

Curriculum vitae



Jacqui Lumsdaine

Environmental Scientist

Jacqui's experience includes project work across a range of environmental disciplines. Jacqui has prepared environmental assessments (EAs), reviews of environmental factors (REFs), construction environmental management plans (CEMPs), risk assessments and undertaken energy audits. These projects include:

- Support the preparation of environmental assessments for the Mount Pleasant Project Modification, Carrington West Wing Modification and Port Waratah Expansion.
- Site-specific REF and CEMP preparation for approval by Sydney Water, for the rehabilitation of sewer lines using trenchless technology in environmentally sensitive environments.
- Equipment failure data analysis for a mining operation in central NSW.
- Production of an energy audit and report for a private hospital according to the Australia/New Zealand Standard 3598 for Energy Audits.

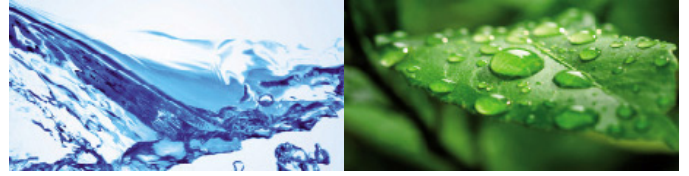
Fields of Competence

- Environmental review, planning and impact assessment
- Environmental management plans
- Oral and written presentation

Education

- Masters of Environmental Management, University of New South Wales
- Bachelor of Arts (Government Major), University of Sydney

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Key Projects

Environmental Assessments:

Jacqui has assisted with the preparation of Environmental Assessments for the following projects:

- Port Waratah Expansion Preliminary Environmental Assessment, Port Waratah Coal Services;
- Mount Pleasant Section Modification Environmental Assessment, Rio Tinto Coal Australia; and
- Carrington West Wing Modification Environmental Assessment, Coal & Allied.

REFs and CEMPs:

Jacqui has assisted with the preparation of REFs and CEMPs for the following projects:

- Geothermal Exploration Bores in Armidale, Walcha, Barrington Tops and Cooma, for AGL;
- Sewer Rehabilitation Program 2009-2012 (conducted site inspections and generated reports); and
- Rehabilitation of the North Georges River Submain.

Environmental and Quality Management Systems:

Jacqui assisted with the development of documents and operational guidelines for an engineering consultancy in accordance with the ISO 1400:2004 and AS/NZS ISO 9000:2006 standards to ensure environmentally responsible and compliant operations.

Energy Auditing:

Jacqui conducted a Level 2 audit according to the Australia/New Zealand Standard 3598 for Energy Audits for Metropolitan Rehabilitation Hospital in Sydney.

Analysis of Equipment Failure Data:

Jacqui assisted with a detailed analysis of equipment failure data from a mine site in central New South Wales.

Environmental Liability Assessment:

Jacqui assisted with the preparation of a submission to the Royal Society on the potential environmental impact of proposals to abate climate change through climate engineering. This project required researching and reporting the predicted impacts of climate engineering proposals, as well as associated environmental liabilities across a range of jurisdictions.
