

Annex C

Graphical Presentations

Routine Water Quality Monitoring for ESC CMP V - October 2020

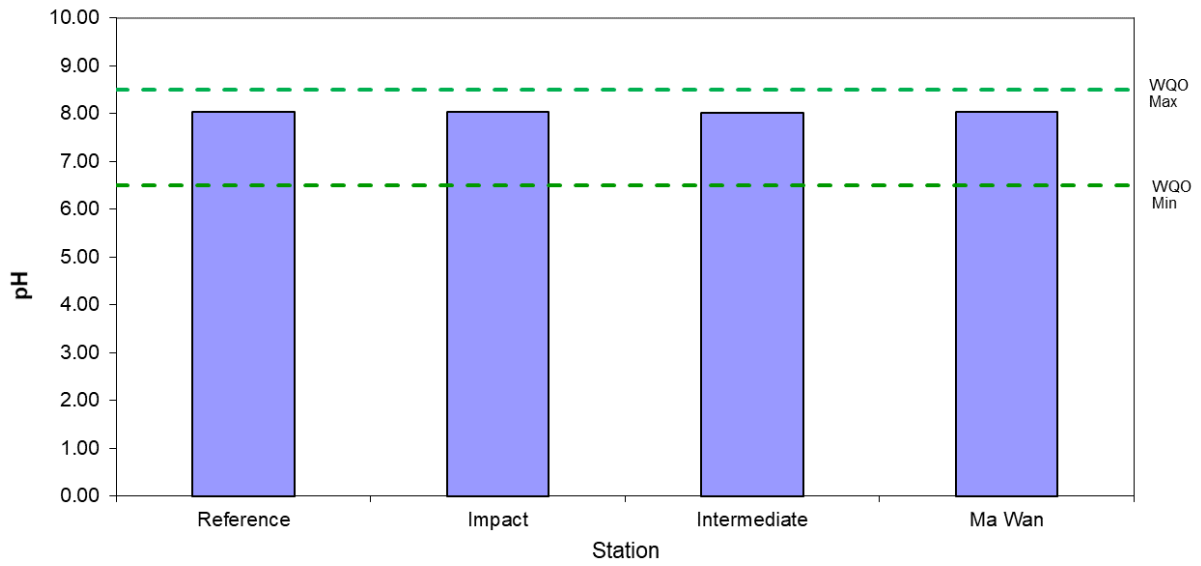


Figure 1: Level of pH recorded during Routine Water Quality Monitoring for disposal operations at ESC CMP V in October 2020.

Routine Water Quality Monitoring ESC CMP V - October 2020

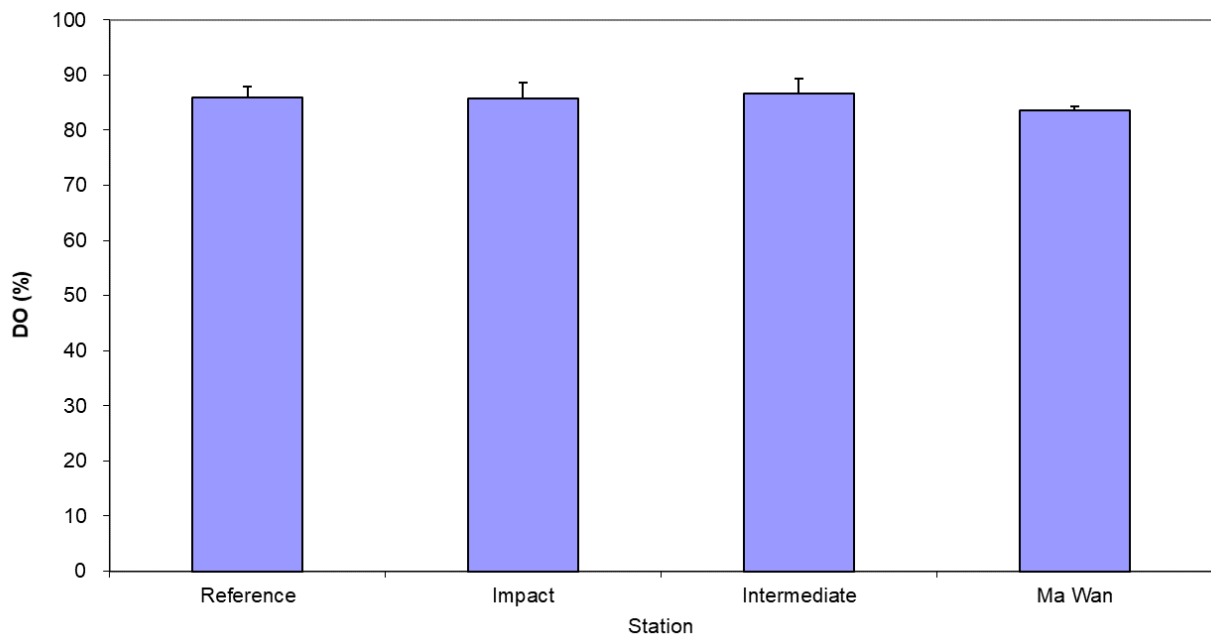


Figure 2: Level of Dissolved Oxygen (DO) (% saturation; mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at ESC CMP V in October 2020.

Source: P:\Projects\0400720 CEDD CMP EM&A 2017-2020\02 Deliverable\05 CMP Monthly Report\43 Monthly October 2020

Date: November 2020

**Environmental
Resources
Management**



Routine Water Quality Monitoring for ESC CMP V - October 2020

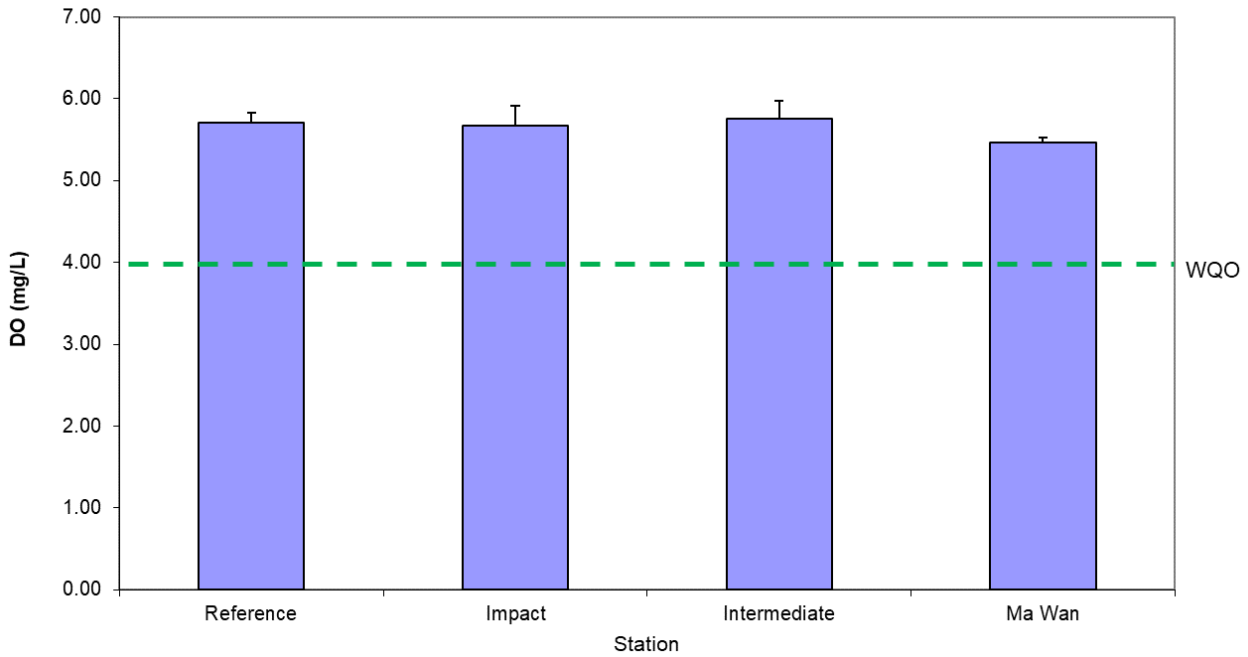


Figure 3: Concentration of Dissolved Oxygen (DO) (mg/L; mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at ESC CMP V in October 2020.

Routine Water Quality Monitoring for ESC CMP V - October 2020

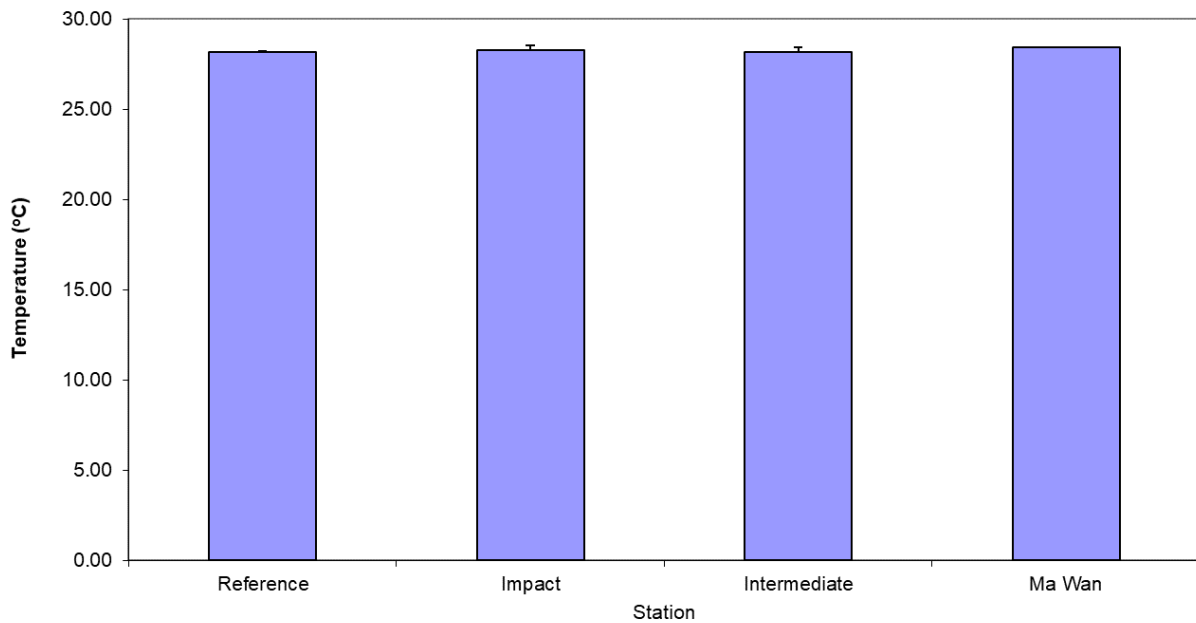


Figure 4: Level of Temperature (°C; mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at ESC CMP V in October 2020.

Source: P:\Projects\0400720 CEDD CMP EM&A 2017-2020\02 Deliverable\05 CMP Monthly Report\43 Monthly October 2020

Date: November 2020

**Environmental
Resources
Management**



Routine Water Quality Monitoring for ESC CMP V - October 2020

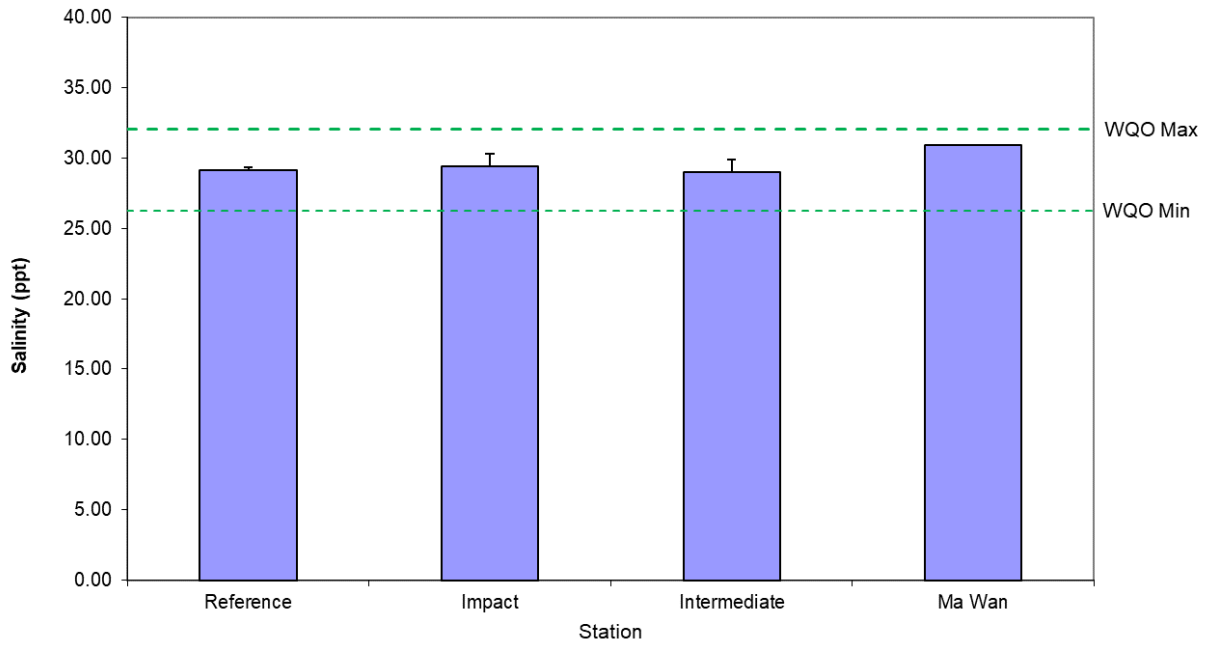


Figure 5: Level of Salinity (ppt; mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at ESC CMP V in October 2020.

Routine Water Quality Monitoring for ESC CMP V - October 2020

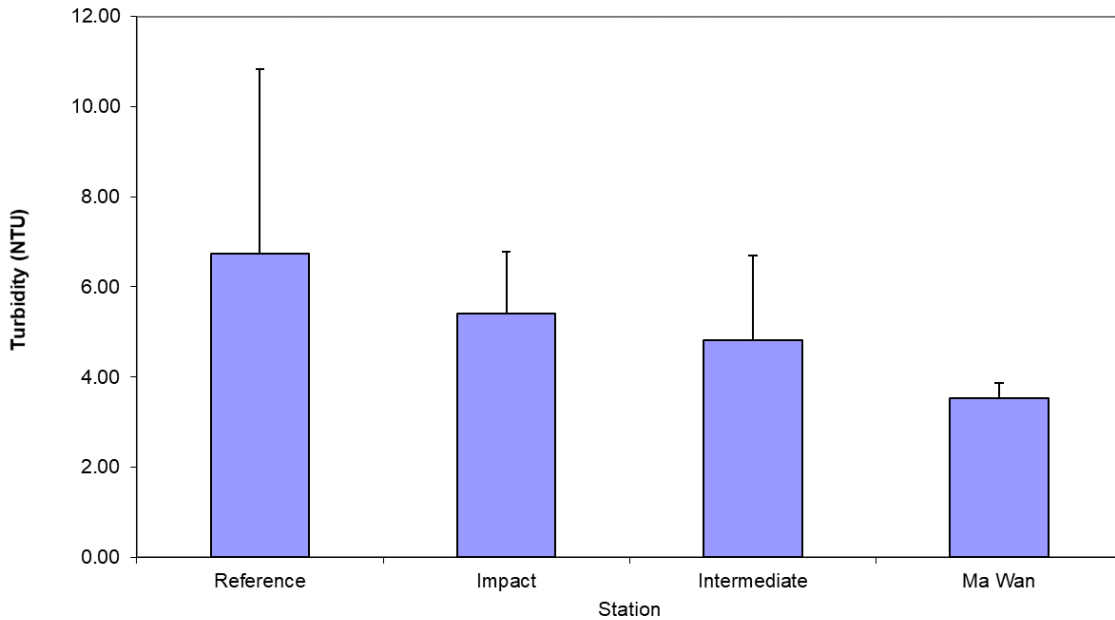


Figure 6: Levels of Turbidity (NTU; mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at ESC CMP V in October 2020.

Source: P:\Projects\0400720 CEDD CMP EM&A 2017-2020\02 Deliverable\05 CMP Monthly Report\43 Monthly October 2020

Date: November 2020

**Environmental
Resources
Management**



**Routine Water Quality Monitoring for ESC CMP V
October 2020**

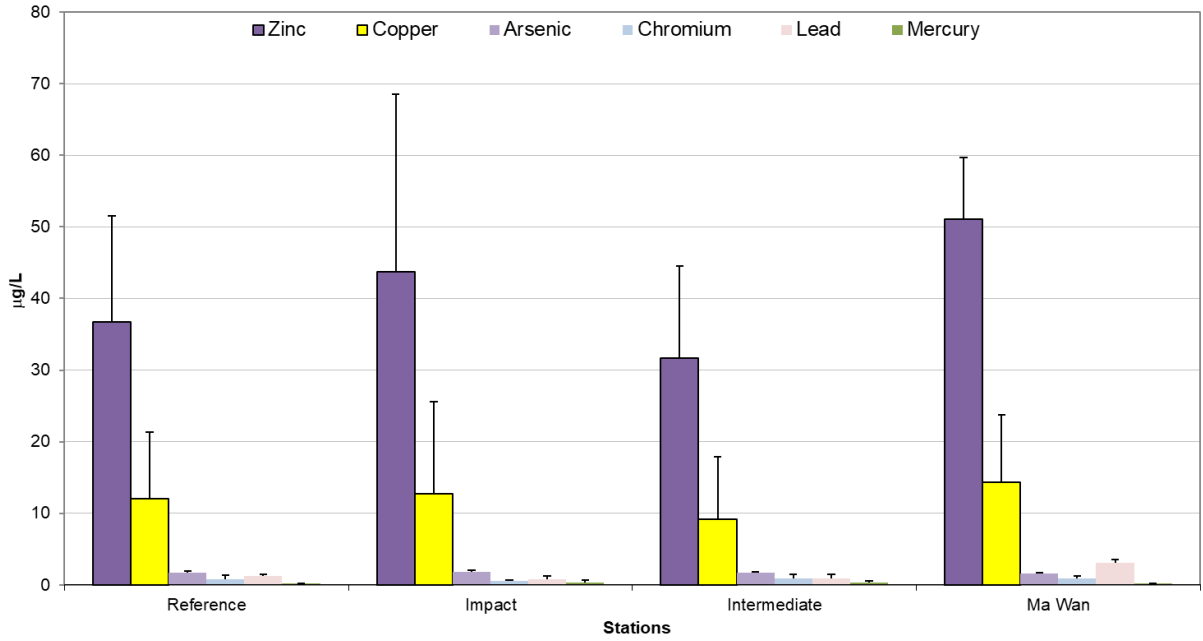


Figure 7: Concentration of Arsenic, Chromium, Copper, Lead, Mercury and Zinc (µg/L; mean + SD) in water samples collected from Routine Water Quality Monitoring for disposal operations at ESC CMP V in October 2020.

**Routine Water Quality Monitoring Results for Nutrients
October 2020**

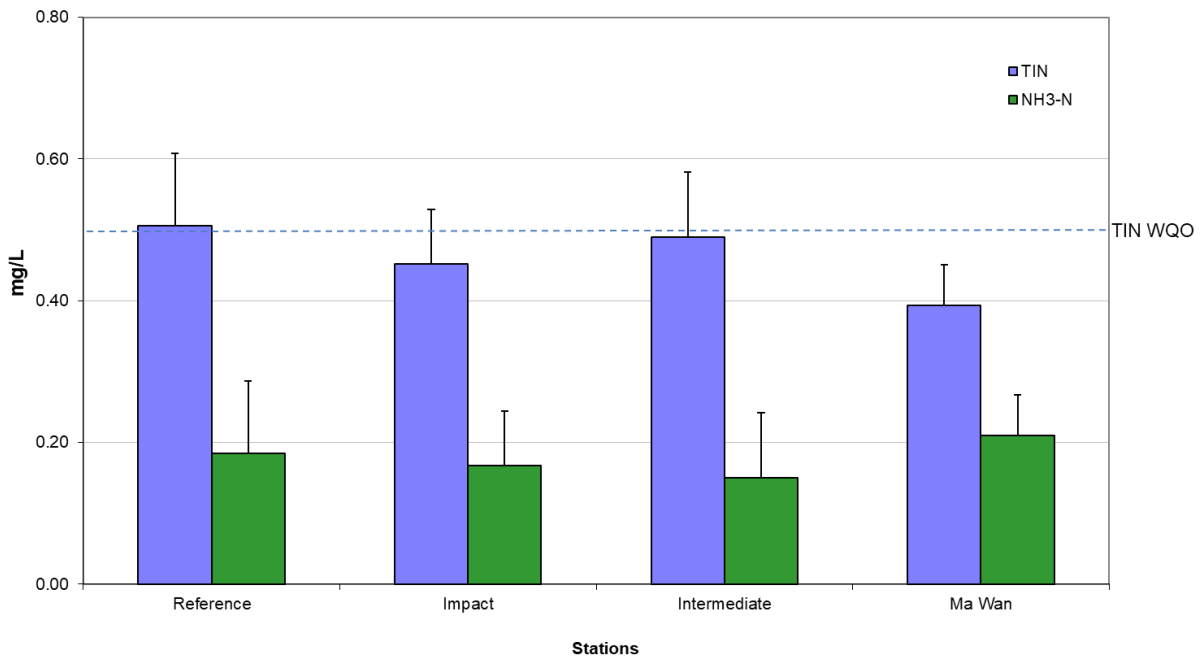


Figure 8: Concentration of Total Inorganic Nitrogen (TIN) and Ammonia Nitrogen (NH3-N) (mg/L; mean + SD) in water samples collected from Routine Water Quality Monitoring for disposal operations at ESC CMP V in October 2020.

Source: P:\Projects\0400720 CEDD CMP EM&A 2017-2020\02 Deliverable\05 CMP Monthly Report\43 Monthly October 2020

Date: November 2020

**Environmental
Resources
Management**



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

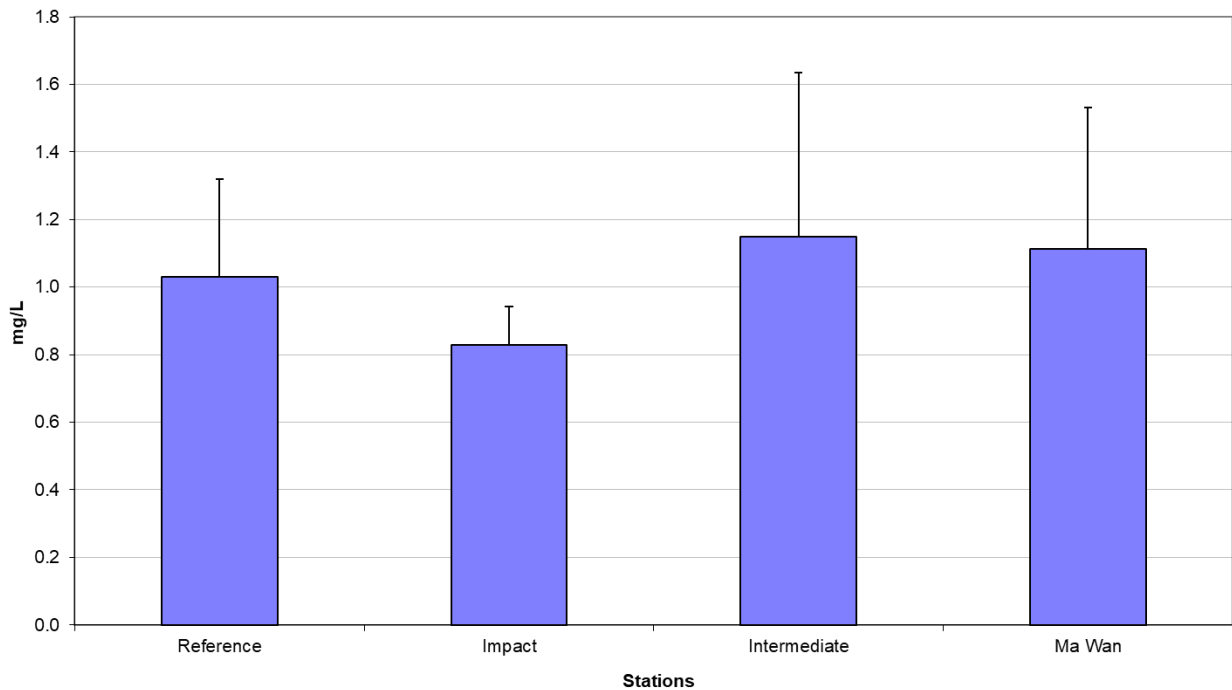


Figure 9: Level of Biochemical Oxygen Demand (BOD₅) (mg/L; mean + SD) in water samples collected from Routine Water Quality Monitoring for disposal operations at ESC CMP V in October 2020.

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

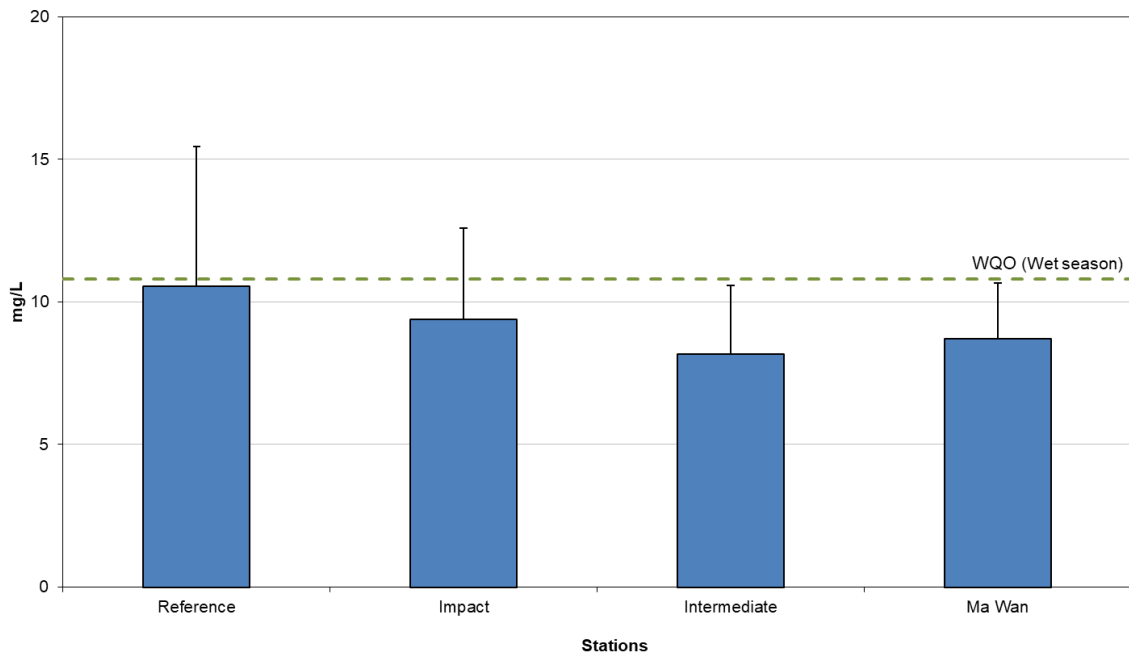


Figure 10: Concentration of Suspended Solids (SS) (mg/L; mean + SD) in water samples collected from Routine Water Quality Monitoring for disposal operations at ESC CMP V in October 2020.

Source: P:\Projects\0400720 CEDD CMP EM&A 2017-2020\02 Deliverable\05 CMP Monthly Report\43 Monthly October 2020

Date: November 2020

**Environmental
Resources
Management**



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

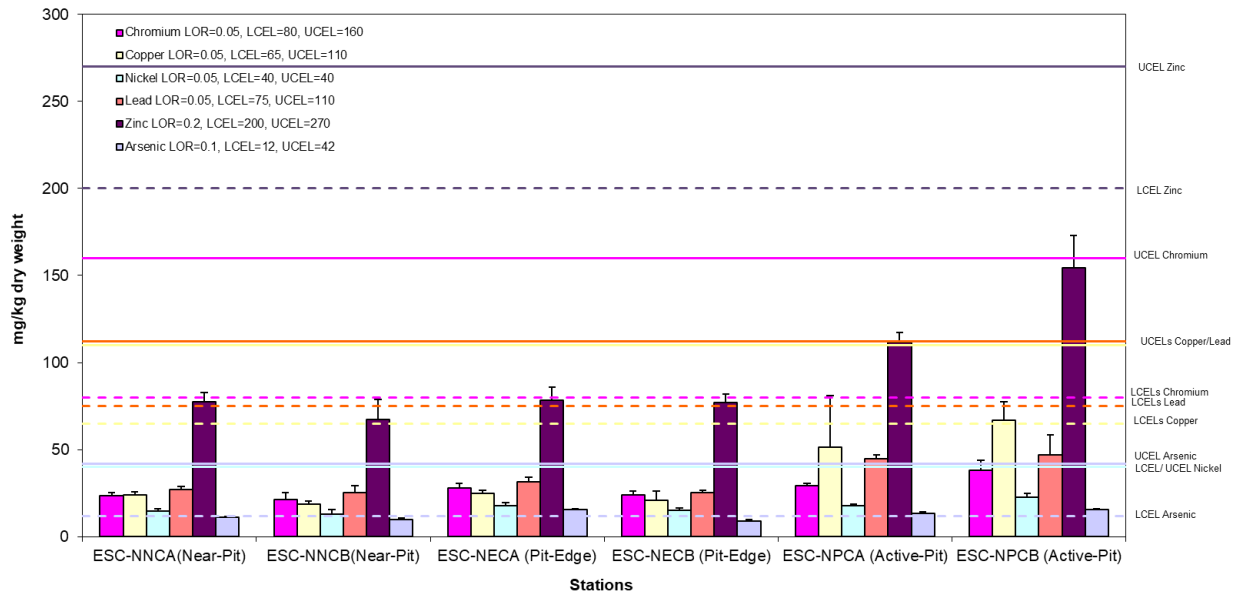


Figure 11: Concentration of Metals and Metalloid (Cr, Cu, Ni, Pb, Zn, As; mg/kg dry weight; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for ESC CMP Vb in October 2020.

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

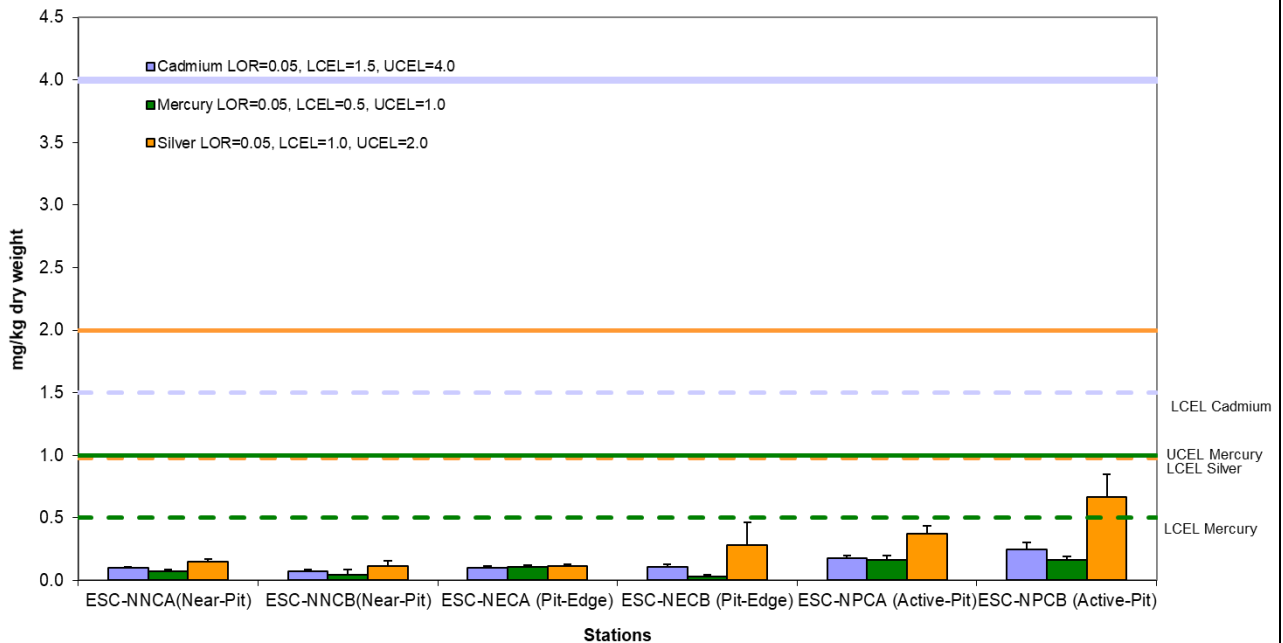


Figure 12: Concentration of Metals (Cd, Hg, Ag; mg/kg dry weight; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for ESC CMP Vb in October 2020.

Source: P:\Projects\0400720 CEDD CMP EM&A 2017-2020\02 Deliverable\05 CMP Monthly Report\43 Monthly October 2020

Date: November 2020

**Environmental
Resources
Management**



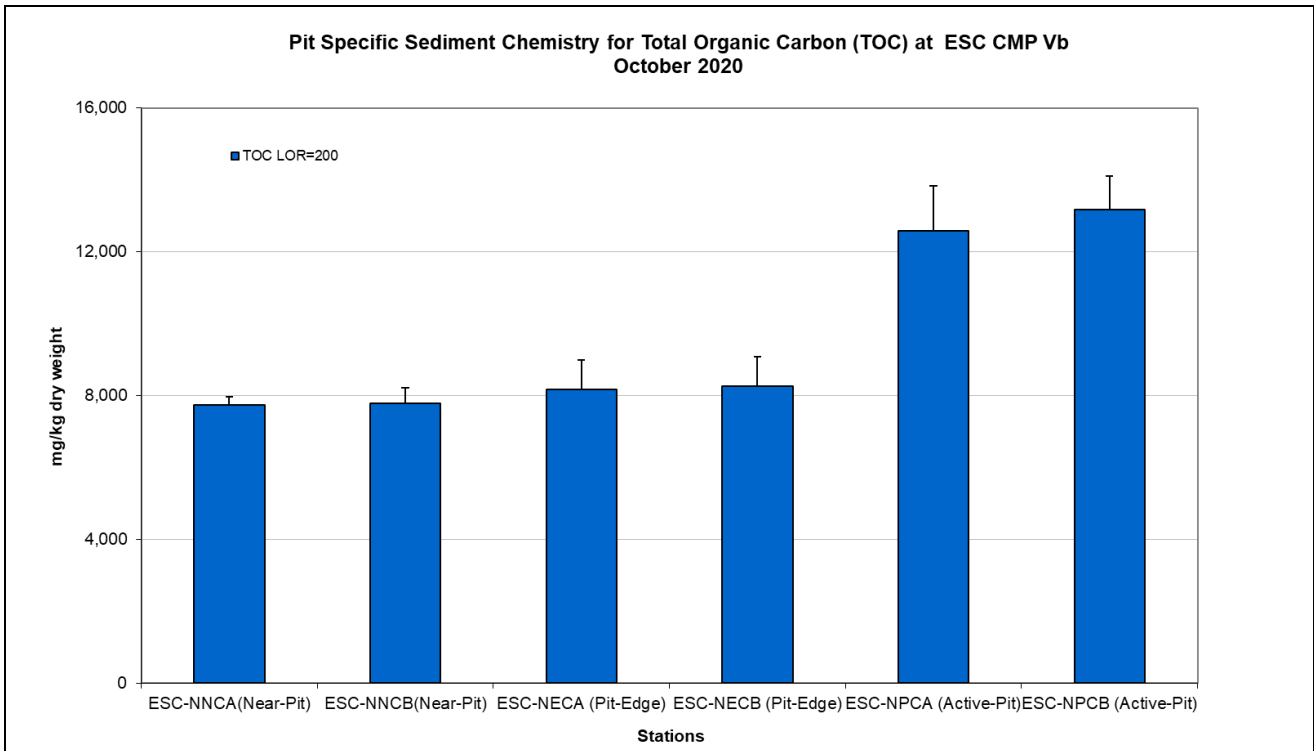


Figure 13: Concentration of Total Organic Carbon (TOC) (mg/kg dry weight; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for ESC CMP Vb in October 2020.

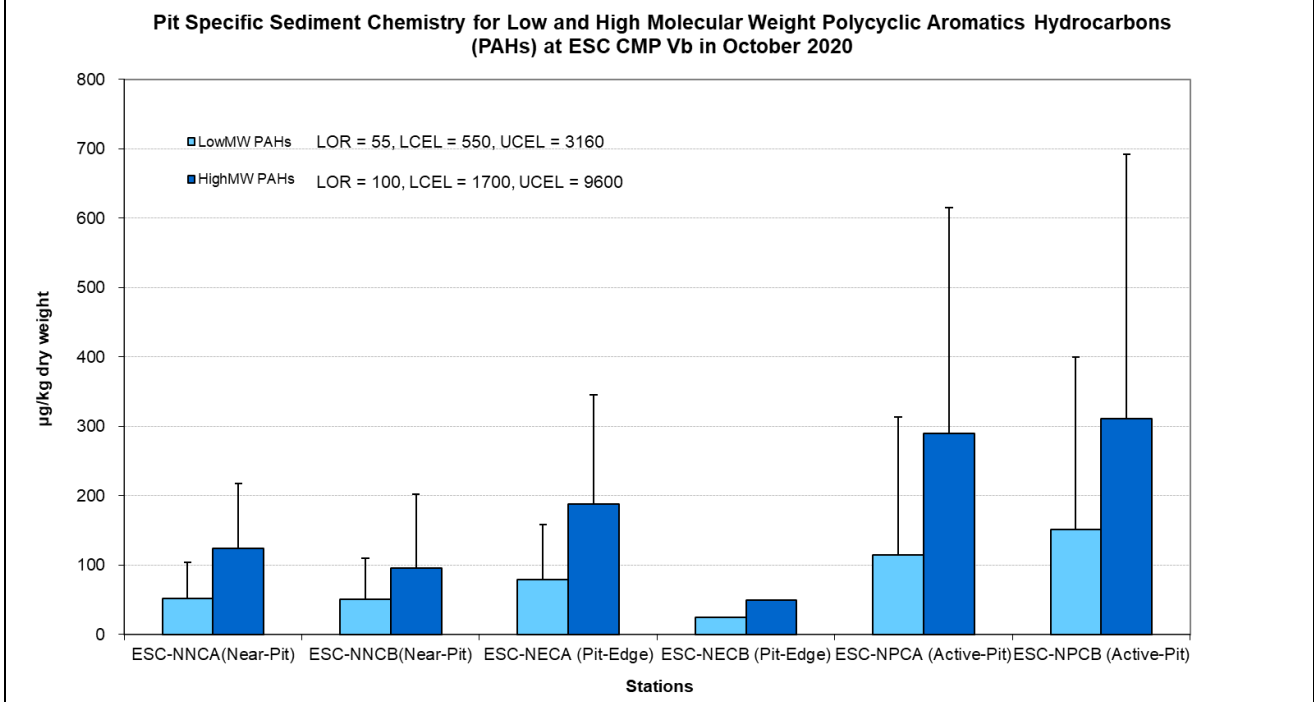


Figure 14: Concentration of Low and High Molecular Weight Polycyclic Aromatic Hydrocarbons (mg/kg dry weight; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for ESC CMP Vb in October 2020.

Source: P:\Projects\0400720 CEDD CMP EM&A 2017-2020\02 Deliverable\05 CMP Monthly Report\43 Monthly October 2020

Date: November 2020

**Environmental
Resources
Management**



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

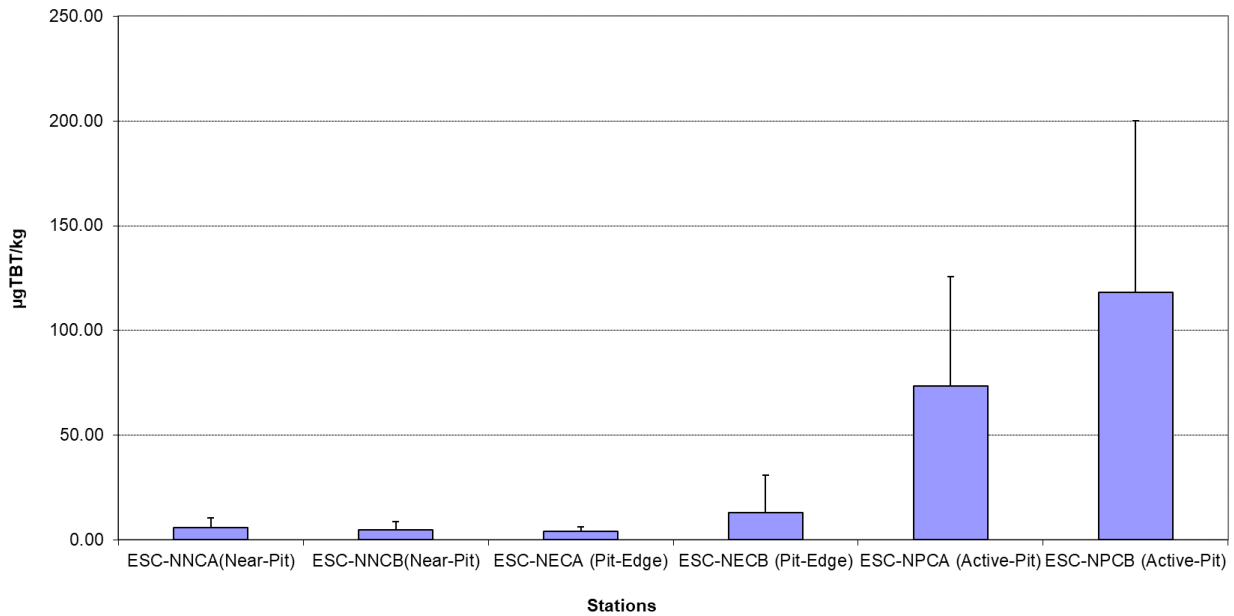


Figure 15: Concentration of Tributyltin (TBT) ($\mu\text{g TBT/kg}$; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for ESC CMP Vb in October 2020.

Sediment Chemistry after a Major Storm for Metal and Metalloid Contaminants at ESC CMPs
October 2020

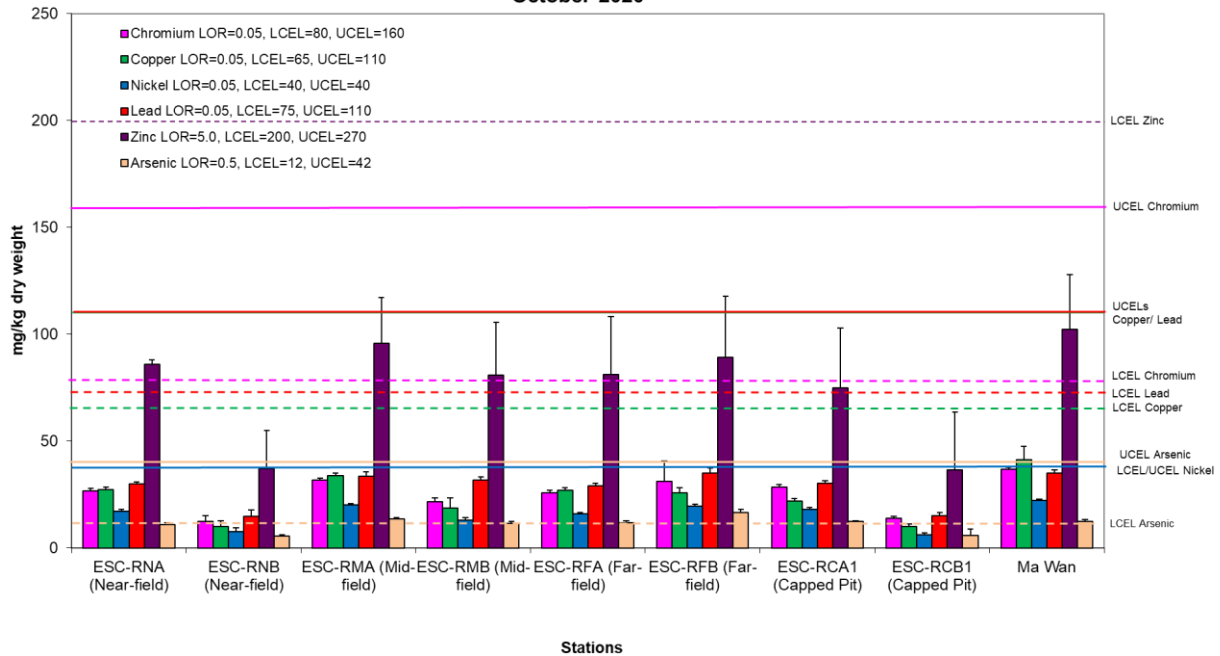


Figure 16: Concentration of Metals (Cr, Cu, Ni, Pb, Zn, As; mean +SD) in sediment samples collected from Sediment Chemistry after a Major Storm for ESC CMPs in October 2020.

Source: P:\Projects\0400720 CEDD CMP EM&A 2017-2020\02 Deliverable\05 CMP Monthly Report\43 Monthly October 2020

Date: November 2020

**Environmental
Resources
Management**



**Sediment Chemistry after a Major Storm for Metal Contaminants at ESC CMPs
October 2020**

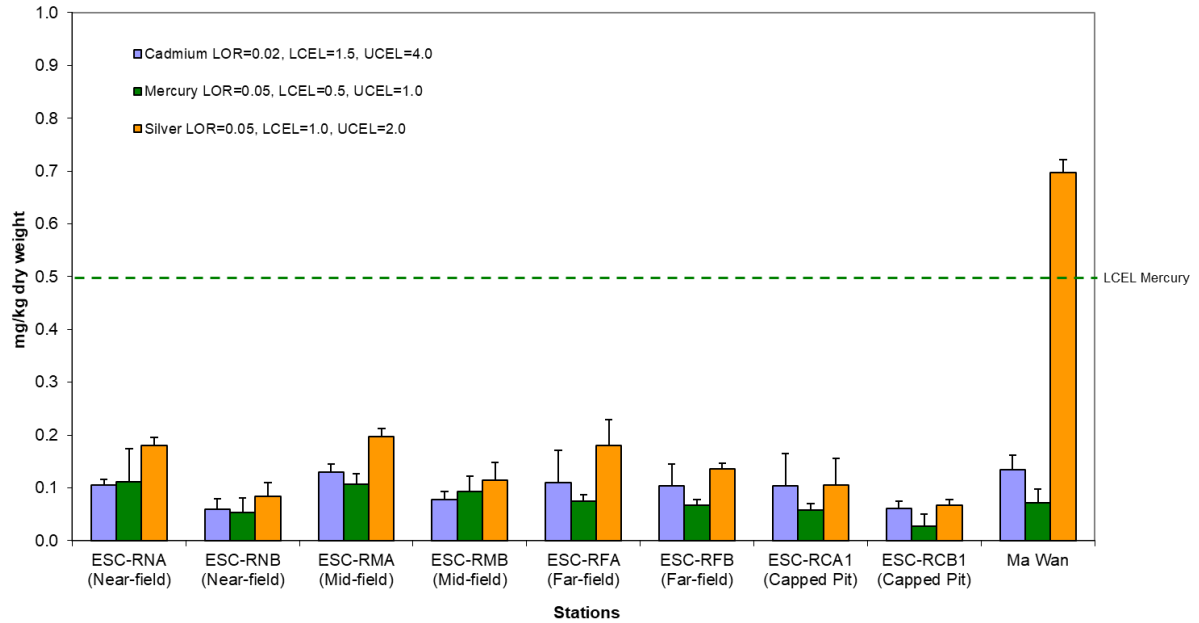


Figure 17: Concentration of Metals (Cd, Hg, Ag; mean +SD) in sediment samples collected from Sediment Chemistry after a Major Storm for ESC CMPs in October 2020.

Source: P:\Projects\0400720 CEDD CMP EM&A 2017-2020\02 Deliverable\05 CMP Monthly Report\43 Monthly October 2020

Date: November 2020

**Environmental
Resources
Management**

