



SKILLSETS

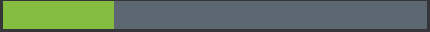
Contaminated Land and Remediation



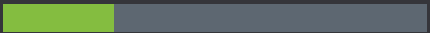
Groundwater



Asbestos



Remediation



MARKET SECTORS



Waste Management



Resource



Construction



Property



Industrial



Transport & Logistics

CONTACT

Email

enquiries@epicenvironmental.com.au

Phone

1800 779 363

MICHAEL KOWALCZYK

Project Environmental Scientist

Michael is a geologist with a masters in earth sciences and over two years of experience in the field of contaminated land. Michael is an experienced project manager and field operative with demonstrated, relevant experience in landfill assessment and monitoring having managed four council landfill monitoring for several years.

Additionally, Michael has undertaken extensive soil surveys, contaminated land assessments, risk assessments (Gas Risk) and groundwater investigations across QLD. Michael also has had experience operating around drilling (RC and diamond) campaigns with wireline downhole surveys.

QUALIFICATIONS

- 2014** University of Queensland / Bachelor of Arts – History and Russian
- 2014** University of Queensland/ Bachelor of Science – Geological Science
- 2016** University of Queensland/ Masters of Mineral Resources

MAJOR PROJECTS

- Confidential - Hopeland Groundwater Bore Installation
- Lendlease - Gold Coast Airport PFAS and contaminated land management (Phases 1 and 2)
- Rogan Developments – Contaminated Land management Mine Redevelopment Plan of a former coal mine

AFFILIATIONS

- Associate, Australian Institute of Mining and Minerals (AusIMM)

PROJECT MANAGEMENT EXPERIENCE

LANDFILL MONITORING

- **Gold Coast, Queensland.** Regular monitoring and reporting of Council facilities, including groundwater, dust, surface water and gas.
- **Scenic Rim, Queensland.** Sampling and regular monitoring of both groundwater and gas.
- **Logan, Queensland.** Regular monitoring of Council facilities, including groundwater, dust, surface water and gas.
- **Inverell, New South Wales.** Sampling and regular monitoring of Inverell Shire Council, including groundwater and gas.

EFFLUENT IRRIGATION AND SUSTAINABILITY

- **Richmond Valley, New South Wales.** – Effluent waters and irrigation scheme with groundwater, surface water, soil monitoring and sustainability auditing.

SOIL SURVEY AND LAND SUSTAINABILITY ASSESSMENT

- **Baralaba, Queensland.** Land suitability assessment and soil survey within a proposed development parcel.
- **Cloncurry, Queensland.** Contaminated land and catchment assessment surrounding a mining facility with heavy metal impact.

PRELIMINARY AND DETAILED SITE INVESTIGATIONS

- **Western Queensland.** Deep drilling program to install groundwater bores to 200m to allow for gas and groundwater sampling.
- **Keperra, Queensland.** Due diligence investigation of a retirement village located within an old quarry.
- **Durrack, Queensland.** Preliminary site investigation of proposed residential development site discovering it was located on a former landfill.
- **Queensland Wide.** Site investigations into the contamination status of 16 laydown yards across Queensland in addition to PFAS investigation of four landscaped areas along major arterial roads.
- **Swanbank, Queensland.** Detailed site investigation of a former coal fired power station to facilitate an eventual removal from the EMR.
- **Swanbank Queensland.** Detailed site investigation within an area of former coal mining operations.
- **Darra, Queensland.** Detailed site investigation of a former industrial lot for development into public land.
- **Willawong, Queensland.** Due diligence investigation within a development footprint of a site neighbouring a former hazardous waste landfill.
- **Bilinga, Queensland.** Detailed investigation into PFAS contamination and assisting a major client in contamination management throughout the year long project.

ASBESTOS AND HAZARDOUS MATERIALS

- **Pinkenba, Queensland.** Stockpile asbestos risk assessment and characterization.
- **Springwood, Queensland.** Asbestos risk assessment and investigation in a new proposed cycling corridor.
- **Hamilton, Queensland.** Routine detailed site inspection of containment cap integrity.
- **Stafford, Queensland.** Asbestos risk assessment and investigation at the site of a new Energy Queensland Depot.

REMEDIATION

- **Carina, Queensland.** Audited asbestos and hydrocarbon remediation project.
- **Stafford, Queensland.** Remediation of an asbestos and metals impacted site of a new Energy Queensland Depot.
- **Yomanto, Queensland.** Audited heavy metals remediation project at former scrap yard site.
- **Murwillumbah, New South Wales.** Fibrous asbestos remediation and various tank pulls.
- **Swanbank Queensland.** Remediation works within an area of former coal mining operations to remove PCB impacted soils.

POSITION SUMMARY

- 2021 - Present Project Environmental Scientist
- 2018 – 2020 Environmental Scientist
- 2018 Field Technical

Epic Environmental Pty Ltd
Environmental Earth Sciences International
KGL Resources