

Figure 1: Concentration of Metals (Cr, Cu, Ni, Pb, Zn, As; mean + SD) in sediment samples collected from Sediment Chemistry after a Major Storm Event for CMP Va on 1 August 2012.

Sediment Chemistry after a Major Storm Event for CMP V - 1 August 2012

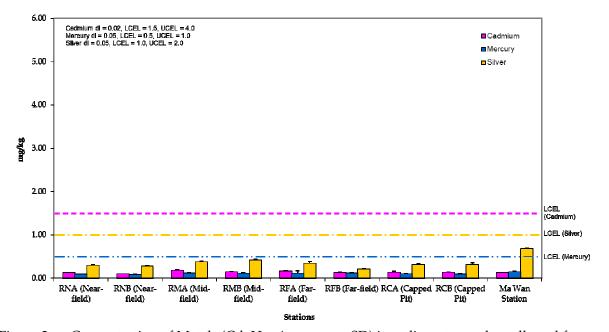


Figure 2: Concentration of Metals (Cd, Hg, Ag; mean + SD) in sediment samples collected from Sediment Chemistry after a Major Storm Event for CMP Va on 1 August 2012.

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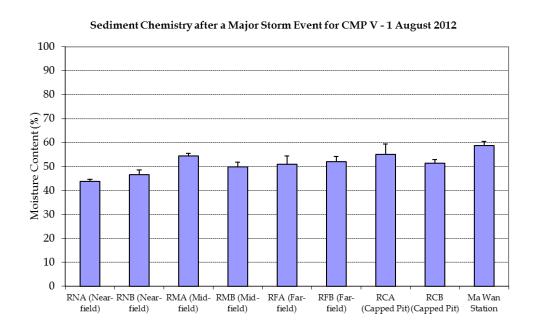


Figure 3: Moisture Content (%; mean + SD) in sediment samples collected from Sediment Chemistry after a Major Storm Event for CMP Va on 1 August 2012.

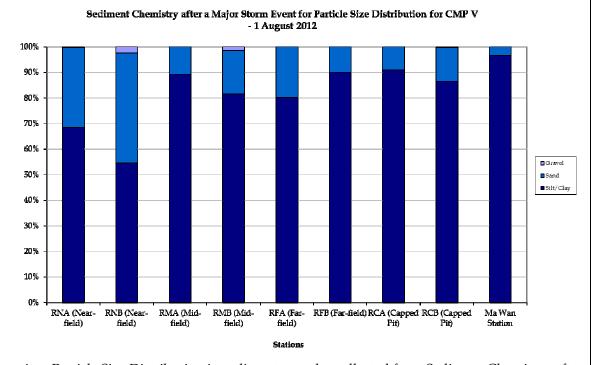


Figure 4: Particle Size Distribution in sediment samples collected from Sediment Chemistry after a Major Storm Event for CMP Va on 1 August 2012.

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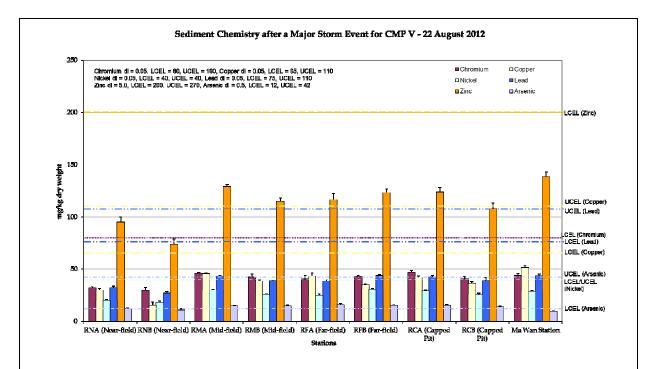


Figure 5: Concentration of Metals (Cr, Cu, Ni, Pb, Zn, As; mean + SD) in sediment samples collected from Sediment Chemistry after a Major Storm Event for CMP Va on 22 August 2012.

Sediment Chemistry after a Major Storm Event for CMP V - 22 August 2012

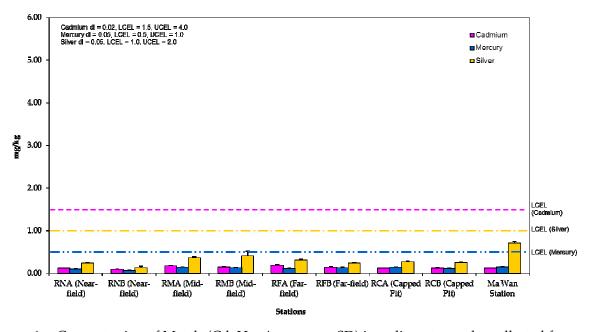


Figure 6: Concentration of Metals (Cd, Hg, Ag; mean + SD) in sediment samples collected from Sediment Chemistry after a Major Storm Event for CMP Va on 22 August 2012.

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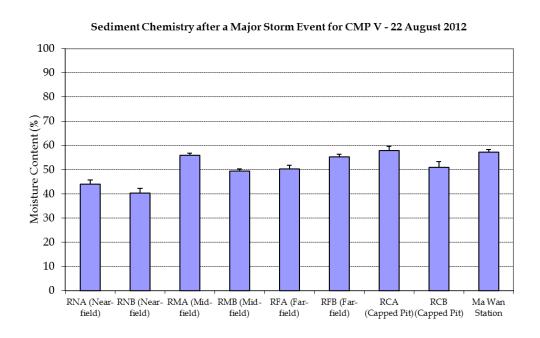


Figure 7: Moisture Content (%; mean + SD) in sediment samples collected from Sediment Chemistry after a Major Storm Event for CMP Va on 22 August 2012.

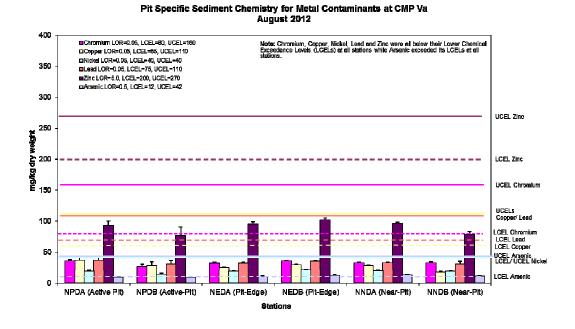


Figure 8: Concentration of Metals (Cr, Cu, Ni, Pb, Zn, As; mean + SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for CMP Va in August 2012.

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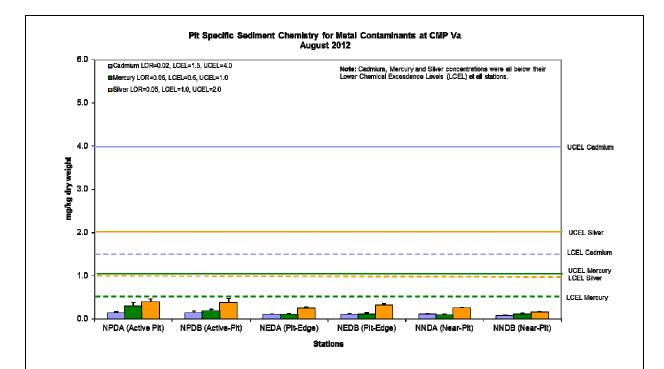


Figure 9: Concentration of Metals (Cd, Hg, Ag; mean + SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for CMP Va in August 2012.

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

August 2012 18,000 12,000 4,000 NPDA (Active Pit) NPDB (Active-Pit) NEDA (Pit-Edge) NEDB (Pit-Edge) NNDA (Near-Pit) NNDB (Near-Pit)

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 Va in August 2012.

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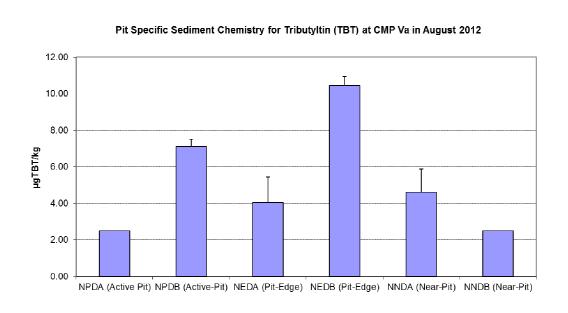


Figure 11: Concentration of Tributyltin (µg TBT/kg; mean + SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring of CMP Va in August 2012.

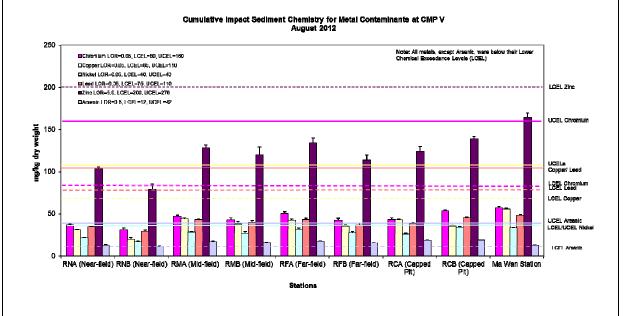


Figure 12: Concentration of Metals (Cr, Cu, Ni, Pb, Zn, As; mean + SD) in sediment samples collected from Cumulative Impact Sediment Chemistry Monitoring for CMP Va in August 2012.

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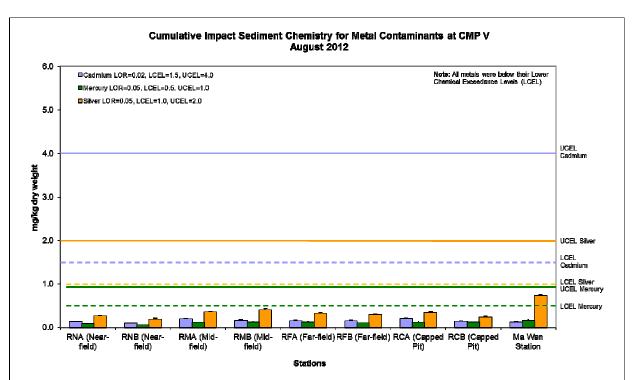


Figure 13: Concentration of Metals (Cd, Hg, Ag; mean + SD) in sediment samples collected from Cumulative Impact Sediment Chemistry Monitoring of CMP Va in August 2012.

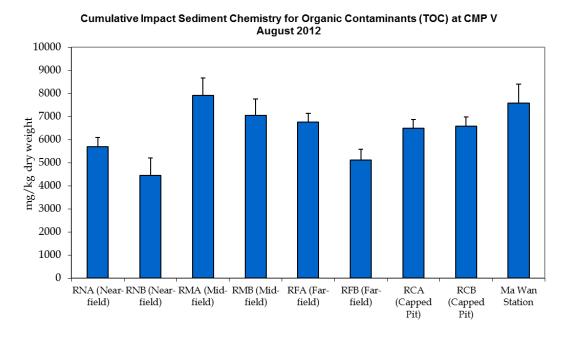


Figure 14: Concentration of Total Organic Carbon (TOC) (mg/kg dry weight; mean + SD) in sediment samples collected from Cumulative Impact Sediment Chemistry Monitoring of CMP Va in August 2012.

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Cumulative Impact Sediment Chemistry for Organic Contaminants (TBTs) at CMP V August 2012 40 35 30 ug/kg dry weight 25 20 15 10 5 0 RNA (Near- RNB (Near- RMA (Mid- RMB (Mid-RFA (Far-RFB (Far-RCA RCB Ma Wan field) (Capped Pit) (Capped Pit) field) field) field) field) field) Station

Figure 15: Concentration of Tributyltin (µg TBT/kg; mean + SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring of CMP Va in August 2012.

Routine Water Quality Monitoring for CMP V - August 2012

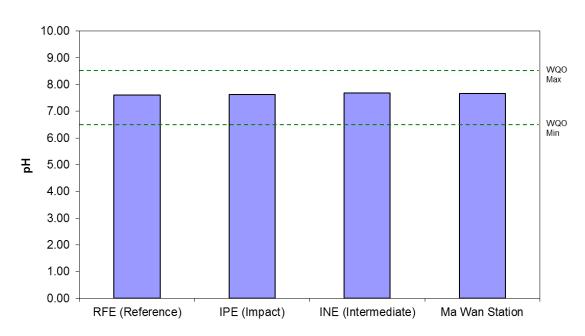


Figure 16: Level of pH (mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at CMP Va in August 2012.

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Routine Water Quality Monitoring for CMP V - August 2012 8.00 7.00 6.00 5.00 2.00 RFE (Reference) REPE (Impact) REPE (Intermediate) REPE (Intermediate) REPE (Intermediate) Ma Wan Station

Figure 17: Concentration of Dissolved Oxygen (mg/L; mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at CMP Va in August 2012.

Routine Water Quality Monitoring for CMP V - August 2012

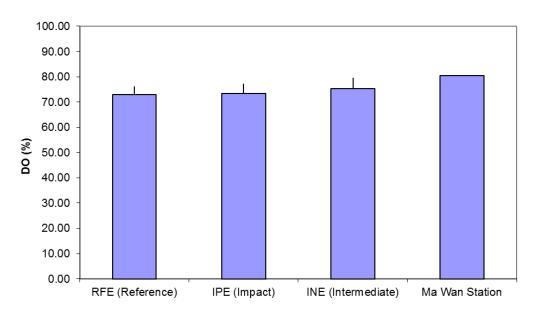


Figure 18: Level of Dissolved Oxygen (% saturation; mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at CMP Va in August 2012.

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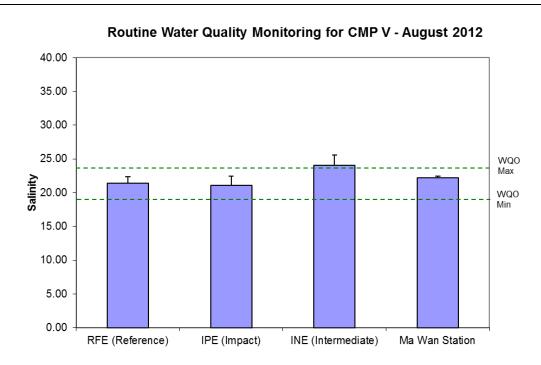


Figure 19: Level of Salinity (mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at CMP Va in August 2012.

Routine Water Quality Monitoring for CMP V - August 2012

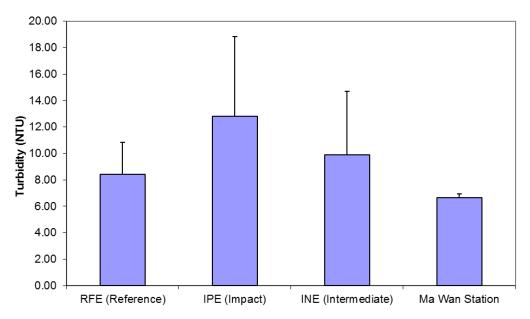


Figure 20: Level of Turbidity (NTU; mean + SD) recorded during Routine Water Quality Monitoring for disposal operations at CMP Va in August 2012.

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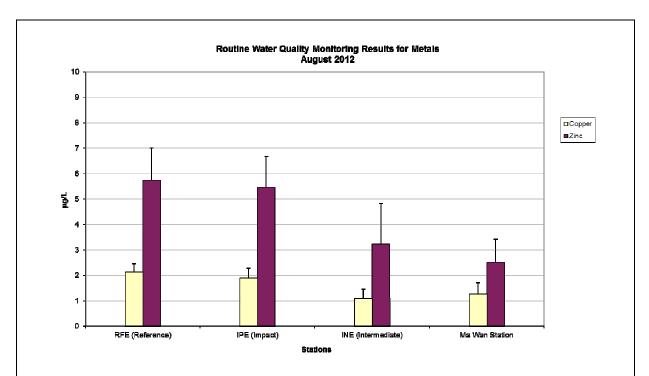


Figure 21: Concentration of Copper and Zinc (mean + SD) in water samples collected from Routine Water Quality Monitoring for disposal operations at CMP Va in August 2012.

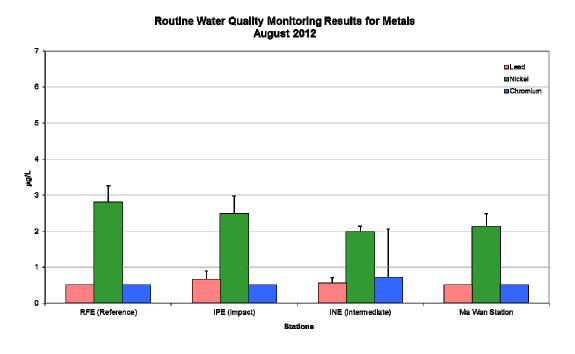


Figure 22: Concentration of Lead, Nickel and Chromium (mean + SD) in water samples collected from Routine Water Quality Monitoring for disposal operations at CMP Va in August 2012.

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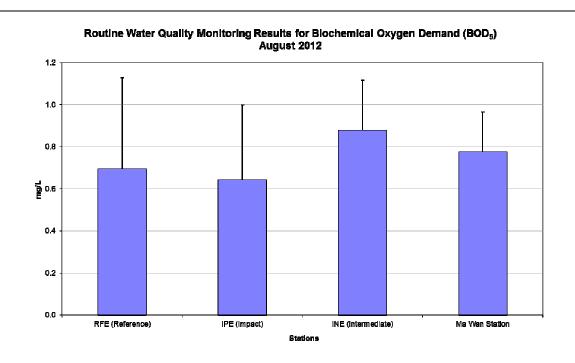


Figure 23: Level of Biochemical Oxygen Demand (BOD₅; mean + SD) in water samples collected from Routine Water Quality Monitoring for disposal operations at CMP Va in August 2012.

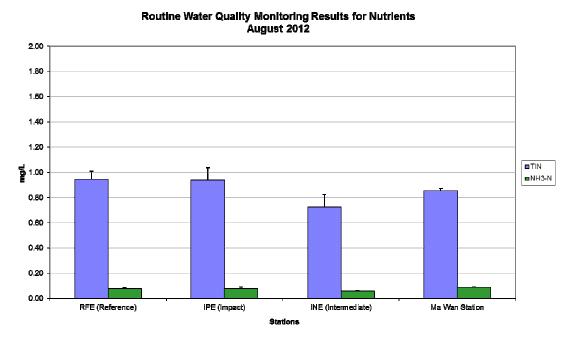


Figure 24: Concentration of Total Inorganic Nitrogen and NH₃-N (mean + SD) in water samples collected from Routine Water Quality Monitoring for disposal operations at CMP Va in August 2012.

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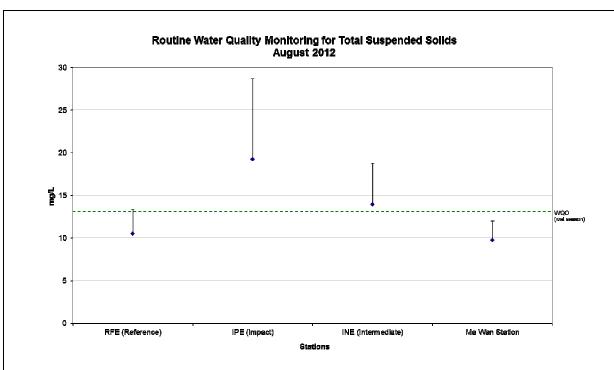


Figure 25: Concentration of Total Suspended Solids (mean + SD) in water samples collected from Routine Water Quality Monitoring for disposal operations at CMP Va in August 2012.

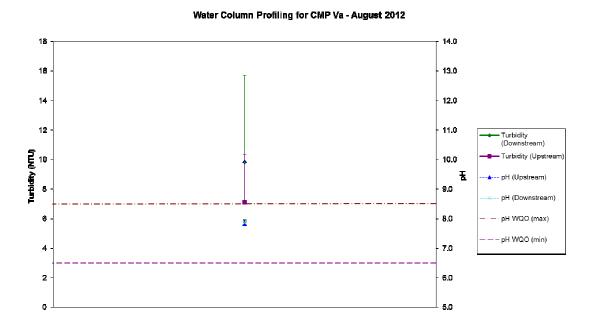


Figure 26: Turbidity and pH (mean + SD) recorded during Water Column Profiling for disposal operation at CMP Va in August 2012.

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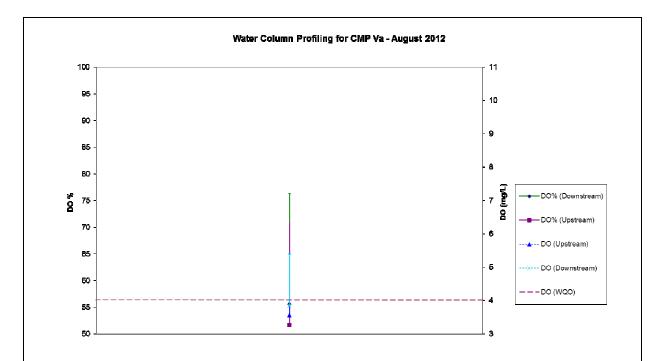


Figure 27: Dissolved Oxygen (mean + SD) recorded during Water Column Profiling for disposal operations at CMP Va in August 2012.

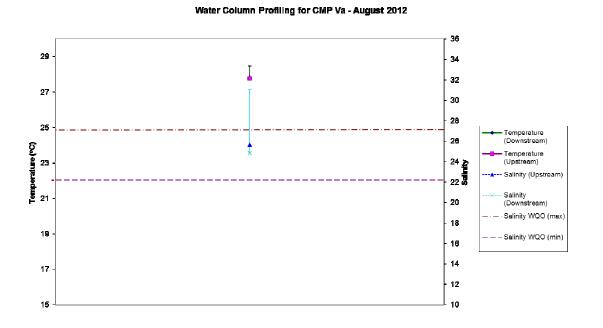


Figure 28: Salinity and Temperature (mean + SD) recorded during Water Column Profiling for disposal operations at CMP Va in August 2012.

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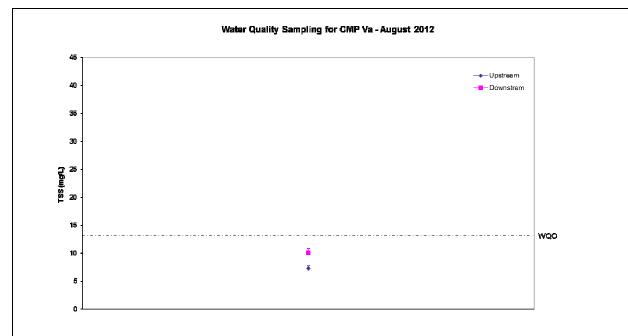


Figure 29: Total Suspended Solids (mean + SD) recorded during Water Column Profiling for disposal operations at CMP Va in August 2012.

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