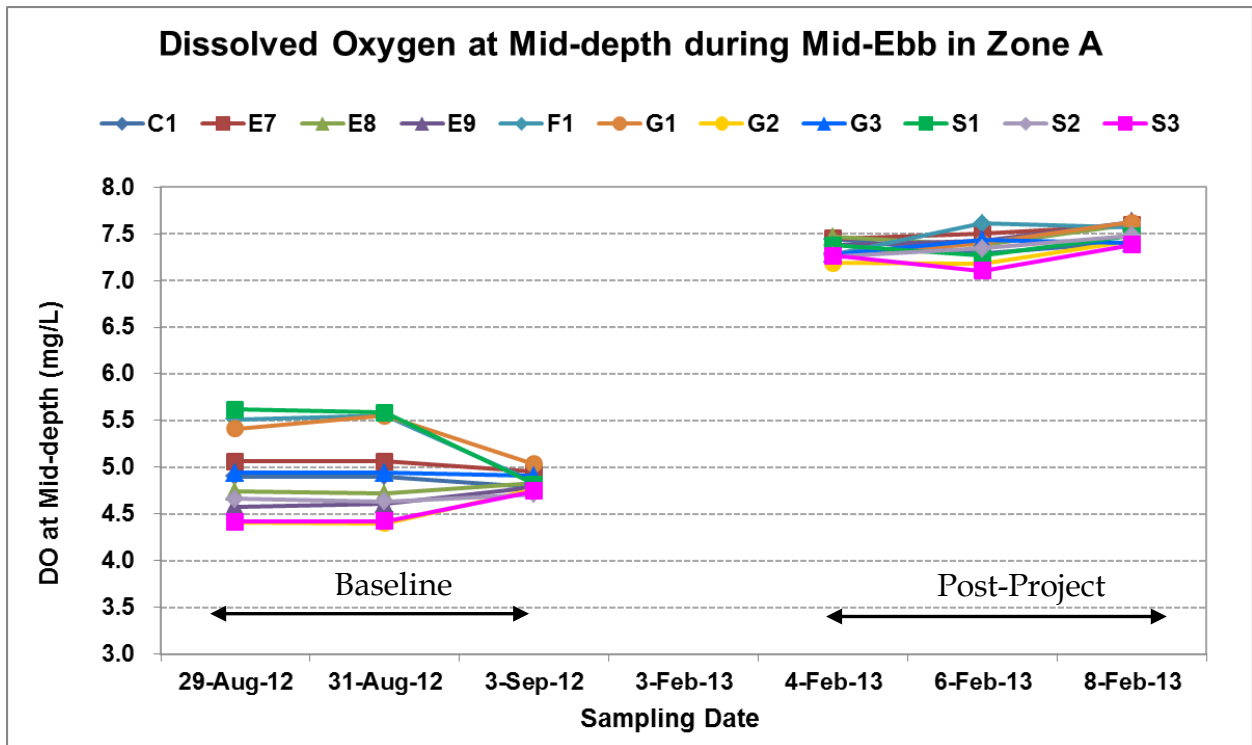
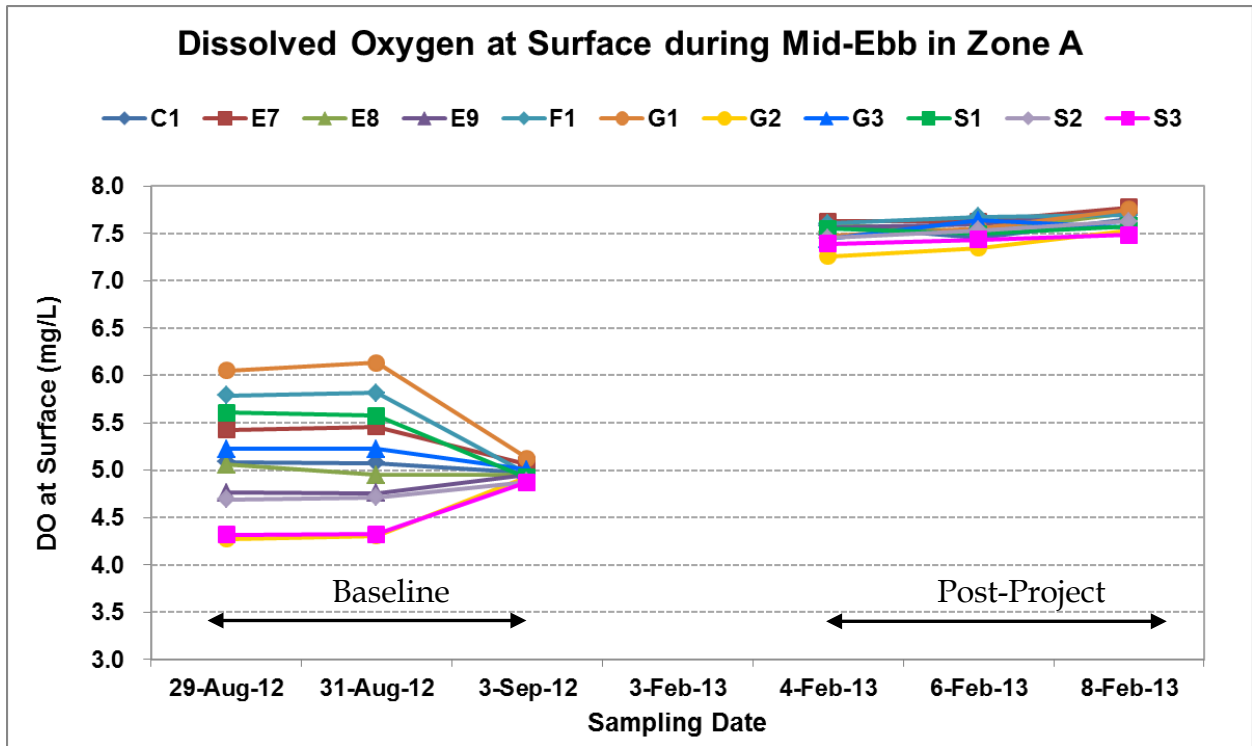


### Depth-averaged Suspended Solid during Mid-Flood in Zone A



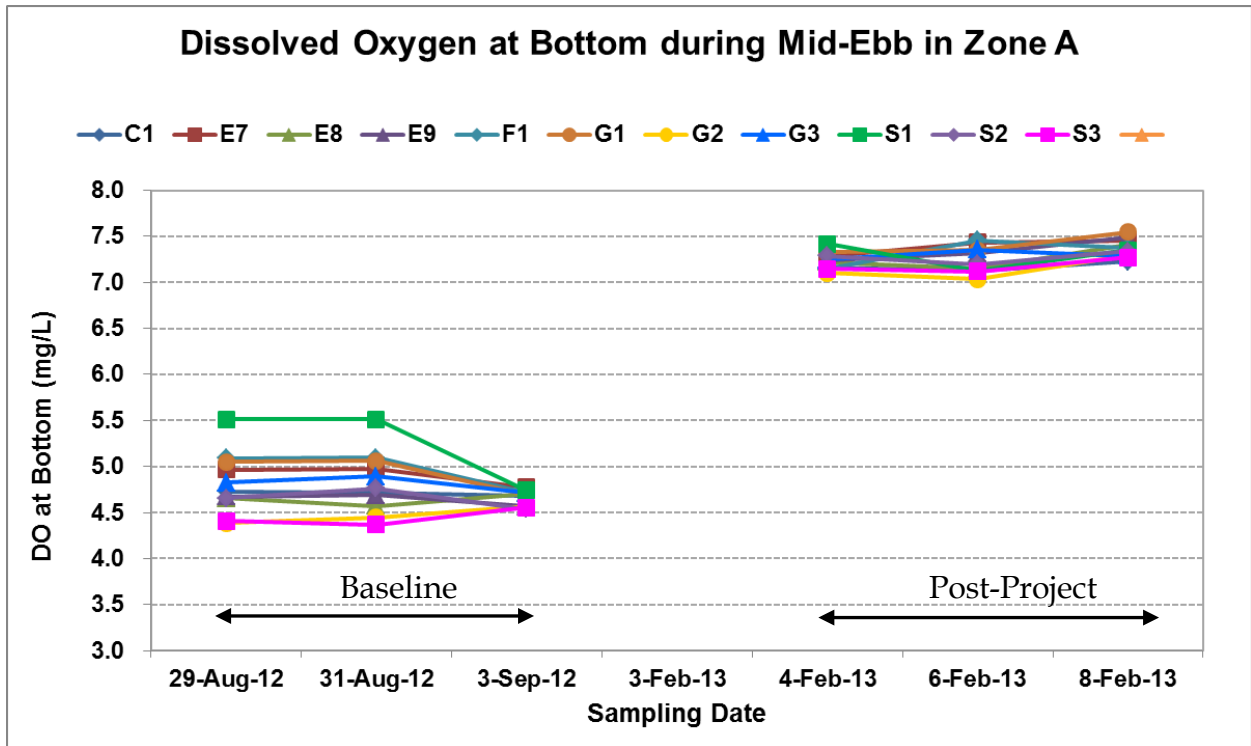
**Figure C3** Depth-averaged Turbidity (NTU) and Depth-averaged Suspended Solid (mg/L) measured during mid-flood in Zone A





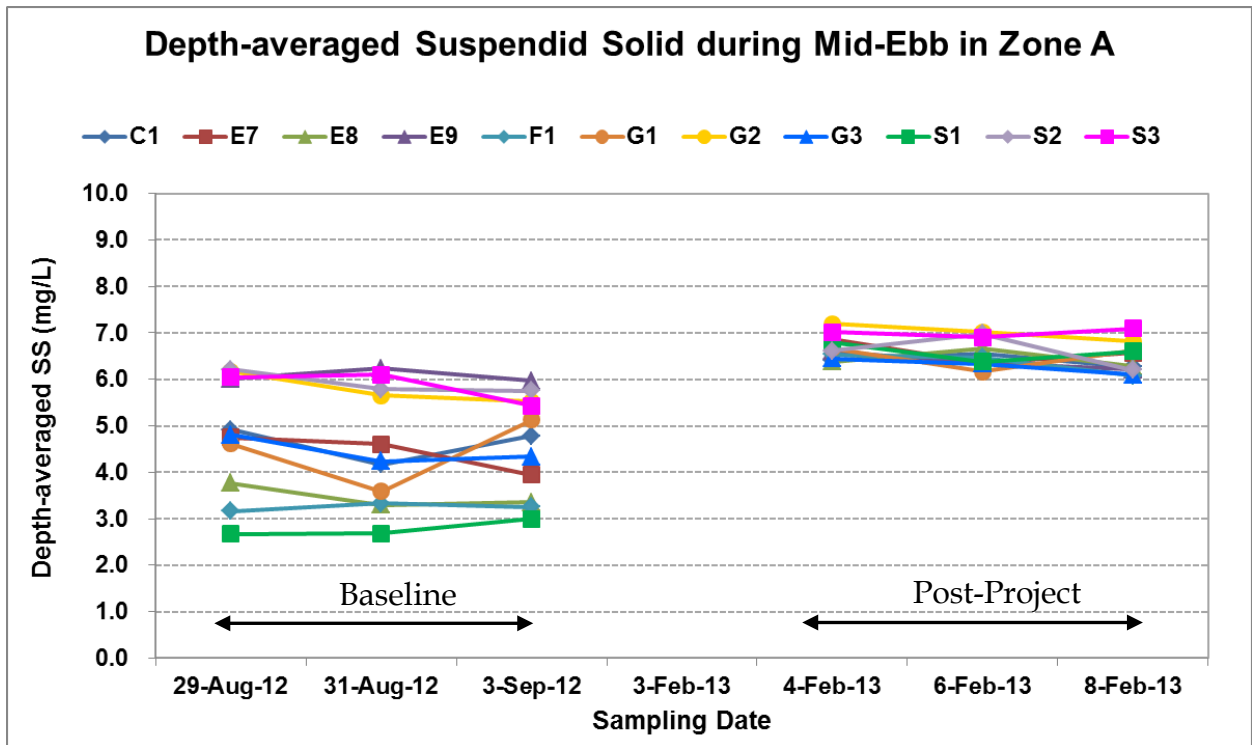
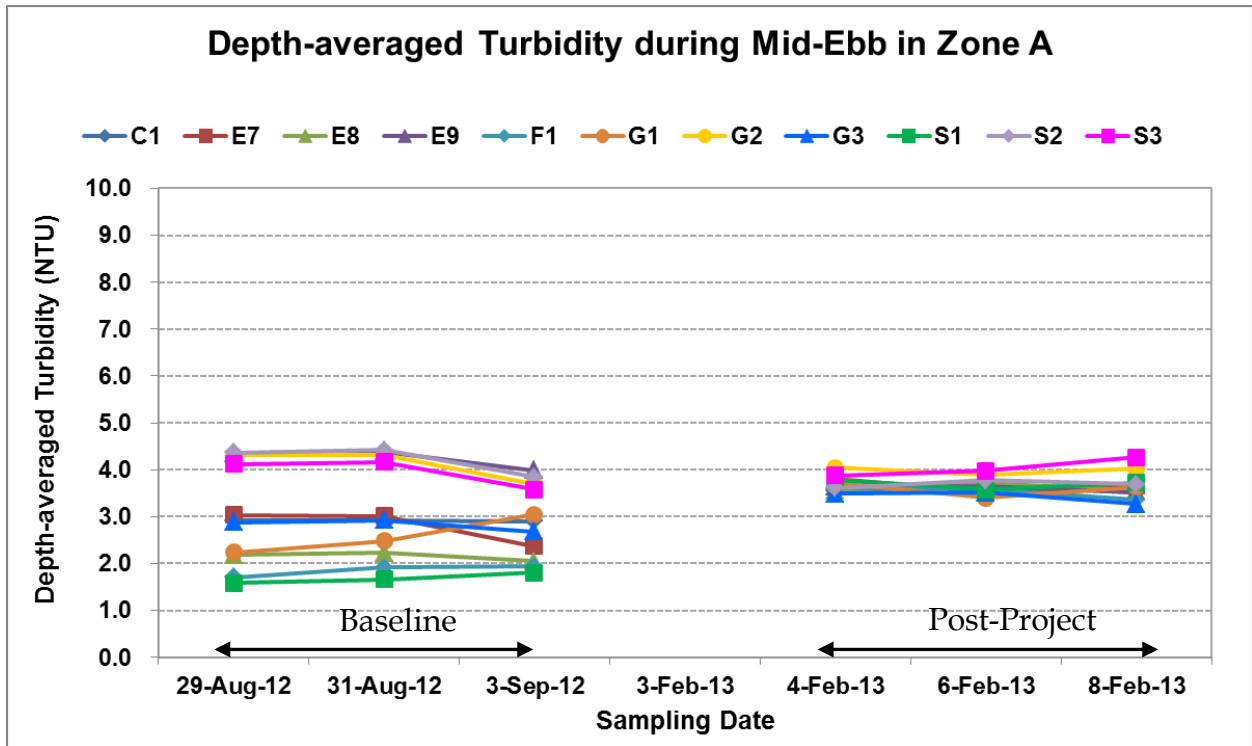
**Figure C4** Dissolved oxygen (mg/L) at surface and mid-depth of water column measured during mid-ebb in Zone A





**Figure C5** Dissolved oxygen (mg/L) at bottom of water column measured during mid-ebb in Zone A

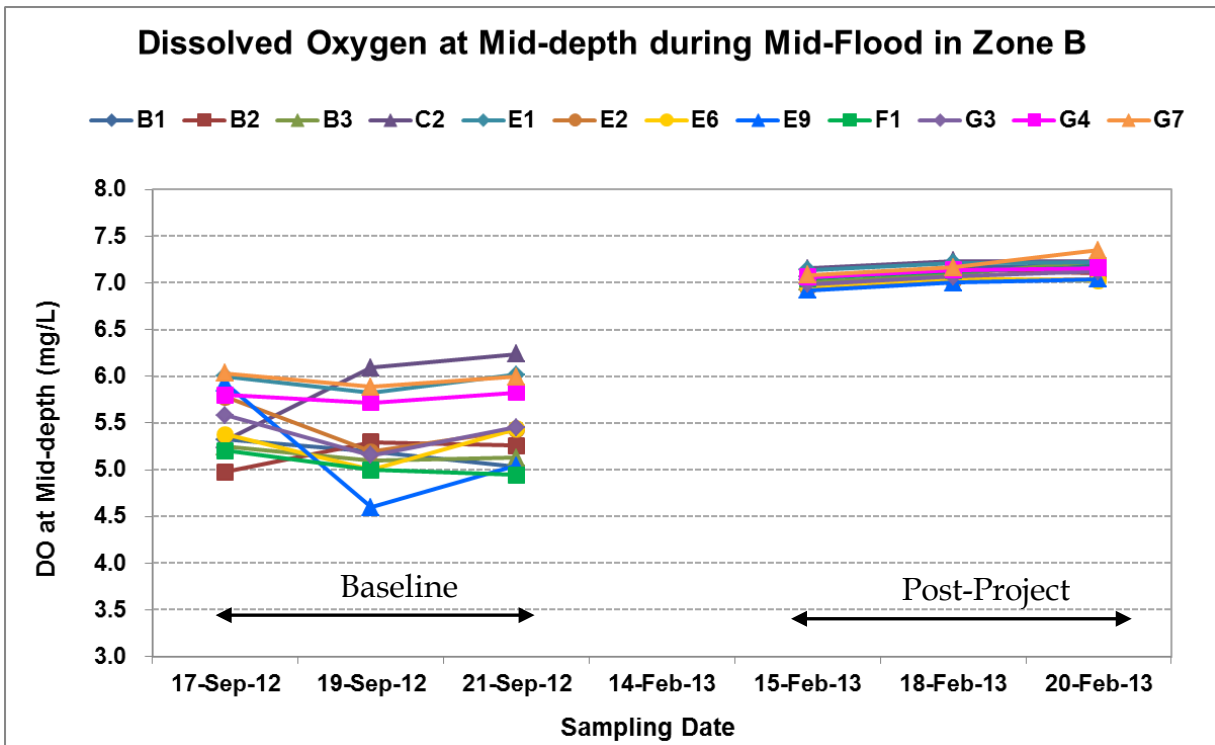
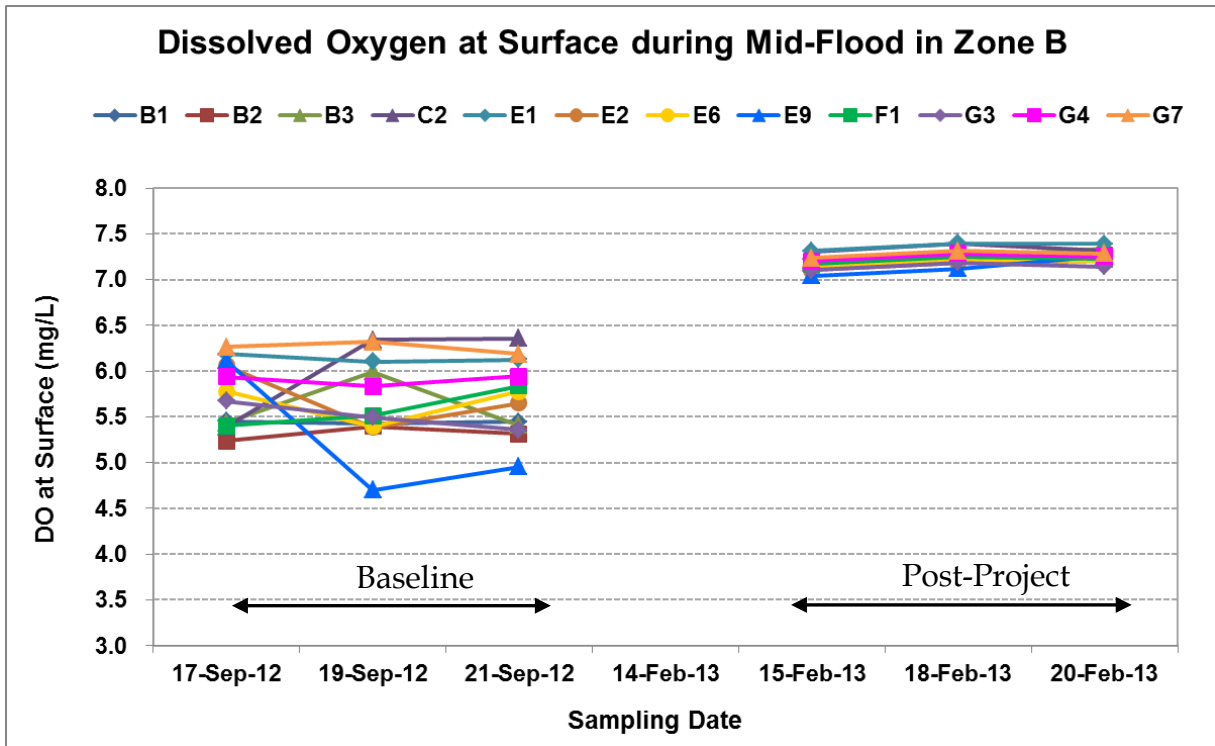




**Figure C6** Depth-averaged Turbidity (NTU) and Depth-averaged Suspended Solid (mg/L) during mid-ebb in Zone A

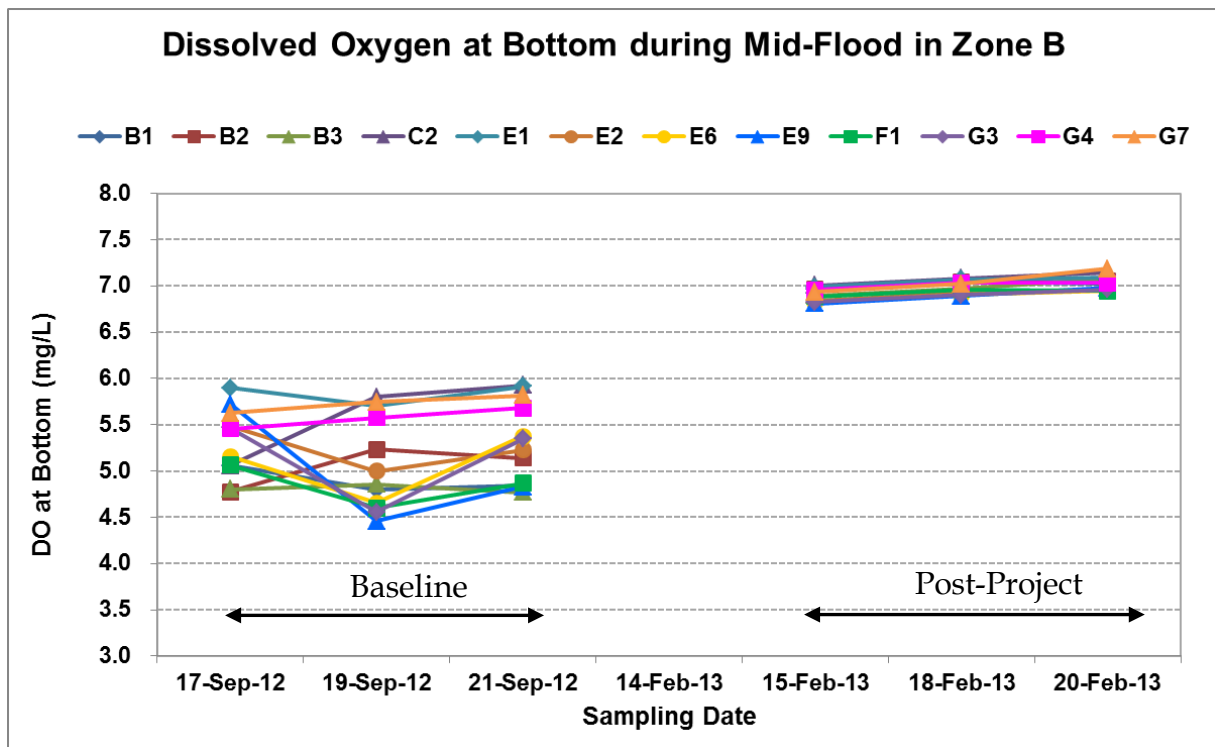






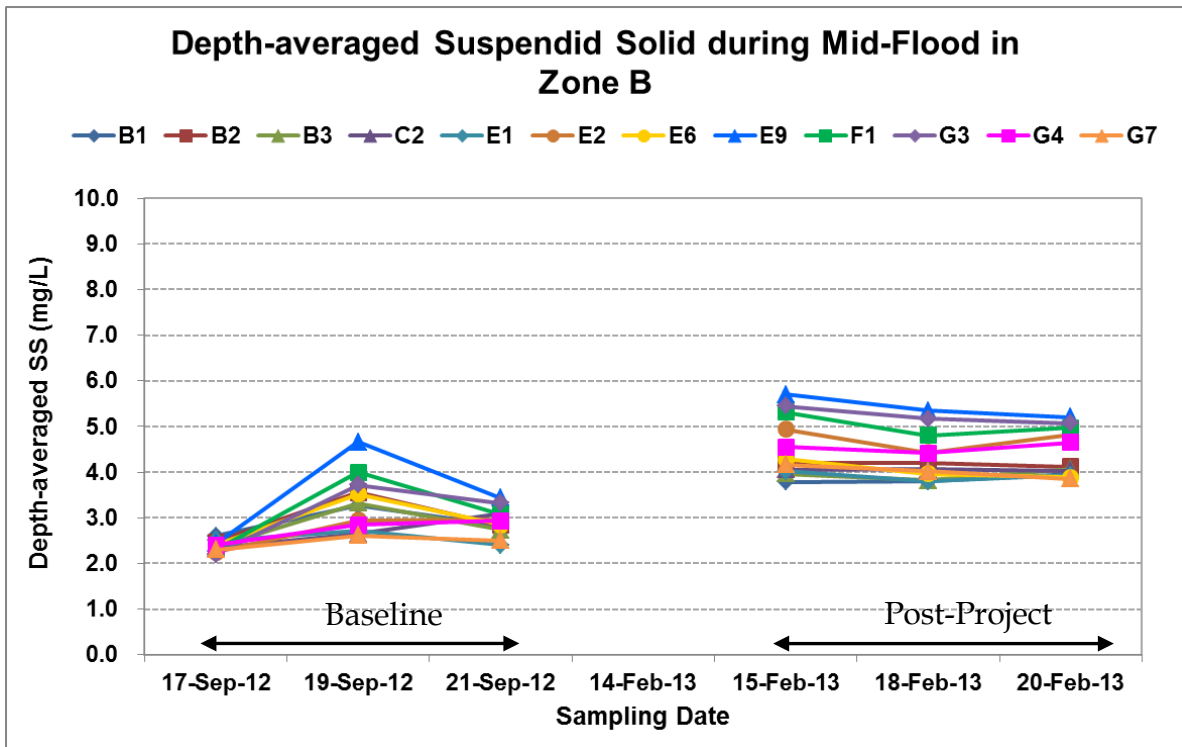
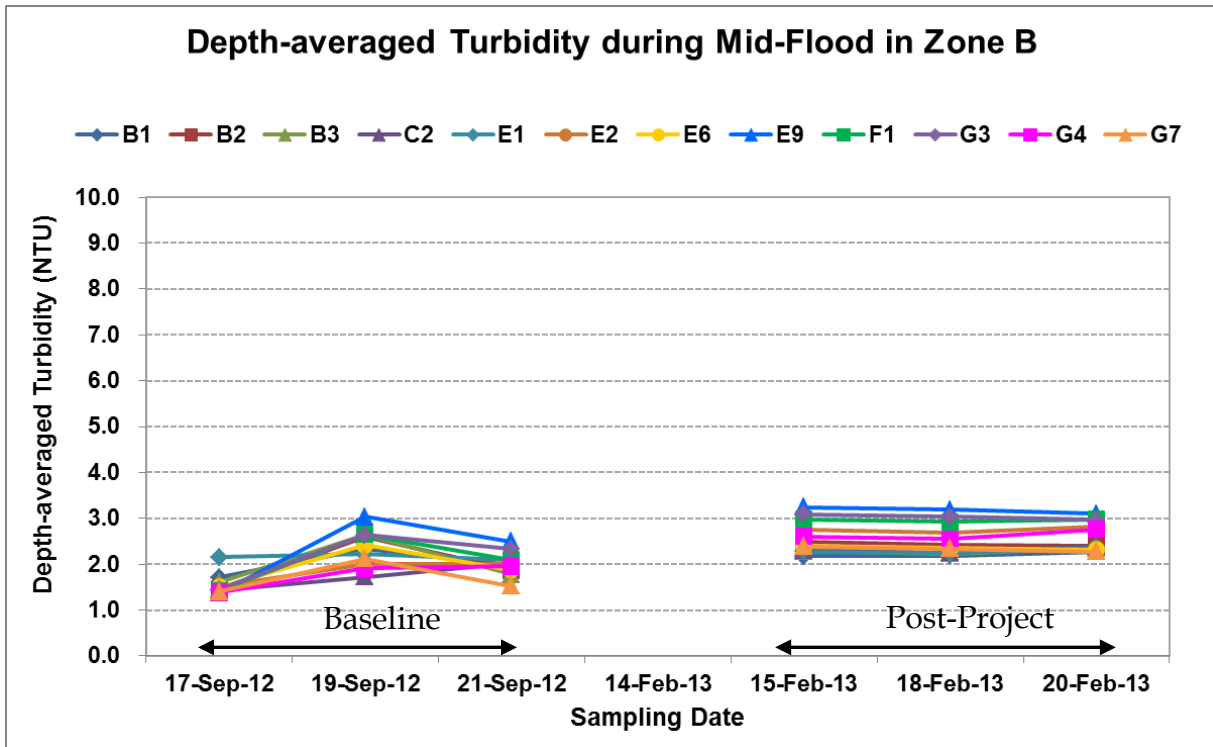
**Figure C7** Dissolved oxygen (mg/L) at surface and mid-depth of water column measured during mid-flood in Zone B





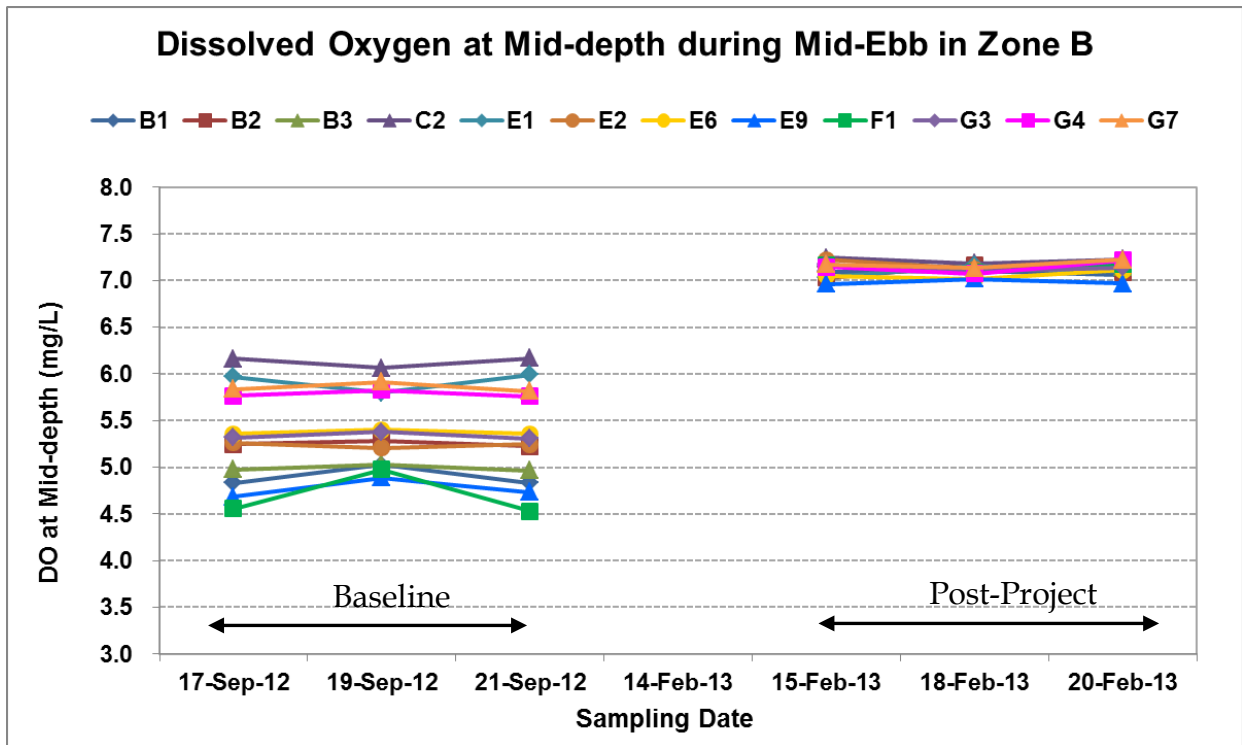
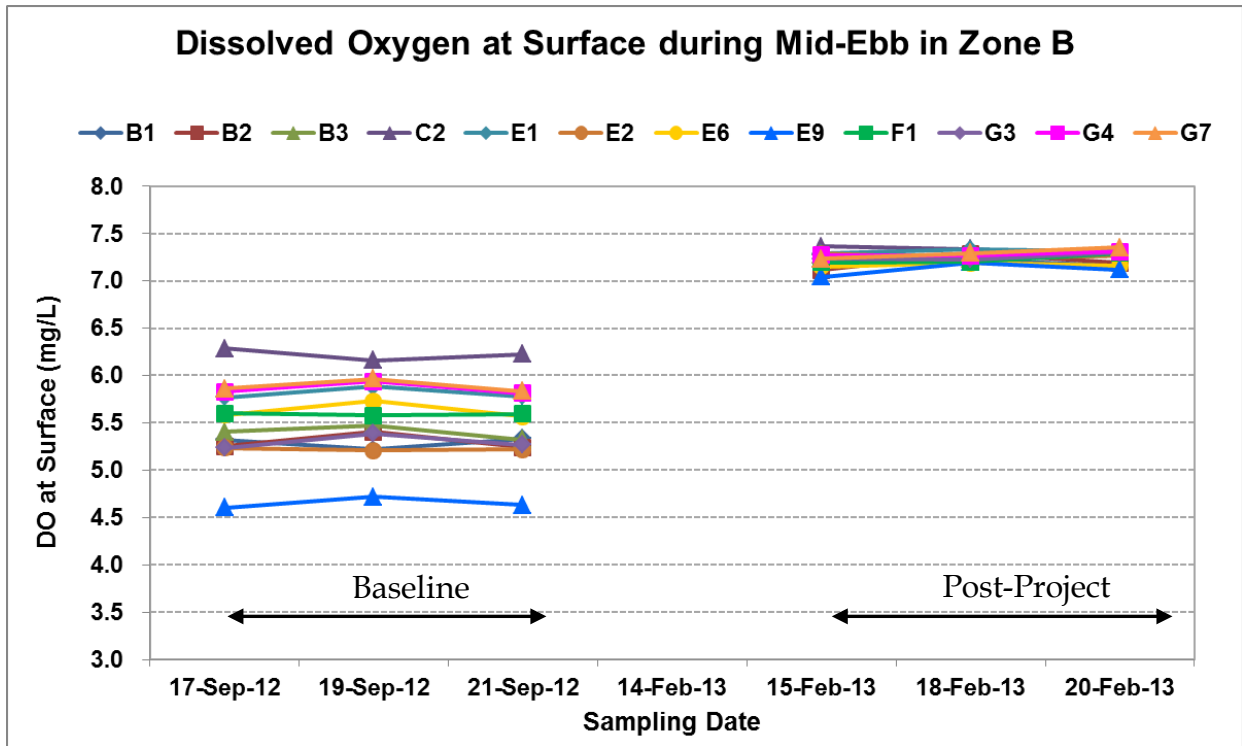
**Figure C8** Dissolved oxygen (mg/L) at bottom of water column measured during mid-flood in Zone B





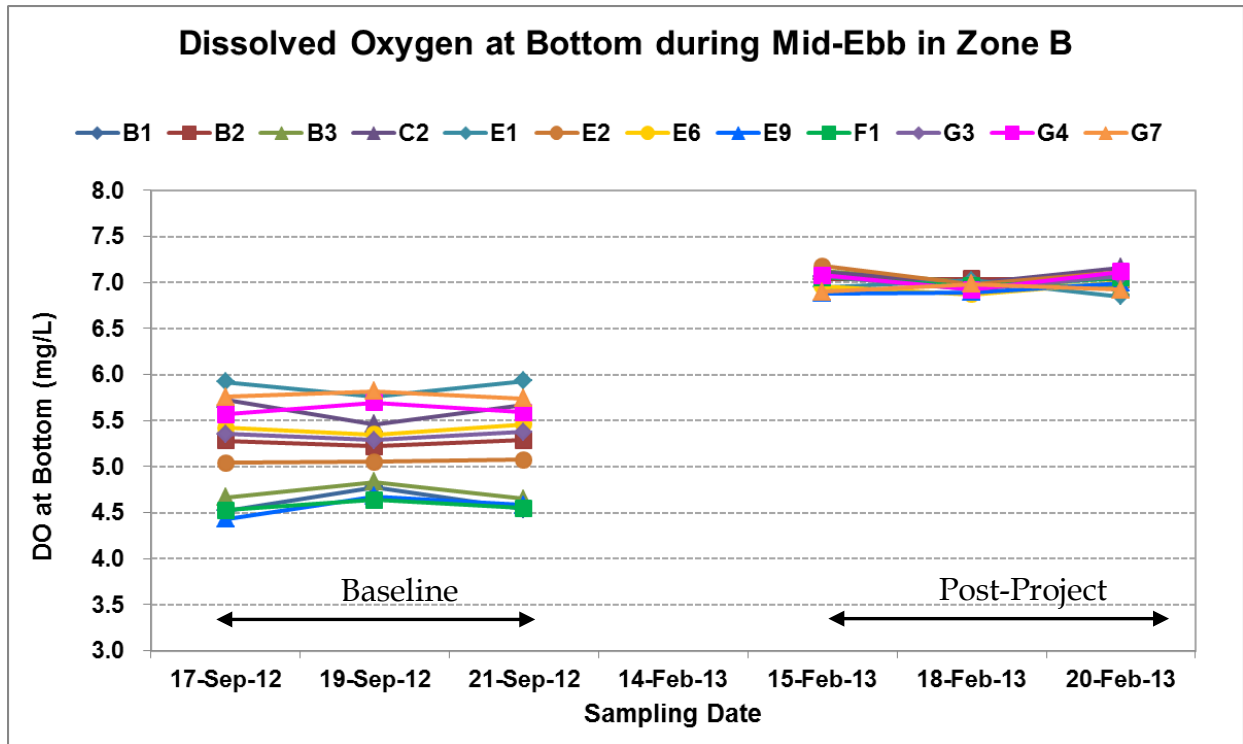
**Figure C9** Depth-averaged Turbidity (NTU) and Depth-averaged Suspended Solid (mg/L) during mid-flood in Zone B





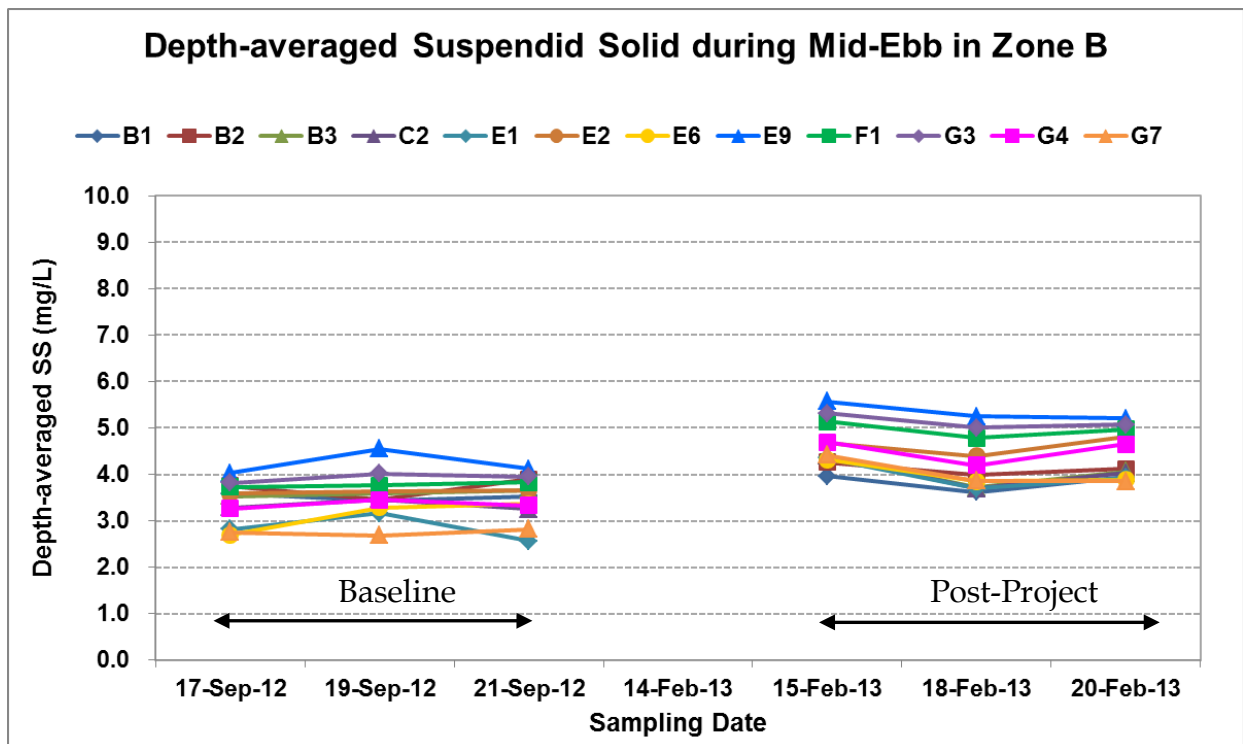
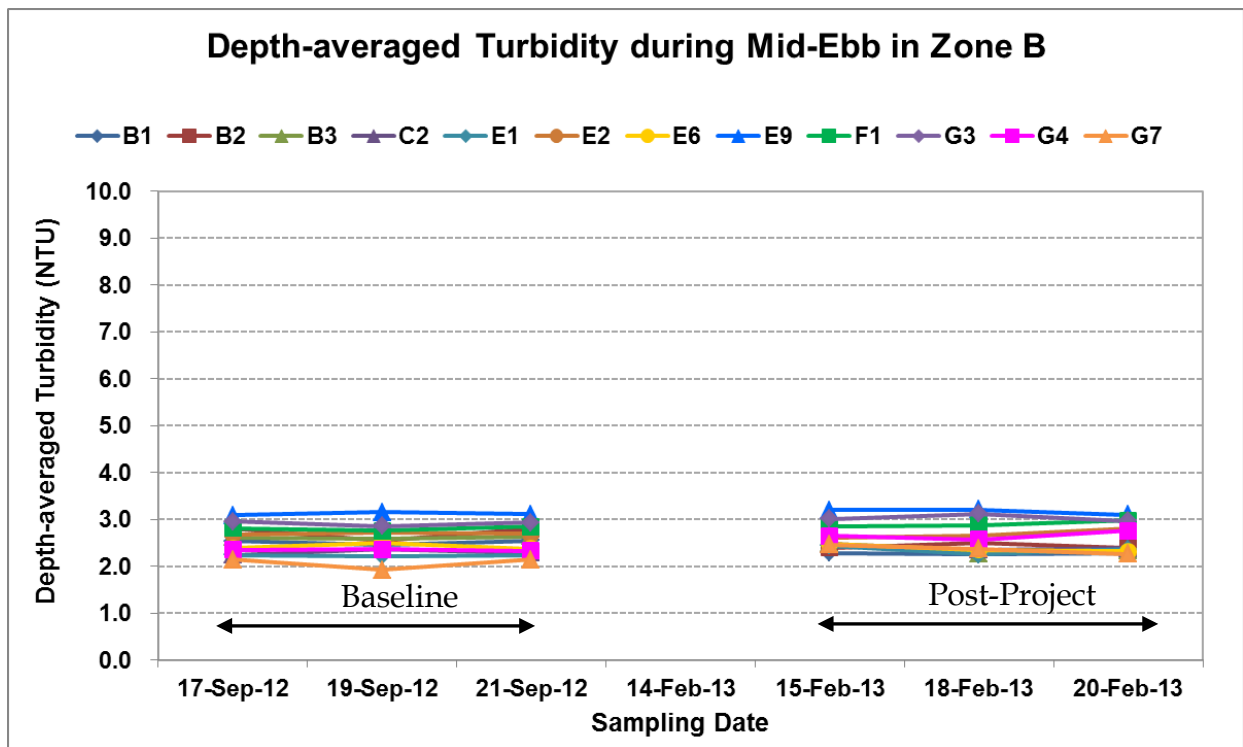
**Figure C10** Dissolved oxygen (mg/L) at surface and mid-depth of water column measured during mid-ebb in Zone B





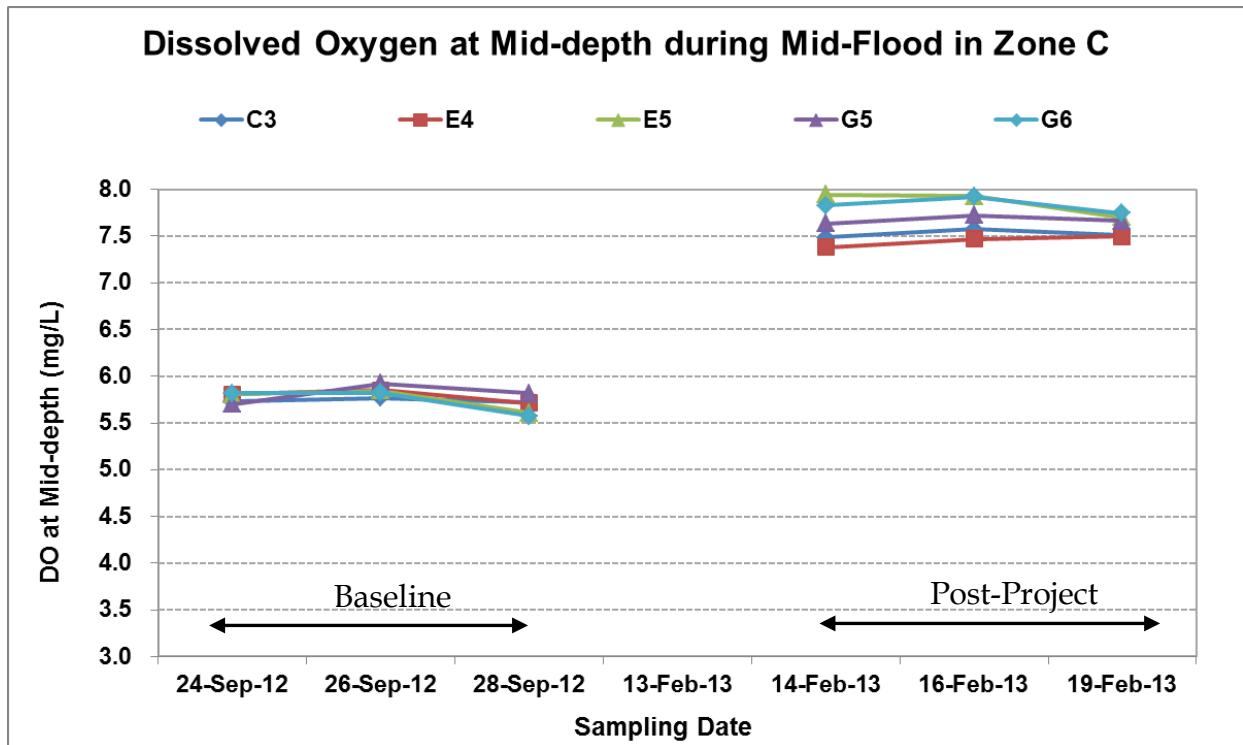
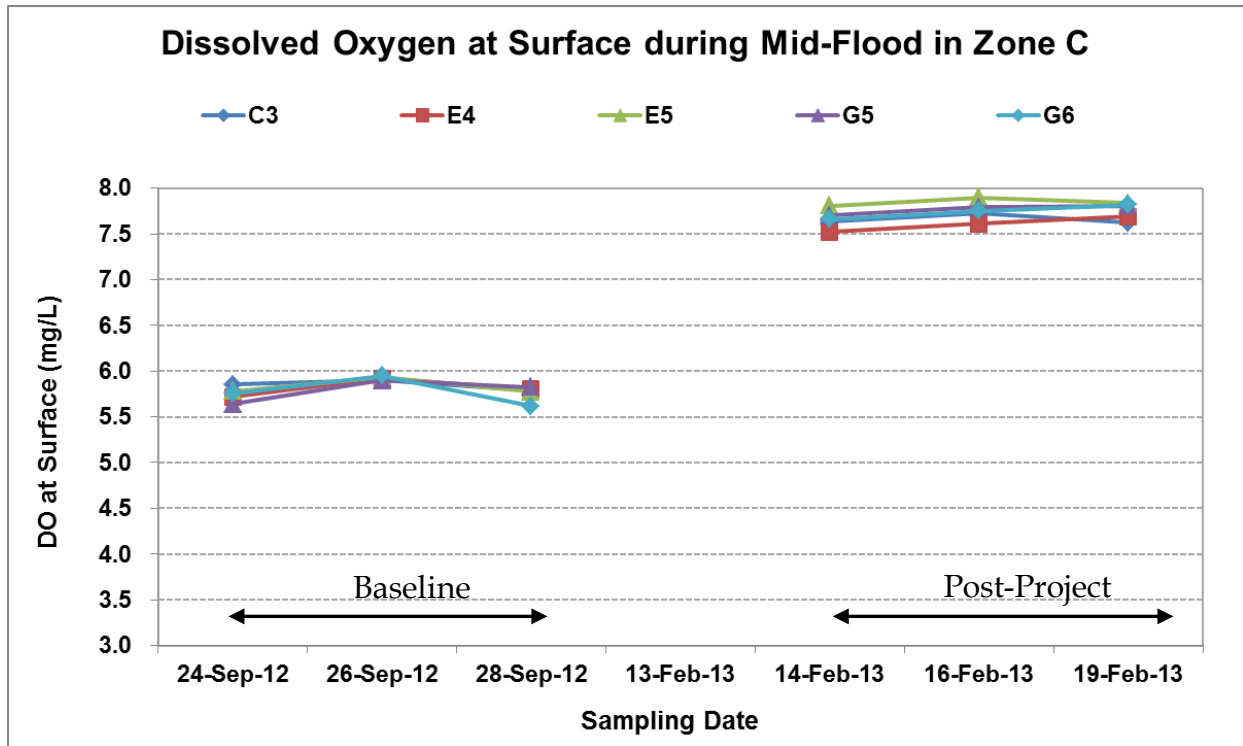
**Figure C11** Dissolved oxygen (mg/L) at bottom of water column measured during mid-ebb in Zone B





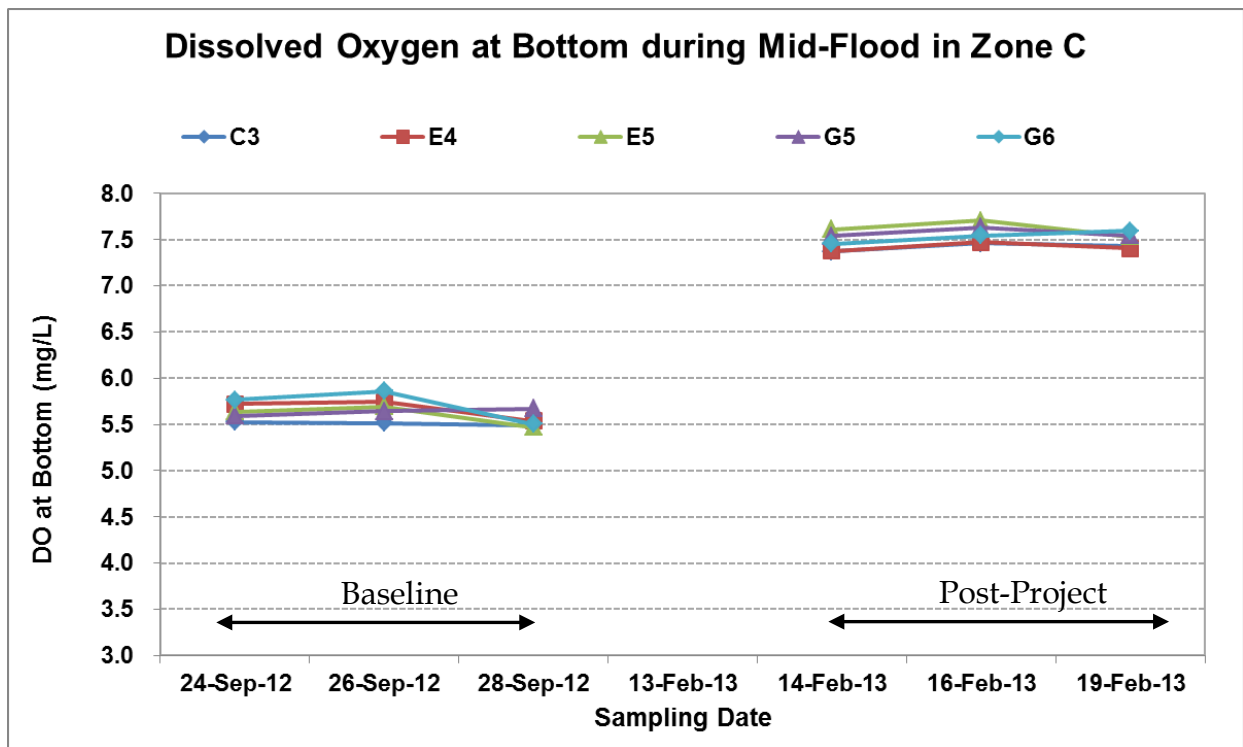
**Figure C12** Depth-averaged Turbidity (NTU) and Depth-averaged Suspended Solid (mg/L) during mid-ebb in Zone B





**Figure C13** Dissolved oxygen (mg/L) at surface and mid-depth of water column measured during mid-flood in Zone C

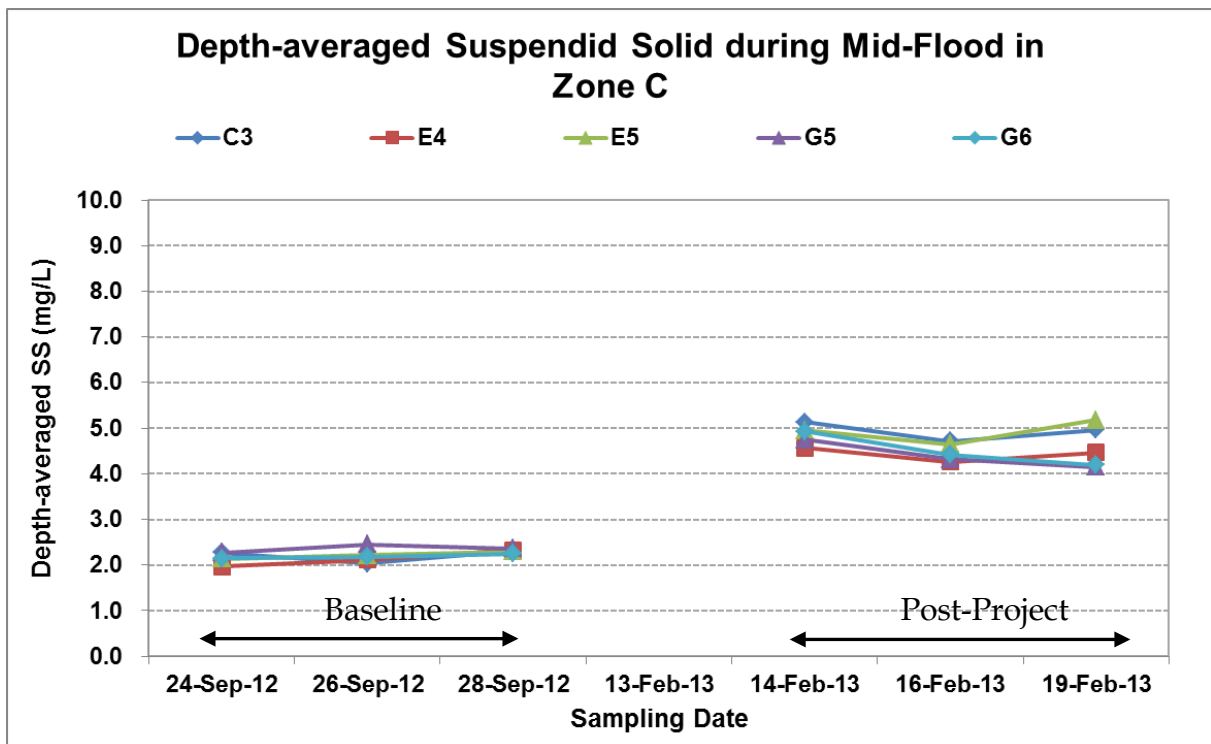
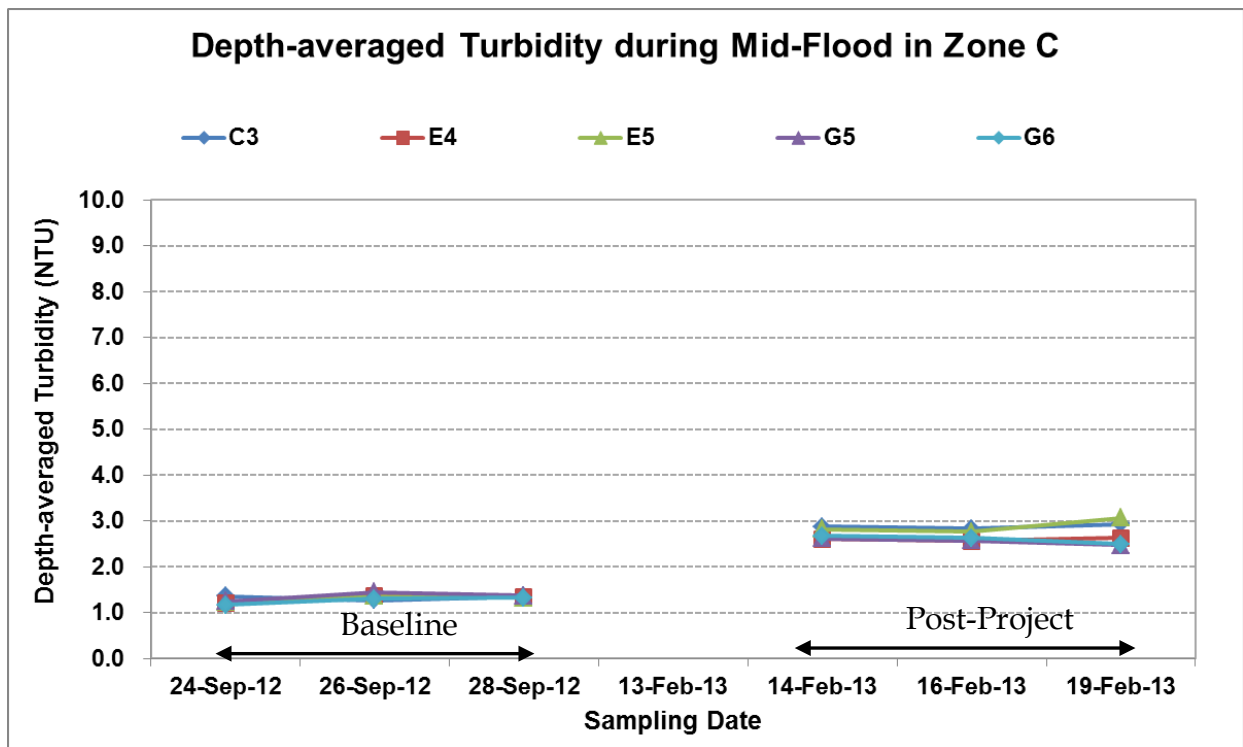




**Figure C14** Dissolved oxygen (mg/L) at bottom of water column measured during mid-flood in Zone C

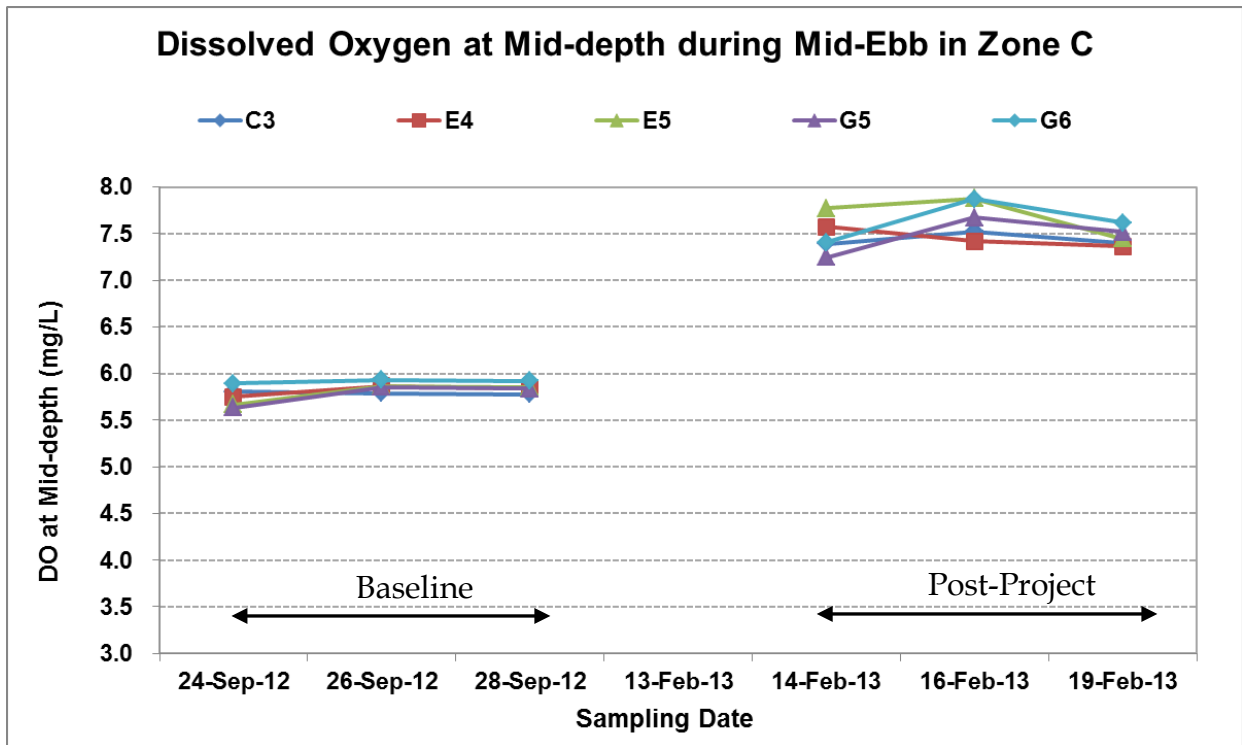
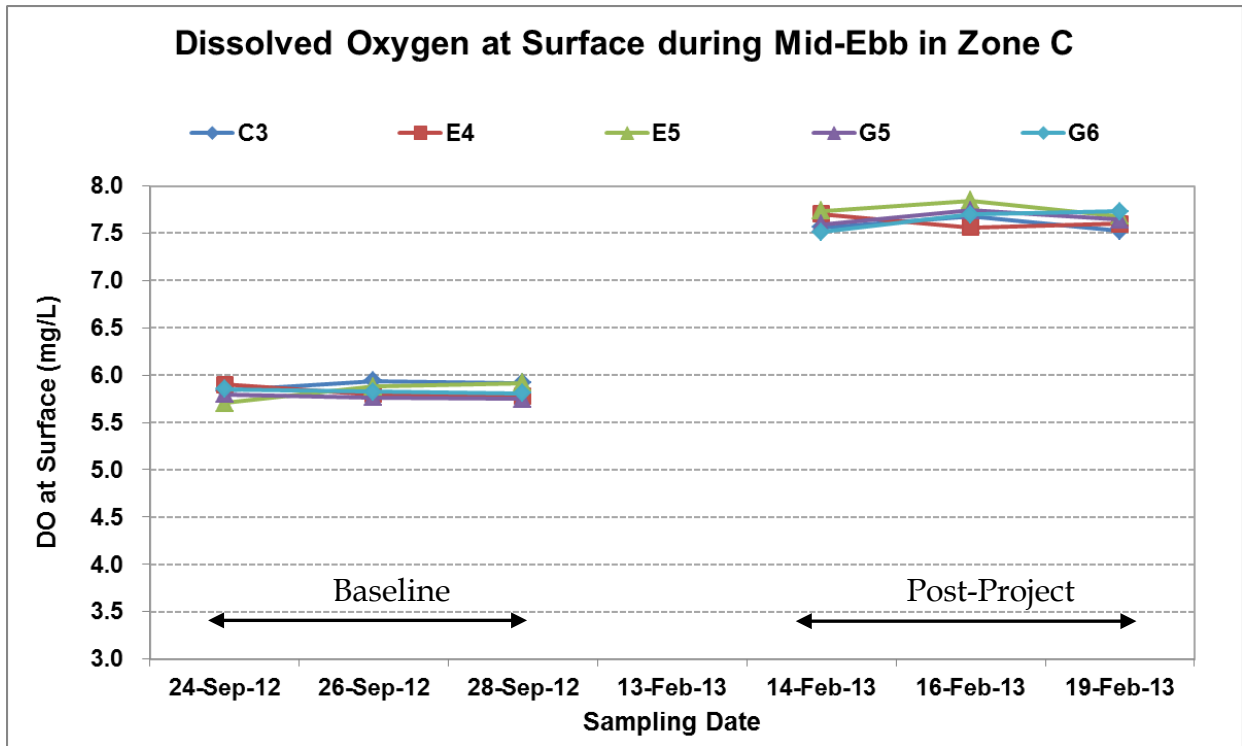






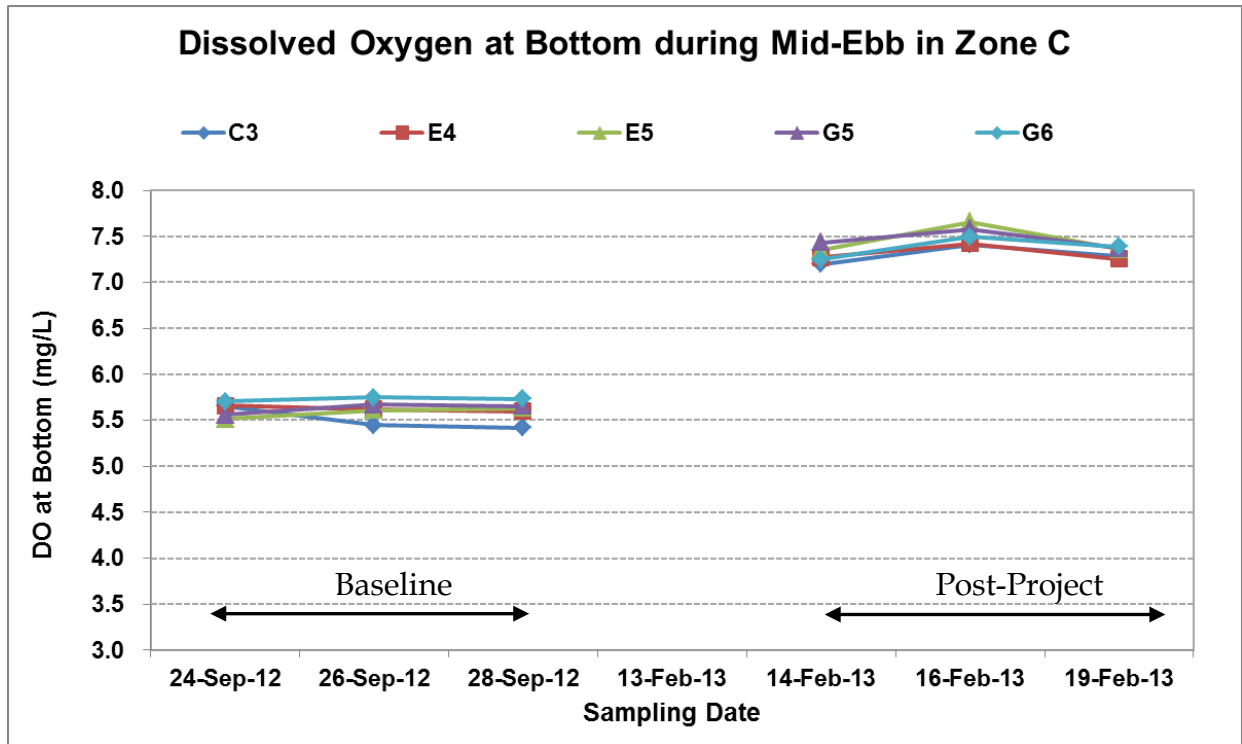
**Figure C15** Depth-averaged Turbidity (NTU) and Depth-averaged Suspended Solid (mg/L) during mid-flood in Zone C





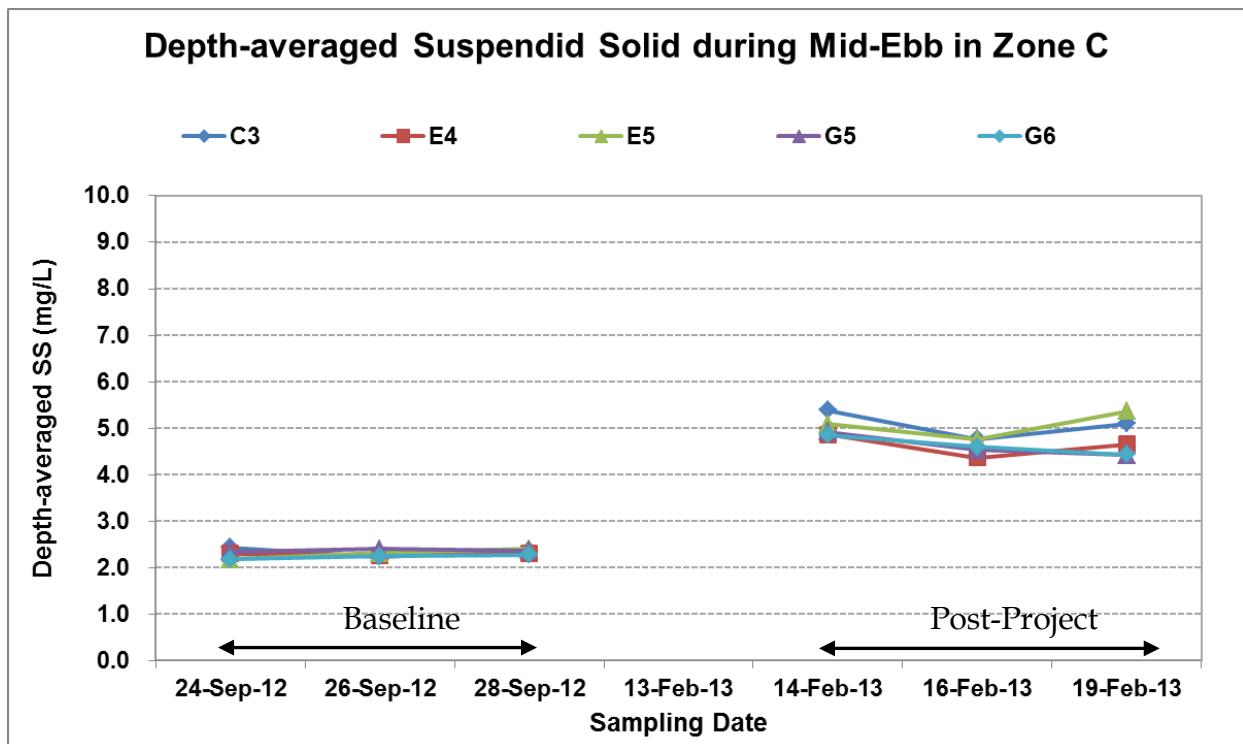
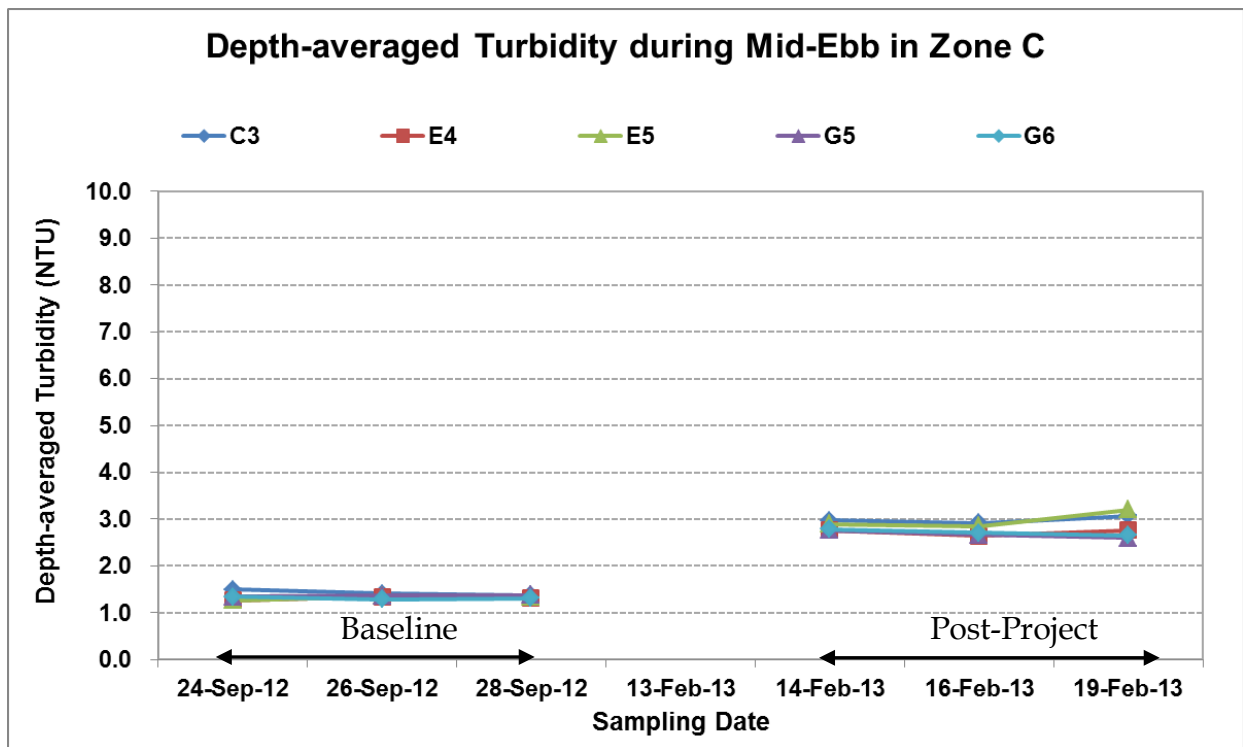
**Figure C16** Dissolved oxygen (mg/L) at surface and mid-depth of water column measured during mid-ebb in Zone C





**Figure C17** Dissolved oxygen (mg/L) at bottom of water column measured during mid-ebb in Zone C





**Figure C18** Depth-averaged Turbidity (NTU) and Depth-averaged Suspended Solid (mg/L) during mid-ebb in Zone C

