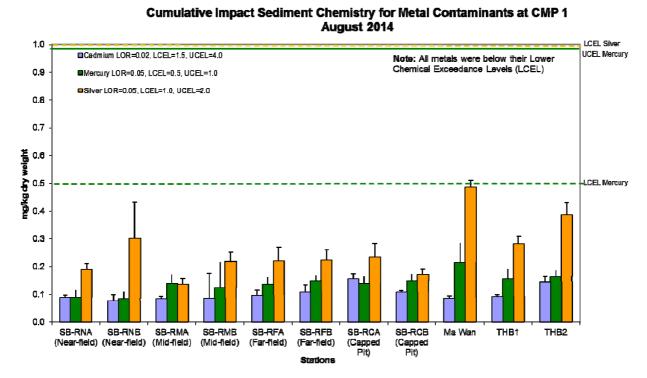


Concentration of Metals (Cr, Cu, Ni, Pb, Zn, As; mean +SD) in sediment samples collected from Cumulative Impact Sediment Chemistry for CMP 1 in August 2014.



Concentration of Metals (Cd, Hg, Ag; mean +SD) in sediment samples collected from Figure 2: Cumulative Impact Sediment Chemistry for CMP 1 in August 2014.

Source: H:\Team\EM\GMS Projects\0175086 CEDD EM&A for South Brothers\02

Deliverable\07 CMP Monthly Report\26th (October 2014)

14/11/2014 Date:



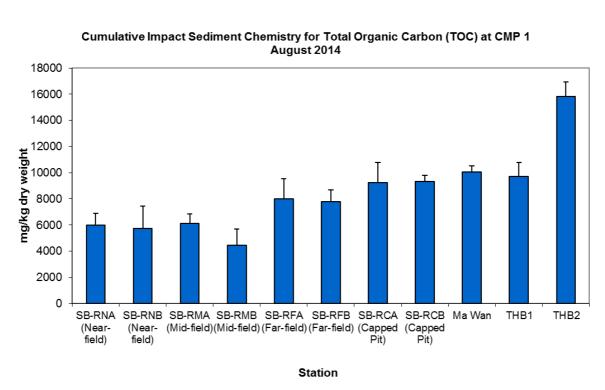


Figure 3: Concentration of Total Organic Carbon (mg/kg dry weight; mean +SD) in sediment samples collected from *Cumulative Impact Sediment Chemistry* for CMP 1 in August 2014.

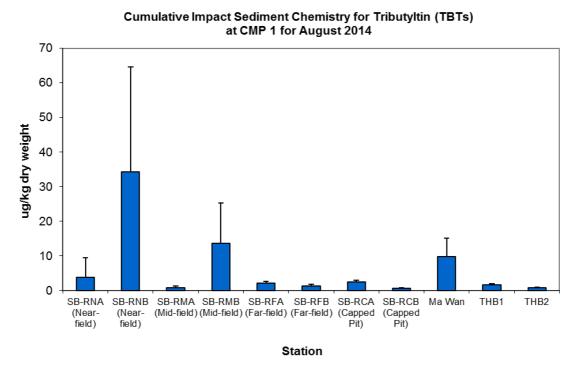


Figure 4: Concentration of Tributyltin (µg TBT/kg; mean +SD) in sediment samples collected from *Cumulative Impact Sediment Chemistry* for CMP 1 in August 2014.

Source: H:\Team\EM\GMS Projects\0175086 CEDD EM&A for South Brothers\02 Deliverable\07 CMP Monthly Report\26th (October 2014)

Denverable (or evil Monthly Report (20th (October 201

Date:

14/11/2014



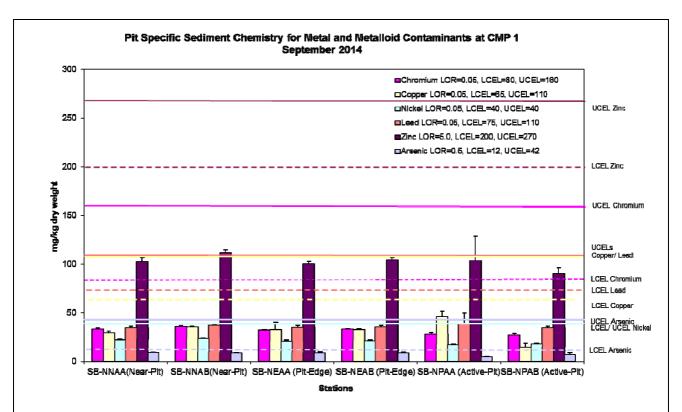


Figure 5: Concentration of Metals (Cr, Cu, Ni, Pb, Zn, As; mean +SD) in sediment samples collected from *Pit Specific Sediment Chemistry Monitoring* for CMP 1 in September 2014.

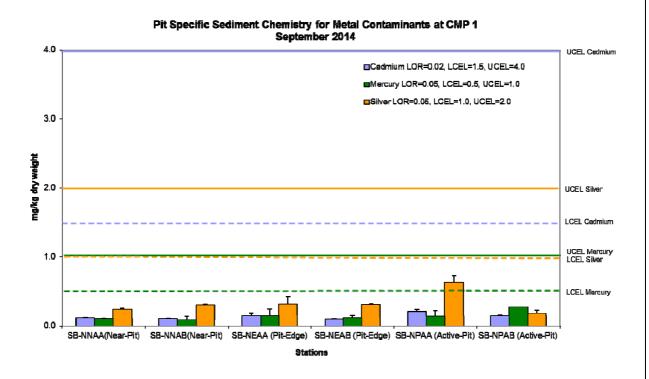


Figure 6: Concentration of Metals (Cd, Hg, Ag; mean +SD) in sediment samples collected from *Pit Specific Sediment Chemistry Monitoring* for CMP 1 in September 2014.

Source: H:\Team\EM\GMS Projects\0175086 CEDD EM&A for South Brothers\02 Deliverable\07 CMP Monthly Report\26th (October 2014)

Date: 14/11/2014



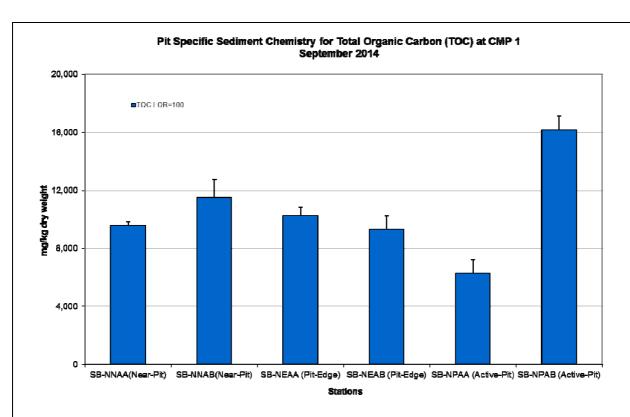


Figure 7: Concentration of Total Organic Carbon (mg/kg dry weight; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring for CMP 1 in September 2014.

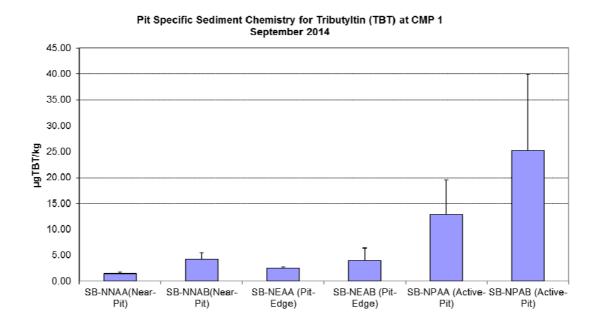


Figure 8: Concentration of Tributyltin (µg TBT/kg; mean +SD) in sediment samples collected from Pit Specific Sediment Chemistry Monitoring of CMP 1 in September 2014.

Source: H:\Team\EM\GMS Projects\0175086 CEDD EM&A for South Brothers\02 Deliverable\07 CMP Monthly Report\26th (October 2014)

Date: 14/11/2014



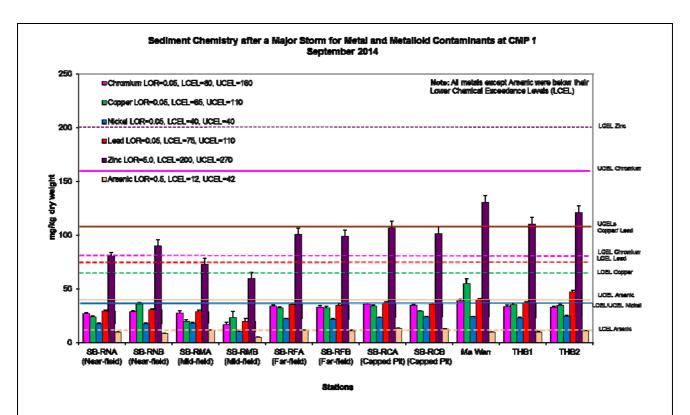


Figure 9: Concentration of Metals (Cr, Cu, Ni, Pb, Zn, As; mean +SD) in sediment samples collected from *Sediment Chemistry after a Major Storm* for CMP 1 in September 2014.

Sediment Chemistry after a Major Storm for Metal Contaminants at CMP 1 September 2014 LCEL Silver 1.0 □Cadmium LOR=0.02, LCEL=1.5, UCEL=4.0 **UCEL Mercury** Note: All metals were below their Lower Chemical Exceedance Levels (LCEL) 0.9 ■Mercury LOR=0.05, LCEL=0.5, UCEL=1.0 ■Silver LOR=0.05, LCEL=1.0, UCEL=2.0 0.8 0.7 0.6 0.5 0.4 0.4 0.3 0.2 0.1 0.0 SB-RNA SB-RNB SB-RMA S8-RMB SB-RFA S8-RCB Ma Wan THB1 (Near-field) (Near-field) (Mid-field) (Mid-field) (Capped Pit) (Far-field) (Far-field)

Figure 10: Concentration of Metals (Cd, Hg, Ag; mean +SD) in sediment samples collected from *Sediment Chemistry after a Major Storm* for CMP 1 in September 2014.

Source: H:\Team\EM\GMS Projects\0175086 CEDD EM&A for South Brothers\02 Deliverable\07 CMP Monthly Report\26th (October 2014)

Date: 14/11/2014

