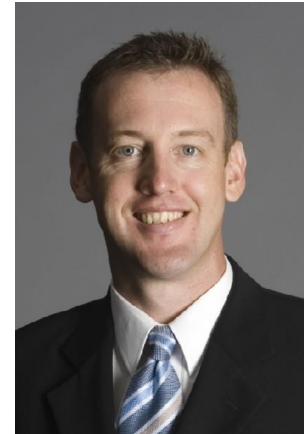


Curriculum Vitae

Andrew Winters

Profession:	Environmental Scientist / Occupational Hygienist
Qualifications:	Bachelor of Applied Science, Environmental Management Graduate Diploma, Remote Sensing Qld Government – Asbestos Assessor Licence A120954 Former NATA Delegating Signatory and Technical Manager, Type A Inspection Body for Hazardous Building Materials Surveys (Accreditation No. 17107) Former NATA Counter and Signatory - asbestos air monitoring Former ACT Government “Class A” Asbestos Surveyor TAFE Friable Asbestos Removal Training TAFE Asbestos Removal Training for Supervisors



Andrew Winters has twenty years' consulting experience in occupational hygiene, asbestos and other hazardous materials surveying, land contamination assessment and demolition management.

He has completed industry training for bonded and friable asbestos removal up to Supervisor level and has held numerous NATA accreditations for hazardous materials.

Andrew formed part of the steering committee for the Qld Branch of the Australian Contaminated Land Consultants Association, and was the inaugural secretary. He is a Suitably Qualified Person for land contamination assessments.

With complementary skills in project management, demolition and hazardous building materials, Andrew has successfully delivered several major projects involving the assessment and abatement of above and below ground environmental liabilities for government assets, power stations, defence establishments and other industrial and commercial estates.

Key Experience Areas

- Hazardous Materials
- Demolition Management
- Land Contamination Assessment

A selection of contaminated land and hazardous material experience

- **Swanbank A Power Station, Qld** – Above and below ground assessment, technical lead for asbestos and hazardous materials survey, demolition risk review and provision of an urgent technical addendum (Specification) when it was apparent that the directed tendering strategy of a market driven solution did not meet the Client's needs. Provided ad-hoc advice during the demolition phase and land contamination assessment post-demolition for CS Energy.
- **Asbestos Services, Sydney Opera House** – Occupational hygiene and project management services for various asbestos removal works undertaken for the Sydney Opera House Trust.

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- **Defence Establishments at Meeandah, Bulimba and Amberley, Qld** – One of the largest asbestos auditing and abatement projects in Queensland to date, with Andrew Project Managing and technical lead for surveying and supporting asbestos removal works across multiple establishments and buildings to promote limited disruption to key Defence services. The value of the assessment and abatement works to Defence was in excess of \$20M. Additional project management and technical lead of base wide asbestos surveys of HMAS Shoalhaven, NSW and RAAF Townsville.
- **Superintendency and Remediation Management, Howard Power Station Demolition, Qld** – Above and below ground environmental assessment, inclusive of hazardous materials assessment of structures and site contamination assessment. Preparation of relevant sections of the Specification for Demolition and Rehabilitation and site supervision for 18 months. Transitioned into the Superintendent role for remaining year of works involving demolition, finalisation of site rehabilitation, waste containment cell capping and construction of boat ramp and parklands on behalf of Qld Power Trading Corporation (Enertrade).
- **Former Commonwealth Games Site, Perth, WA** – Asbestos and other hazardous materials survey, specification, air monitoring and project management for demolition of a large grandstand complex at the Perry Lakes Urban Redevelopment Site for LandCorp. Works included innovative asbestos removal trials and subsequent application and granting of an exemption by the WA Worksafe Commissioner with regards to the recommended asbestos removal and demolition approach, which provided a significant time and cost saving to the Client.
- **Wittenoom Asbestos, WA** – on behalf of the WA Department of Lands, facilitated a technical workshop of key government and private stakeholders to present the findings of a major assessment on asbestos risk at Wittenoom and review remediation options and expected outcomes. Project Director for the recently completed conceptual analysis for remediation of the three priority sites, and subsequent detailed remediation design planning.
- **Tennyson Power Station, Brisbane, Qld** – provision of hazardous materials assessment, land contamination assessment, pre-tender cost estimate for demolition and designing remediation works.
- **Hazardous Materials, International Experience** - Since 2007 Andrew has spent a total of six months on international projects including the Solomon Islands, Philippines and Indonesia. Project work involved an asbestos survey of a hydroelectric power station in the Philippines and hazardous materials assessments assisting the reconstruction of Aceh, Indonesia.
- **Hazardous Materials Assessment, Former Australian Government Publishing Service Building, Canberra** – Detailed hazardous materials survey of the former Australian Government Publishing Service Building, including asbestos, to facilitate redevelopment for the Kingston Foreshore Development Authority.
- **Asbestos Audits, Somerset, North Pine and Wivenhoe Dams** – Project Manager and Lead Auditor for three major dams located in south east Queensland on behalf of SEQ Water, including follow-up annual reinspections.
- **Dalby Central, Qld** – Detailed building and land contamination assessment for this former small power station, gasworks and electrical substation site. Project manager and technical lead for remediation phase services and validation, including specification and certifying soil remediation and friable asbestos removal for Ergon Energy.
- **Former Sugar Mills** – Preliminary and detailed asbestos and land contamination assessments for Bundaberg Sugar's former Goondi, Mourilyan, Moreton and Wallaville Sugar Mills. Pre-tender cost estimates and remediation phase services for Moreton Mill during redevelopment as a commercial precinct.

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- **Various Telstra Sites** – Assessment and remediation services for several Line Depots and Operation Centres including Cairns, Hervey Bay, Maleny, Noosaville, Landsborough, Milton, Monto, Roma, Townsville and Warwick. Services included assessment, remediation technical specifications, tender evaluation, supervision of site works and validation documentation for Bovis Lend Lease on behalf of Telstra.
- **Former Defence Establishment, Banyo, Queensland** – Detailed assessment of soil and groundwater and remediation plan for a large WW II logistics site. Andrew acted as Project Manager and technical lead for the assessment and remediation works and as Superintendent for the building demolition works as part of site redevelopment for Grosvenor Properties.
- **Environmental Assessment and Monitoring, Various Major Civil Construction Sites, Queensland** – Including environmental compliance auditing for the Sunshine Coast Motorway Duplication at Sippy Downs, Maroochy River Bridge Duplication and Caloundra Region Industrial and Business Park for Department of State Development, Trade and Innovation.
- **Former Asbestos Mine, Baryulgil, New South Wales** – Various asbestos management services during the rehabilitation of tailings from a former chrysotile asbestos mine affecting an adjacent community. Services included building surveys, air and soil assessments and monitoring of civil and rehabilitation works for the Aboriginal and Torres Strait Islander Commission
- **Peoples Republic of China, Strategic Assessment and Management, Sydney** – Provided an assessment of remediation options for a proposed Chinese Consulate in Camperdown, Sydney, including development of the remediation plan and specification in consultation with the design team.
- **Collingwood Park, Redbank** – Various land contamination and UXO assessments of a large former Defence training area and rifle range. Supporting individual planning applications and remediation phase for various site developments including a sport and recreation facility, RSPCA headquarters and weekend markets.
- **Sewage Treatment Plants** – Assessment of treatment plants prior to site redevelopment at Victoria Point and Cleveland Plants for Redland Council, Queens Road Plant for Logan Council and Yandina Plant for Sunshine Coast Regional Council.
- **Various Services, Toowoomba Foundry** – Review of previous site assessment reports, data gap analysis, additional soil and groundwater assessment and production of a remediation plan to support planning approval for the proposed development.

Career History

2000 – 2015 GHD Pty Ltd (various offices NSW, WA, Qld) Manager / Principal Environmental Scientist. Project management and technical lead for multidisciplinary environmental assessment and rehabilitation projects, including demolition and brownfield redevelopment. Environmental liability assessment, remediation and compliance. Team Leader for land contamination and hazardous materials assessment and remediation (Qld 2001-2011, 2013-2015). Managed a team of 30 professionals providing land contamination assessment and auditing, mine closure, hazardous materials, environmental engineering, air and noise services (WA 2011-2012).

1997 - 2000 ENVIRON (United Kingdom) Senior Environmental Scientist. Land contamination and hazardous materials assessment and management.

1994 - 1997 New Environment Pty Ltd (Sydney) Occupational Hygienist. Asbestos and other hazardous materials surveys, air monitoring and clearance inspections. Indoor air quality assessments.