



Land & Fire Assessments Pty Ltd

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Company Profile – Contaminated Land Assessment Expertise

Land & Fire Assessments Pty Ltd (LFA) specialises in **Contaminated Land Assessment and Remediation**. LFA expertise in this field is outlined as follows:

Qualifications

Tony Coyle (LFA Managing Partner) has over fourteen years of experience in natural resource management and holds a Bachelor of Applied Science from Southern Cross University Lismore. In recent years, he has **specialised in the field of contaminated land assessment and management** and has completed the six-unit Contaminated Site Assessment and Remediation Management (CSARM) course at the University of Technology Sydney, a course supported by the NSW Environmental Protection Agency and industry.

Paola Rickard (LFA Managing Partner) has over twenty years of experience in natural resource management and as a senior environmental planner, provides necessary input into the often-complex planning process associated with contaminated land assessment in NSW (i.e. SEPP 55 - Remediation of Land, *Contaminated Land Management Act 1997*).

High Quality Expertise

LFA undertakes the assessment of potentially contaminated sites by **implementing the detailed guidelines issued by government (e.g. National Environmental Protection Measure & EPA guidelines)**. This ensures that an assessment of the **contaminant exposure pathways and risks are identified, and analysed at the appropriate stages of any project**. Primarily, this occurs through the review of site history and site analysis, the results of which contribute to a **Conceptual Site Model (CSM) and hence the recognition of exposure pathways and risks**.



LFA staff has combined experience of over 30 years in the natural resource management industry. They are experienced in undertaking field sampling including the collection and analysis of detailed analytical data. **LFA takes a practical approach to each project and undertakes critical review throughout the course of the project.** Examples of the contaminated land assessment projects undertaken by LFA include:

- Tier 1 investigation, sampling and associated reporting for numerous single dwelling lots;
- Tier 1 investigation, sampling and reporting for small to large sized subdivision developments;
- Preliminary & Detailed Investigations, Remedial Action Plans (RAP) to Validation sampling and reporting relating to the contamination of soil with lead and arsenic;
- Preliminary & Detailed Investigations comprising sampling and reporting relating to the contamination of soil with organotin;
- Site investigation and reporting relating to the potential occurrence of pre-classified 'hazardous waste' material including the classification of waste using SCC and TCLP tests;
- Sampling and reporting associated with the decommissioning of underground storage tanks; and
- Field assessments for the occurrence and management of acid sulphate soils.

Industry Memberships and Networks

LFA staff are members of relevant associations (Australasian Land and Groundwater Association – ALGA) that provide opportunity for regular engagement in forums and regular workshops, training and networking opportunities. LFA maintain a working relationship with a number of scientific professionals that can be drawn upon to contribute to projects as required.



Staff Profile and Contact Details

Tony Coyle



Environmental Scientist/Ecologist

*Bachelor of Applied Science, Major: Environmental Resource Management
Contaminated Site Assessment and Remediation Management (CSARM) -
University of Technology Sydney*

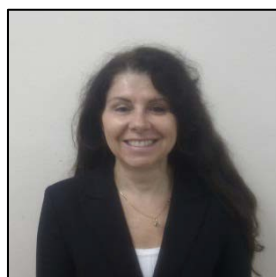
Managing Partner - Land & Fire Assessments Pty Ltd

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Tony has had over fourteen (14) years of experience in the environmental resource management and assessment industry, specialising in ecology, ecosystem management and restoration. In recent years, he has honed his expertise in the field of **contaminated land assessment**. **Tony has undertaken numerous Preliminary & Detailed Investigations, Remedial Action Plans (RAP) to Validation sampling and reporting assessments including contaminated land remediation supervision and monitoring.** Tony has completed numerous assessments and Review of Environmental Factors (REFs) addressing potential impacts associated with change of landuse, and the upgrade or repair of infrastructure such as roads and powerlines. He has also undertaken a wide variety of contaminated land assessments for domestic, commercial and government clients. Previous and current clients include Roads and Maritime Services (previously Roads and Traffic Authority), Essential Energy, Richmond Valley Council, Tenterfield Shire Council, Lismore City Council, Southern Cross University and South Ballina Sand Quarry.

Paola Rickard



Senior Environmental Planner/Project Manager

*Bachelor of Applied Science, Major: Environmental Resource Management
(Dist.)
Graduate Diploma in Design for Bush Fire Prone Areas with Distinction
Accredited Bushfire Practitioner BPAD-Level 3*

Managing Partner - Land & Fire Assessments Pty Ltd

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Paola has had over twenty (20) years of experience in the environmental resource management and assessment industry, specialising in Environmental Planning (environmental legislation), Environmental Impact Assessment and Management, Bushfire Assessment and Bushfire Prone Areas Design, compilations of REFs, landuse/property management planning, ecosystem management and restoration, bush regeneration and vegetation assessment. **Paola Rickard maintains up to date knowledge of relevant contaminated land and environmental protection legislation. Paola provides planning input into the hierarchy of legislation associated with contaminated land assessment and understand the relationship this hierarchy has with other relevant NSW legislation (e.g. EP&A Act).** Paola has extensive experience in overall project management and coordination of the various components of project implementation, client liaison and consultation with State and Local government agencies, and conducting peer reviews and preparing tenders. Paola has worked as a Project Manager (PM) at ASPECT *north*, LandPartners Limited and EAL Consulting Services managing large and complex multi-disciplinary projects. Her work experience in the region, organisation and team management skills ensure that the projects she manages are delivered to fulfil client expectations. PM responsibilities include budget compliance, client liaison, project team management, quality assurance and peer review.

