

Capability Statement: Land Development

Contaminated Land and Acid Sulfate Soils

Contaminated Land:

- ✓ Due diligence.
- ✓ Contaminated site investigation and assessment.
- ✓ HAZMAT surveys and management.
- ✓ Waste classification and management.
- ✓ Risk assessment, quantitative probabilistic/fate and transport modelling.
- ✓ Remediation, validation, on-going management and monitoring.

Acid Sulfate Soils (ASS):

- ✓ Identification, investigation and risk assessment.
- ✓ Soil treatment and dewatering management plans.
- ✓ Construction monitoring and closure reporting.



Geotechnical Engineering

- ✓ Site investigations and classifications.
- ✓ Land capability assessments, materials searches, ground improvement/treatment.
- ✓ Design/verification, monitoring and construction support.



Environmental Management

- ✓ Environmental reviews, gap analysis, impact assessments and management plans.
- ✓ Environmental auditing and compliance reporting.
- ✓ Urban water management.
- ✓ Hydrogeological/hydrological Impact assessments and management plans.



Our Specialist Project Team

- ✓ **Carel van der Westhuizen:** Certified Contaminated Land Specialist and Principal Hydrogeologist with more than thirty years' experience in contaminated land assessments and remediation, urban water management, hydrogeology and environmental auditing.
- ✓ **Ryan Lawrence:** Senior Environmental Scientist with more than ten years' experience in hazardous material assessments and management, construction environmental management and monitoring, contaminated land investigations, acid sulfate soils assessments and dewatering investigation.
- ✓ **Mitch Hanger:** Senior Civil/Geotechnical Engineer specialising in geotechnical investigation and design, land/soil classification, earthworks design, verification and monitoring, ground improvement/retaining structures.
- ✓ **Lucy Du:** Environmental Engineer and Geochemist specialising in hydrogeochemical assessment, groundwater modelling, soil/groundwater chemistry, remediation and acid sulfate soils.
- ✓ **Taryn Wren:** Environmental Scientist specialising in contaminated land assessments and conceptual site modelling, environmental studies and risk assessment.

