

**Pit Specific Sediment Chemistry for Metal Contaminants at CMP Va
June 2013**

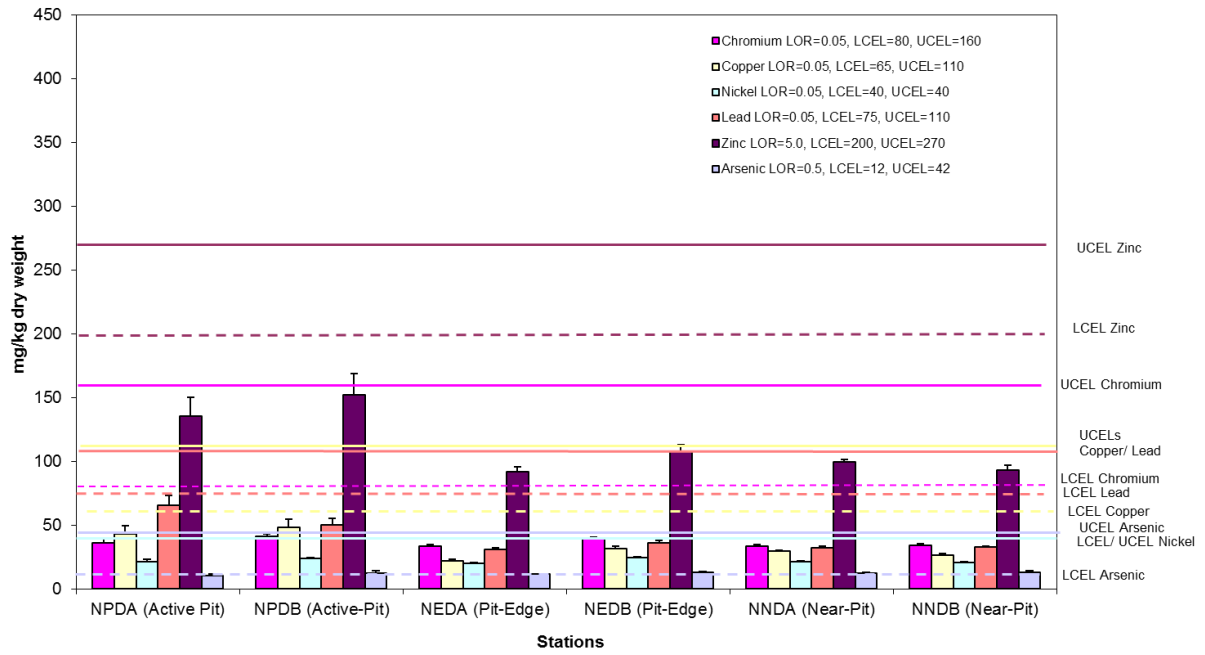


Figure 1: Concentration of Metals (Cr, Cu, Ni, Pb, Zn, As; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for CMP Va in June 2013.

**Pit Specific Sediment Chemistry for Metal Contaminants at CMP Va
June 2013**

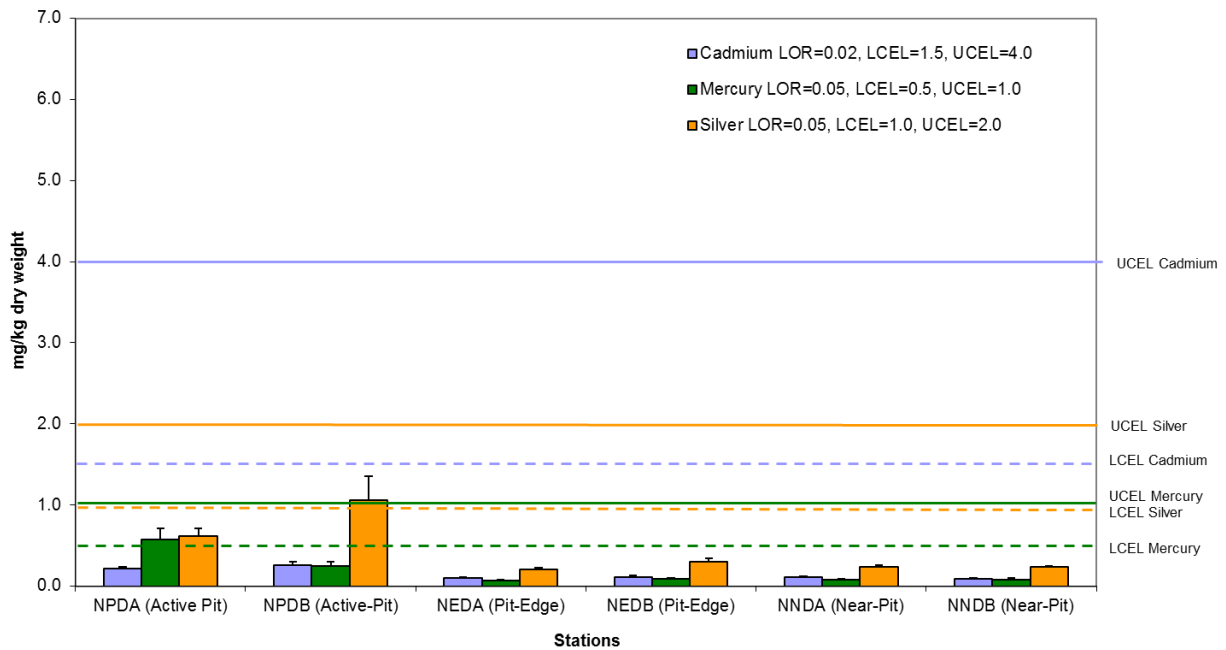


Figure 2: Concentration of Metals (Cd, Hg, Ag; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for CMP Va in June 2013.

**Pit Specific Sediment Chemistry for Total Organic Carbon (TOC) at CMP Va
June 2013**

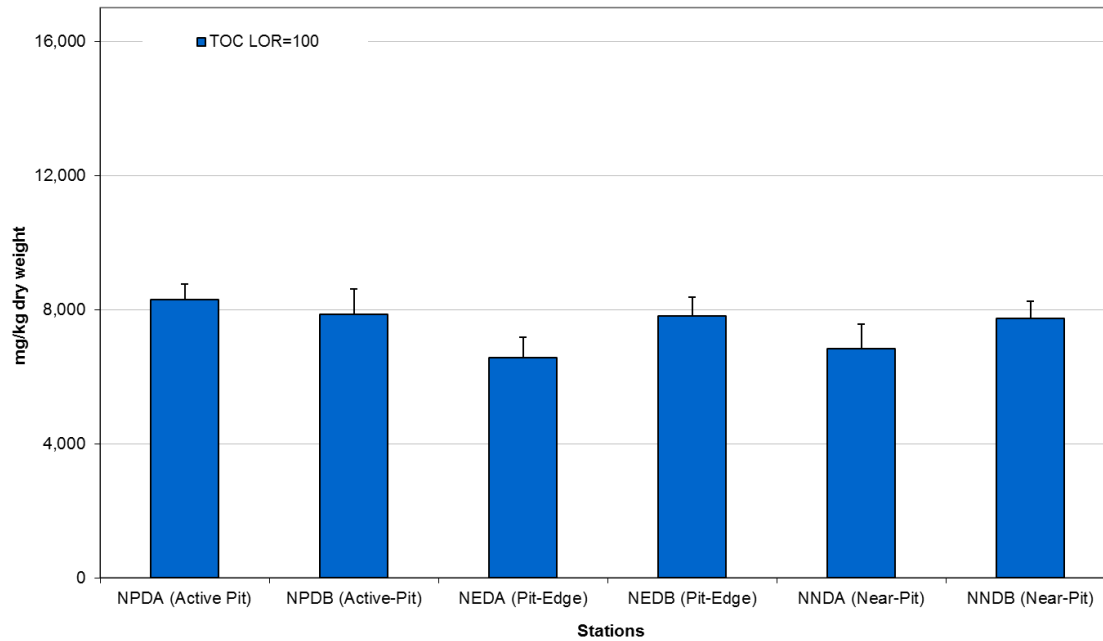


Figure 3: Concentration of Total Organic Carbon (mg/kg dry weight; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for CMP Va in June 2013.

Pit Specific Sediment Chemistry for Tributyltin (TBT) at CMP Va in June 2013

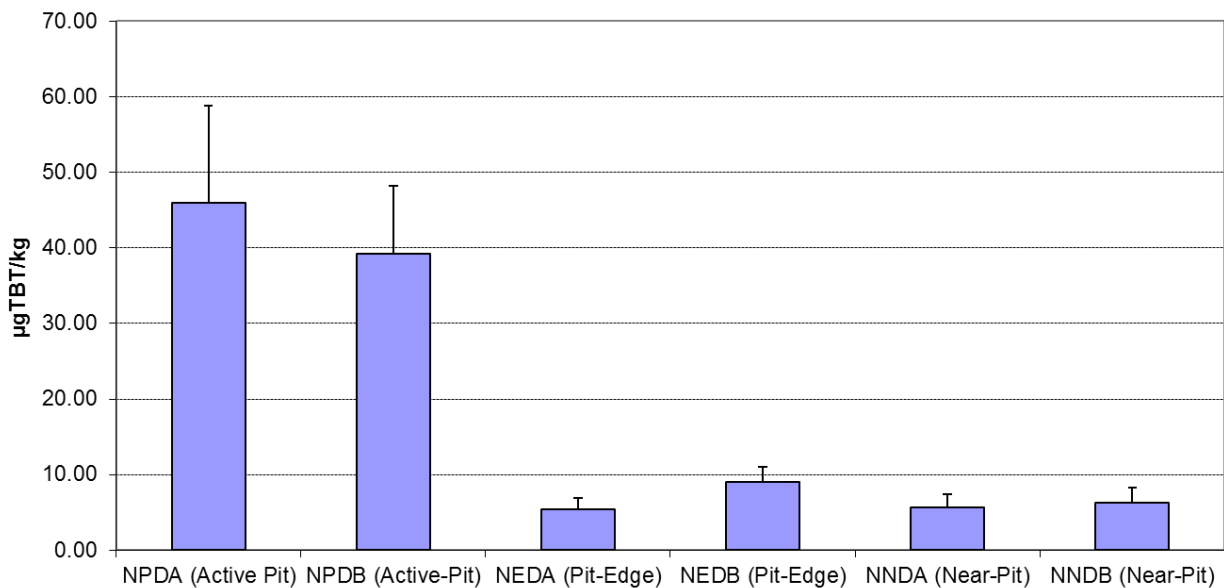


Figure 4: Concentration of Tributyltin (µg TBT/kg; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring of CMP Va in June 2013.

Pit Specific Sediment Chemistry for Low and High Molecular Weight Polycyclic Aromatics Hydrocarbons (PAHs) at CMP Va in June 2013

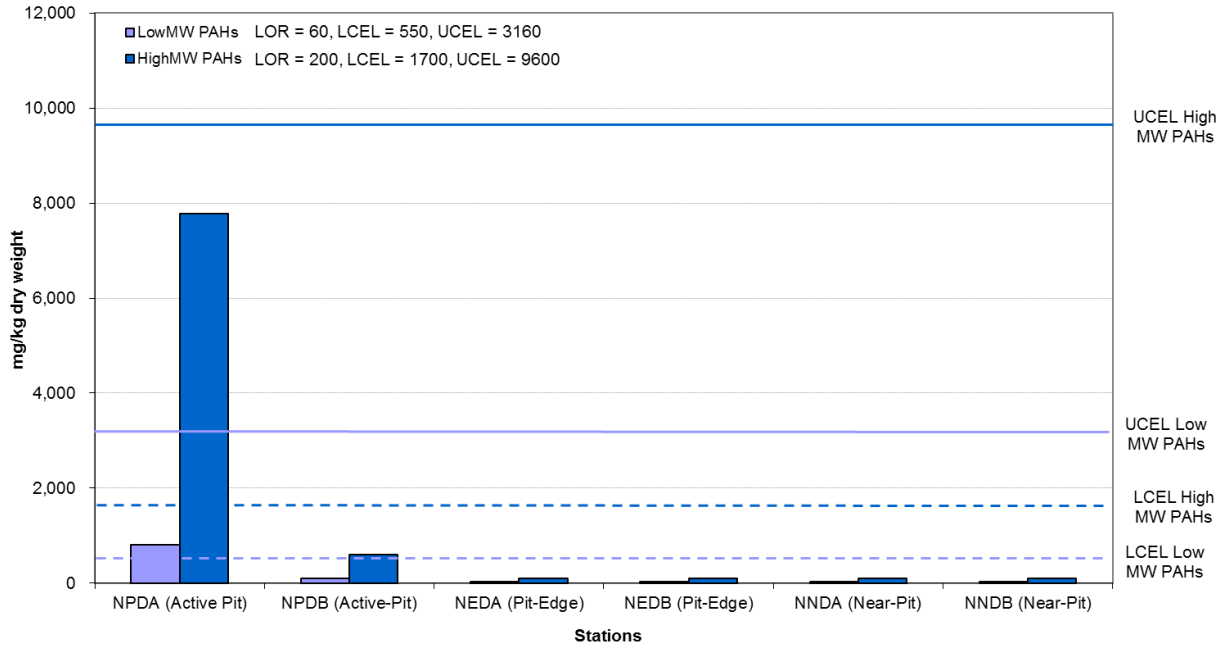


Figure 5: Concentration of Low and High Molecular Weight Polycyclic Aromatics Hydrocarbons (PAHs) ($\mu\text{g}/\text{kg}$; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for CMP Va in June 2013.

Pit Specific Sediment Chemistry for Metal Contaminants at CMP Va July 2013

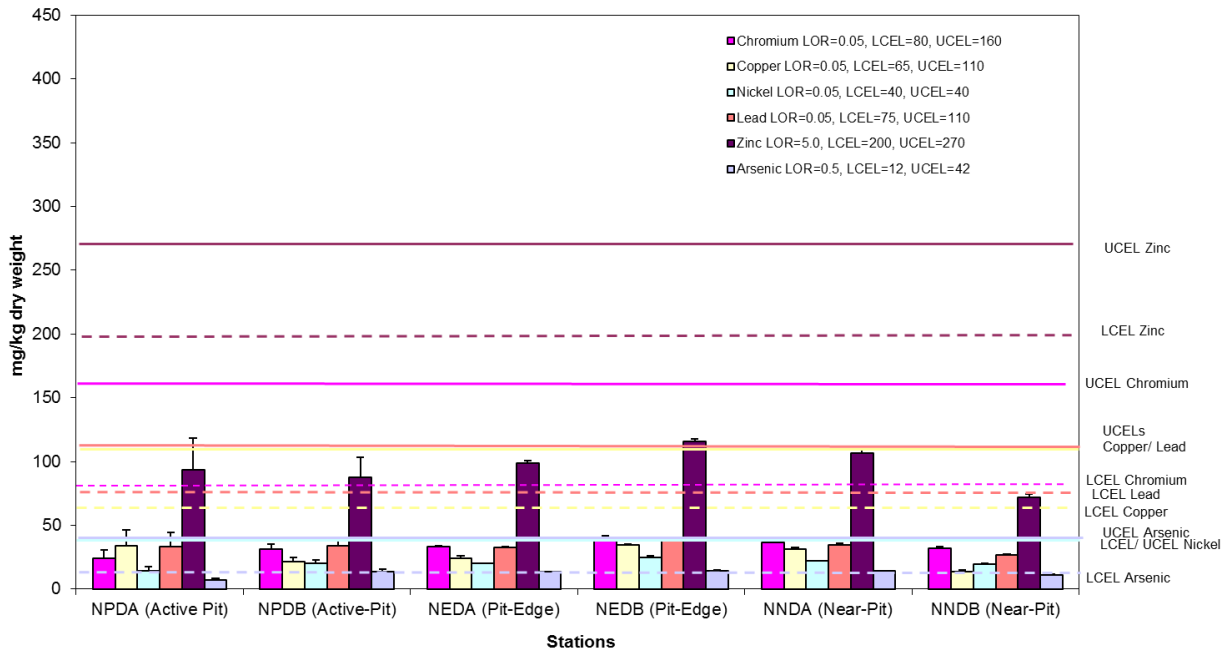


Figure 6: Concentration of Metals (Cr, Cu, Ni, Pb, Zn, As; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for CMP Va in July 2013.

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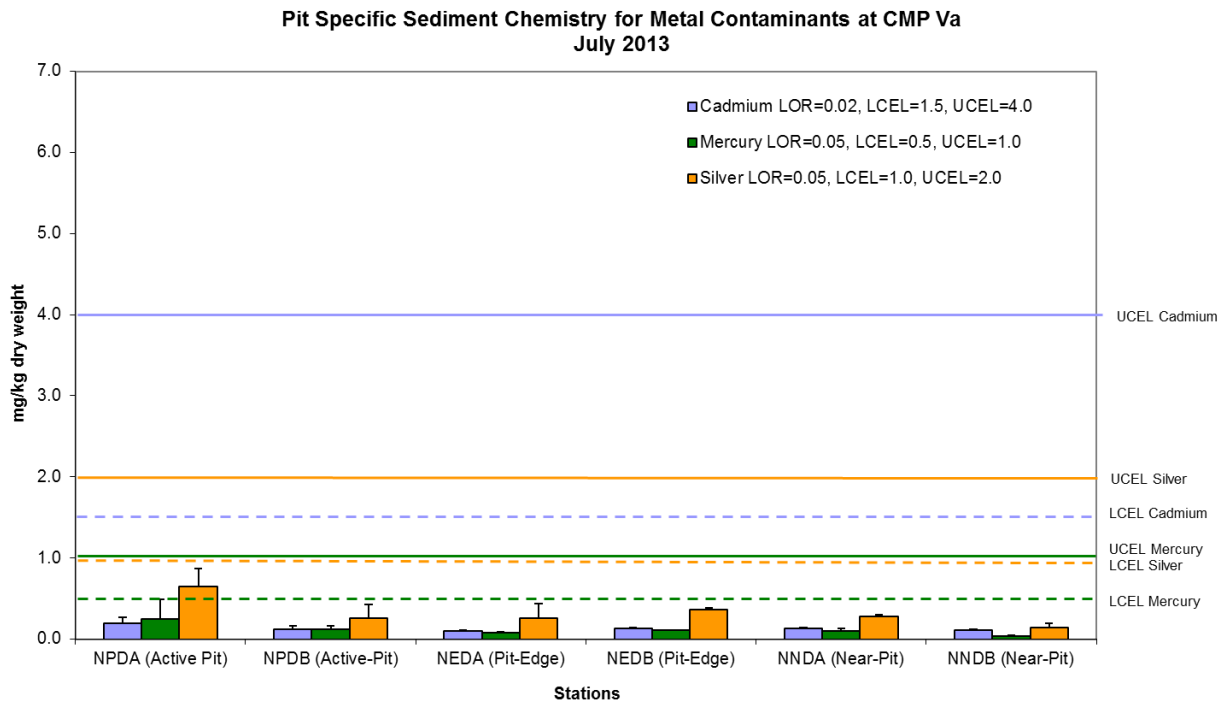


Figure 7: Concentration of Metals (Cd, Hg, Ag; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for CMP Va in July 2013.

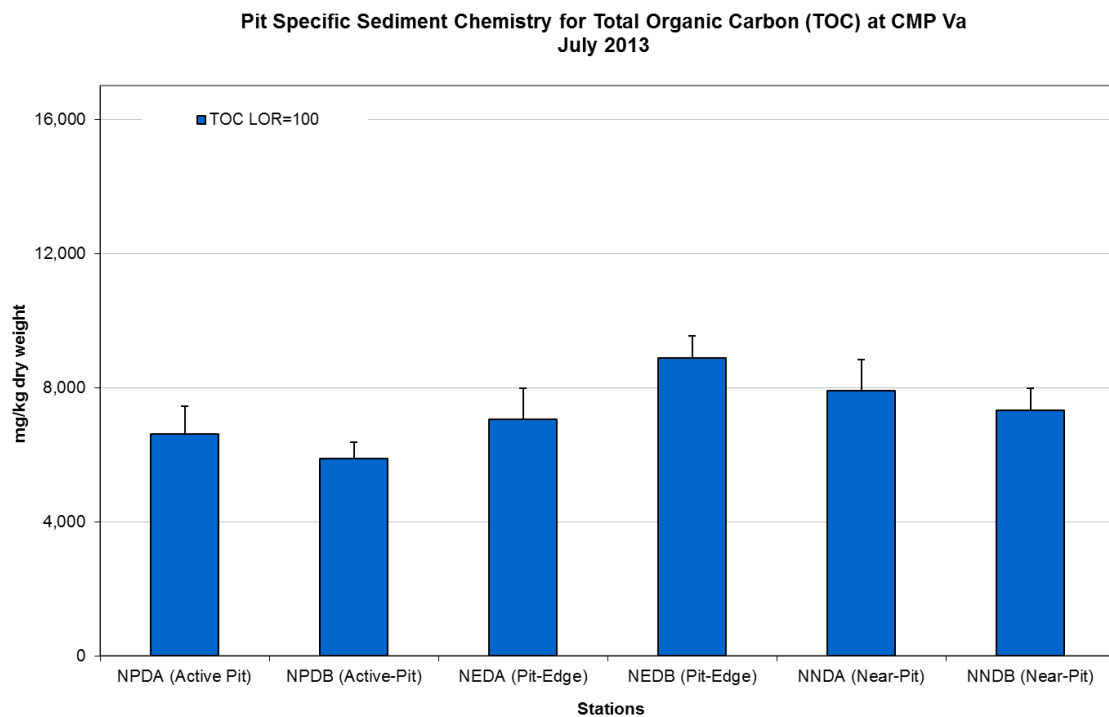


Figure 8: Concentration of Total Organic Carbon (mg/kg dry weight; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for CMP Va in July 2013.

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Pit Specific Sediment Chemistry for Tributyltin (TBT) at CMP Va in July 2013

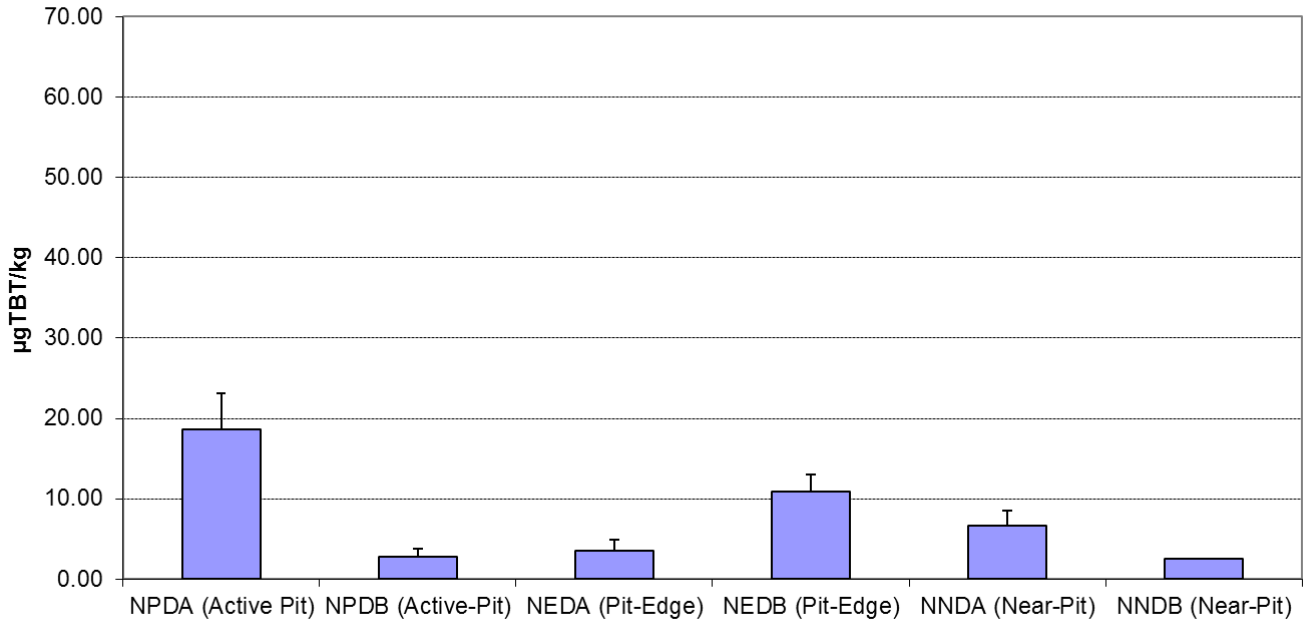


Figure 9: Concentration of Tributyltin ($\mu\text{g TBT/kg}$; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring of CMP Va in July 2013.

Pit Specific Sediment Chemistry for Low and High Molecular Weight Polycyclic Aromatics Hydrocarbons (PAHs) at CMP Va in July 2013

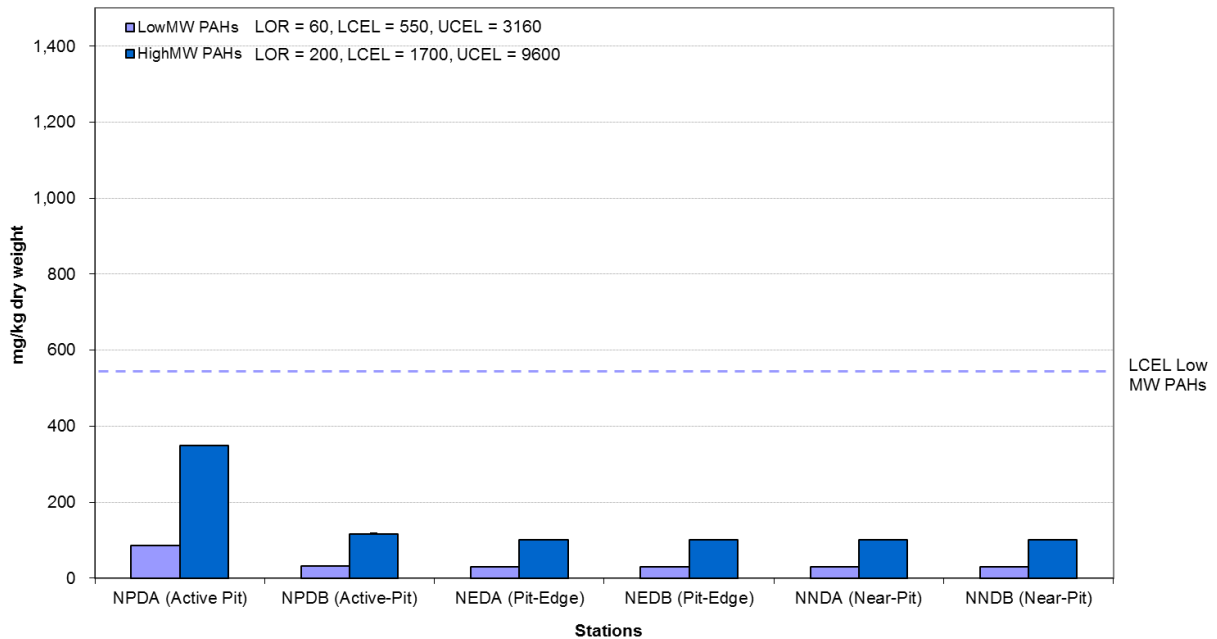


Figure 10: Concentration of Low and High Molecular Weight Polycyclic Aromatics Hydrocarbons (PAHs) ($\mu\text{g/kg}$; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for CMP Va in July 2013.

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Routine Water Quality Monitoring for CMP V - August 2013

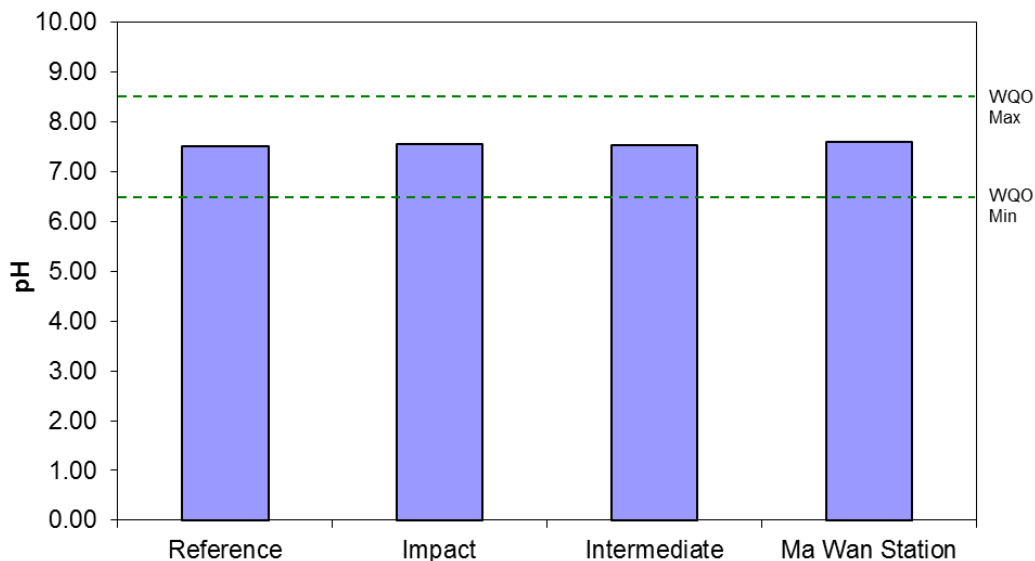


Figure 11: Level of pH (mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at CMP Va in August 2013.

Routine Water Quality Monitoring for CMP V - August 2013

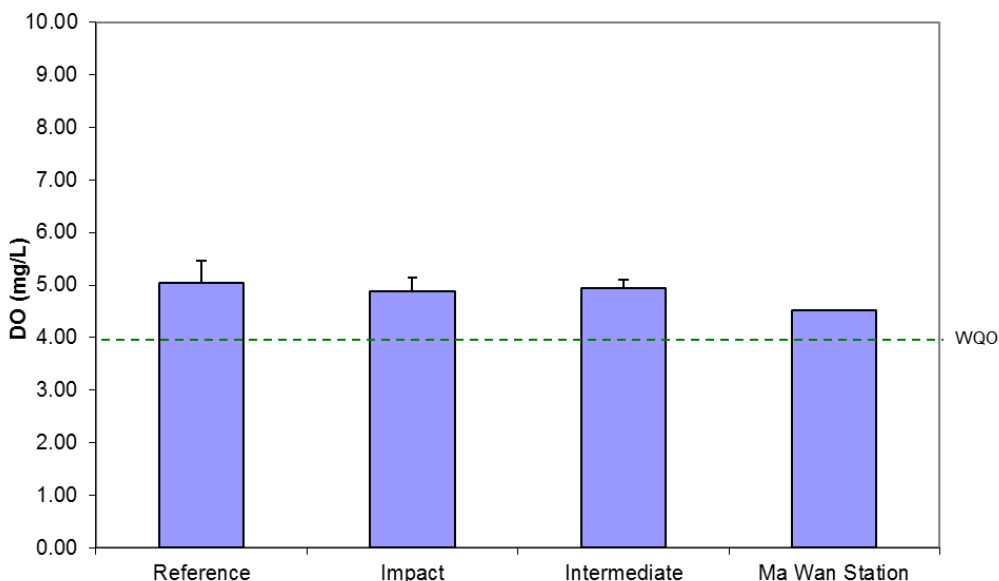


Figure 12: Concentration of Dissolved Oxygen (mg/L; mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at CMP Va in August 2013.

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Routine Water Quality Monitoring for CMP V - August 2013

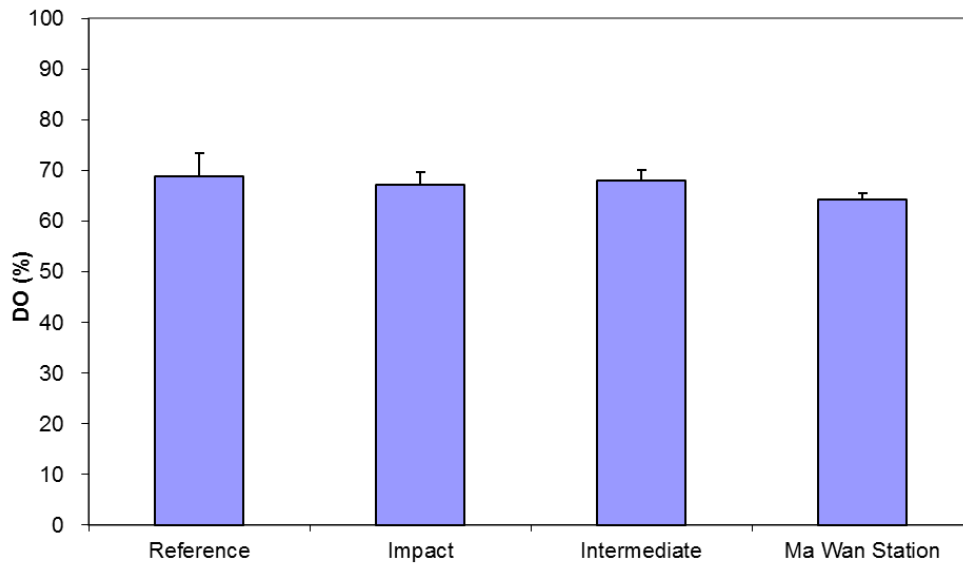


Figure 13: Level of Dissolved Oxygen (% saturation; mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at CMP Va in August 2013.

Routine Water Quality Monitoring for CMP V - August 2013

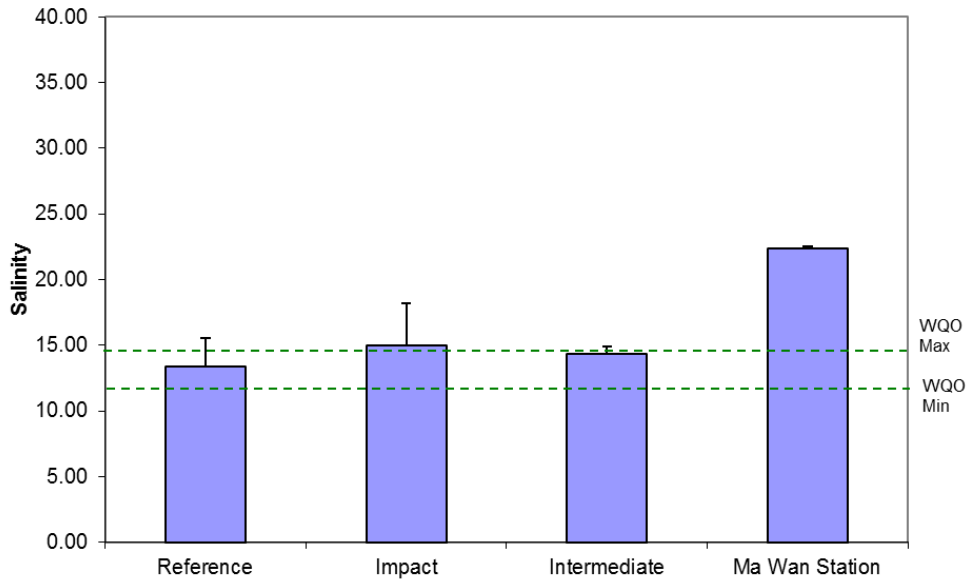


Figure 14: Level of Salinity (mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at CMP Va in August 2013.

Routine Water Quality Monitoring for CMP V - August 2013

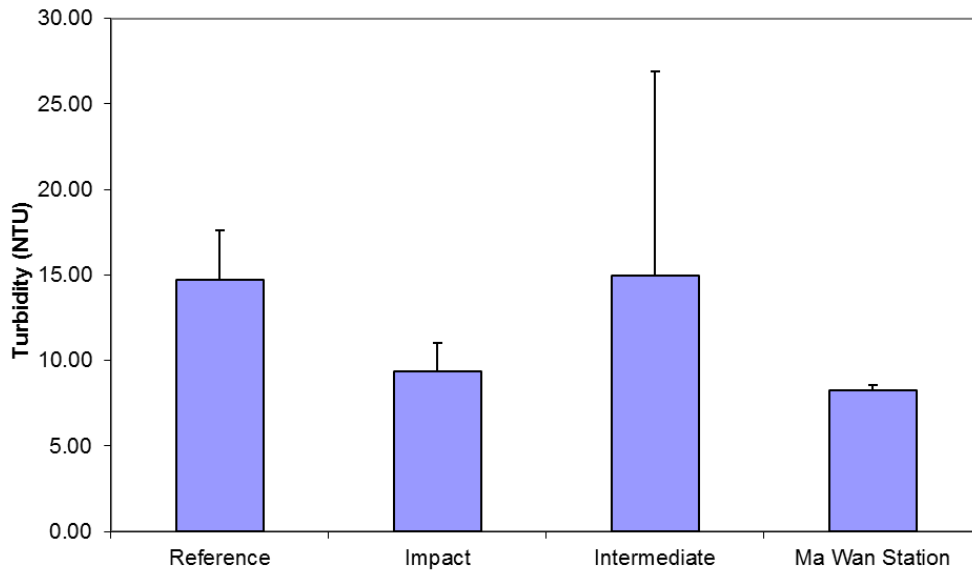


Figure 15: Level of Turbidity (NTU; mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at CMP Va in August 2013.

**Routine Water Quality Monitoring Results for Metals
August 2013**

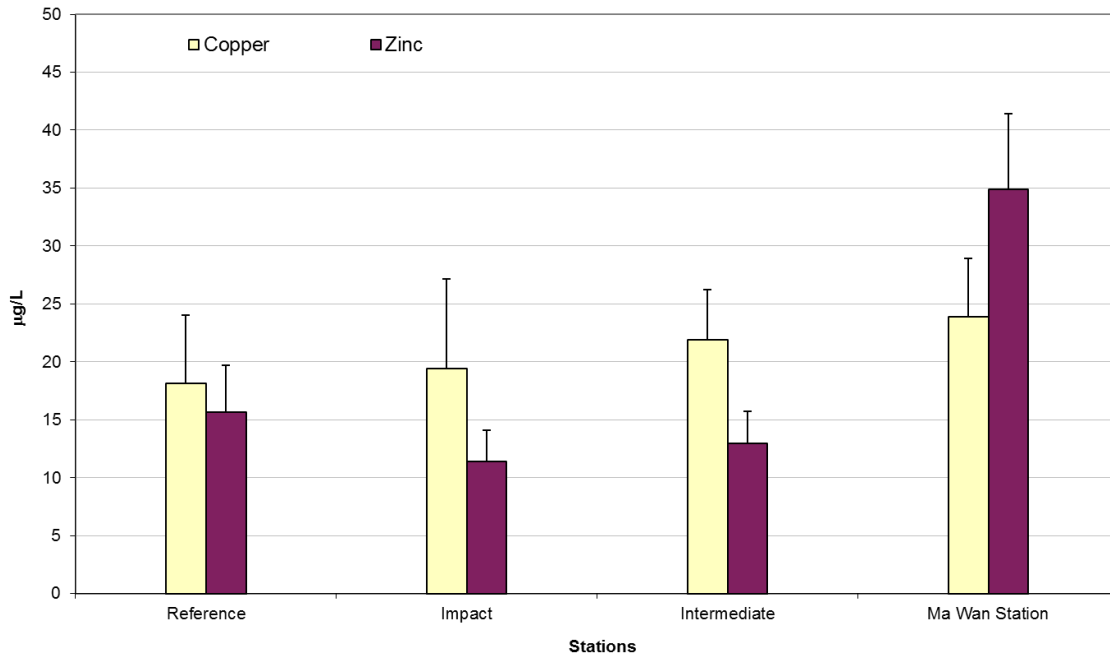


Figure 16: Concentration of Copper and Zinc (mean + SD) in water samples collected from Routine Water Quality Monitoring for disposal operations at CMP Va in August 2013.

**Routine Water Quality Monitoring Results for Metals
August 2013**

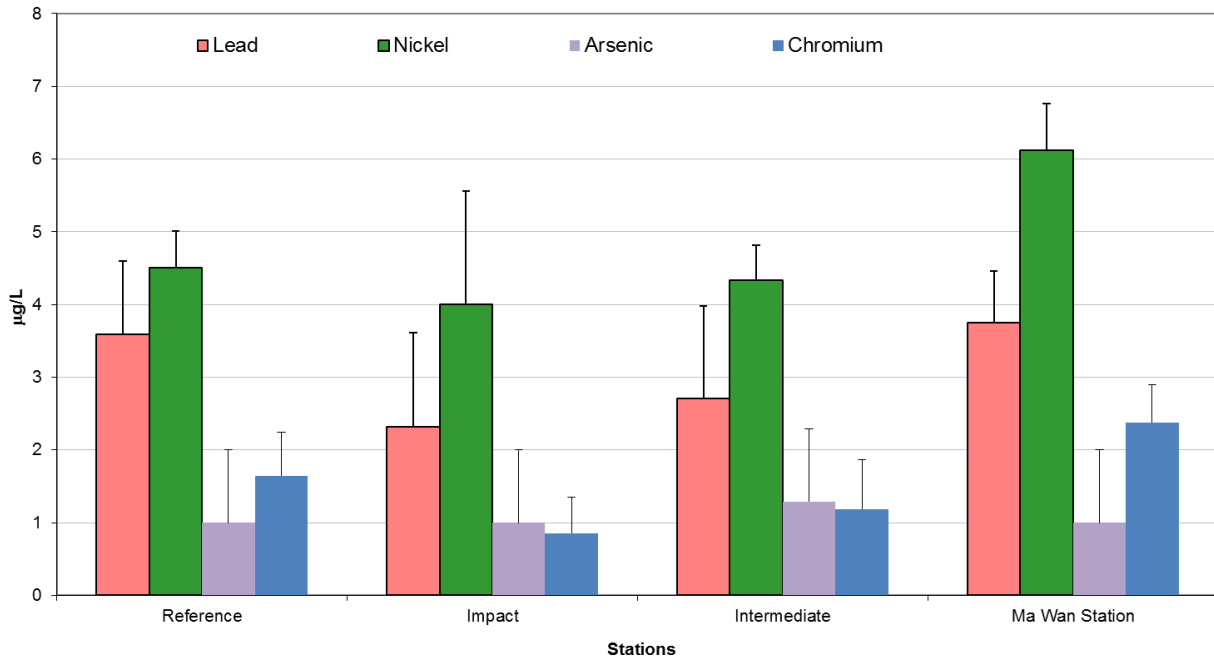


Figure 17: Concentration of Lead, Nickel, Arsenic and Chromium (mean + SD) in water samples collected from Routine Water Quality Monitoring for disposal operations at CMP Va in August 2013.

**Routine Water Quality Monitoring Results for Biochemical Oxygen Demand (BOD₅)
August 2013**

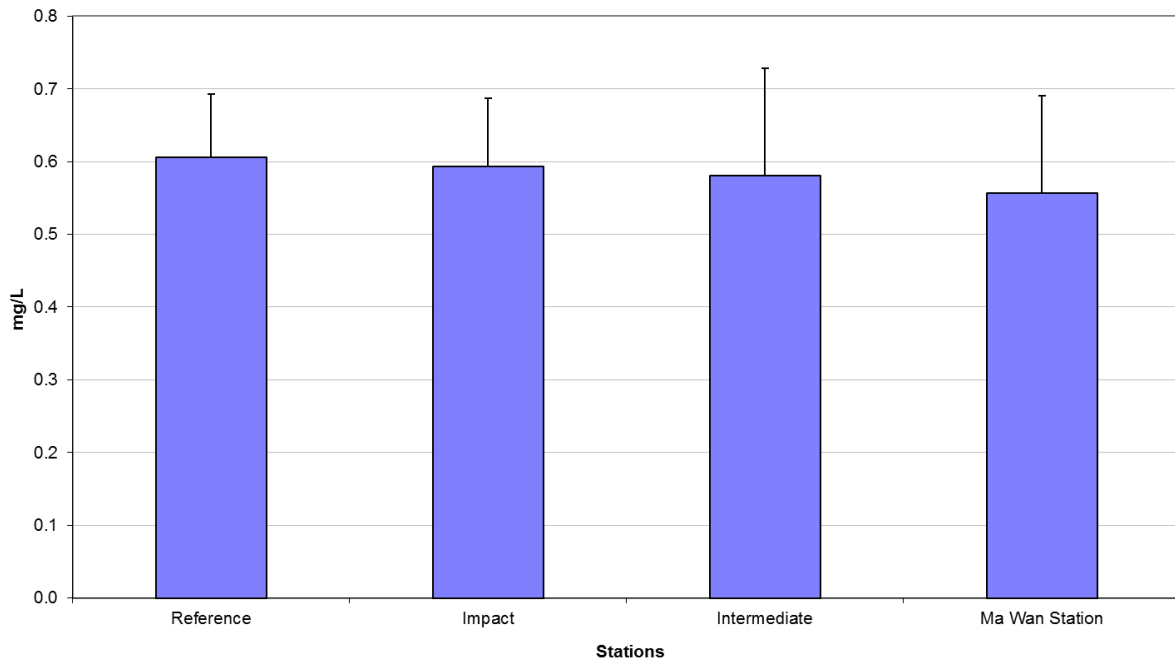


Figure 18: Level of Biochemical Oxygen Demand (BOD₅; mean + SD) in water samples collected from Routine Water Quality Monitoring for disposal operations at CMP Va in August 2013.

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**Routine Water Quality Monitoring Results for Nutrients
August 2013**

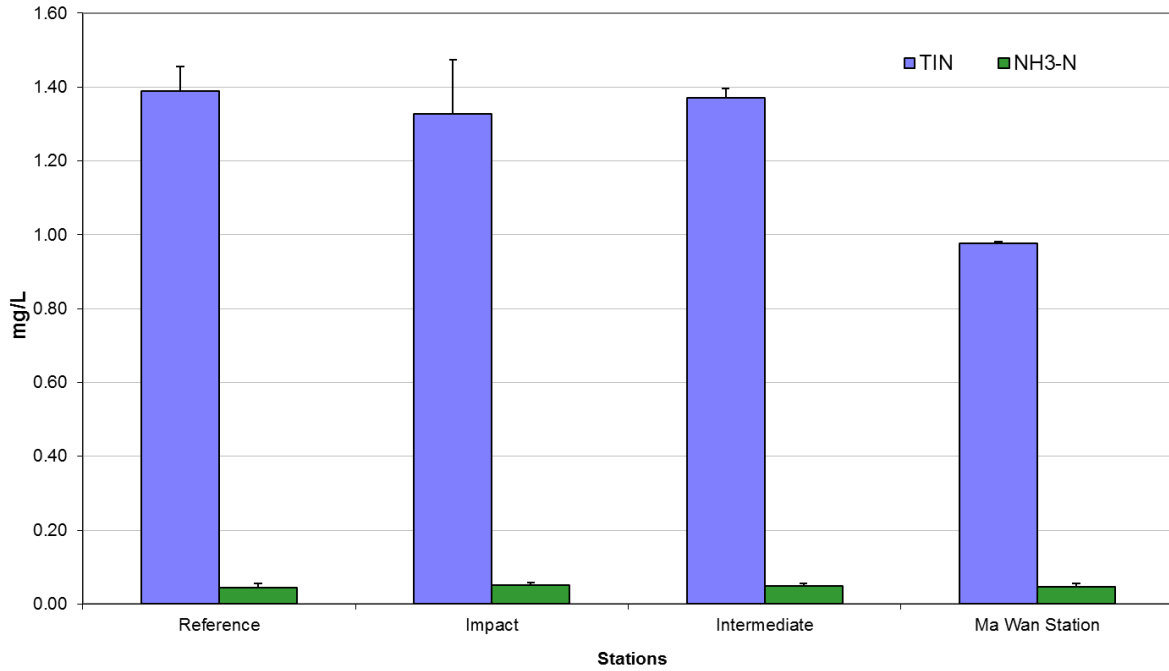


Figure 19: Concentration of Total Inorganic Nitrogen and NH₃-N (mean + SD) in water samples collected from Routine Water Quality Monitoring for disposal operations at CMP Va in August 2013.

**Routine Water Quality Monitoring for Suspended Solids
August 2013**

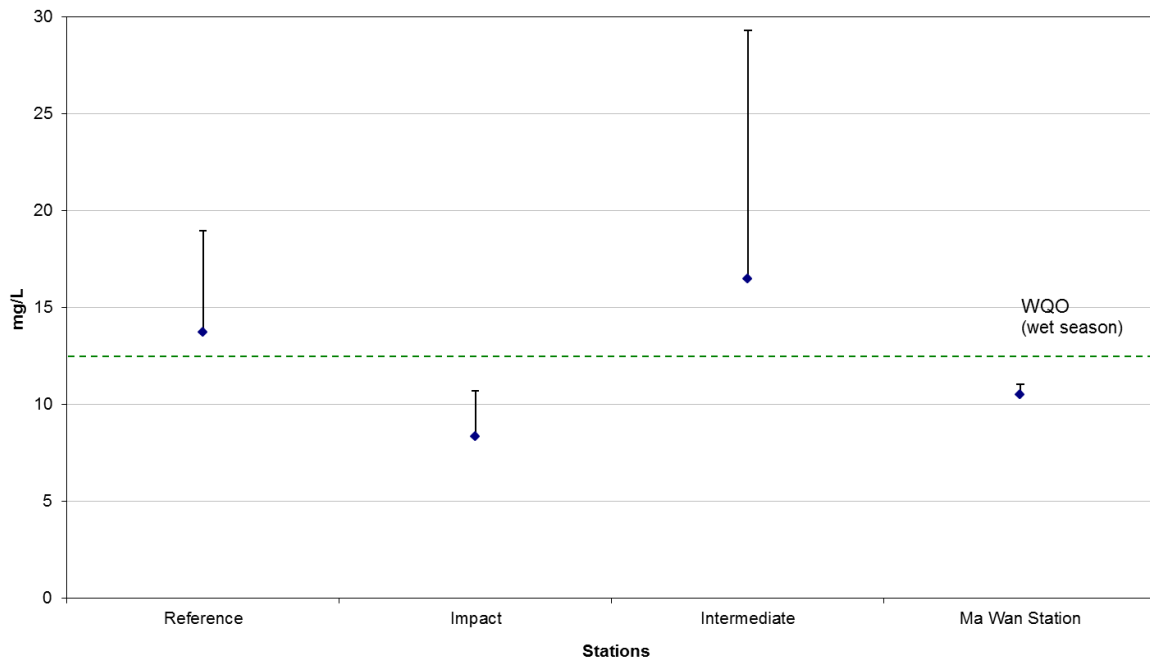


Figure 20: Concentration of Suspended Solids (mean + SD) in water samples collected from Routine Water Quality Monitoring for disposal operations at CMP Va in August 2013.

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**Cumulative Impact Sediment Chemistry for Metal Contaminants at CMP V
June 2013**

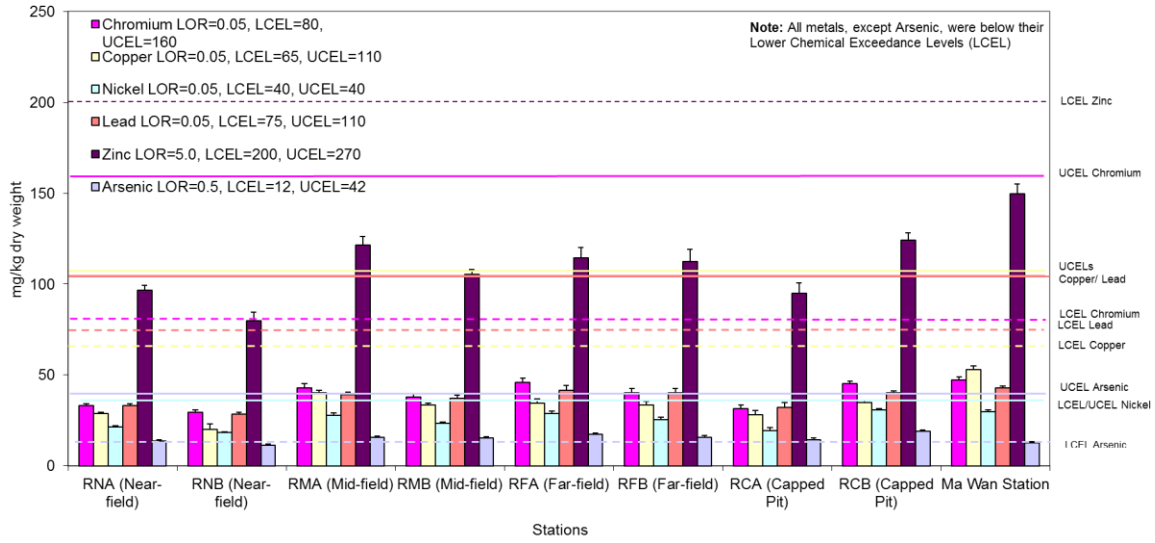


Figure 21: Concentration of Metals (Cr, Cu, Ni, Pb, Zn, As; mean +SD) in sediment samples collected for Cumulative Impact Sediment Chemistry Monitoring for CMP V in June 2013

**Cumulative Impact Sediment Chemistry for Metal Contaminants at CMP V
June 2013**

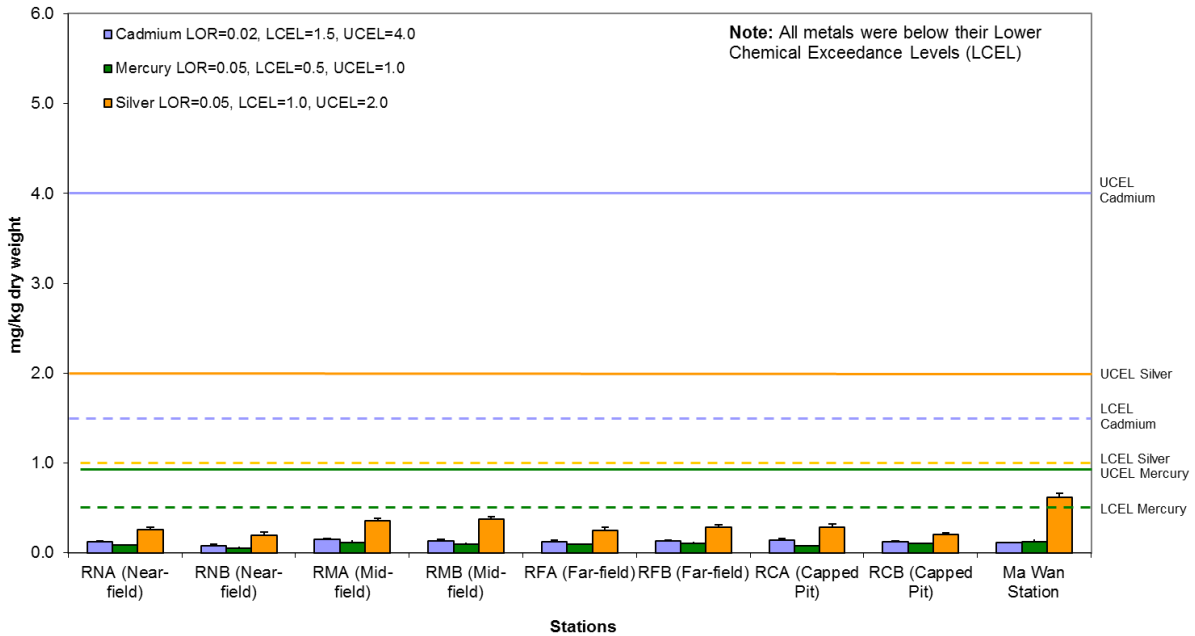


Figure 22: Concentration of Metals (Cd, Hg, Ag; mean +SD) in sediment samples collected for Cumulative Impact Sediment Chemistry Monitoring for CMP V in June 2013.

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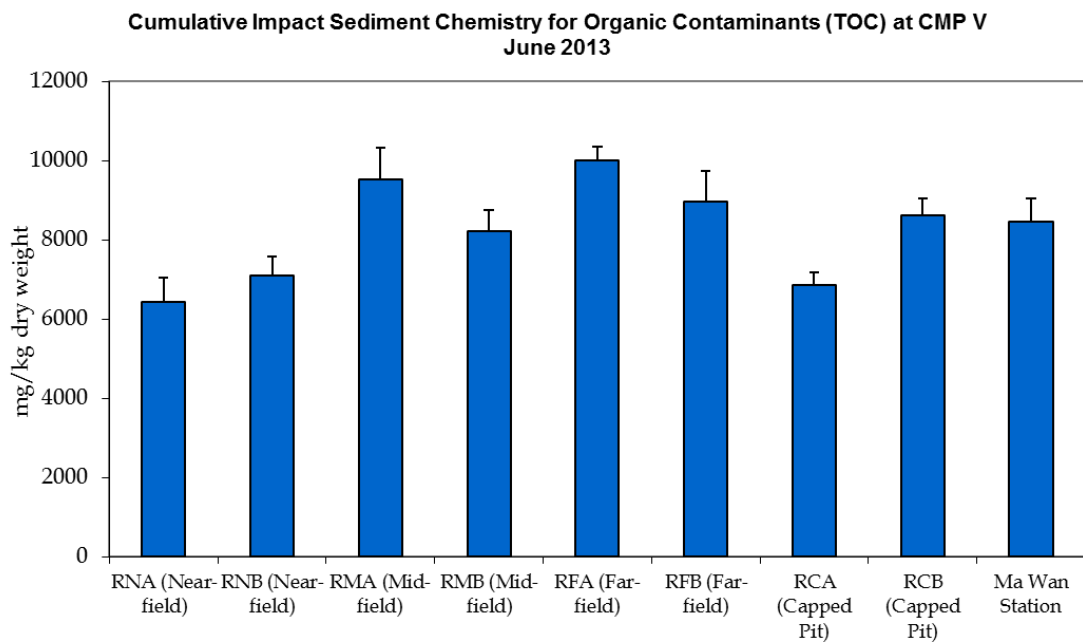


Figure 23: Concentration of Total Organic Carbon (mg/kg dry weight; mean +SD) in sediment samples collected for Cumulative Impact Sediment Chemistry Monitoring for CMP V in June 2013.

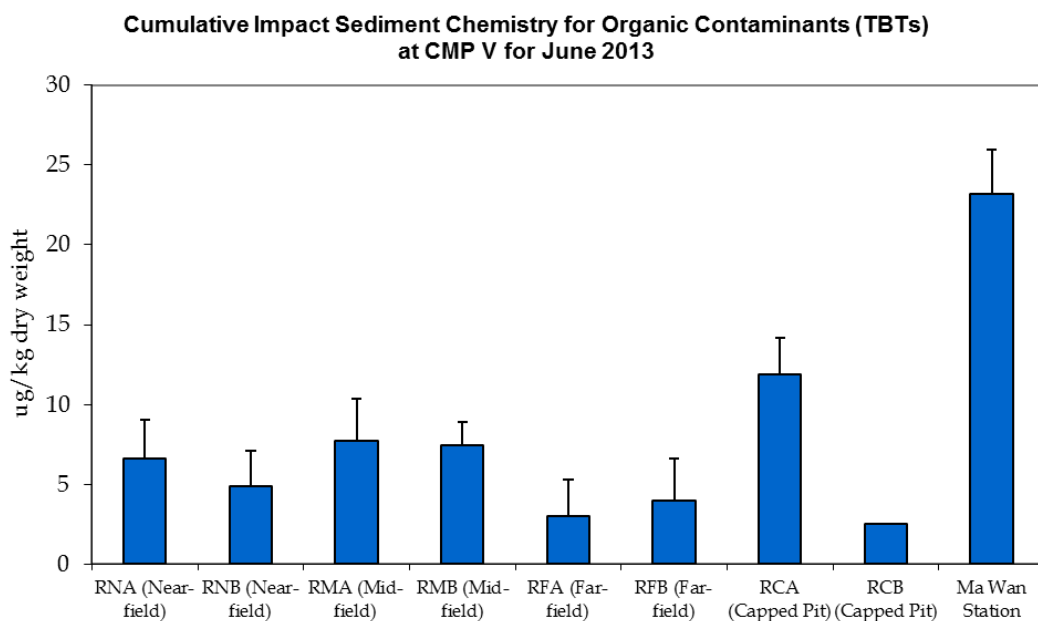


Figure 24: Concentration of Tributyltin ($\mu\text{g TBT/kg}$; mean +SD) in sediment samples collected for Cumulative Impact Sediment Chemistry Monitoring for CMP V in June 2013.