**Table S1.** Details of limits of detection for each of the analytes sampled from sediments.

|  |  |
| --- | --- |
|  | **LODs** |
|  |  |
| **Cr** | 2 mg/kg |
| **Cu** | 7 mg/kg |
| **Ni** | 3 mg/kg |
| **Pb** | 6 mg/kg |
| **Zn** | 2 mg/kg |
| **PAHs**  | 0.01-0.02 mg/kg |
| **Chlorophyll-a** | 0.5-4 nm |
| **TOC** | 1 mg/kg |
| **NH3** | 0.1 mgNH3-N/L |
|   |   |