

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

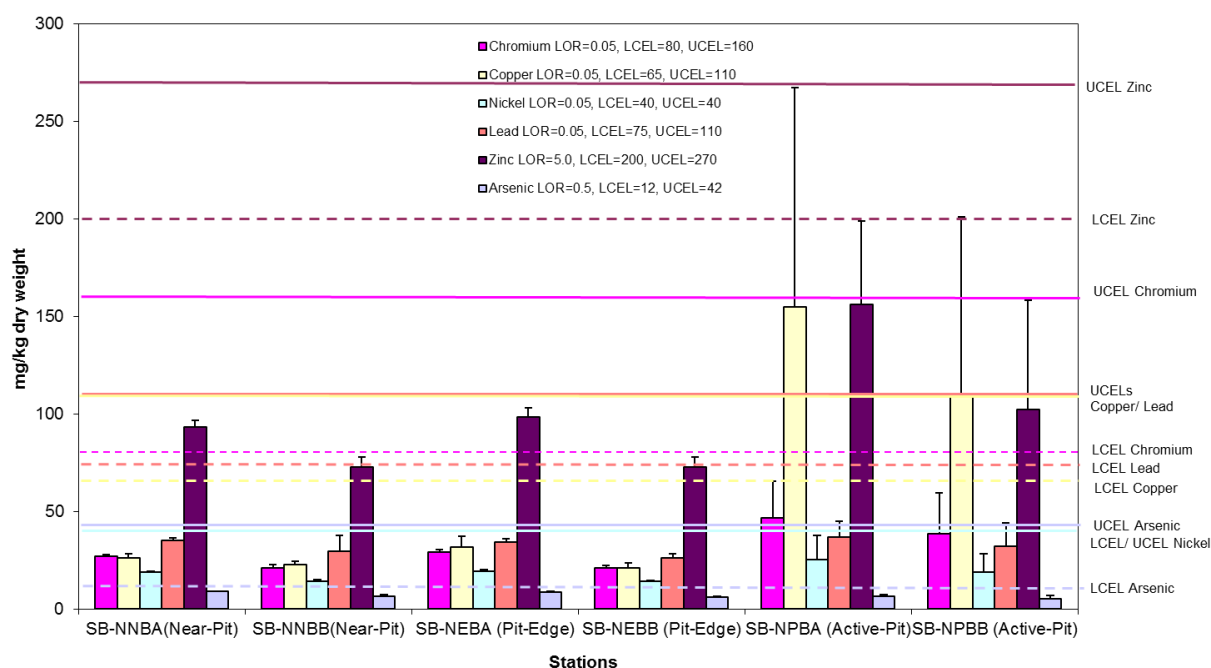


Figure 1: Concentration of Metals (Cr, Cu, Ni, Pb, Zn, As; mg/kg dry weight; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for CMP 2 in June 2015.

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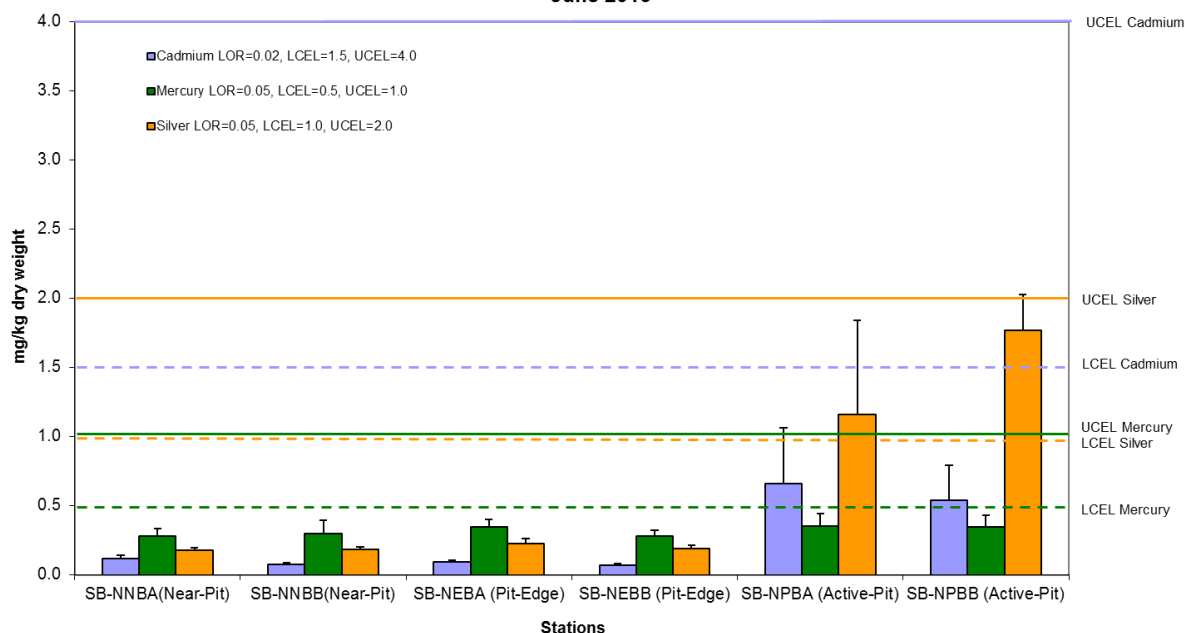


Figure 2: Concentration of Metals (Cd, Hg, Ag; mg/kg dry weight; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for CMP 2 in June 2015.

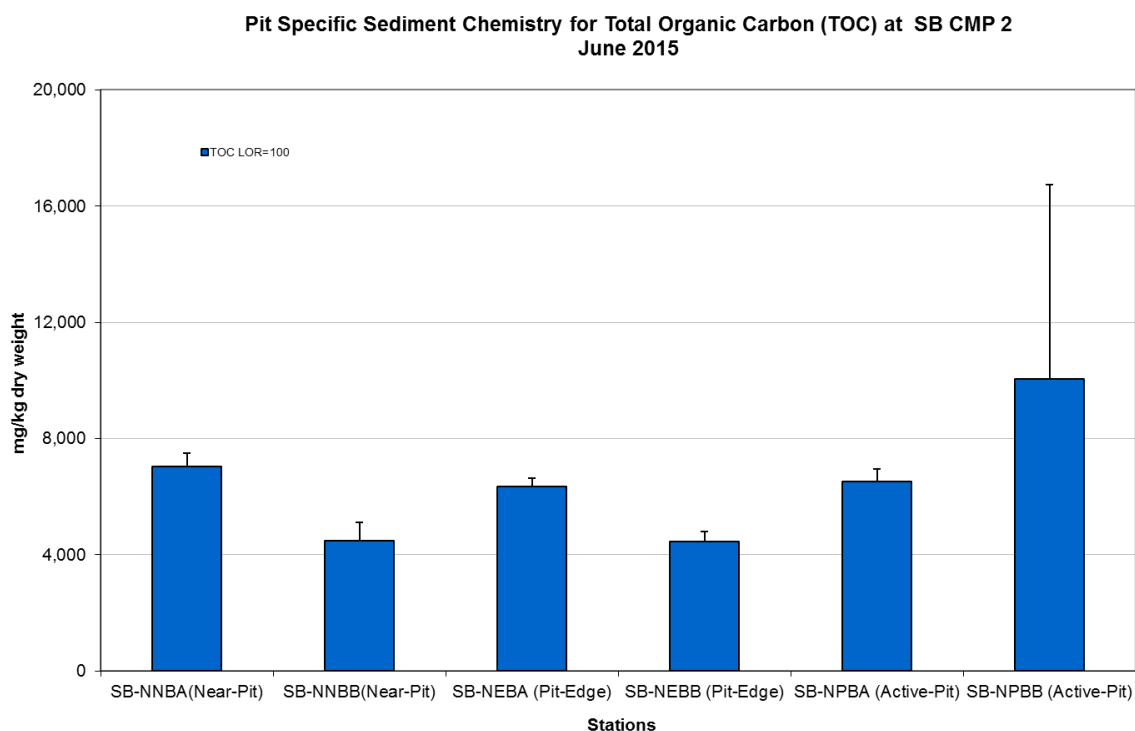


Figure 3: Concentration of Total Organic Carbon (mg/kg dry weight; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for CMP 2 in June 2015.

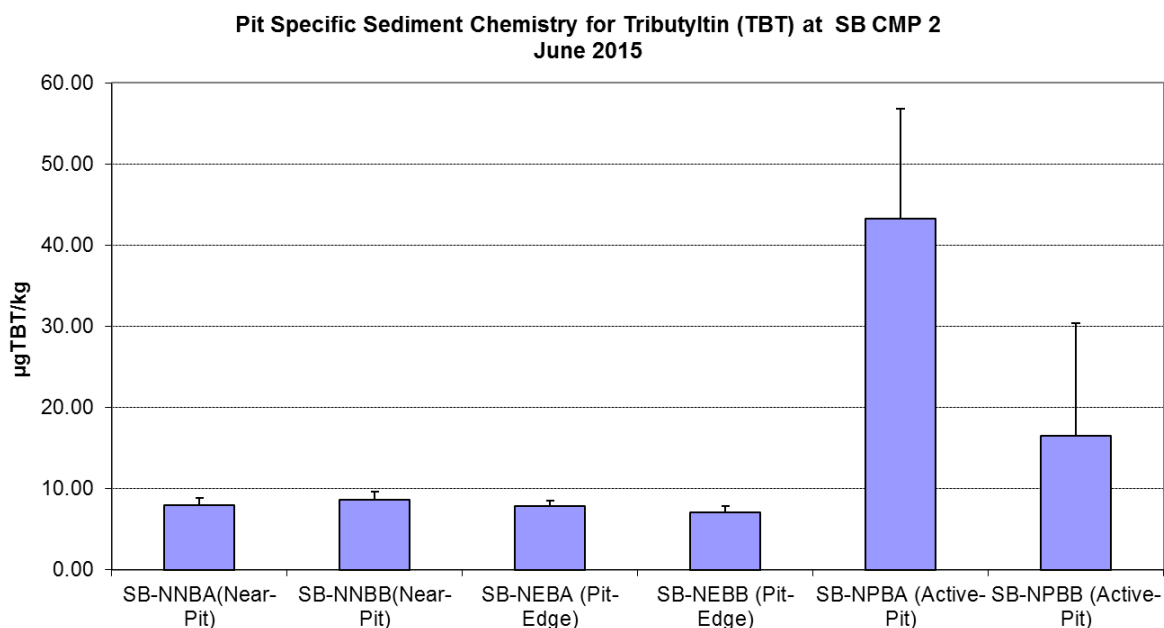


Figure 4: Concentration of Tributyltin (µg TBT/kg; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for CMP 2 in June 2015.

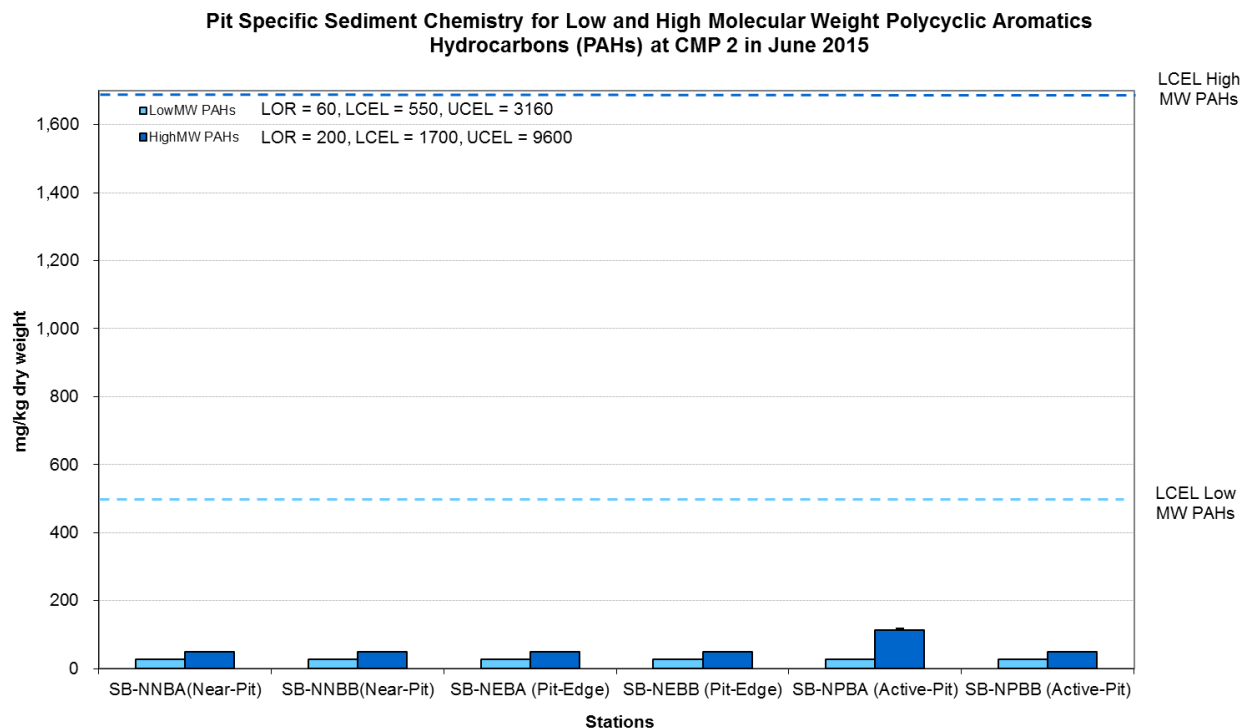


Figure 5: Concentration of Low and High Molecular Weight Polycyclic Aromatics Hydrocarbons (mg/kg dry weight; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for CMP 2 in June 2015.

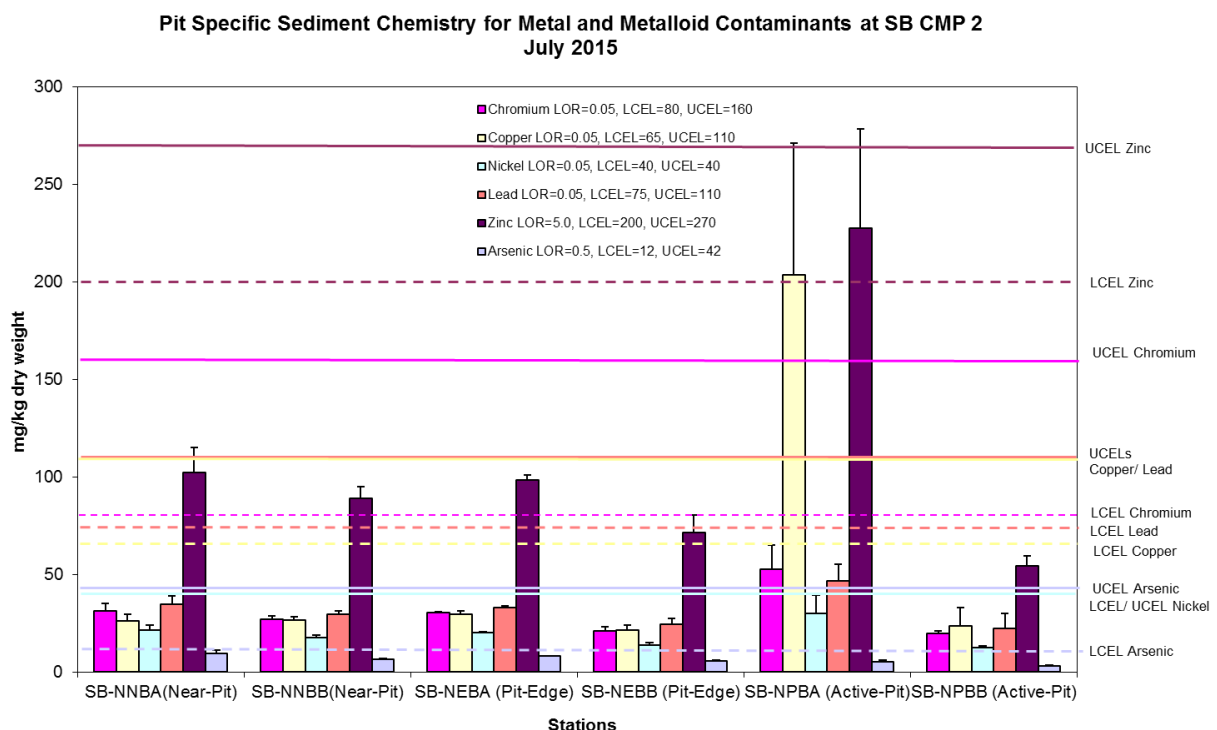


Figure 6: Concentration of Metals (Cr, Cu, Ni, Pb, Zn, As; mg/kg dry weight; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for CMP 2 in July 2015.

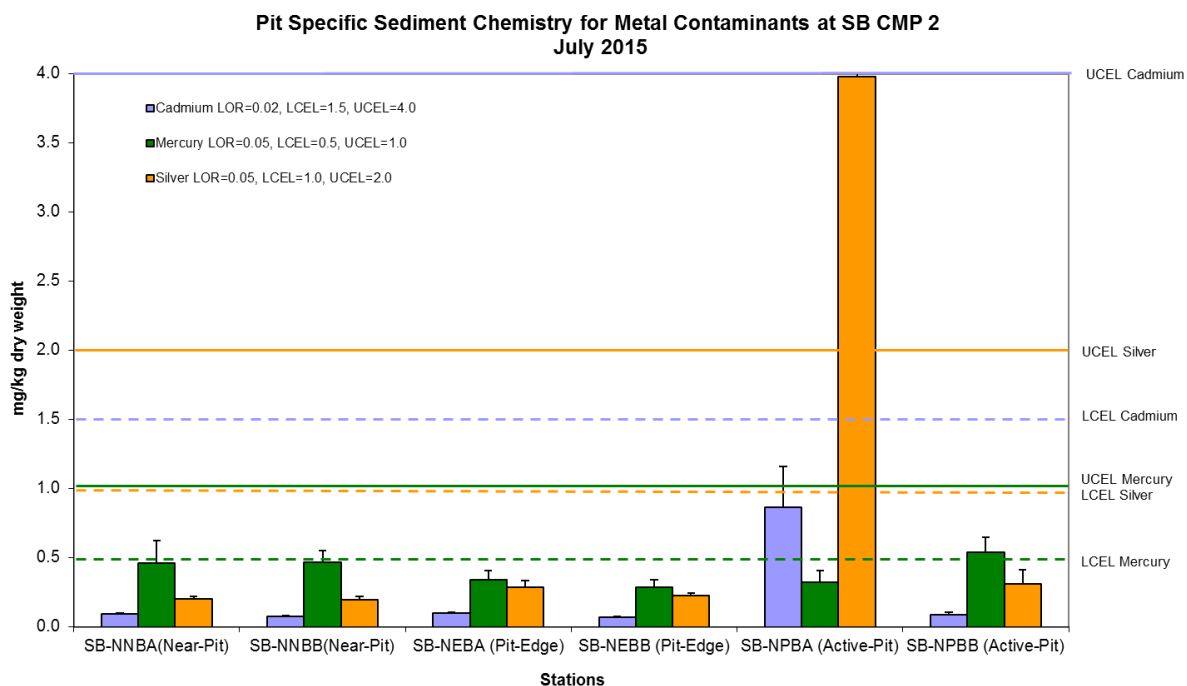


Figure 7: Concentration of Metals (Cd, Hg, Ag; mg/kg dry weight; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for CMP 2 in May 2015.

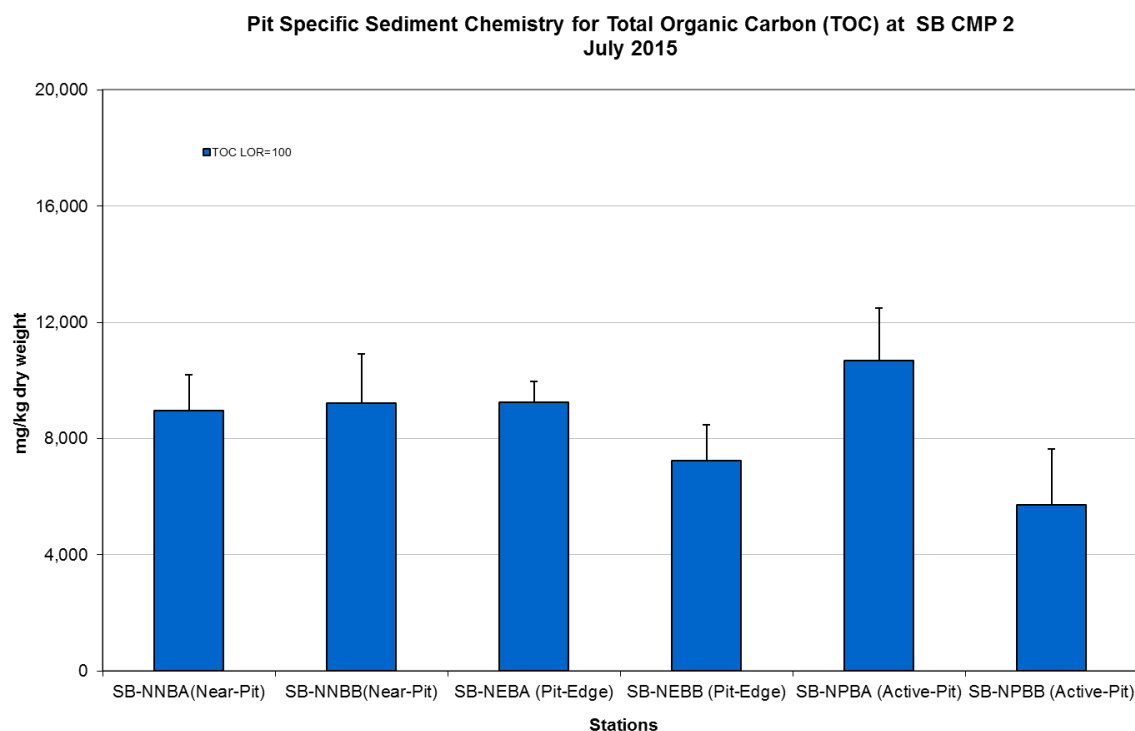


Figure 8: Concentration of Total Organic Carbon (mg/kg dry weight; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for CMP 2 in July 2015.

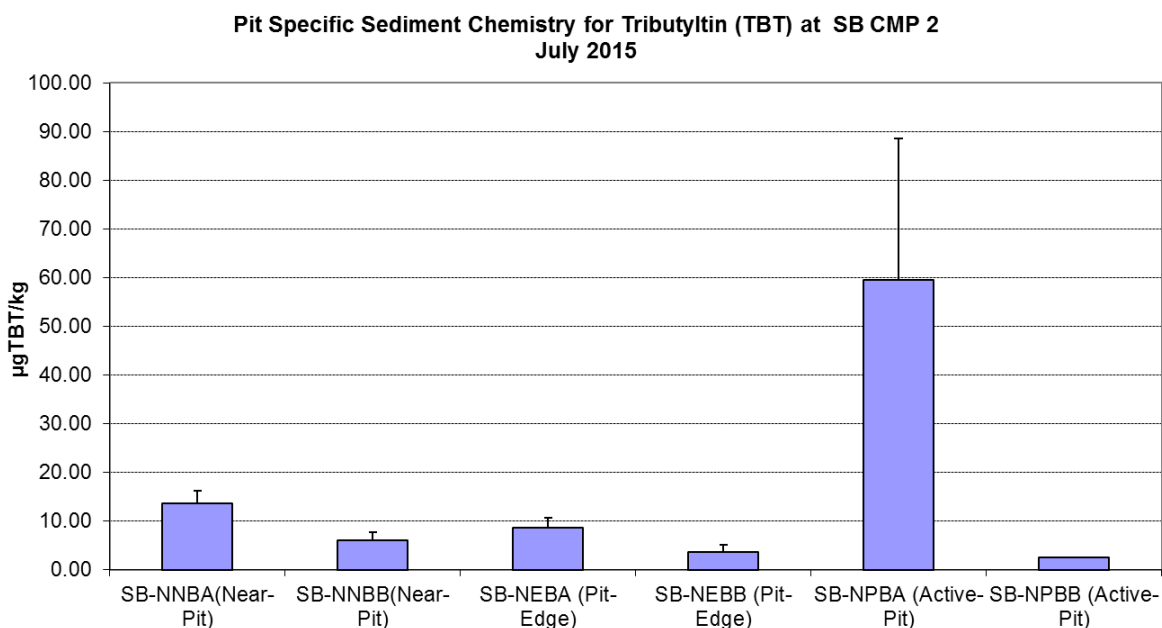


Figure 9: Concentration of Tributyltin ($\mu\text{g TBT/kg}$; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for CMP 2 in July 2015.

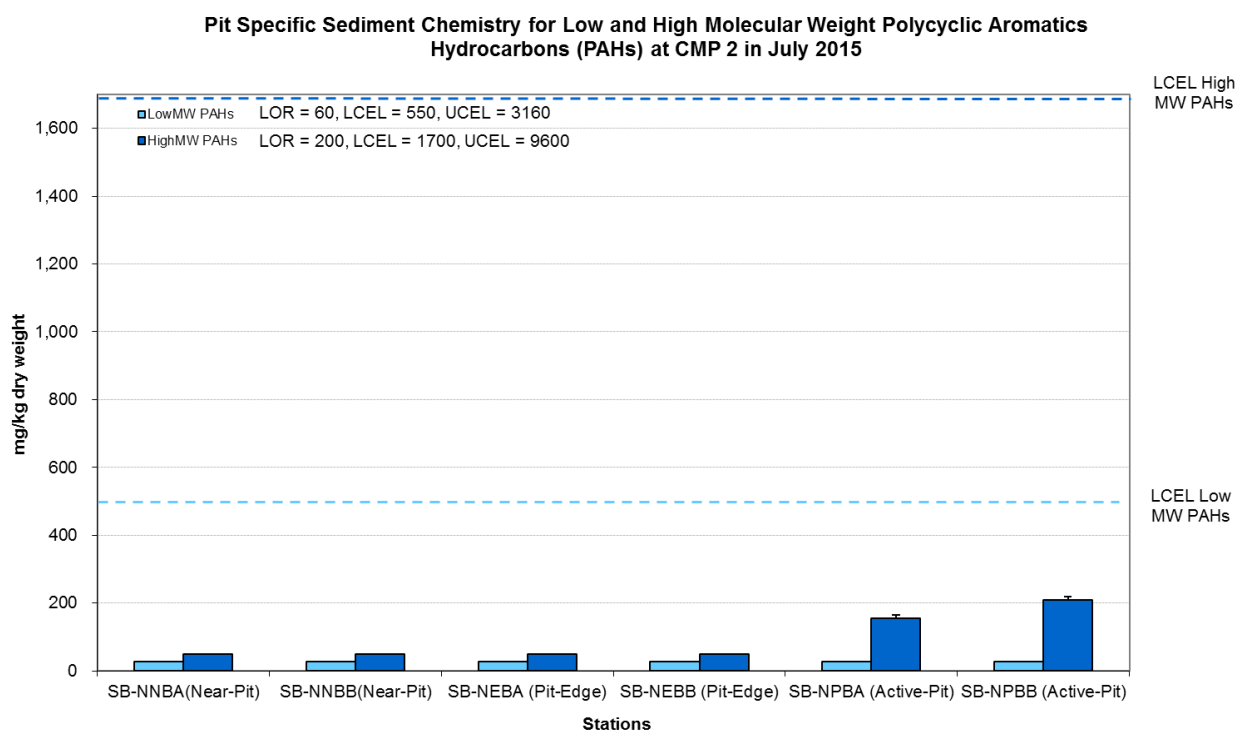


Figure 10: Concentration of Low and High Molecular Weight Polycyclic Aromatic Hydrocarbons (mg/kg dry weight ; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for CMP 2 in July 2015.

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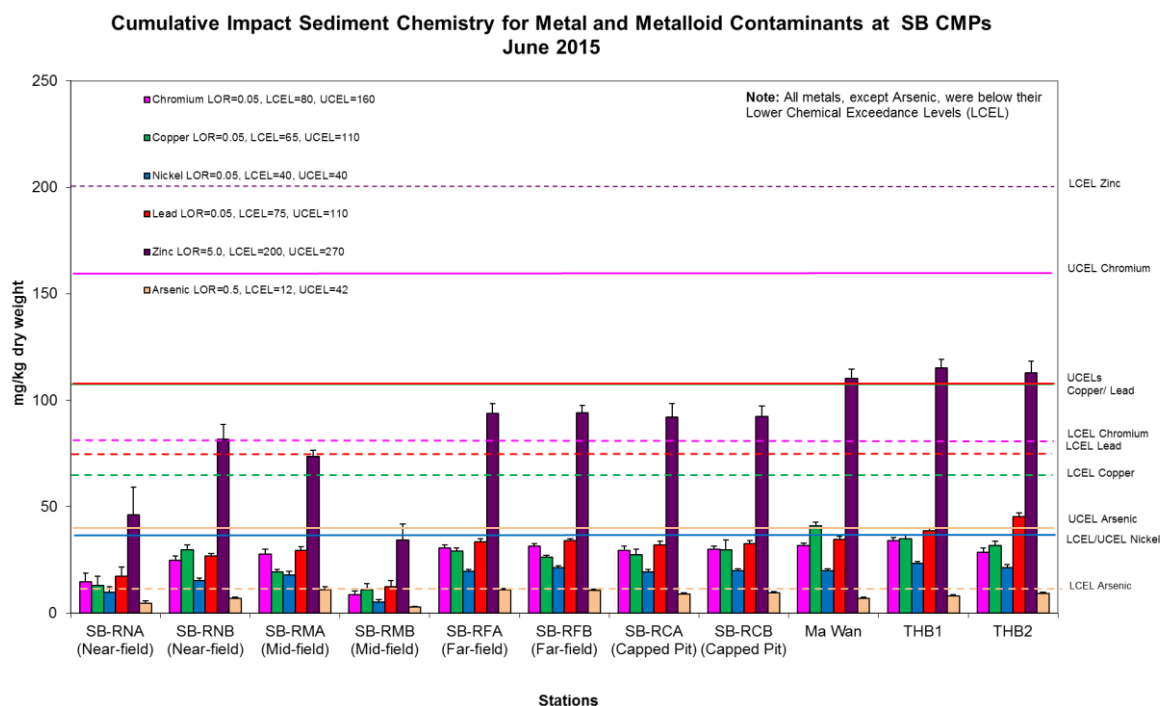


Figure 11: Concentration of Metals and Metalloid (Cr, Cu, Ni, Pb, Zn, As; mean +SD) in sediment samples collected from Cumulative Impact Sediment Chemistry Monitoring for SB CMPs in June 2015.

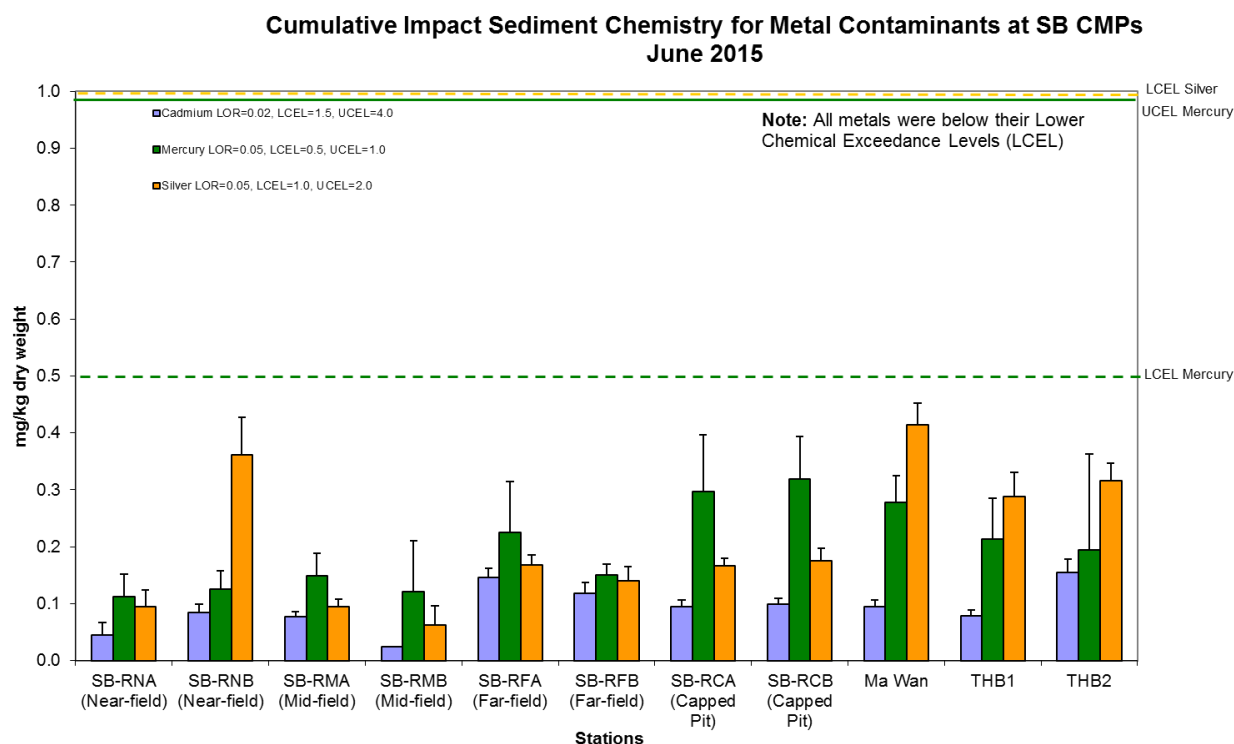


Figure 12: Concentration of Metals (Cd, Hg, Ag; mean +SD) in sediment samples collected from Cumulative Impact Sediment Chemistry Monitoring for SB CMPs in June 2015.

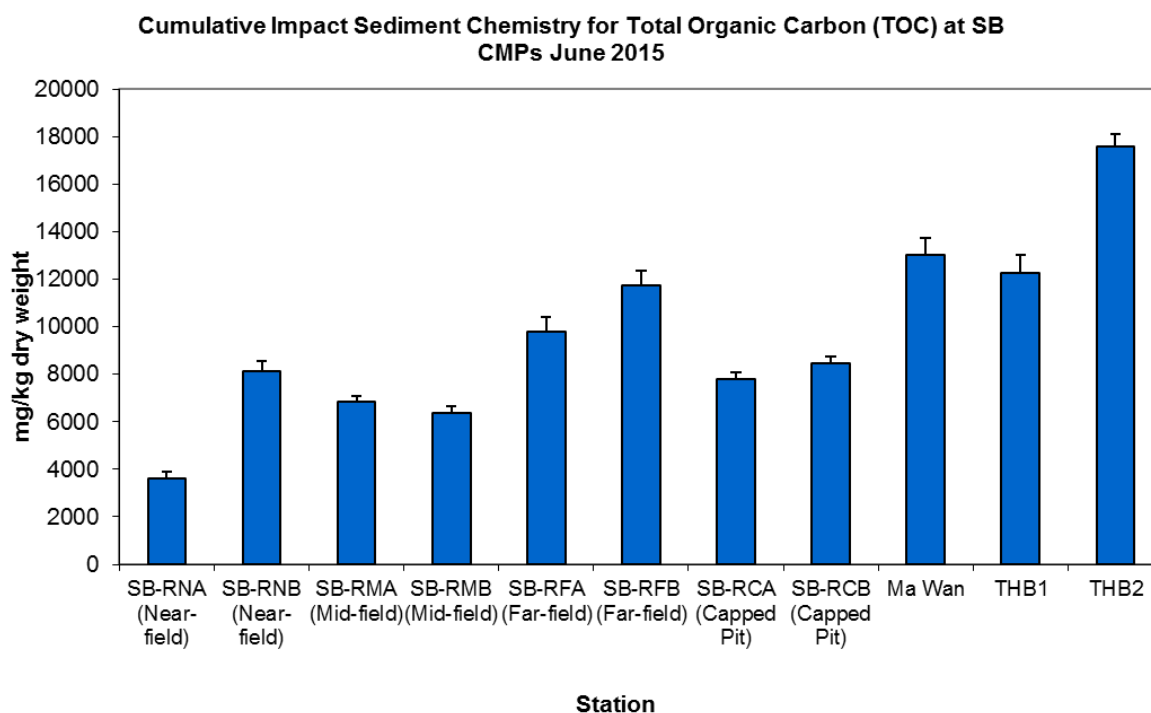


Figure 13: Concentration of Total Organic Carbon (mg/kg dry weight; mean +SD) in sediment samples collected from Cumulative Impact Sediment Chemistry Monitoring for SB CMPs in June 2015.

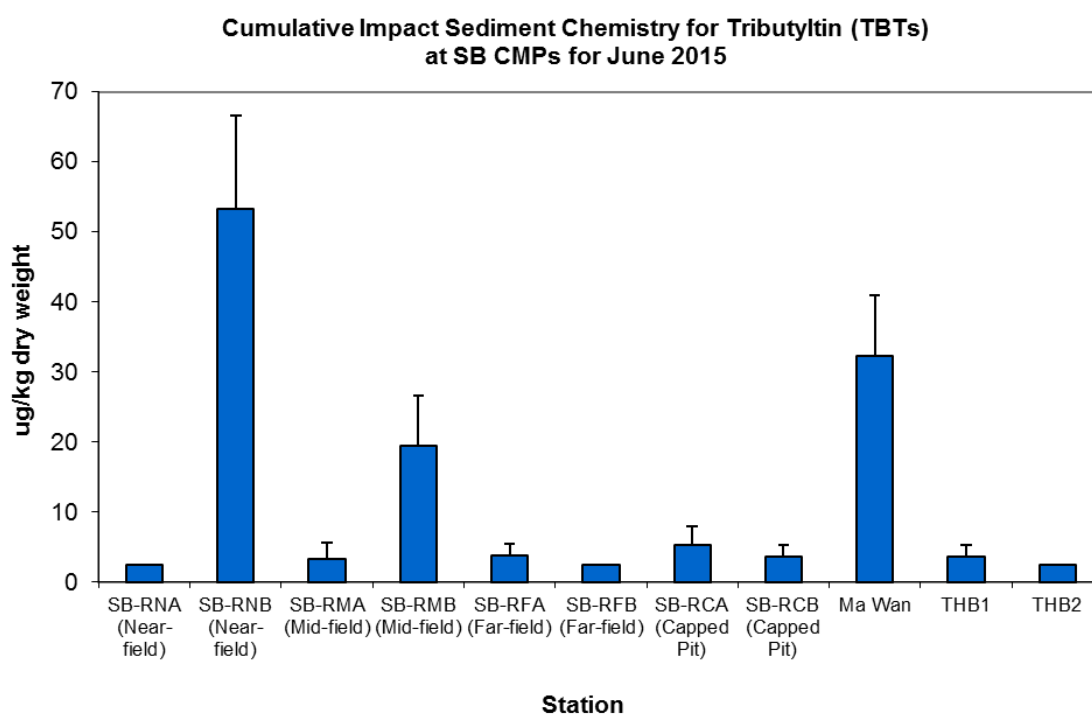


Figure 14: Concentration of Tributyltin (μg TBT/kg; mean +SD) in sediment samples collected from Cumulative Impact Sediment Chemistry Monitoring for SB CMPs in June 2015.

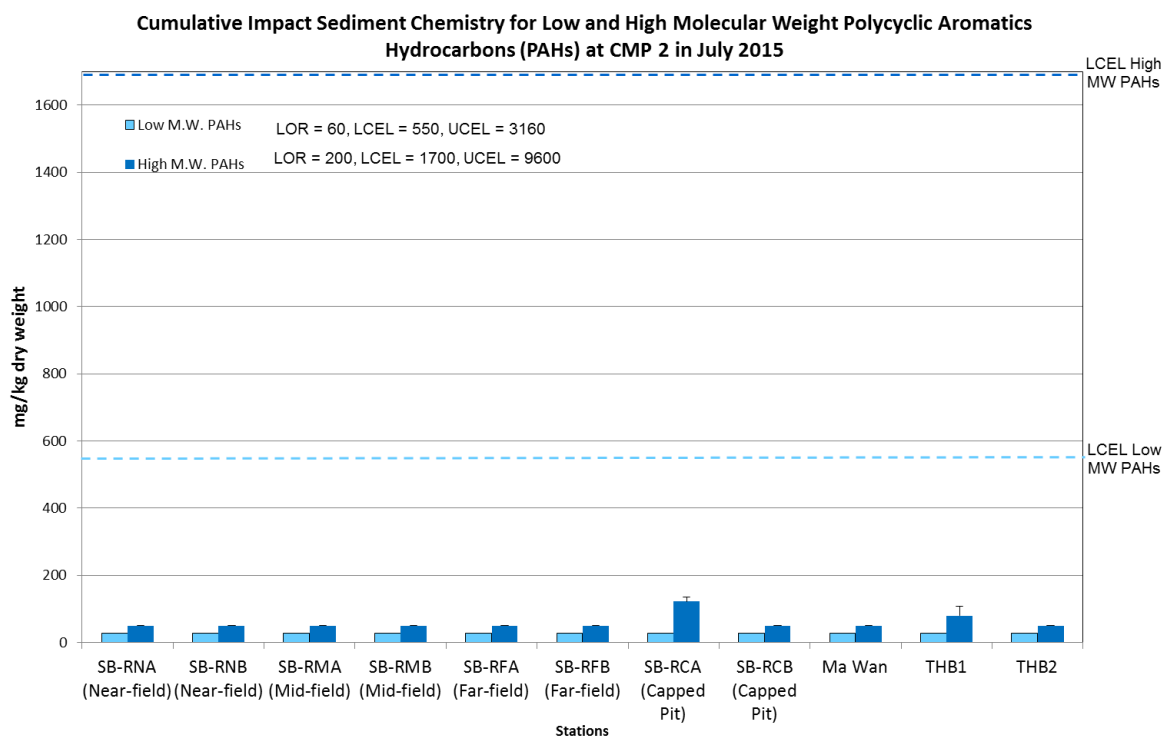


Figure 15: Concentration of Low and High Molecular Weight Polycyclic Aromatic Hydrocarbons (mg/kg dry weight; mean +SD) in sediment samples collected from Cumulative Impact Sediment Chemistry Monitoring for SB CMPs in July 2015.

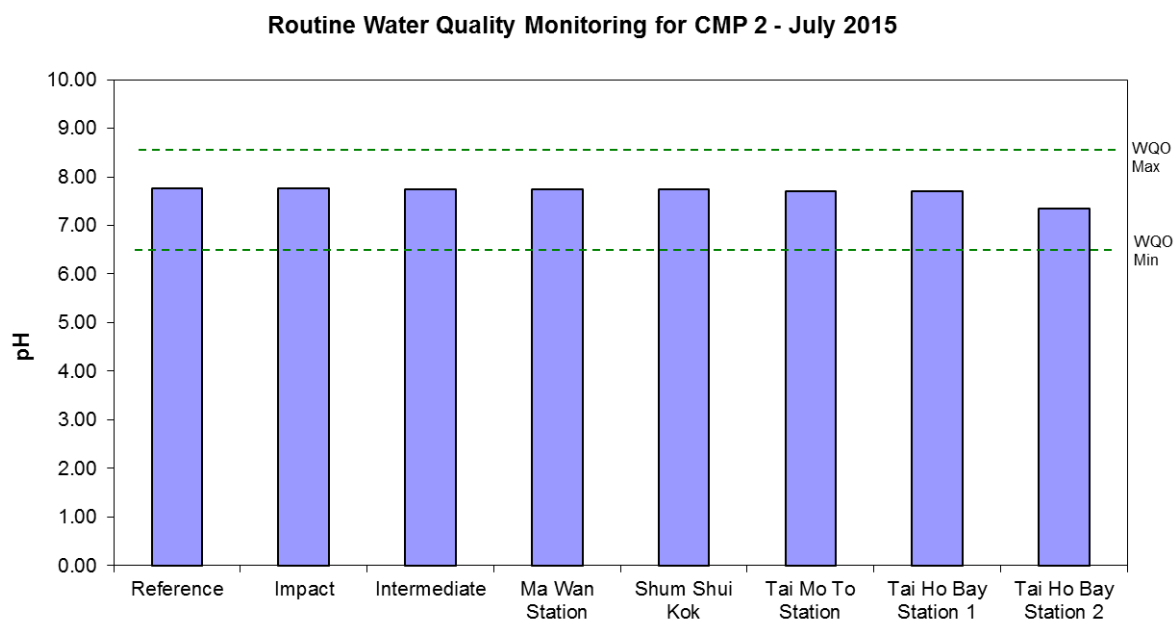


Figure 16: Level of pH recorded during Routine Water Quality Monitoring for disposal operations at CMP 2 in July 2015.

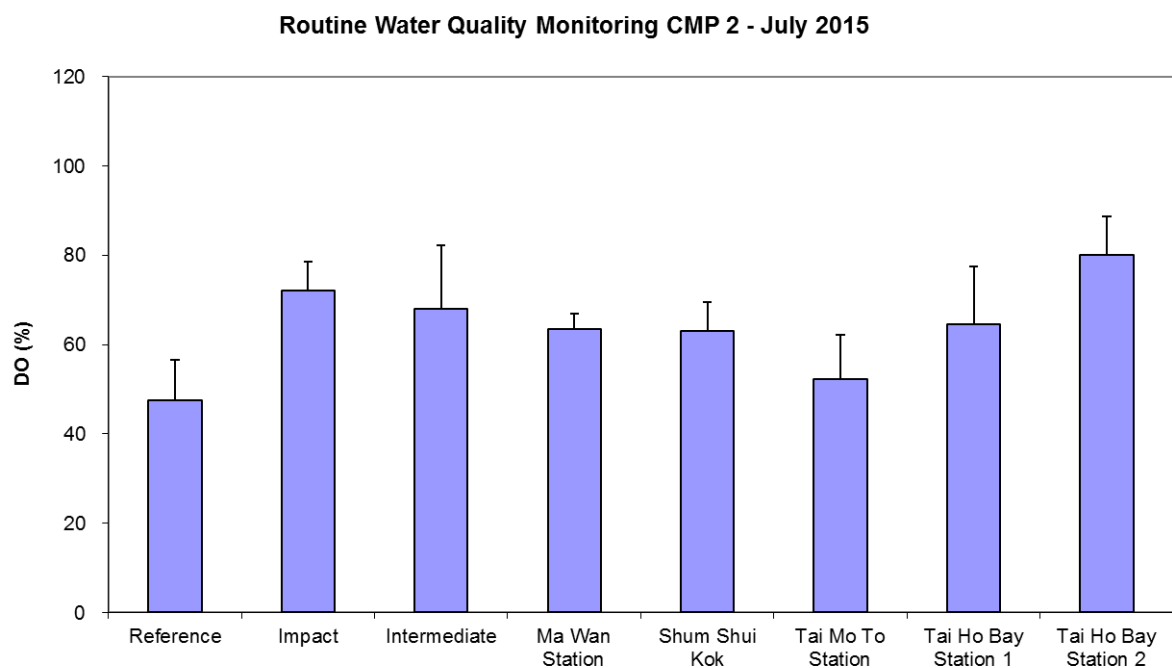


Figure 17: Level of Dissolved Oxygen (% saturation; mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at CMP 2 in July 2015.

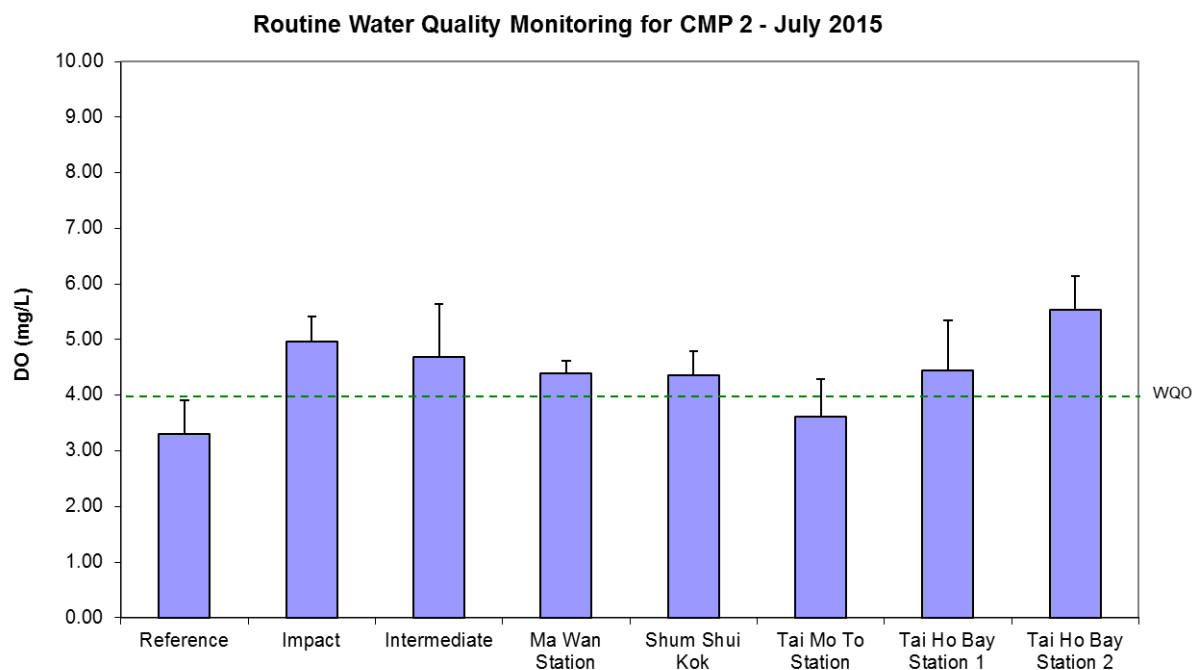


Figure 18: Concentration of Dissolved Oxygen (mg/L; mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at CMP 2 in July 2015.

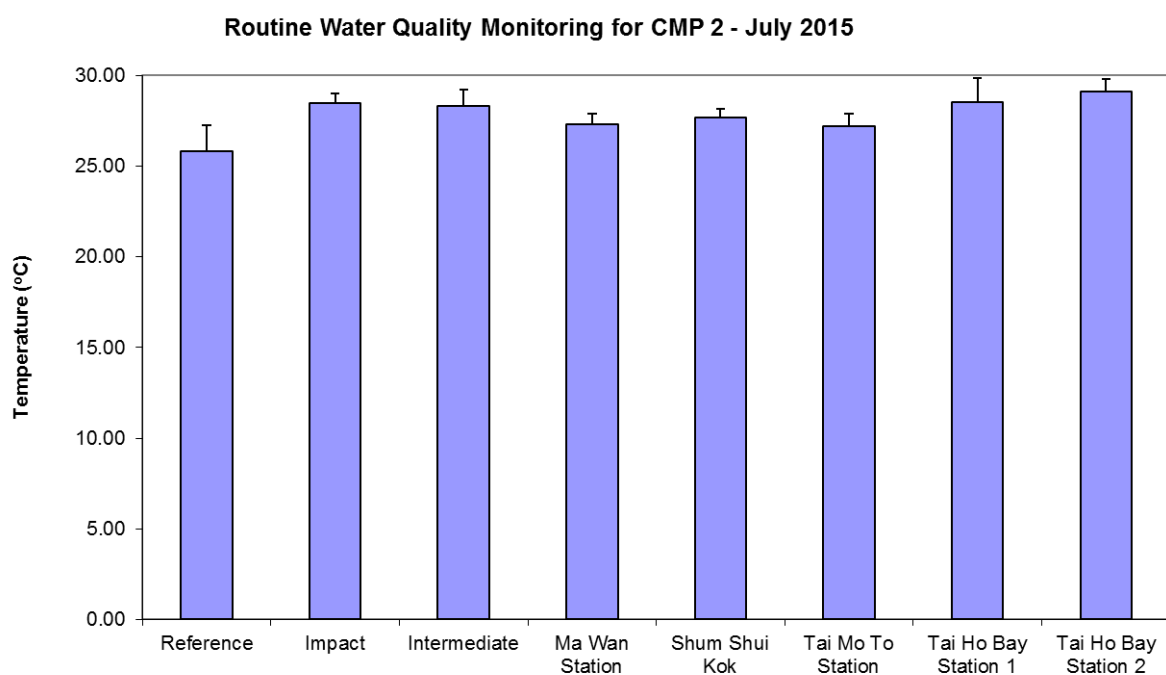


Figure 19: Level of Temperature (°C; mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at CMP 2 in July 2015.

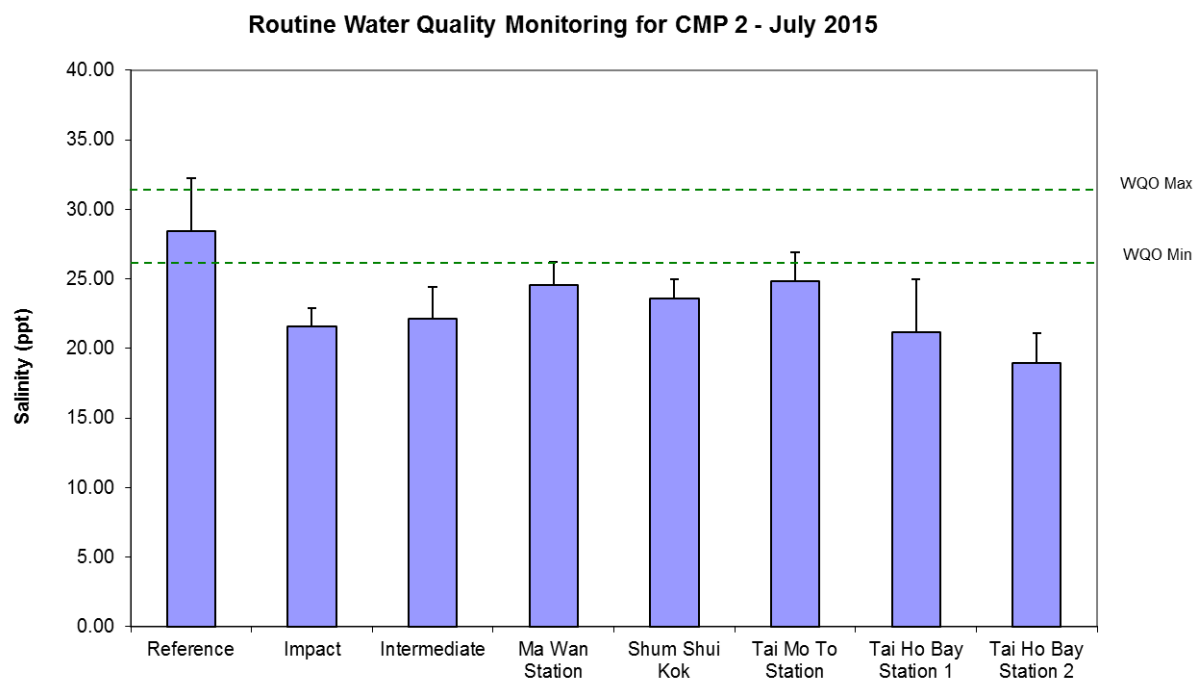


Figure 20: Level of Salinity (ppt; mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at CMP 2 in July 2015.

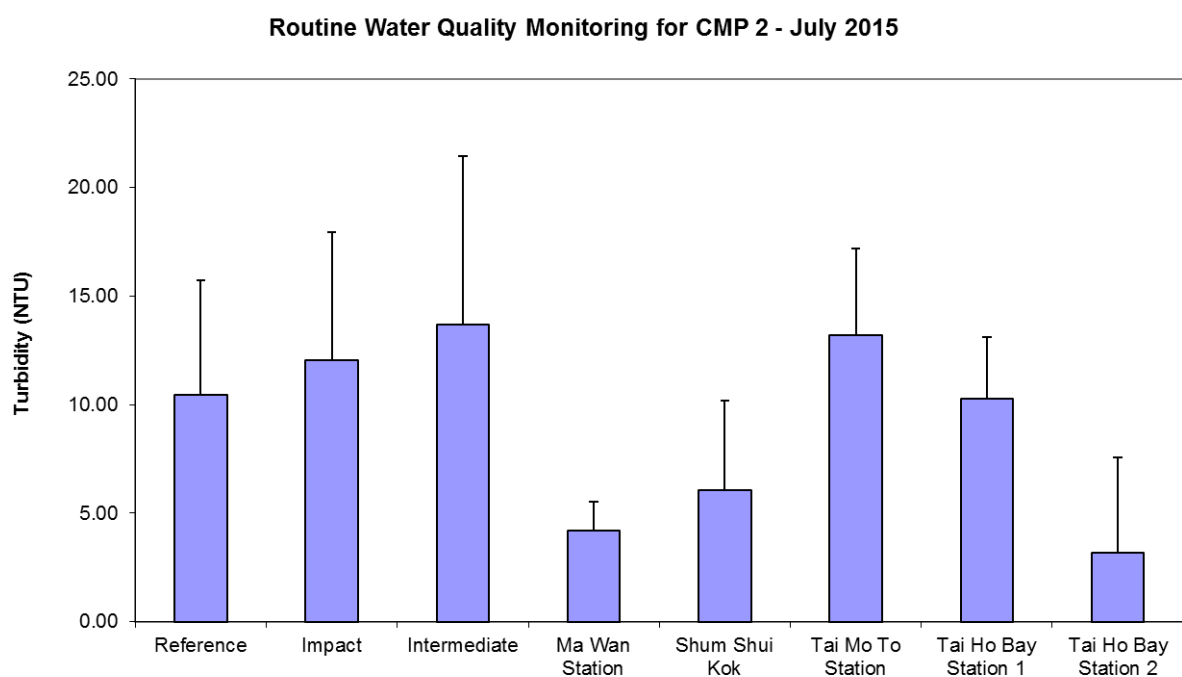


Figure 21: Levels of Turbidity (NTU; ,mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at CMP 2 in July 2015.

Routine Water Quality Monitoring Results for Metals July 2015

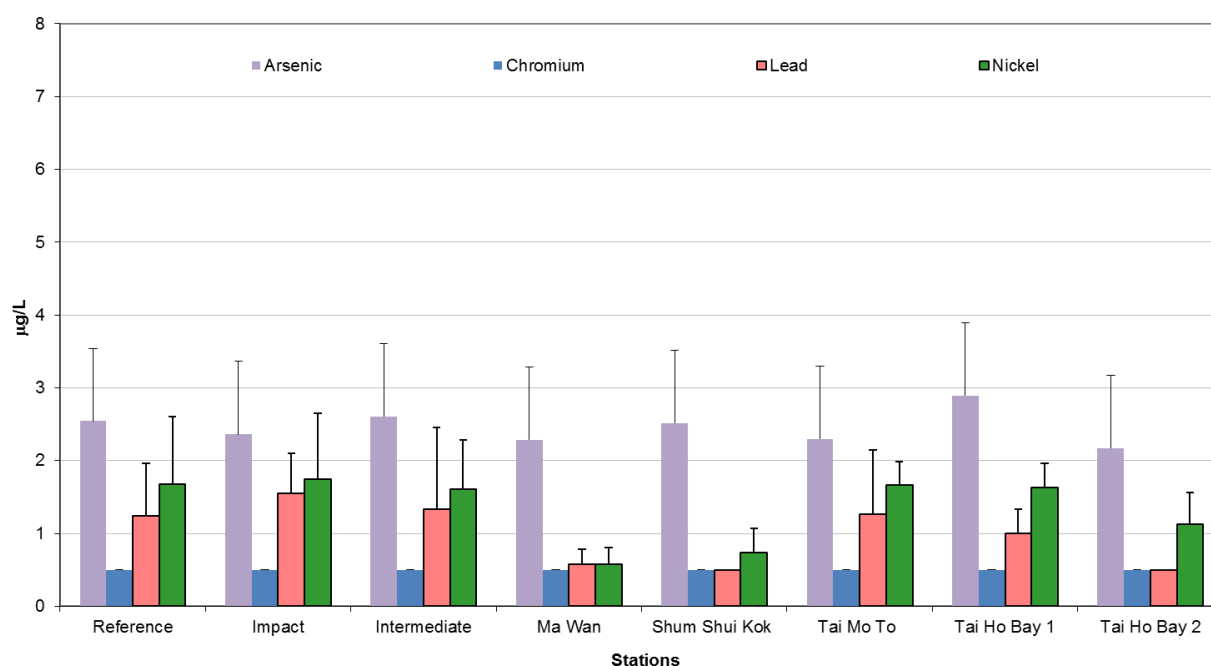


Figure 22: Concentration of Arsenic, Chromium, Lead, Nickel ($\mu\text{g/L}$; mean + SD) in water samples collected from Routine Water Quality Monitoring for disposal operations at CMP 2 in July 2015.

Routine Water Quality Monitoring Results for Metals July 2015

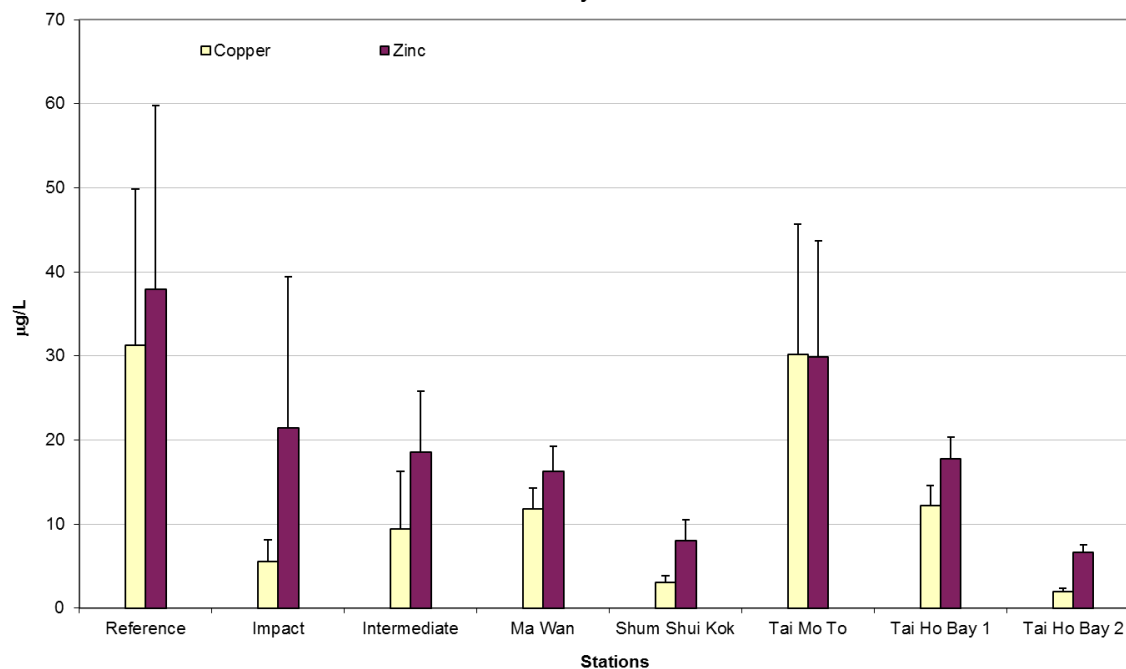


Figure 23: Concentration of Copper and Zinc ($\mu\text{g/L}$; mean + SD) in water samples collected from Routine Water Quality Monitoring for disposal operations at CMP 2 in July 2015.

Routine Water Quality Monitoring Results for Nutrients July 2015

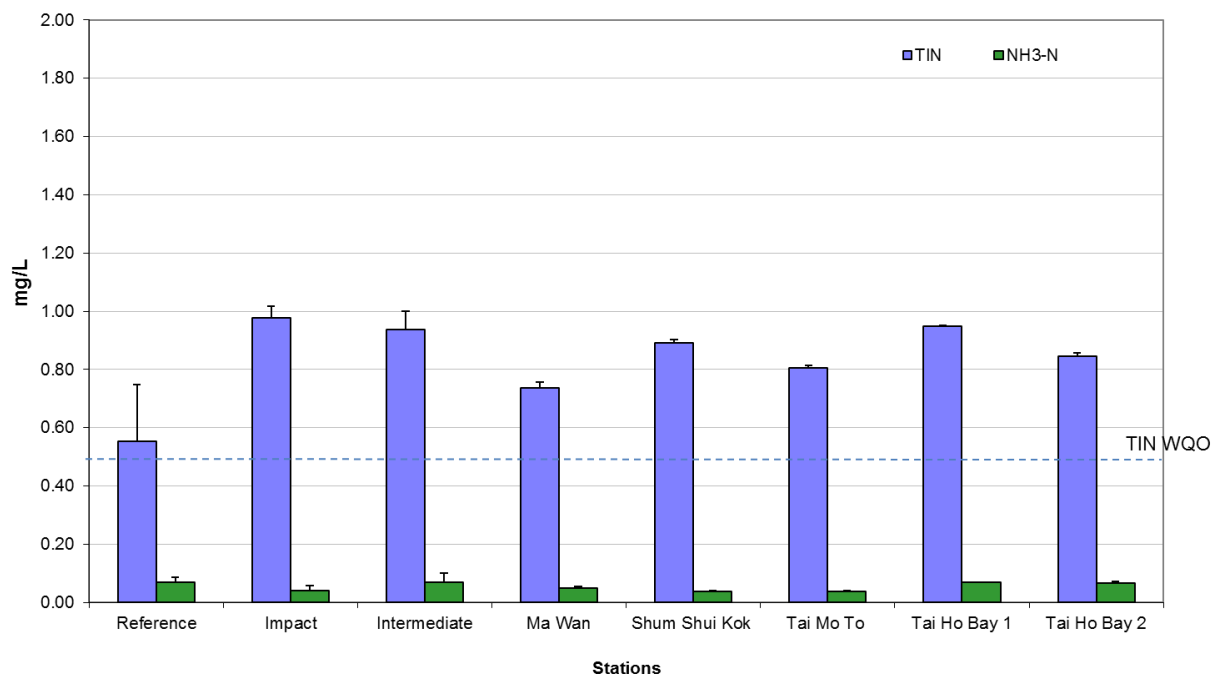


Figure 24: Concentration of Total Inorganic Nitrogen and NH₃-N ($\mu\text{g/L}$; mean + SD) in water samples collected from Routine Water Quality Monitoring for disposal operations at CMP 2 in July 2015.

Routine Water Quality Monitoring Results for Biochemical Oxygen Demand (BOD₅) July 2015

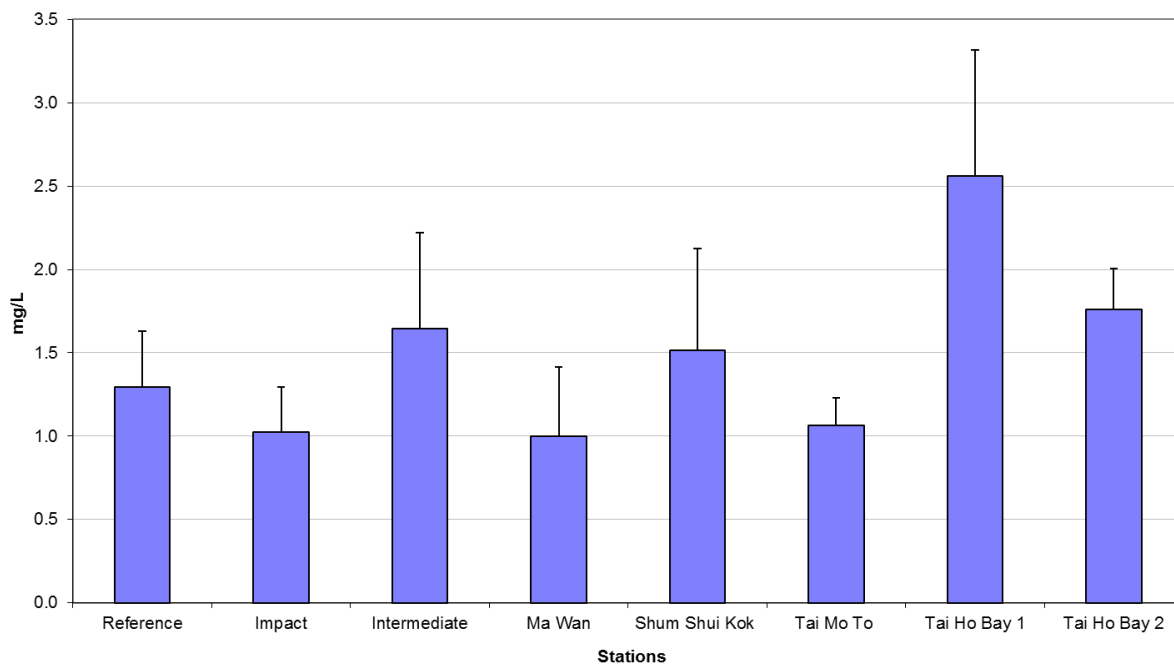


Figure 25: Level of Biochemical Oxygen Demand (BOD₅) (mg/L ; mean + SD) in water samples collected from Routine Water Quality Monitoring for disposal operations at CMP 2 in July 2015.

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Routine Water Quality Monitoring for Suspended Solids July 2015

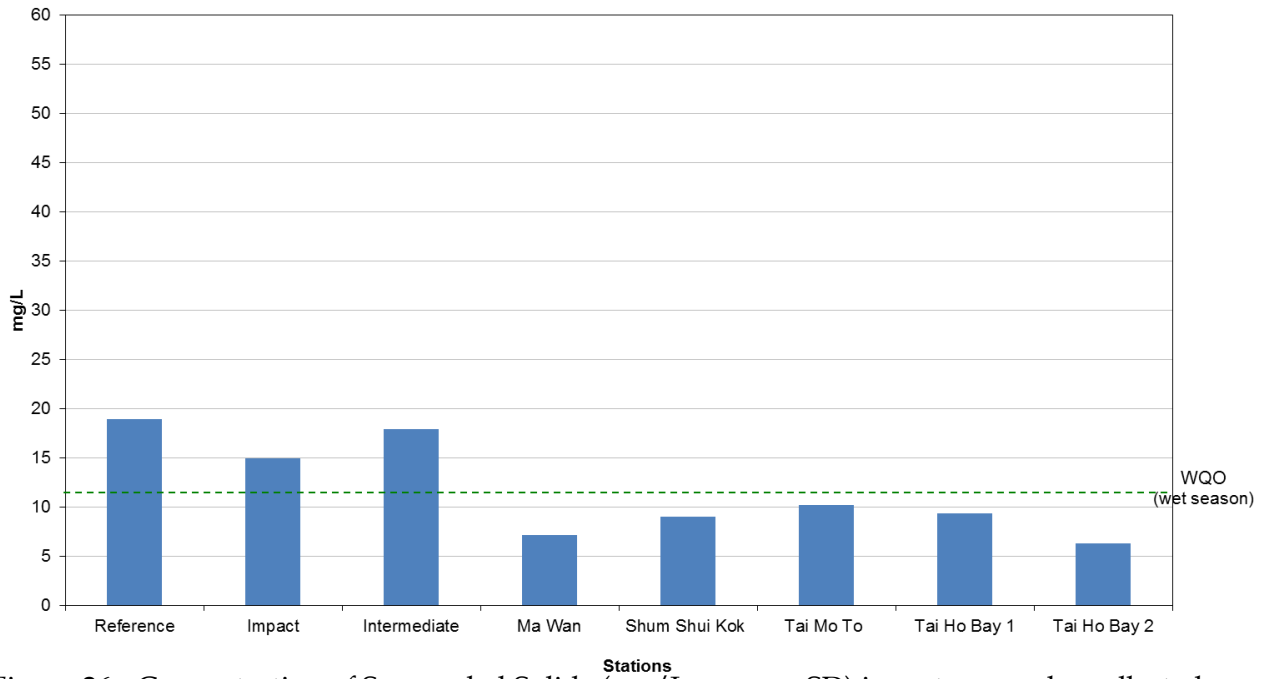


Figure 26: Concentration of Suspended Solids (mg/L; mean + SD) in water samples collected from Routine Water Quality Monitoring for disposal operations at CMP 2 in July 2015.

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Sediment Chemistry after a Major Storm for Metal and Metalloid Contaminants at SB CMPs July 2015

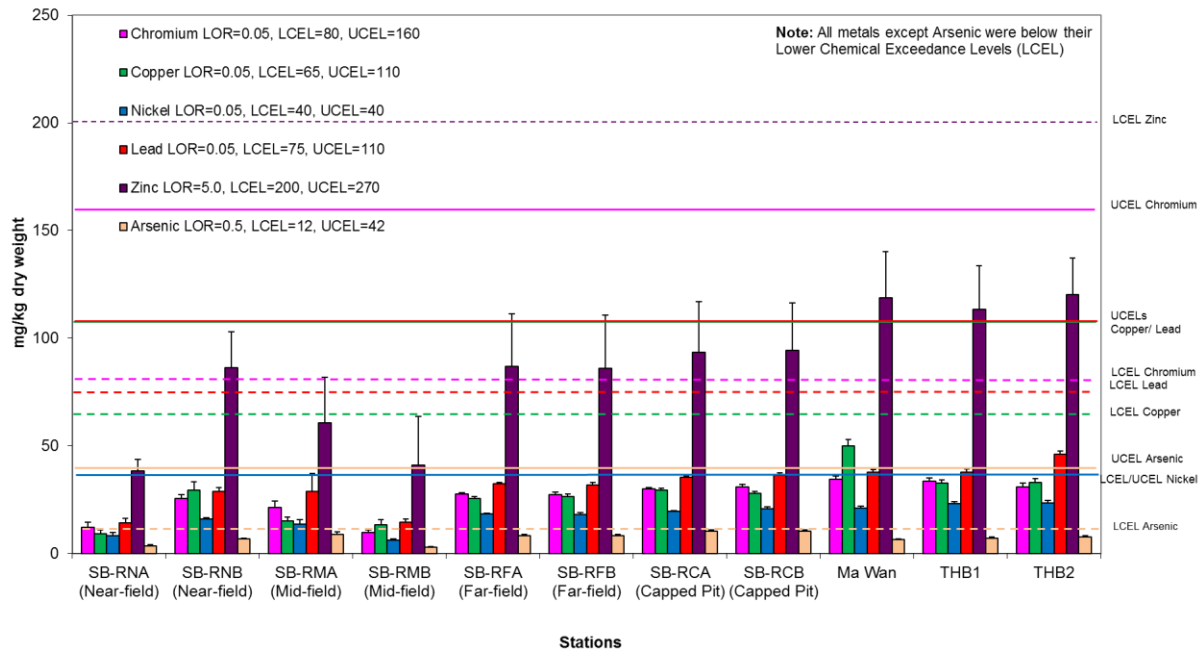


Figure 27: Concentration of Metals (Cr, Cu, Ni, Pb, Zn, As; mean +SD) in sediment samples collected from *Sediment Chemistry after a Major Storm* for SB CMPs in July 2015.

Sediment Chemistry after a Major Storm for Metal Contaminants at SB CMPs July 2015

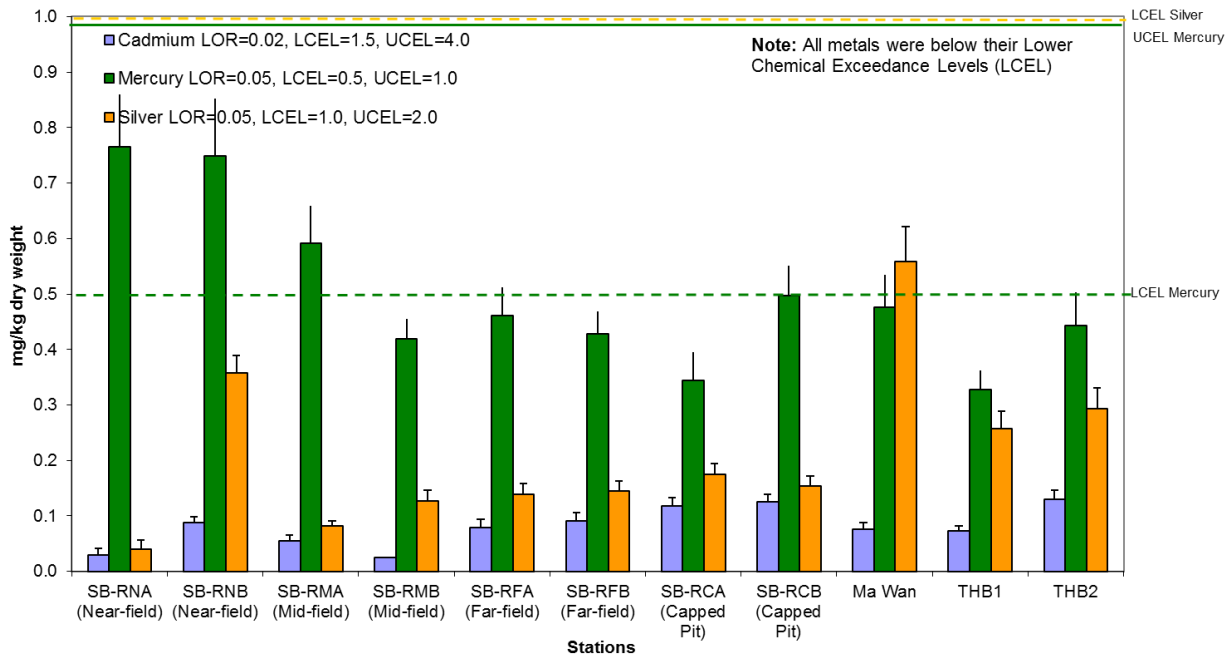


Figure 28: Concentration of Metals (Cd, Hg, Ag; mean +SD) in sediment samples collected from *Sediment Chemistry after a Major Storm* for SB CMPs in July 2015.