



**McMAHON**  
SERVICES

**Environmental Remediation**

We are an award winning remediation services contractor capable of delivering large-scale remediation of brownfield sites to treatment of acid sulphate soils



## Capability

### Environmental Remediation

McMahon Services is a specialist environmental remediation contractor providing turn-key treatment services. We have tackled some of the most complex remediation projects, surpassing industry standards. Our wide range of experience and expertise sets us apart and we continually deliver to the highest standards as demonstrated through our numerous awards, industry acknowledgements and most importantly, client relationships.

#### Contaminated soil and solid waste treatment

- ▶ Acid sulphate soil - in-situ and ex-situ
- ▶ AFFF contaminated soil treatment and management
- ▶ Bioremediation - biopiling, landfarming, co-composting, enhanced bioremediation
- ▶ Chemical stabilisation - fixation, immobilisation, microencapsulation, solidification
- ▶ Chemical oxidation - in-situ and ex-situ
- ▶ Geotechnical improvement - physical and chemical
- ▶ Lab-scale and pilot-scale treatment trials and approvals

#### Groundwater and wastewater treatment

- ▶ Pump and treat system installation and servicing
- ▶ AFFF water treatment
- ▶ Permeable reactive barrier (PRB) installation
- ▶ In-situ treatment system installation and servicing
- ▶ Acid mine drainage
- ▶ Construction water treatment

#### Site remediation

- ▶ Screening and crushing
- ▶ Contaminated soil, sludges and liquid waste treatment
- ▶ Stockpile management and material tracking
- ▶ Repository construction and capping
- ▶ Hydroseeding, revegetation and landscaping
- ▶ Odour, dust, noise and vibration monitoring and control

#### Waste management

- ▶ All contaminated, prescribed, regulated and hazardous waste
- ▶ Drilling mud
- ▶ Asbestos - bonded and friable
- ▶ Contaminated timber
- ▶ Tyres
- ▶ PCB oils and fluids
- ▶ Radioactive material

### Plant and Equipment

McMahon Services has over 350 pieces of plant and specialised remediation equipment;

- ▶ Two Komatsu Reterra BZ 210
- ▶ Allubucket and numerous excavator attachments
- ▶ Two Warrior Powerscreens, 1400 & 1800
- ▶ Integrated tractor scraper system with Trimble Dual GPS
- ▶ Numerous vacuum trucks, EPA licensed and DG rated
- ▶ Groundwater treatment systems
- ▶ Construction water treatment systems
- ▶ Contaminated soil vapour treatment systems

### Innovation

Our team is comprised of PhD level scientists and senior engineers with a wealth of experience and practical 'hands on' ability within the contaminated land and hazardous waste fields. Our in-house laboratory and engineering workshops enable us to continually deliver practical, cost effective turn-key solutions for our clients.

### CCF Earth Awards

- ▶ 2013, National CCF Earth Award – Adelaide Oval Redevelopment, Civil and Stormwater Works
- ▶ 2012, Category 2 - Transformation of former SA Water Depot, Thebarton
- ▶ 2011, Category 2 - Remediation of Housing SA, Birkenhead Site



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