

Pit Specific Sediment Chemistry for ESC CMP in Oct 2023

| Working date: 4 Oct 2023 | | As | Cd | Cr | Cu | Pb | Hg | Ni | Ag | Zn | T-DDT | 4,4'-DDE | TOC | PCBs | TBT | LowMW PAHs | HighMW PAHs | TBT |
|-----------------------------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--------|-------|-------|------------|-------------|------|
| Sampling Station | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | µg/kg | µg/kg | mg/kg | µg/kg | µg/kg | µg/kg | µg/kg | ng/L |
| Reporting Limit | Replicate | 0.1 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.2 | 2.0 | 2 | 500 | 3.0 | 5 | 50 | 100 | 15 |
| ESC-NNCA (Near-Pit) | 1 | 14.2 | 0.10 | 26.70 | 27.00 | 34.40 | 0.09 | 16.50 | 0.15 | 76.4 | <2.0 | <2.0 | 6,300 | <3 | <5.0 | 350 | 1370 | <15 |
| | 2 | 12.5 | 0.10 | 25.60 | 24.80 | 34.70 | 0.10 | 15.50 | 0.18 | 77.6 | <2.0 | <2.0 | 5,900 | <3 | <5.0 | 583 | 2210 | <15 |
| ESC-NNCB (Near-Pit) | 1 | 9.2 | 0.06 | 23.40 | 18.10 | 34.80 | 0.07 | 13.30 | 0.20 | 63.7 | <2.0 | <2.0 | 5,100 | <3 | <5.0 | 73 | 440 | <15 |
| | 2 | 8.6 | 0.06 | 19.60 | 16.60 | 35.40 | 0.06 | 11.20 | 0.10 | 56.1 | <2.0 | <2.0 | 4,700 | <3 | <5.0 | 67 | 460 | <15 |
| ESC-NECA (Pit-Edge) | 1 | 13.8 | 0.09 | 26.00 | 19.20 | 32.50 | 0.14 | 15.90 | 0.08 | 62.6 | <2.0 | <2.0 | 6,300 | <3 | <5.0 | 226 | 820 | <15 |
| | 2 | 14.2 | 0.08 | 26.20 | 20.90 | 35.40 | 0.12 | 16.10 | 0.09 | 66.1 | <2.0 | <2.0 | 6,100 | <3 | <5.0 | 302 | 1370 | <15 |
| ESC-NECB (Pit-Edge) | 1 | 8.1 | 0.06 | 16.30 | 10.70 | 19.30 | <0.05 | 9.48 | 0.08 | 43.1 | <2.0 | <2.0 | 3,900 | <3 | <5.0 | <50 | <100 | <15 |
| | 2 | 8.7 | 0.05 | 18.50 | 11.20 | 21.60 | <0.05 | 9.30 | 0.09 | 43.4 | <2.0 | <2.0 | 3,700 | <3 | <5.0 | <50 | <100 | <15 |
| ESC-NPCA (Active-Pit) | 1 | 11.2 | 0.10 | 27.20 | 46.00 | 39.20 | 0.12 | 17.20 | 0.26 | 84.0 | <10.0 | <10.0 | 7,600 | <15 | <5.0 | 4850 | 10000 | <15 |
| | 2 | 10.4 | 0.12 | 25.30 | 65.70 | 42.30 | 0.15 | 16.20 | 0.33 | 79.9 | <10.0 | <10.0 | 9,000 | <15 | <5.0 | 26300 | 55500 | <15 |
| ESC-NPCB (Active-Pit) | 1 | 11.9 | 0.14 | 31.50 | 53.00 | 43.50 | 0.20 | 19.30 | 0.38 | 108.0 | <10.0 | <10.0 | 11,400 | <15 | <5.0 | 42900 | 115000 | <15 |
| | 2 | 12.2 | 0.14 | 31.80 | 39.10 | 40.20 | 0.11 | 20.10 | 0.30 | 97.4 | <10.0 | <10.0 | 10,300 | <15 | <5.0 | 4760 | 22900 | <15 |