

Figure 1: Levels of pH (mean +SD) recorded from Water Quality Monitoring during Capping of ESC CMPs in June 2015.

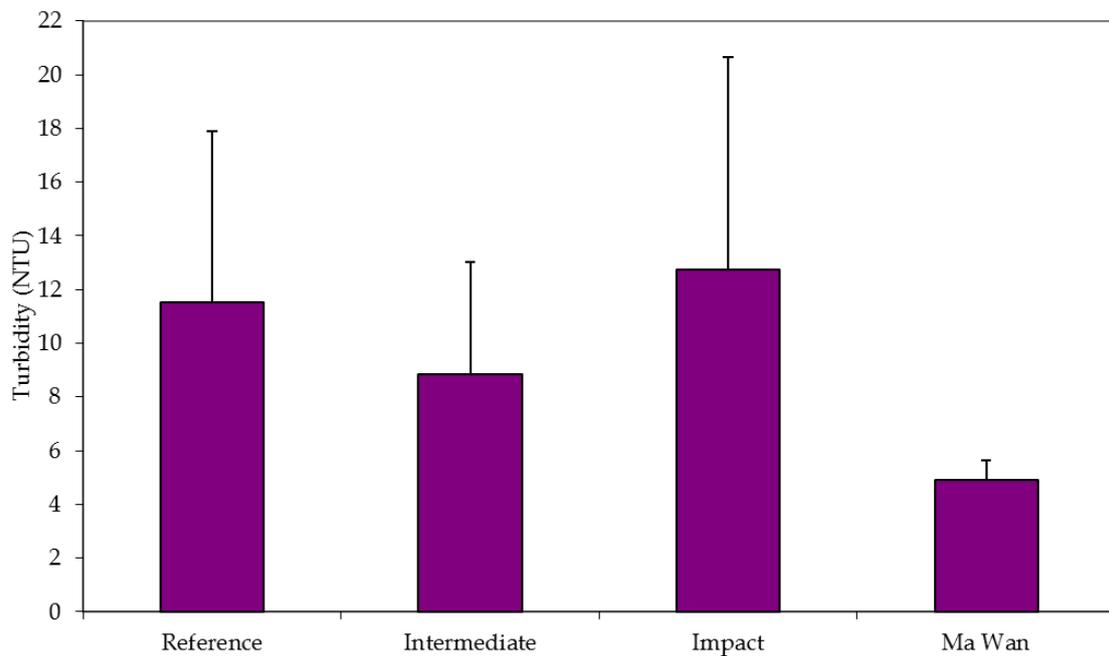


Figure 2: Levels of Turbidity (NTU; mean +SD) recorded from Water Quality Monitoring during Capping of ESC CMPs in June 2015.

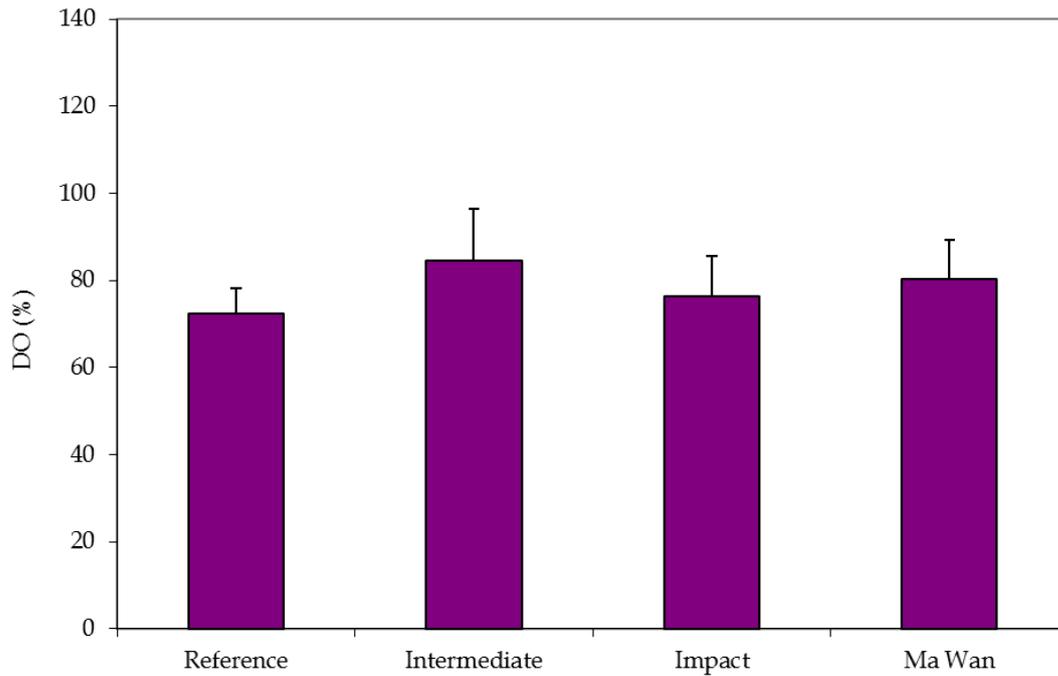


Figure 3: Levels of Dissolved Oxygen (% saturation; mean +SD) recorded from Water Quality Monitoring during Capping of ESC CMPs in June 2015.

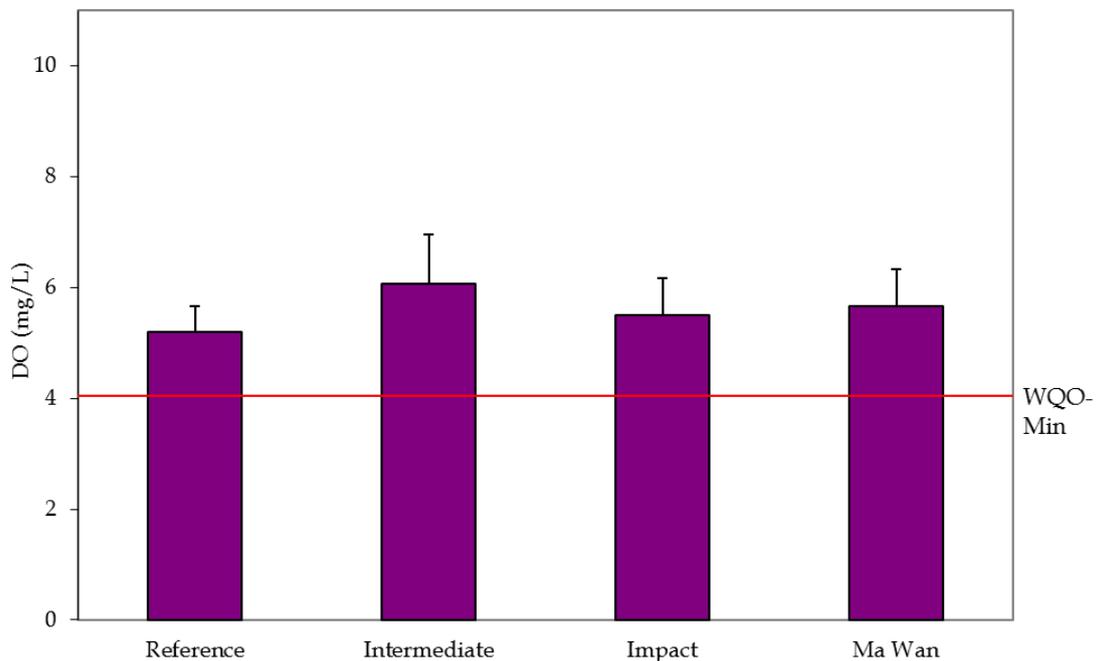


Figure 4: Levels of Dissolved Oxygen (mg/L; mean +SD) recorded from Water Quality Monitoring during Capping of ESC CMPs in June 2015.

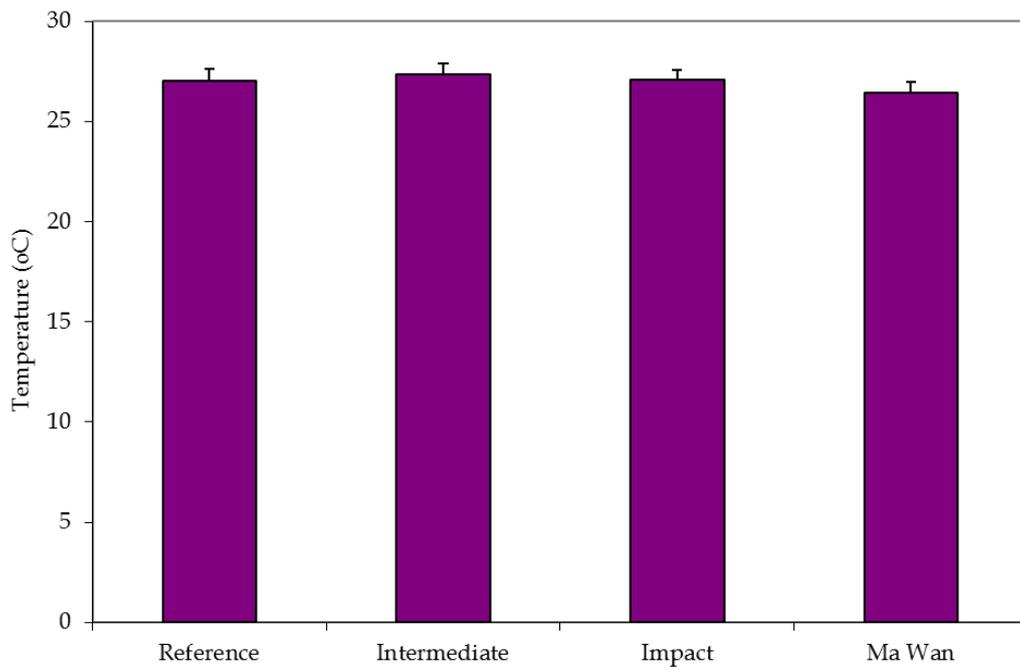


Figure 5: Levels of Temperature (°C; mean +SD) recorded from Water Quality Monitoring during Capping of ESC CMPs in June 2015.

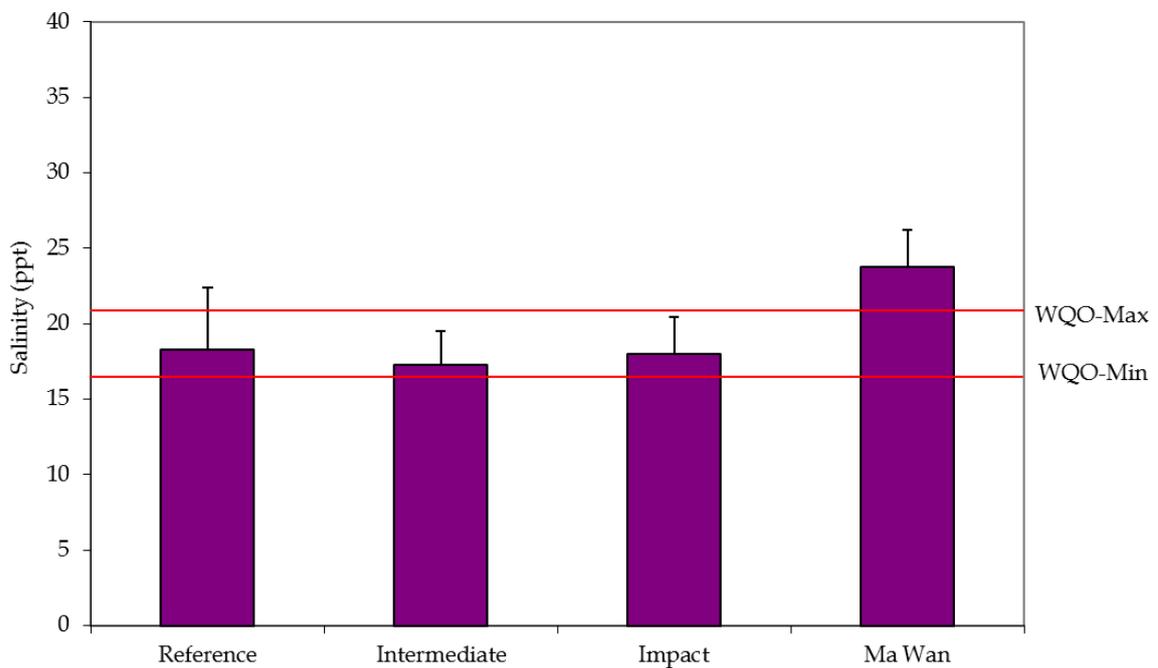


Figure 6: Levels of salinity (ppt; mean +SD) recorded from Water Quality Monitoring during Capping of ESC CMPs in June 2015.

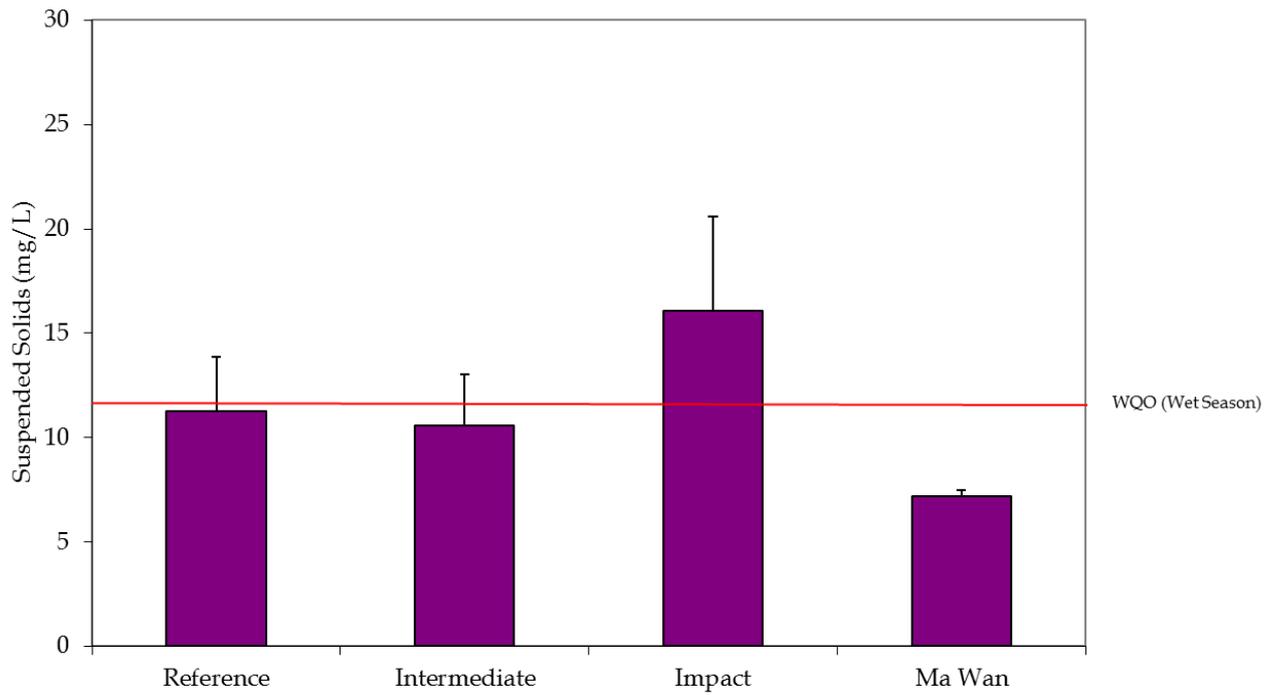


Figure 7: Levels of Suspended Solids (mg/L; mean +SD) recorded from Water Quality Monitoring during Capping of ESC CMPs in June 2015.

**Pit Specific Sediment Chemistry for Metal and Metalloid Contaminants at SB CMP 2
May 2015**

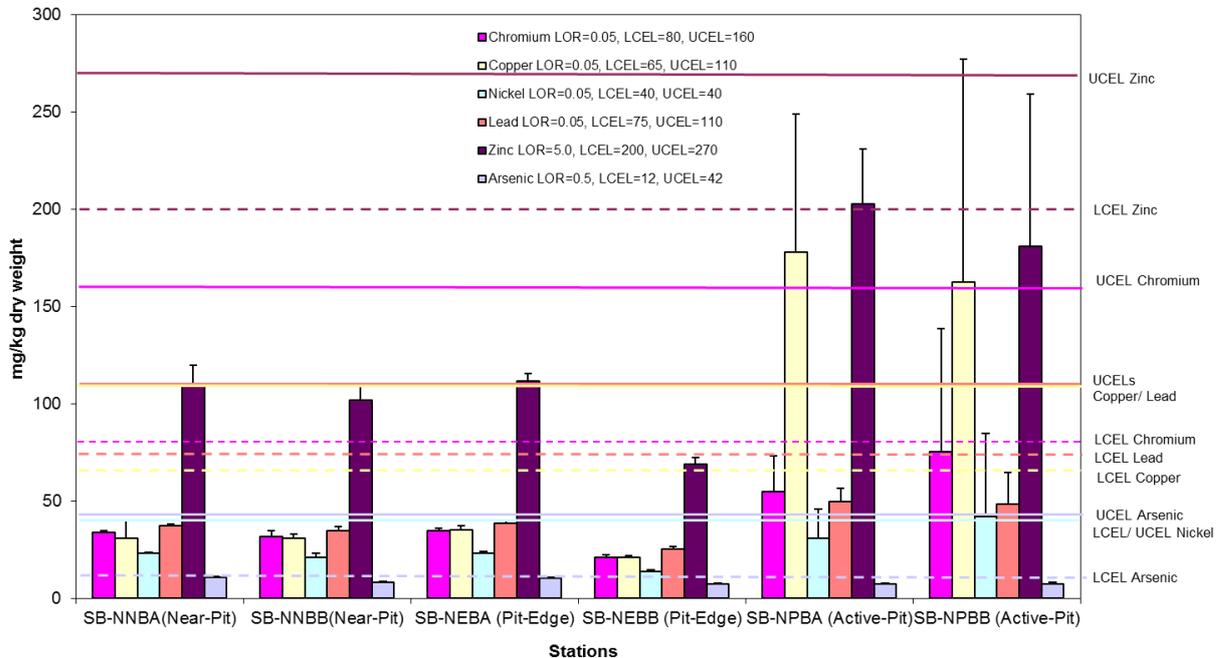


Figure 8: Concentration of Metals (Cr, Cu, Ni, Pb, Zn, As; mg/kg dry weight; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for CMP 2 in May 2015.

**Pit Specific Sediment Chemistry for Metal Contaminants at SB CMP 2
May 2015**

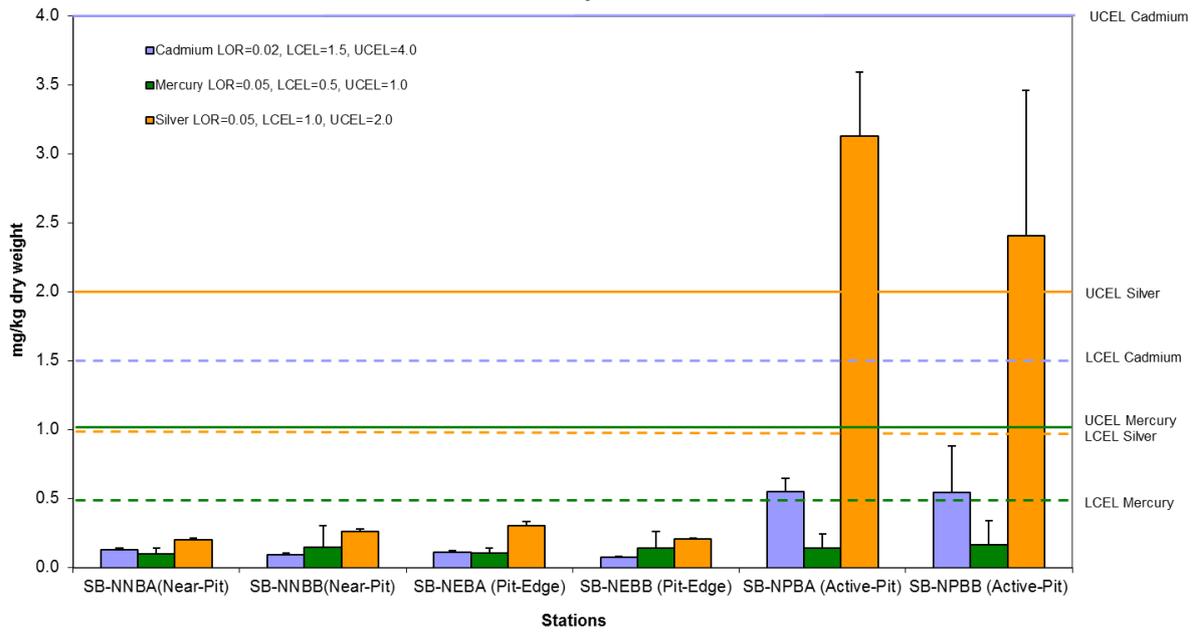


Figure 9: Concentration of Metals (Cd, Hg, Ag; mg/kg dry weight; mean +SD) in sediment samples collected from *Pit Specific Sediment Chemistry Monitoring* for CMP 2 in May 2015.

**Pit Specific Sediment Chemistry for Total Organic Carbon (TOC) at SB CMP 2
May 2015**

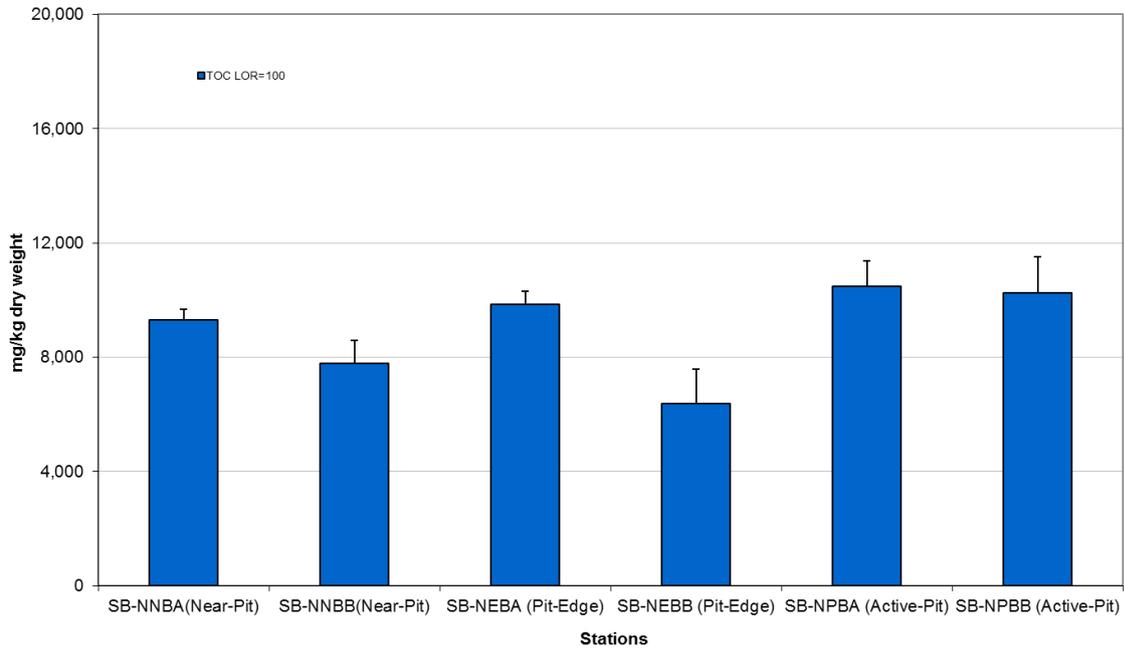


Figure 10: Concentration of Total Organic Carbon (mg/kg dry weight; mean +SD) in sediment samples collected from *Pit Specific Sediment Chemistry Monitoring* for CMP 2 in May 2015.

**Pit Specific Sediment Chemistry for Tributyltin (TBT) at SB CMP 2
May 2015**

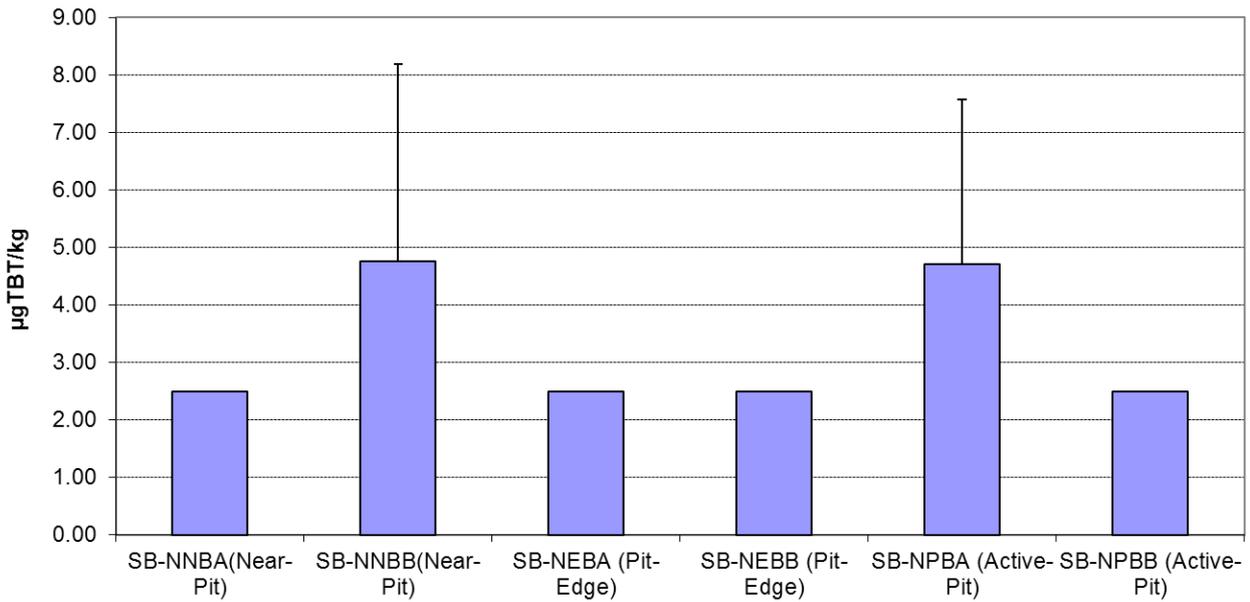


Figure 11: Concentration of Tributyltin ($\mu\text{g TBT/kg}$; mean +SD) in sediment samples collected from *Pit Specific Sediment Chemistry Monitoring* for CMP 2 in May 2015.

Pit Specific Sediment Chemistry for Low and High Molecular Weight Polycyclic Aromatics Hydrocarbons (PAHs) at CMP 2 in May 2015

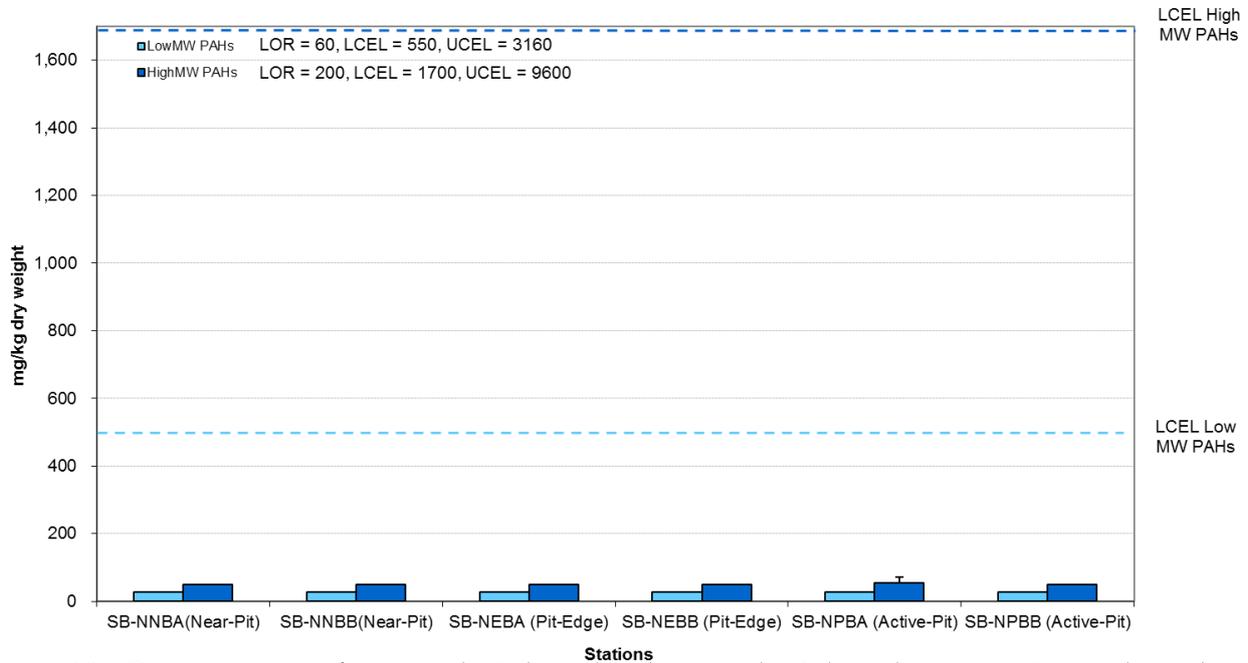


Figure 12: Concentration of Low and High Molecular Weight Polycyclic Aromatics Hydrocarbons (mg/kg dry weight ; mean +SD) in sediment samples collected from *Pit Specific Sediment Chemistry Monitoring* for CMP 2 in May 2015.

Source: H:\Team\EM\GMS Projects\0175086 CEDD EM&A for South Brothers\02 Deliverable\07 CMP Monthly Report\34th (June 2015)

Date: 14/7/2015

**Environmental
Resources
Management**



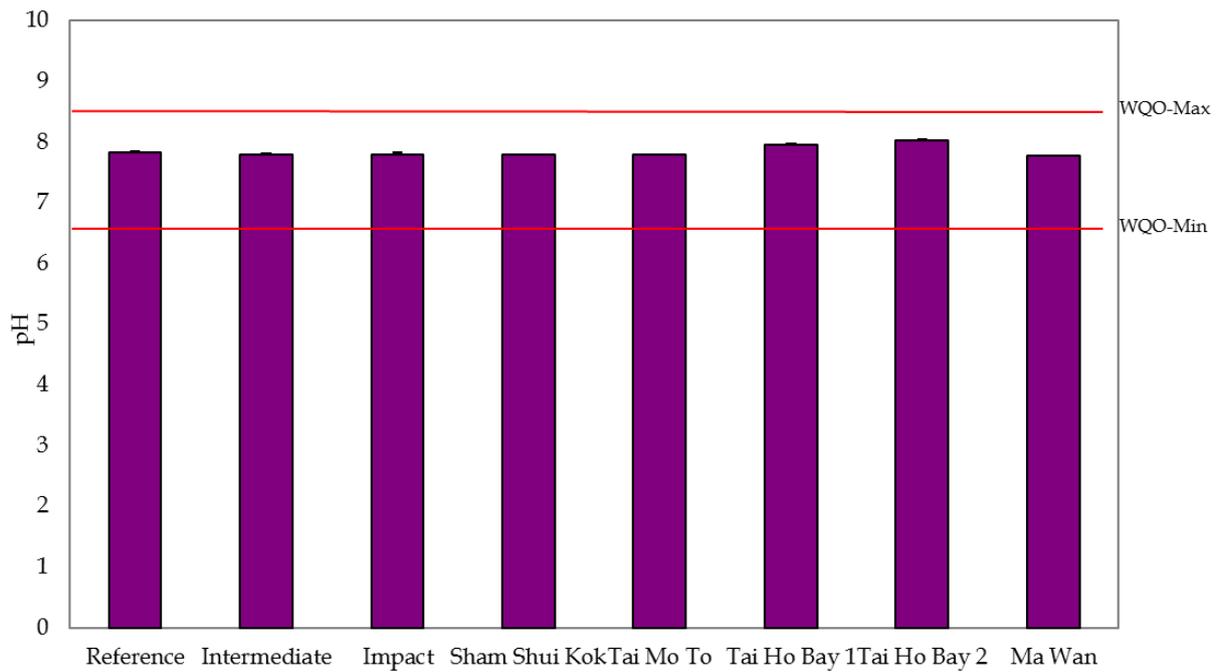


Figure 13: Level of pH (mean + SD) recorded from Water Quality Monitoring during Capping for SB CMP 1 in June 2015.

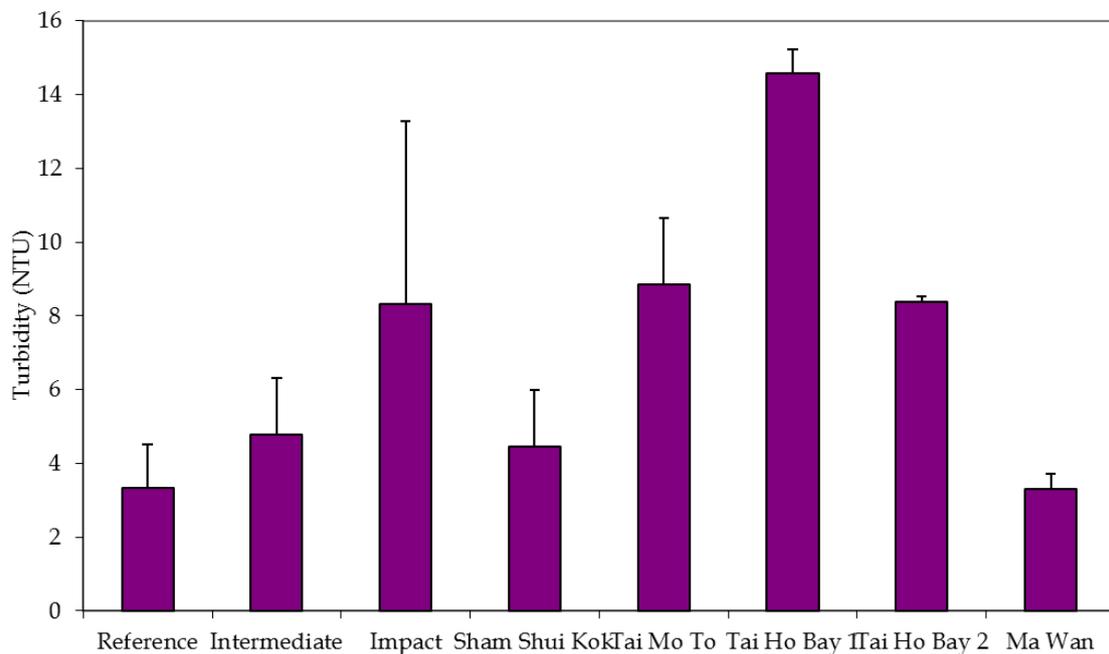


Figure 14: Level of Turbidity (NTU; mean + SD) recorded from Water Quality Monitoring during Capping for SB CMP 1 in June 2015.

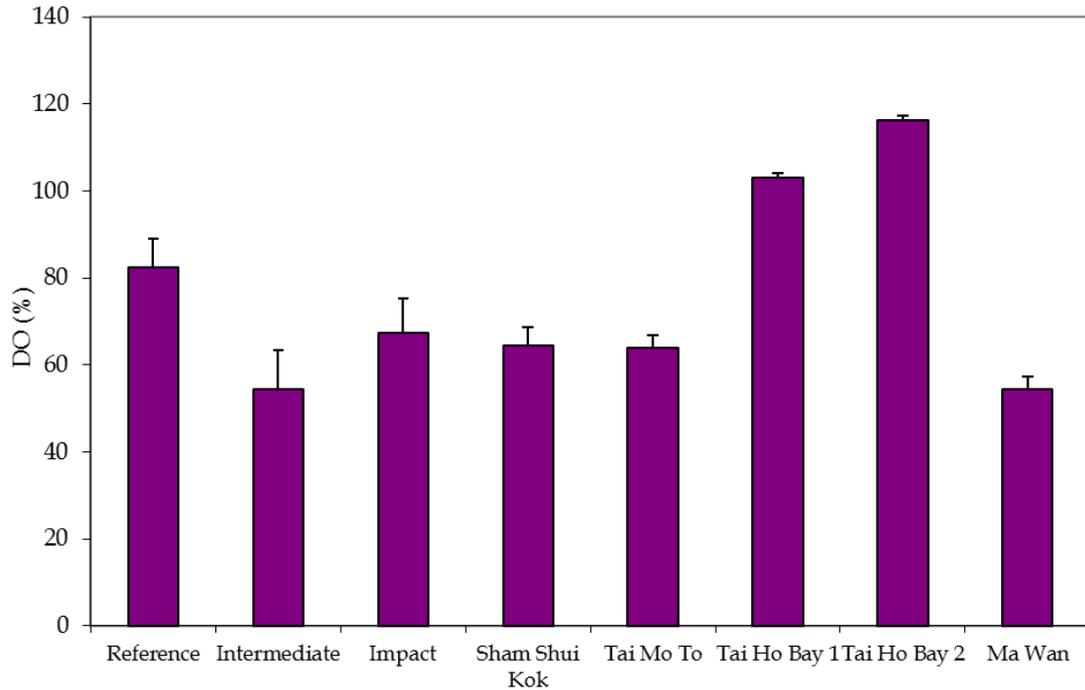


Figure 15: Level of Dissolved Oxygen (% saturation; mean + SD) recorded from Water Quality Monitoring during Capping for SB CMP 1 in June 2015.

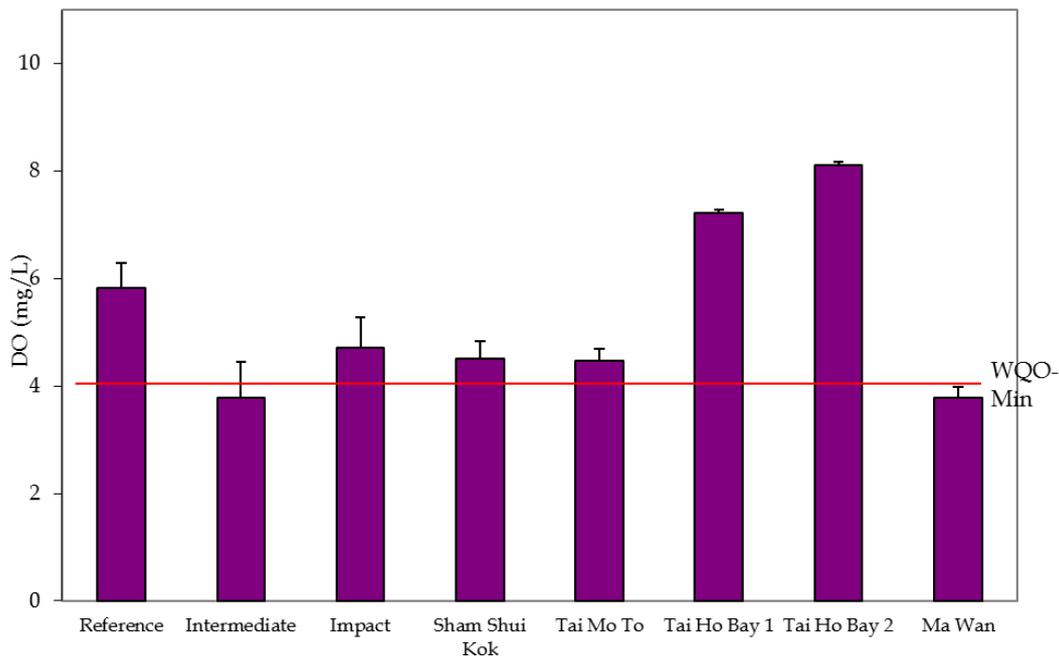


Figure 16: Level of Dissolved Oxygen (mg/L; mean + SD) recorded from Water Quality Monitoring during Capping for SB CMP 1 in June 2015.

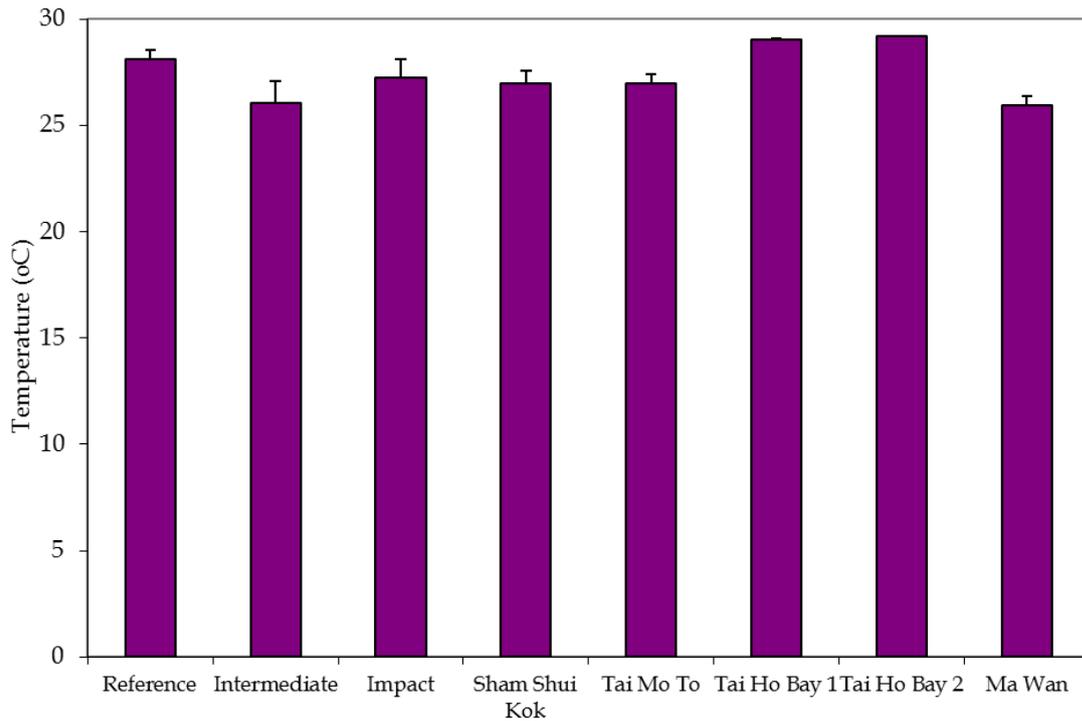


Figure 17: Level of Temperature (°C; mean + SD) recorded from Water Quality Monitoring during Capping for SB CMP 1 in June 2015.

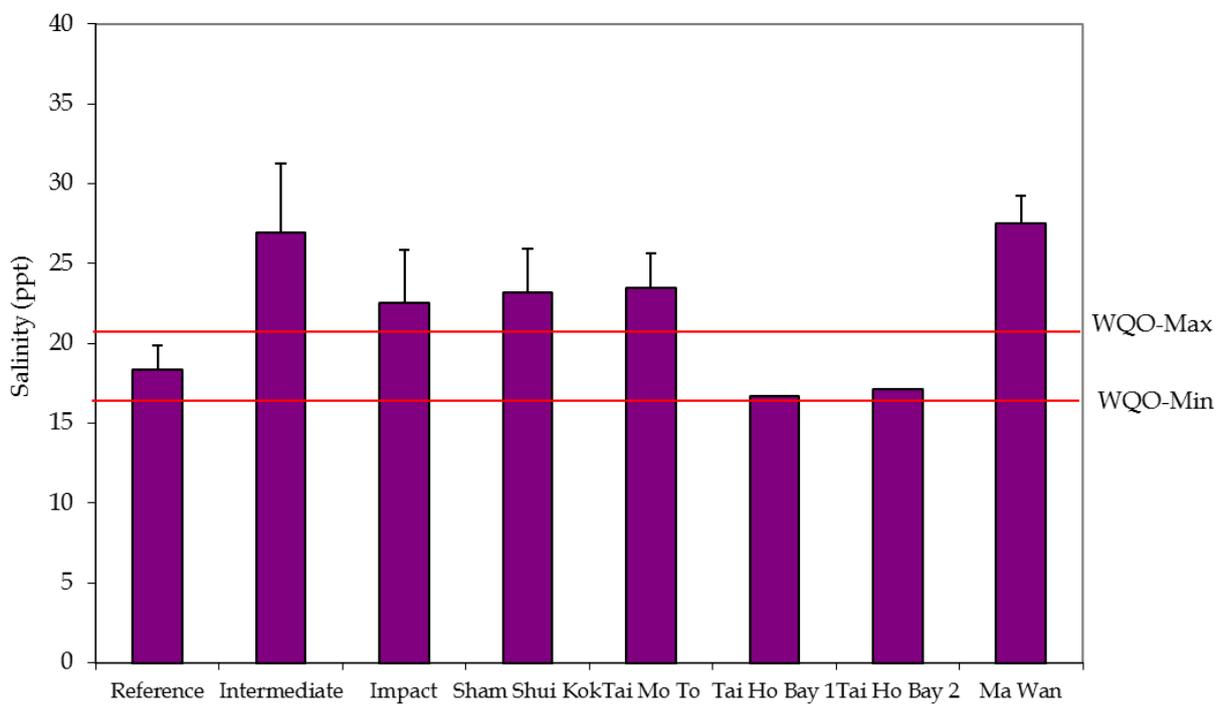


Figure 18: Level of Salinity (ppt; mean + SD) recorded from Water Quality Monitoring during Capping for SB CMP 1 in June 2015.

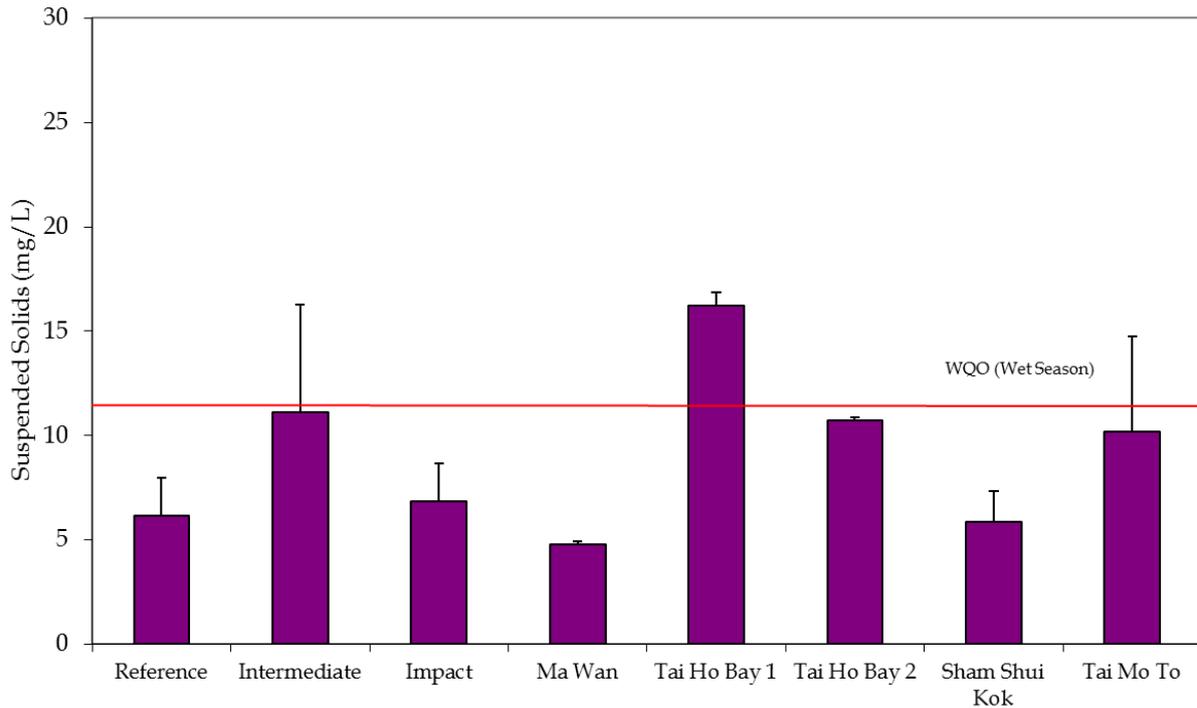


Figure 19: Level of Suspended Solids (mg/L; mean + SD) recorded from Water Quality Monitoring during Capping for SB CMP 1 in June 2015.

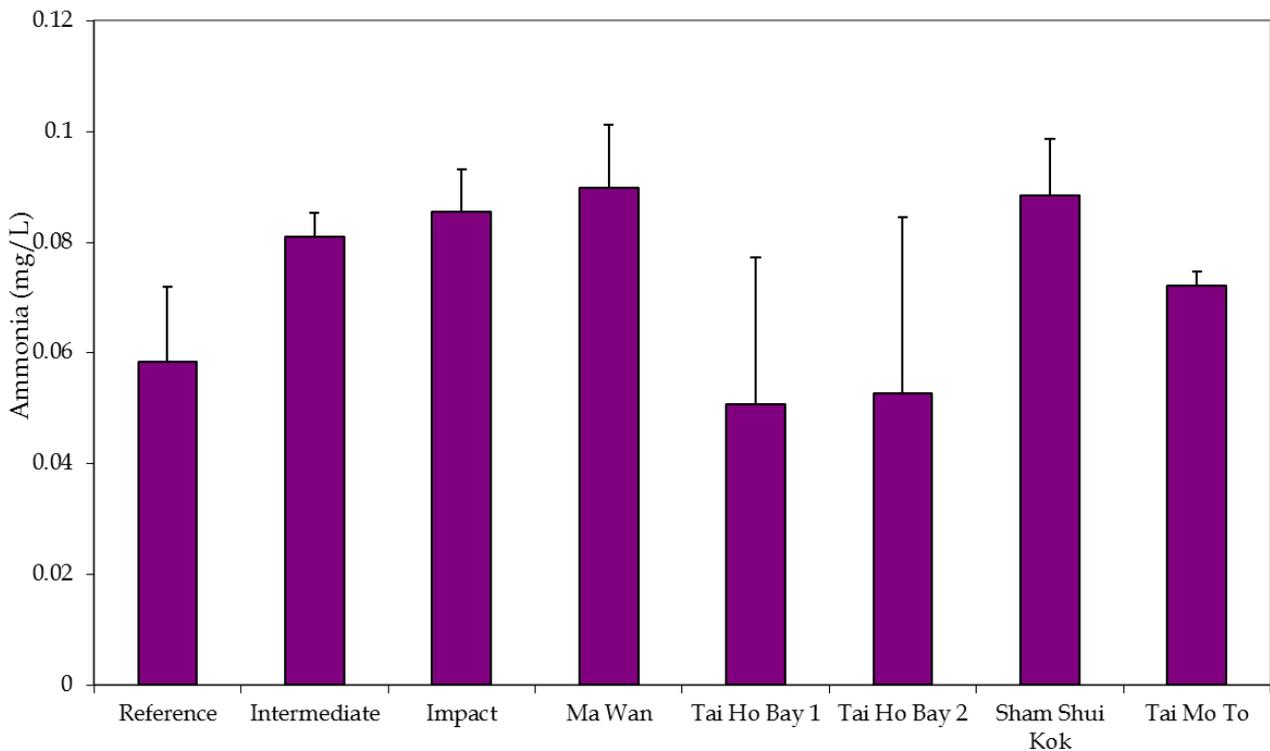


Figure 20: Level of Ammonia (mg/L; mean + SD) recorded from Water Quality Monitoring during Capping for SB CMP 1 in June 2015.

Source: H:\Team\EM\GMS Projects\0175086 CEDD EM&A for South Brothers\02 Deliverable\07 CMP Monthly Report\34th (June 2015)

Date: 14/7/2015

**Environmental
Resources
Management**



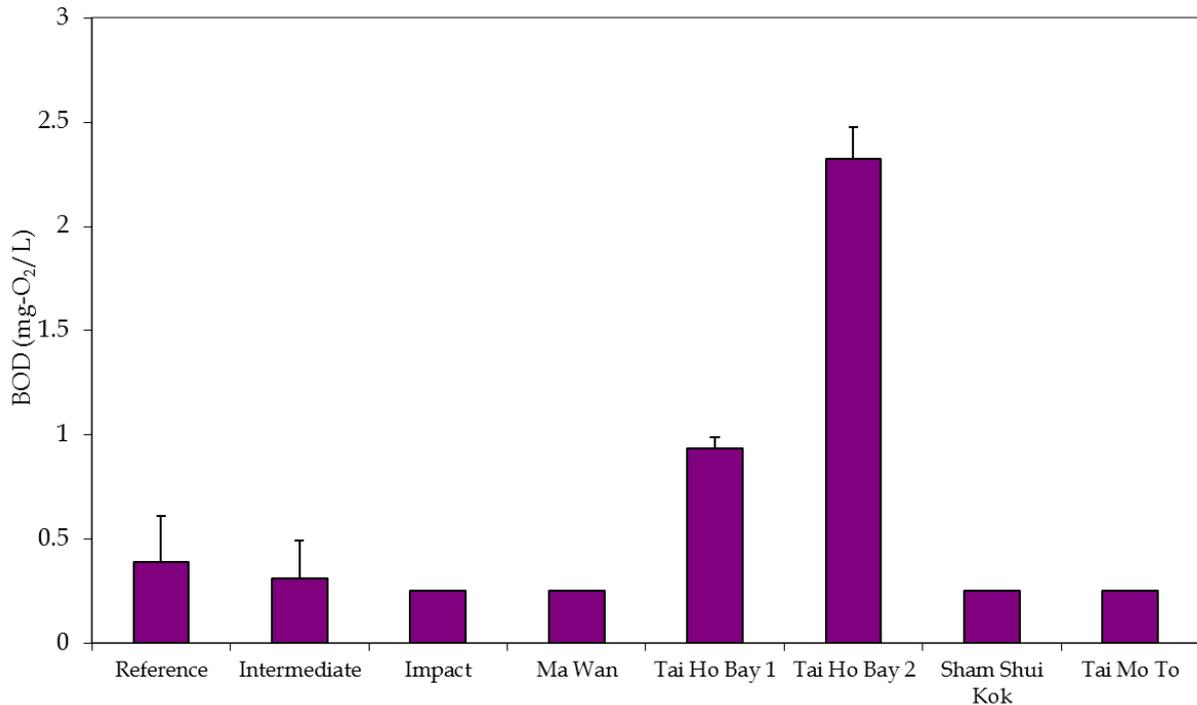


Figure 21: Level of BOD₅ (mg-O₂/L; mean + SD) recorded from Water Quality Monitoring during Capping for SB CMP 1 in June 2015.

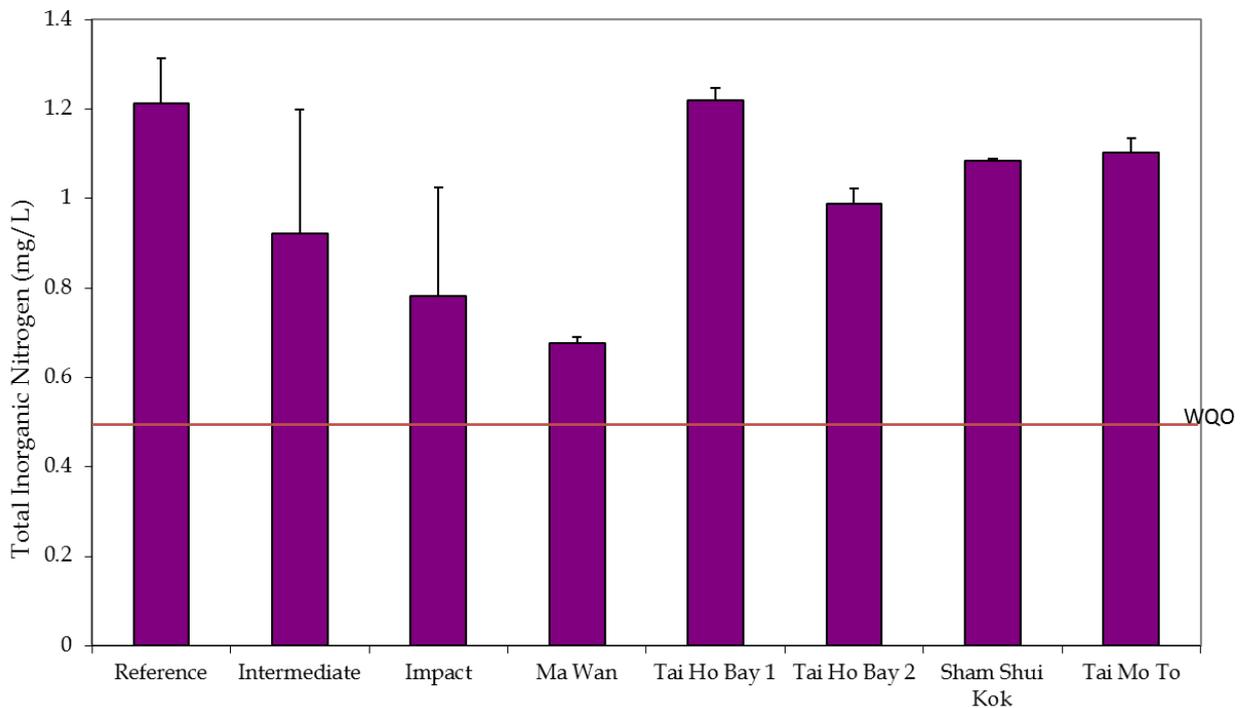


Figure 22: Level of TIN (mg/L; mean + SD) recorded from Water Quality Monitoring during Capping for SB CMP 1 in June 2015.

Source: H:\Team\EM\GMS Projects\0175086 CEDD EM&A for South Brothers\02 Deliverable\07 CMP Monthly Report\34th (June 2015)

Date: 14/7/2015

**Environmental
Resources
Management**

