

Annex C

Graphical Presentations

Routine Water Quality Monitoring for ESC CMP V - November 2020

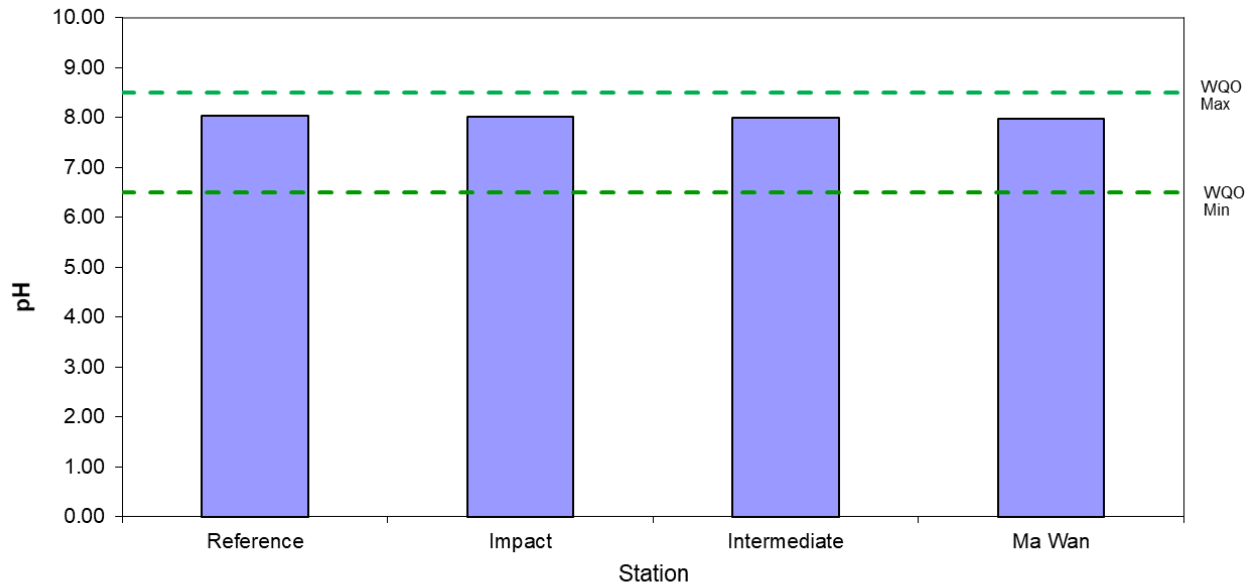


Figure 1: Level of pH recorded during Routine Water Quality Monitoring for disposal operations at ESC CMP V in November 2020.

Routine Water Quality Monitoring ESC CMP V - November 2020

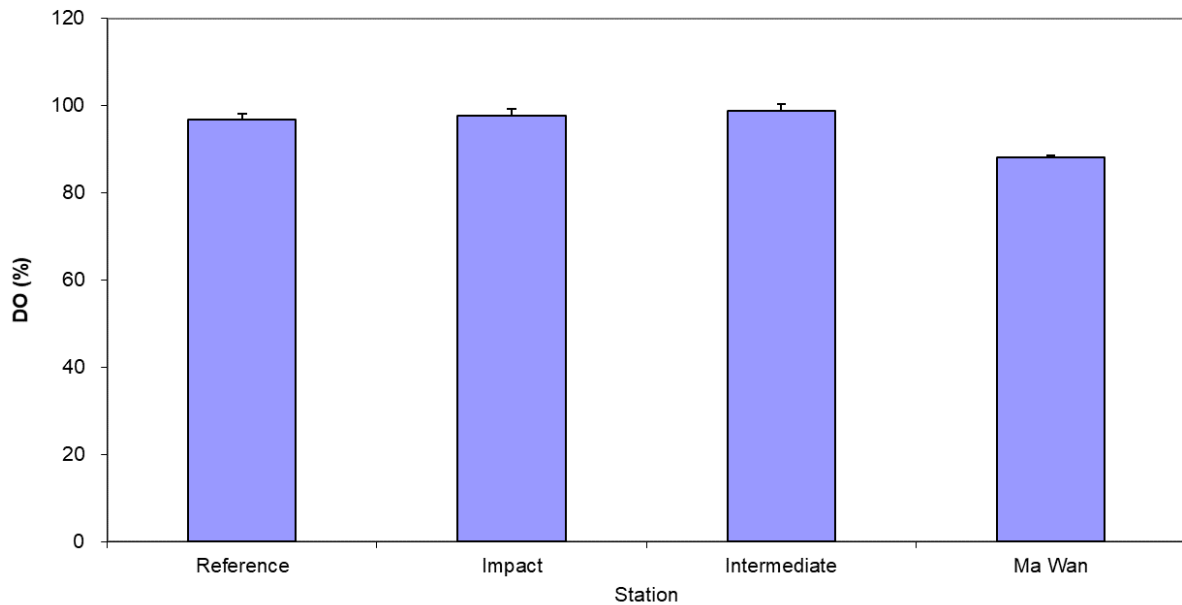


Figure 2: Level of Dissolved Oxygen (DO) (% saturation; mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at ESC CMP V in November 2020.

Source: P:\Projects\0400720 CEDD CMP EM&A 2017-2020\02 Deliverable\05 CMP Monthly Report\44 Monthly November 2020

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Routine Water Quality Monitoring for ESC CMP V - November 2020

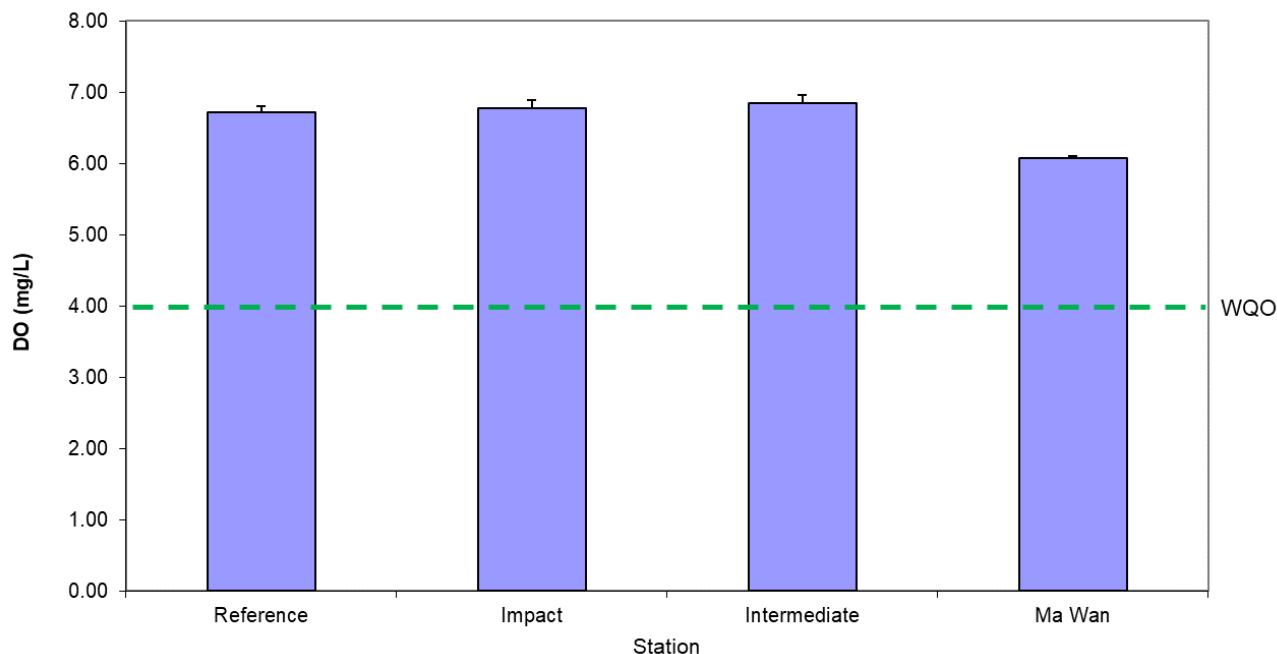


Figure 3: Concentration of Dissolved Oxygen (DO) (mg/L; mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at ESC CMP V in November 2020.

Routine Water Quality Monitoring for ESC CMP V - November 2020

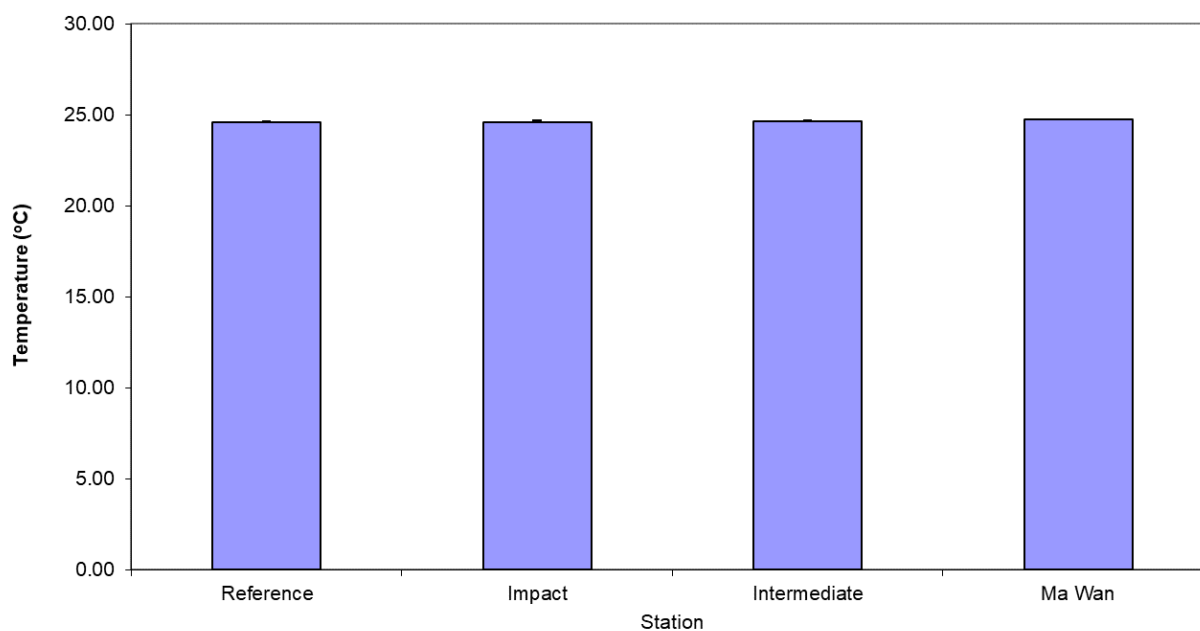


Figure 4: Level of Temperature (°C; mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at ESC CMP V in November 2020.

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Routine Water Quality Monitoring for ESC CMP V - November 2020

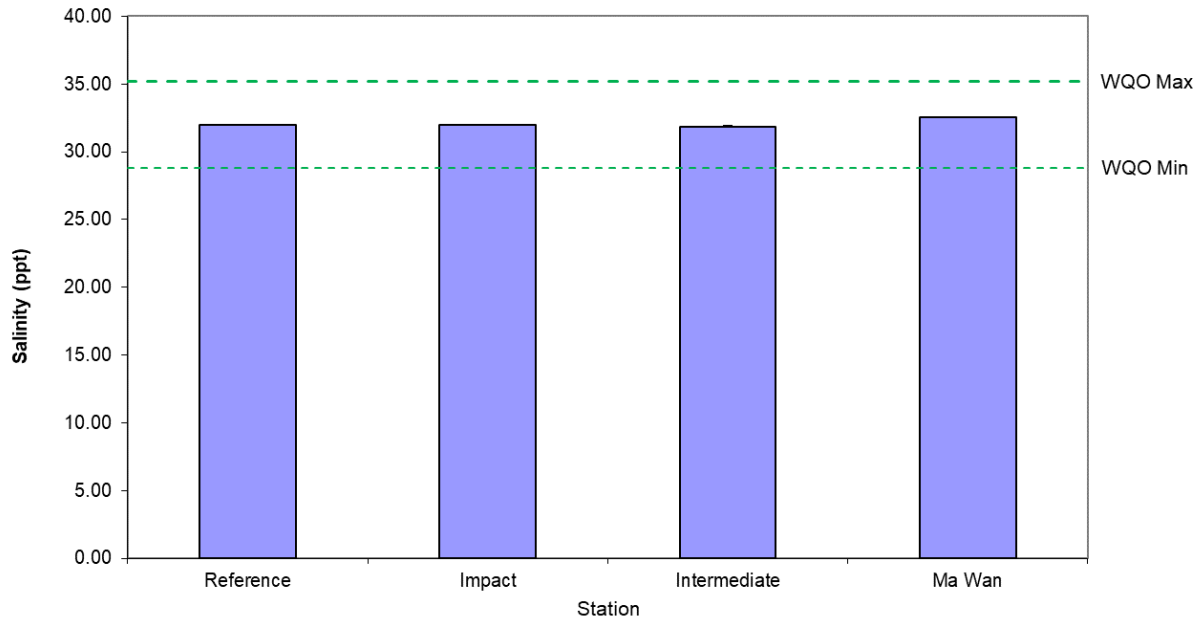


Figure 5: Level of Salinity (ppt; mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at ESC CMP V in November 2020.

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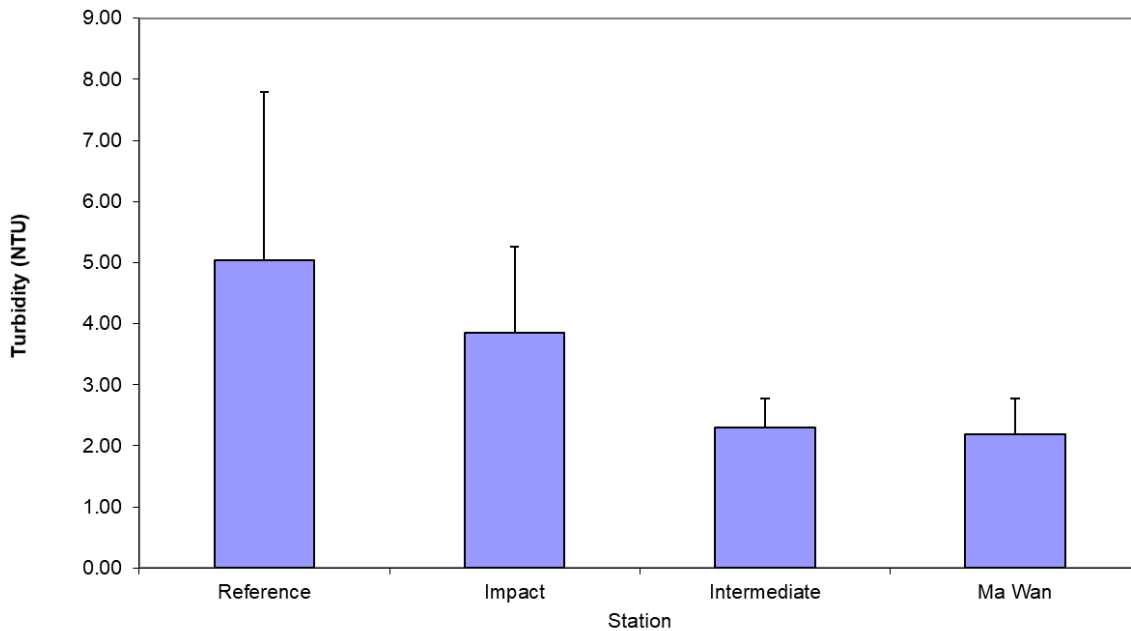


Figure 6: Levels of Turbidity (NTU; mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at ESC CMP V in November 2020.

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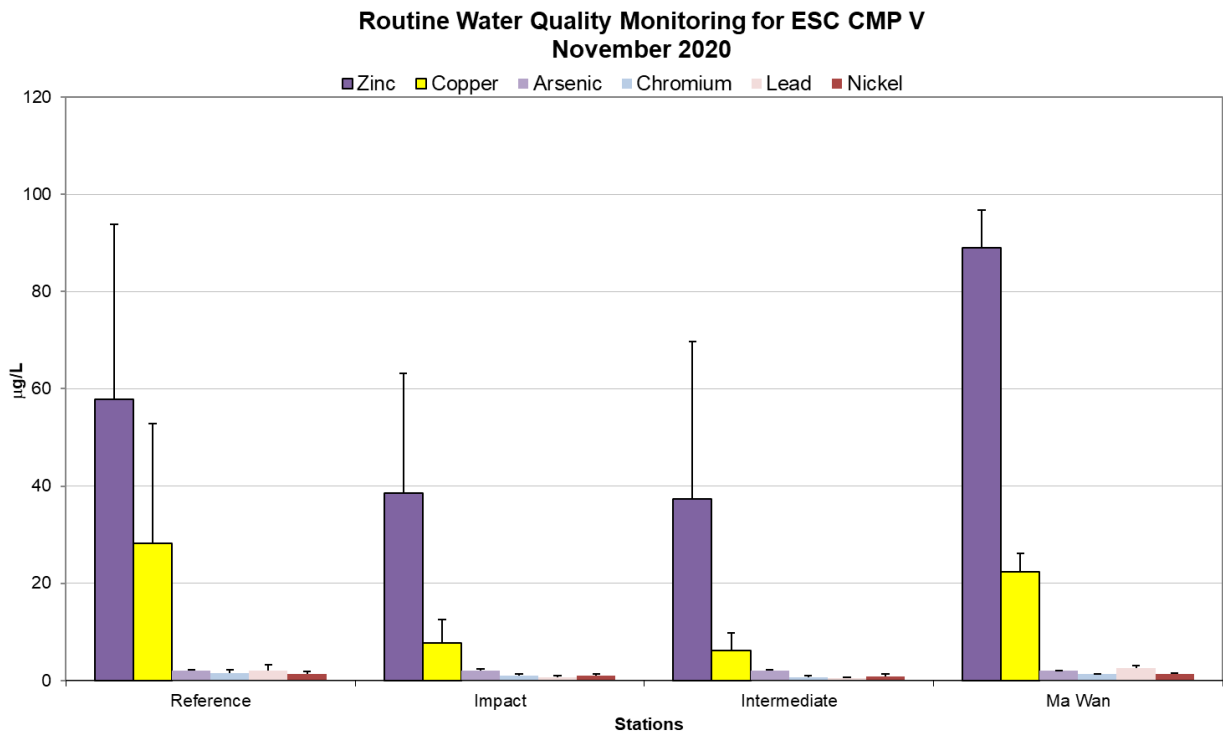


Figure 7: Concentration of Arsenic, Chromium, Copper, Lead, Nickel and Zinc ($\mu\text{g/L}$; mean + SD) in water samples collected from Routine Water Quality Monitoring for disposal operations at ESC CMP V in November 2020.

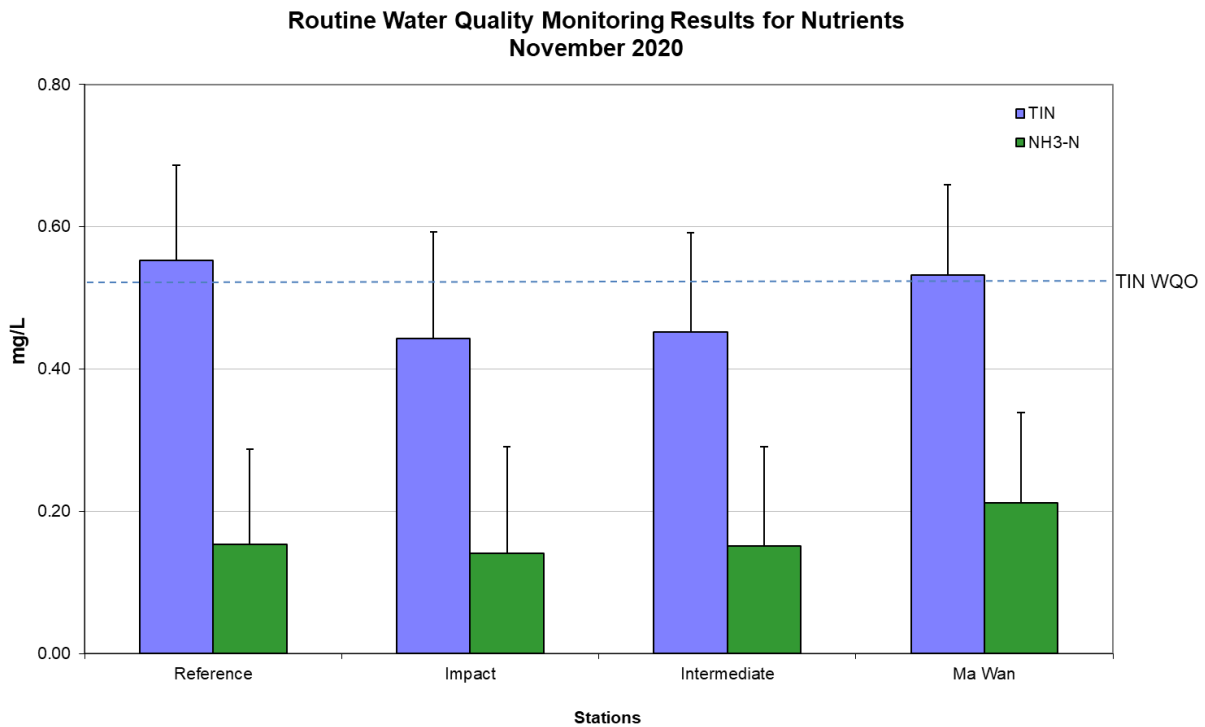


Figure 8: Concentration of Total Inorganic Nitrogen (TIN) and Ammonia Nitrogen ($\text{NH}_3\text{-N}$) (mg/L ; mean + SD) in water samples collected from Routine Water Quality Monitoring for disposal operations at ESC CMP V in November 2020.

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**Routine Water Quality Monitoring Results for Biochemical Oxygen Demand (BOD₅)
November 2020**

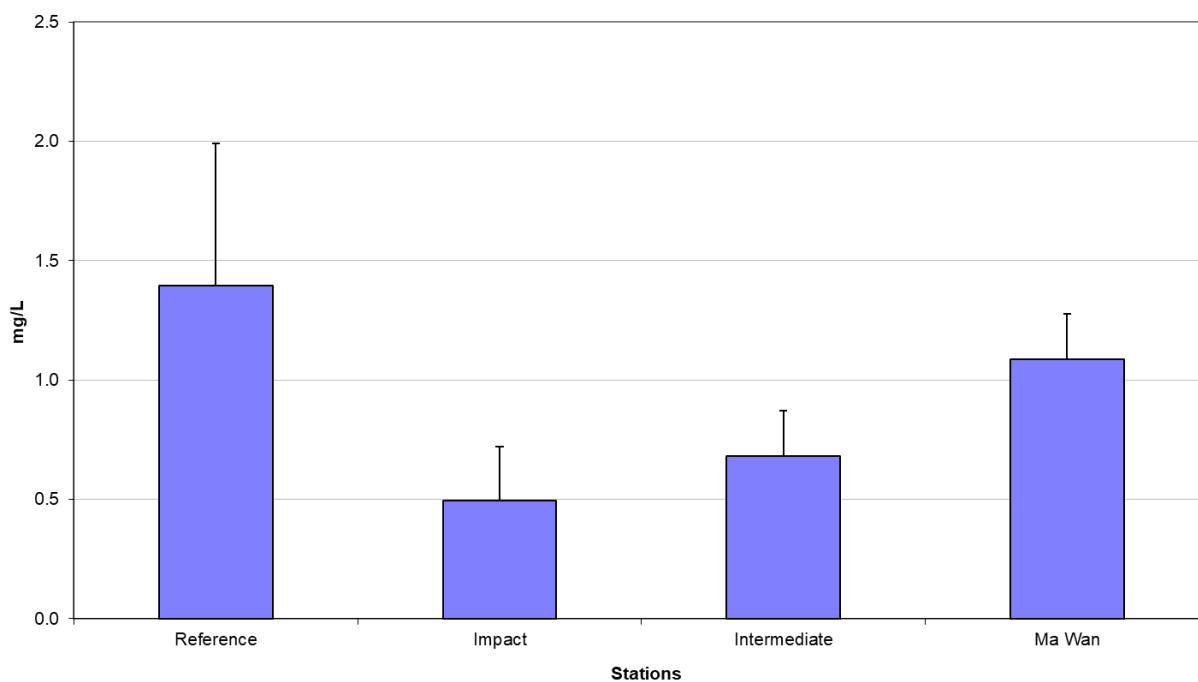


Figure 9: Level of Biochemical Oxygen Demand (BOD₅) (mg/L; mean + SD) in water samples collected from Routine Water Quality Monitoring for disposal operations at ESC CMP V in November 2020.

**Routine Water Quality Monitoring for Suspended Solids
November 2020**

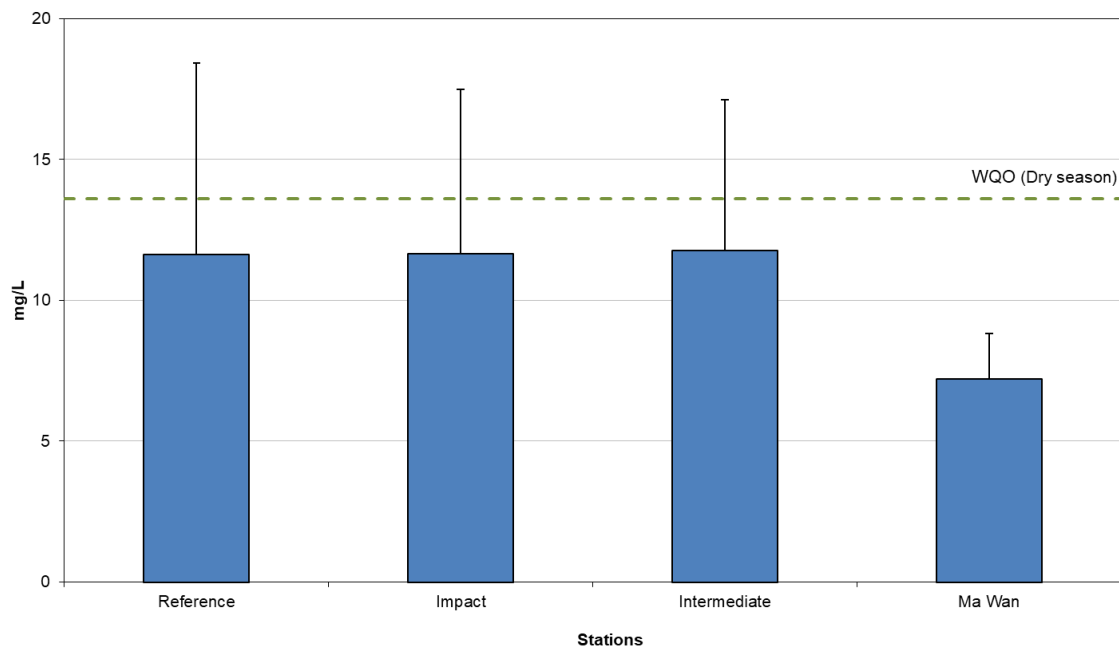


Figure 10: Concentration of Suspended Solids (SS) (mg/L; mean + SD) in water samples collected from Routine Water Quality Monitoring for disposal operations at ESC CMP V in November 2020.

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**Pit Specific Sediment Chemistry for Metal and Metalloid Contaminants at ESC CMP Vb
November 2020**

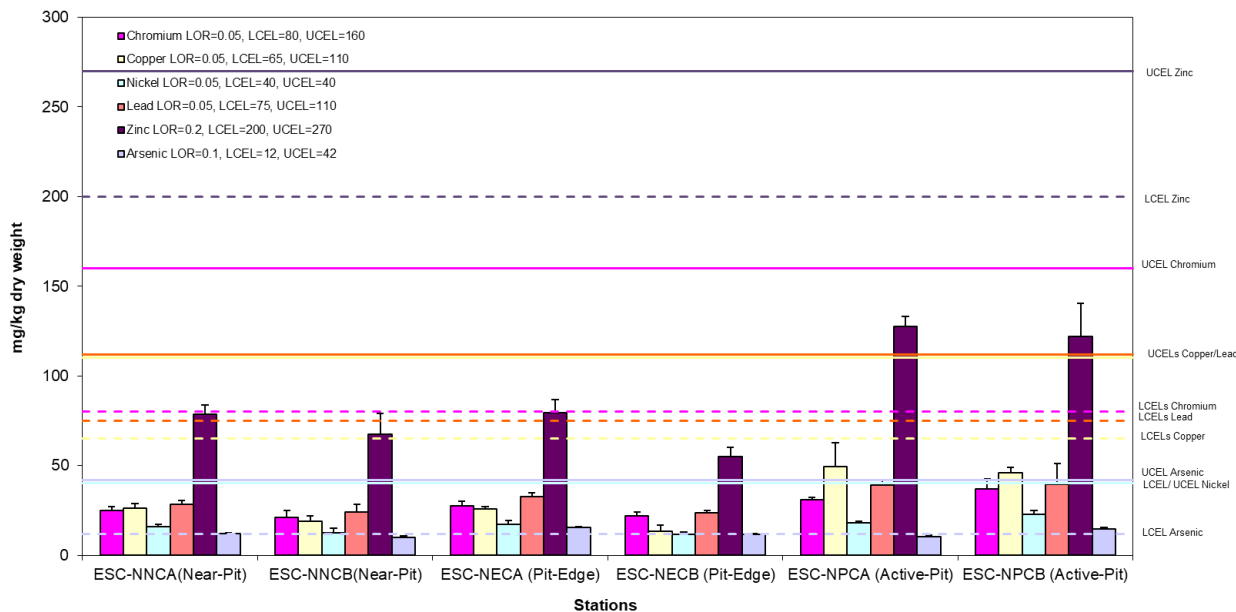


Figure 11: Concentration of Metals and Metalloid (Cr, Cu, Ni, Pb, Zn, As; mg/kg dry weight; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for ESC CMP Vb in November 2020.

**Pit Specific Sediment Chemistry for Metal Contaminants at ESC CMP Vb
November 2020**

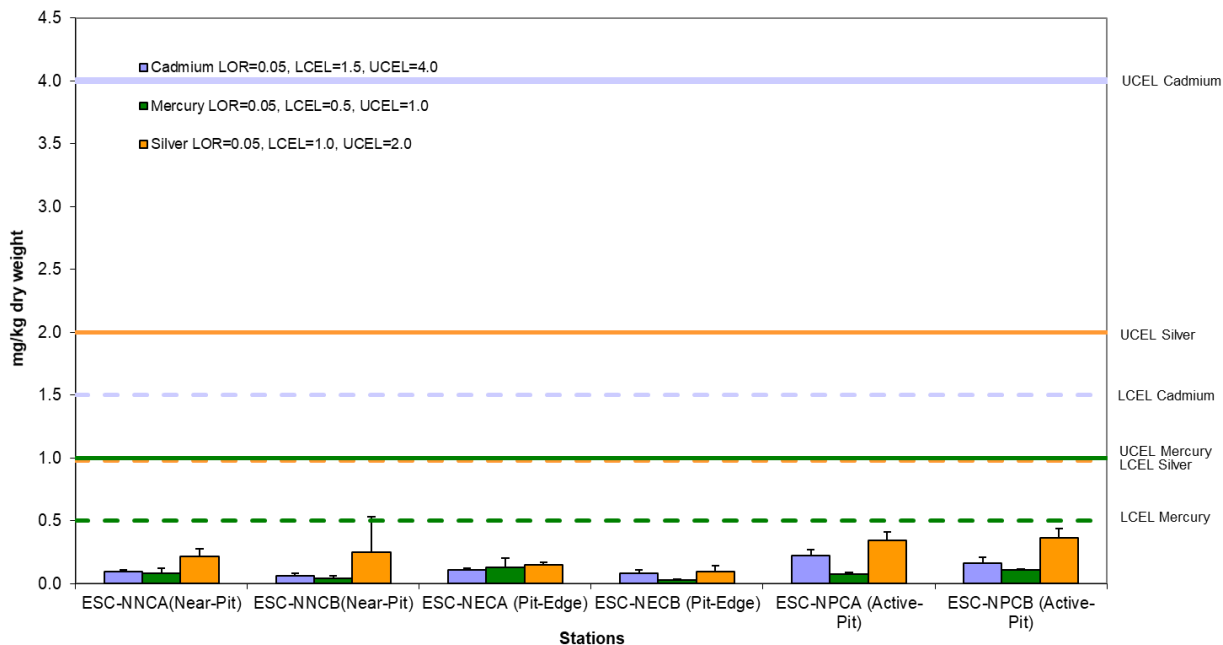


Figure 12: Concentration of Metals (Cd, Hg, Ag; mg/kg dry weight; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for ESC CMP Vb in November 2020.

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**Pit Specific Sediment Chemistry for Total Organic Carbon (TOC) at ESC CMP Vb
November 2020**

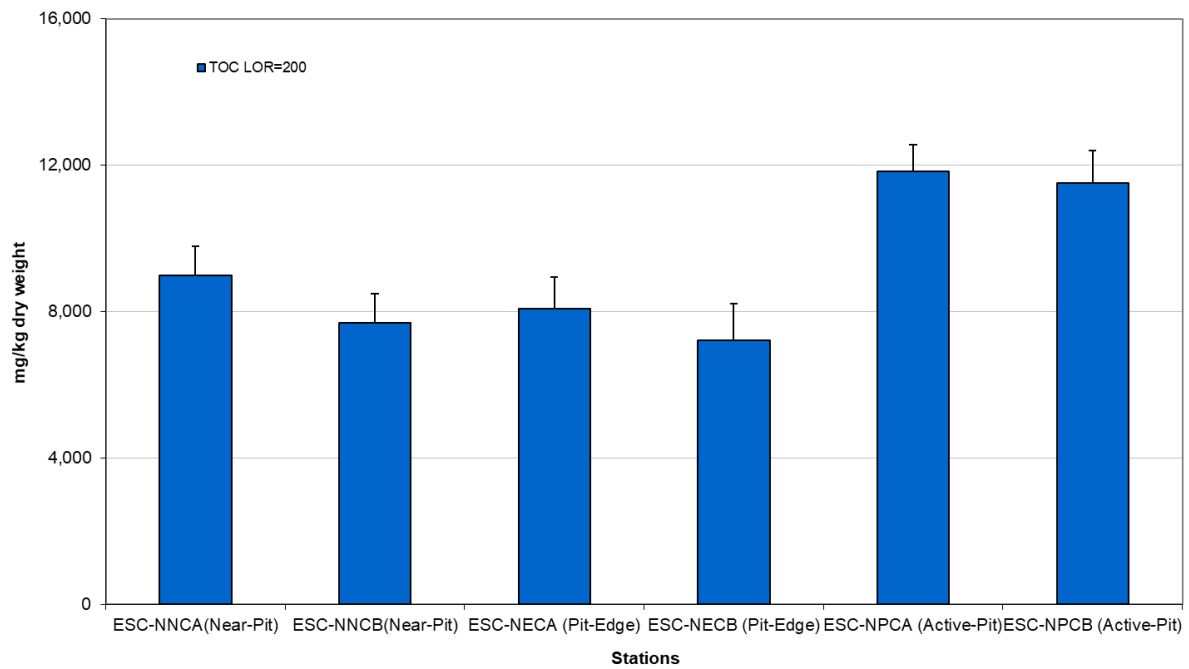


Figure 13: Concentration of Total Organic Carbon (TOC) (mg/kg dry weight; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for ESC CMP Vb in November 2020.

Pit Specific Sediment Chemistry for Low and High Molecular Weight Polycyclic Aromatics Hydrocarbons (PAHs) at ESC CMP Vb in November 2020

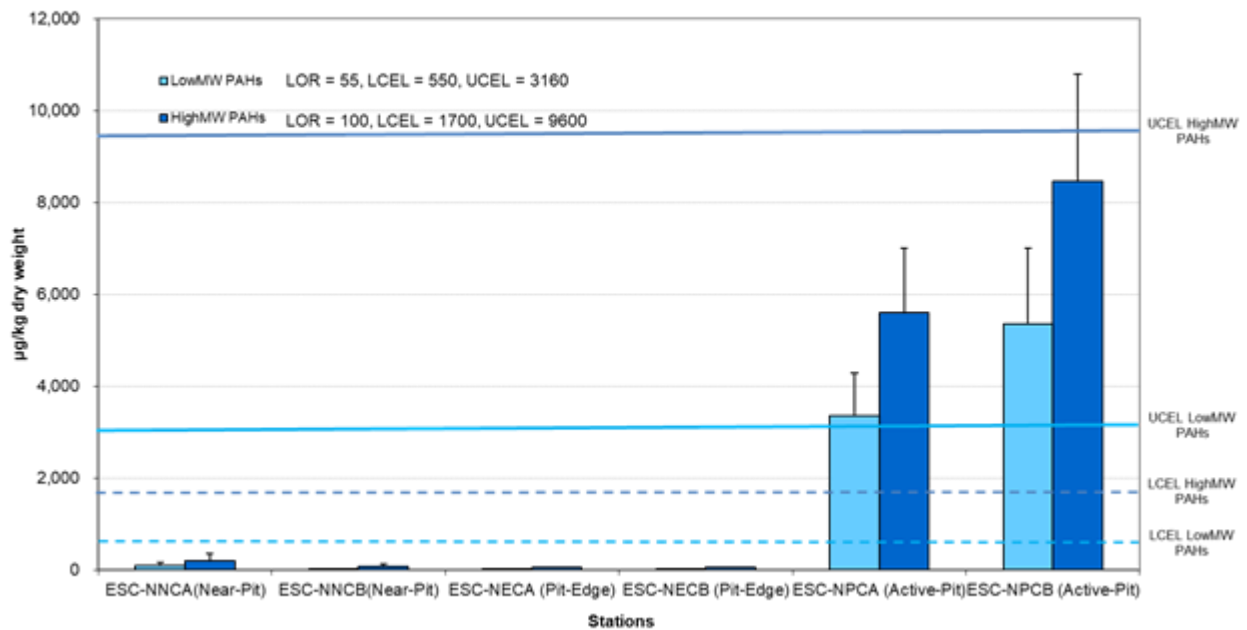


Figure 14: Concentration of Low and High Molecular Weight Polycyclic Aromatic Hydrocarbons (mg/kg dry weight; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for ESC CMP Vb in November 2020.

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Pit Specific Sediment Chemistry for Tributyltin (TBT) at ESC CMP Vb
November 2020

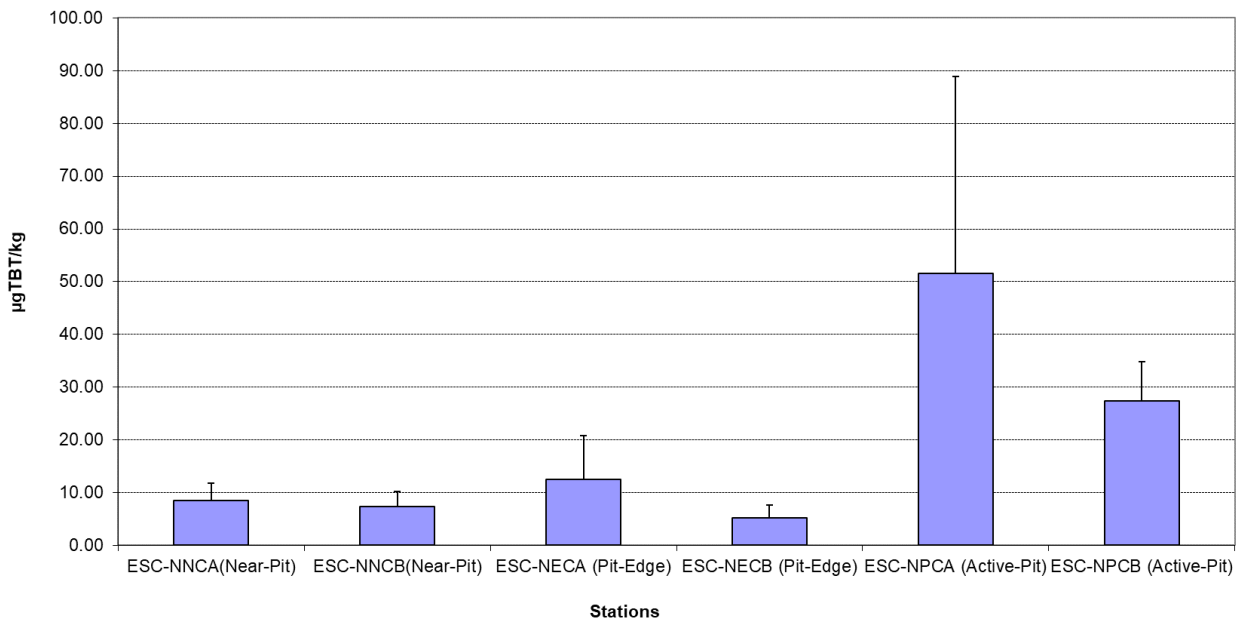


Figure 15: Concentration of Tributyltin (TBT) ($\mu\text{g TBT/kg}$; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for ESC CMP Vb in November 2020.

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