

202597L07Rev1

24 August 2023

Simon Rule
Wentworth Shire Council
26-28 Adelaide Street
Wentworth NSW 2648

Dear Simon

BURONGA LANDFILL ENVIRONMENTAL MANAGEMENT PLAN – SSD 10096818

Tonkin has been engaged by Wentworth Shire Council (WSC) to prepare a Landfill Environmental Management Plan (LEMP) for the Buronga Landfill. This LEMP will document environmental management controls to manage environmental impacts associated with the operation of the facility. These management plans will be written to satisfy the conditions of consent for application SSD 10096818.

These management plans required by the conditions of consent include:

- Landfill Environmental Management Plan (LEMP)
- Erosion and Sediment Control Plan
- Water Management Plan
- Leachate Management Plan
- Air Quality Management Plan
- Heritage Management Plan
- Landfill Gas Monitoring Plan

All management plans will form a part of the overall LEMP document. The conditions of consent require these plans to be prepared by a suitably qualified and experienced person(s). Condition B16 of the conditions of consent requires the preparation of a water management plan (WMP) documenting management of water on site including details for management of wastewater streams on site and containing a groundwater management plan. Condition B16a requires that the WMP is prepared by a suitably qualified and experienced person(s) whose appointment has been endorsed by the planning secretary. This letter has been prepared to show the experience of the project team and seek endorsement from the planning secretary. While endorsement from the planning secretary is not required by the conditions of consent for management plans other than the WMP, qualifications and experience for preparation of all plans required by the conditions of consent have been provided in this letter.

Tonkin has prepared LEMPs for several landfill facilities in NSW. These LEMPs all include management plans for leachate, water, air quality and landfill gas. The facilities which these management plans were recently prepared for include:

- Hawkesbury City Waste Management Facility, Hawkesbury City Council
- Nammoona Waste and Resource Recovery Centre, Richmond Valley Council
- Cooma Landfill, Snowy Monaro Regional Council

Tonkin's project team for the LEMP will be led by Mamdoh Ibrahim who has 22 years of experience in design, construction supervision and operation of landfills including 7 years of experience as manager of a major metro Sydney landfill. This role included responsibility for environmental



compliance for this facility. Mamdoh will have assist in the preparation of the overall LEMP and all required management plans within the LEMP.

The supporting project team will include various discipline specialists. These specialists include Dean Noske who will assist in preparation of the WMP and Landfill Gas Monitoring Plans. Dean has 21 years of experience in contaminated land assessment including soil and groundwater investigations and monitoring and is a EIANZ Certified Environmental Practitioner, Site Contamination Specialist. Ben Taylor, Senior Stormwater Engineer will assist in the preparation of the Erosion and Sediment Control Plan for the site.

Mamdoh, Dean and Ben will be supported by the broader Tonkin project team. Please see attached for CVs for Mamdoh, Dean and Ben.

The Air Quality Management Plan and Heritage Management Plans will be prepared by subconsultants who specialise in these respective fields. SLR Consulting Australia will prepare the Air Quality Management Plan, a summary of SLR's proposed project team and experience is provided as an attachment to this letter. The Heritage Management Plan will be prepared by Landskape, led by Dr Matt Cupper. Landskape were responsible for the preparation of the Aboriginal Cultural Heritage Assessment prepared as a part of the EIS for the expansion of the landfill which has previously been accepted by the Department of Planning.

Tonkin and WSC are seeing endorsement from the planning secretary for the nominated project team in accordance with condition B16a of the conditions of consent. We look forward to receiving your response.

Yours sincerely,

Andrew Seaton-Stewart

Principal Engineer

Leader Riverland Region

Tonkin

Enc Mamdoh Ibrahim Curriculum Vitae

Dean Noske Curriculum Vitae

Ben Taylor Curriculum Vitae

Summary of SLR Project Team

Mamdoh Ibrahim

Principal Waste Engineer

Mamdoh is a Principal Engineer in Waste Management with 22 years' industry experience. He brings a strong track record of performance in design, construction supervision and operation of landfills.

Mamdoh has worked in NSW, Australia for over 7 years. Prior to this he worked in Oman and Egypt for many of the major waste management companies and the Omani Government.

His key areas of specialisation include Waste Management Strategies, landfill site selection studies, Landfill Environmental Management Plans, Landfill Master Planning, Landfill gas and Leachate management, Landfill Capping design, Landfill Closure and Post Closure Plans and Quarry Management.

He likes to share his experience and ensure that lessons are learned from each project and is passionate about the delivery of projects that enable the construction of solutions that will benefit communities.

Recent, relevant experience

Landfill Manager | Elizabeth Drive Landfill | Cleanaway and Suez | Sydney, NSW | 2016–2023

- Establish, review and update landfill masterplan,
- Identify CAPEX and budget needs,
- Review and approve design work for landfill cells, lining systems, surface water management system, leachate management system, landfill capping and landfill gas collection systems.
- Manage excavation, cell construction, lining works and all other construction and infrastructure works carried out by contractors
- Preparation of tenders, tender evaluation, supervision of works, contract management and review quantity survey reports.
- Managed the Landfill Operation team and contractors' teams to achieve the operational KPIs.
- Ensure compliance with EPA licence, DA consent and other requirements and report to NSW EPA, Penrith Council, Mine Safety and other authorities. Manage the Landfill Expansion.

Landfill Engineer | Oman Environmental Services Holding Company | Muscat, Oman | 2010 – 2015

- Management and Supervision of several landfills' operation contracts.
- Review and approval of the design and construction method statements as well as ensuring the functionality of the landfill facilities for several engineered landfills design and construction projects.
- Supervision of projects engineers and attending site visits and major inspections and meetings for several landfill design and construction projects.
- Management and supervision of several waste management studies
- Environmental Impact Assessment (EIA) studies,
- Topographic survey and geotechnical investigation studies.



Qualifications

Bachelor of Engineering (Civil)

Professional accreditations and affiliations

MIEAust (Civil Engineering)

Skills and expertise

Waste Management

Landfill Engineering

Environmental Engineering

Driving excellence through dedication to quality deliverables, authentic and honest communication and innovation.

Dean Noske

Principal Environmental Professional | Discipline Principal Environmental Science

Dean is a Certified Environmental Practitioner (Site Contamination Specialist) with 21 years' experience in contaminated land assessment, complex soil and groundwater investigation design, conceptual model development, and the coordination of multi-disciplinary site investigations involving risk-based investigation, management and remediation strategies. Dean has also acted as auditor's representative on various sites and has worked on a number of highly sensitive sites. He brings a strong track record of performance in undertaking technically robust, assessments and investigations and developing pragmatic, cost-effective and often innovative, solutions that effectively manage and mitigate client risk.

Having successfully delivered a broad range of projects, Dean realises that no two projects are the same. He consistently delivers excellent outcomes by working together with his clients and project teams to apply first principles and craft tailored solutions that meet each project's unique challenges.

Dean has worked across a range of sectors, including public works, land development, mining and resources, Defence, and maritime. His broad, multidisciplinary experience enables him to bring understanding and insight that supports integrated, effective problem-solving and design outcomes. As an experienced Geologist he also brings a deep understanding of geological, local soil, contamination, groundwater and environmental issues, developed over almost two decade's experience in Adelaide and regional Australia.

Dean's ability to translate complex technical details and knowledge to stakeholders from a variety of backgrounds is complemented by his ability to recognise and adapt to the different working styles of others and lead teams to deliver best for project outcomes.

Recent, relevant experience

Contaminated Site Assessments

- Professional advice, Fleurieu Connection Alliance: Environmental Project Director. Included co-ordination of environmental works and provision of environmental advice associated with soil re-use and offsite disposal of soils along the Victor Harbour and Main South Road alignments.
- Combined environmental and geotechnical investigation along a portion of rail corridor, council road and DIT carriageway to determine the feasibility of a proposed stormwater alignment for the City of Prospect.
- Soil, groundwater and soil vapour investigation of a portion of the former Tonsley Innovation Precinct, with the purposes of obtaining construction approvals.
- Soil investigation and remediation planning of contamination hotspot area removal identified within both the Pakapakanthi (Park 16) and Kurangga (Park 20) areas.
- Groundwater and Surface Water Quality Investigation, six waste management facilities – Bunya, Caboolture, Dakabin, Narangba, Ningi and Woodford, (Moreton Bay Regional Council, QLD)



Qualifications

Bachelor of Applied Science
(Geology)

Certificate of Environmental
Management

Professional accreditations and affiliations

EIANZ Certified Environmental
Practitioner, Site
Contamination Specialist
(SC41123)

Member ACLCA and ALGA

Member of AUSIMM

Skills and expertise

Contaminated Site
Assessments (PSI's and DSI's)

Groundwater investigations

Remediation and site
management plans

Site specific risk assessment

Asbestos in soil assessment

Soil and groundwater
remediation

Environmental geology

*Dean is a highly
experienced site
contamination
specialist
delivering
investigation and
remediation
projects, with a
focus on solutions
that put our
clients first.*

- Assessment, management and reporting of the Millicent Orphan site soil, soil vapour and groundwater assessment (SA EPA)
- Groundwater investigation of the former Halifax Street Council Depot (Adelaide City Council)
- Groundwater investigation of Adelaide City Parklands (Adelaide City Council)
- Groundwater investigation of the former Deeds Road Landfill (City of West Torrens)
- Groundwater and hydrogeological study of an existing landfill (Tenterfield Shire Council, NSW)
- Soil and groundwater investigation of a former up-stream bulk fuel storage facility (Wasco Energy Company, QLD)
- Assessment, management and reporting of the Clovelly Park and Mitchell Park site assessment (SA EPA)
- Soil contamination investigations at various On the Run service stations (Peregrine Corporation)
- Various soil and groundwater investigations at BP, Mobil, Caltex and United Petroleum service stations
- Soil contamination investigations at the former Mitsubishi plant, Tonsley Park, SA and the former Mitsubishi engine foundry and test area, Lonsdale, SA
- Soil contamination investigations of the Port Adelaide waste water treatment Plant (SA Water)
- Soil and groundwater contamination investigations for various metropolitan and regional sites (DPTI)
- Environmental due diligence assessment of numerous sites across Australia (Telstra)
- Environmental due diligence assessment of numerous sites across Australia (Defence, SA and NT)
- Various combined environmental and geotechnical investigations for numerous Council Roadways
- Desktop Study and Assessment of Risk, City of Onkaparinga, SA
- Groundwater and soil assessment along the joint user hydrant infrastructure (JUHI) underground fuel pipeline at Adelaide Airport, SA
- Soil and groundwater assessment within the vicinity of the 'multi user' high rise car park at Adelaide Airport, SA.

Certified Environmental Practitioner Reviews

- Review and Certification of numerous soil investigation reports (PSI, DSI, VENM, validation etc) and management plans associated with the Darlington Primary School construction in NSW.
- Review and sign off preliminary and detailed investigation works undertaken nationally across 12 sites proposed for development as transport maintenance and freight storage facilities.
- Third party review of an assessment report, remediation action plan (RAP), and completion report for Alexandrina Council, SA
- Third party review of an assessment report for a proposed residential development for City of Tea Tree Gully
- Various third party reviews of assessment reports (PSIs and DSIs) for another local consultancy.

Auditor's Representative

- Critical assessment of various environmental investigations conducted by other consultant, as a representative of a SA and Victorian EPA accredited Environmental Auditor (Contaminated Land) (DPTI, Mobil Oil Australia Pty Ltd, SA Water and various developers)

Remedial Actions Plans and Environmental Management Plans

- Preparation of a remedial action plan for a former landfill (Adelaide Airport Ltd)
- Groundwater monitoring plan, Dublin landfill (SA)
- Soil excavation, Sturt Living Project (Adelaide, SA)
- Preparation of construction environment management plans (CEMPs) for various On the Run service stations (Peregrine Corporation)
- Preparation of remedial action plan for various former SA Water and DPTI sites
- Preparation of a groundwater monitoring plan for Jacinth Ambrosia mine site (Iluka)

- Preparation of a remediation action plan (RAP) for the onsite encapsulation of lead contaminated material within a proposed recreational open space, Broken Hill (NSW)
- Preparation of an asbestos management plan (AMP) of naturally occurring asbestos at a proposed waste transfer facility Gympie (Qld)
- Preparation of a hydrogeological impact assessment (HIA) of a proposed landfill expansion at Buronga (NSW)

Soil and Groundwater Remediation

- Soil and groundwater remediation of a former service station, (Mobil, Croydon Park, SA). In-situ chemical oxidation (ISCO) of an active non aqueous phase liquid (NAPL) plume
- Groundwater remediation through pump and treat technologies at a portion of the former Mitsubishi engine foundry and test area, Lonsdale, SA
- Soil remediation of the former council depot and industrial facility (Adelaide City Council)
- Soil remediation of landfill at Parafield Airport (Adelaide Airport Ltd)
- Soil remediation for a former industrial facility, Millers Hill, Preston, Victoria
- Soil and groundwater remediation of numerous former service stations and garages (SA and Victoria)
- Various UST and fuel dispensing bowser removal works.

Acid Sulphate Soil Assessment

- Desktop study and preliminary sampling, Dredging Feasibility, Whyalla, SA
- Sediment sampling, Dredging Feasibility Study, Port River, Adelaide, SA.

Defence Clearance Works

- Underground fuel storage area assessment, RAAF Edinburgh, Adelaide, SA
- Soil assessment works, PFOS contaminated soil, RAAF Darwin, NT
- Defence Consultant Manager, Divestment Stages 5, 8, 9A, 9B and 10, DSTO
- Environment Assessment, Divestment Stages 7, 11A and 11B, DSTO, Adelaide, SA
- Environment Assessment, Divestment Stages 3A, 3B and 3C, DSTO, Adelaide, SA
- Environment Assessment, Divestment Stages 4A, 4B and 6A, DSTO, Adelaide, SA
- Environmental Assessment, Whyalla Army Reserve Training Ground, Whyalla, SA

Mining and Resources

- Various groundwater monitoring events at the Rio Tinto Alcan, (Gove site at Nhulunbuy, NT)
- Regulatory groundwater monitoring and development of groundwater management plans (Jacinth-Ambrosia Mine, SA)
- Baseline groundwater monitoring (Mintabie/Marla Oil and Gas Exploration, SA)
- Various soil and groundwater sampling events (Cooper Basin, Santos).

Ben Taylor

Senior Engineer



Skills and expertise

- Water Sensitive Urban Design (WSUD)
- Watercourse Stabilisation and Rehabilitation
- Floodplain Modelling and Mapping
- Stormwater Management Planning
- Stormwater Drainage Detailed Design
- Urban and Rural Hydrology

Ben's extensive industry experience coupled with his pragmatic approach ensures problems are solved and well-considered outcomes are delivered.

Qualifications

- Bachelor of Engineering (Civil & Environmental)

Professional accreditations and affiliations

- MIEAust

Reason selected

Ben is a Senior Environmental Engineer with 18 years' industry experience. He brings a strong track record of performance in providing innovative and cost-effective solutions to technically challenging projects in urban water management.

Ben's key areas of specialisation include water sensitive urban design (WSUD), regional and urban hydrology, open channel hydraulics, drainage network design, watercourse stabilisation and rehabilitation and detailed design development.

Ben's expertise includes stormwater drainage design in both South East Queensland and South Australia, with a focus on WSUD which has evolved significantly during his career. He has also been involved in the preparation of a number of Stormwater Management Plans for Adelaide metropolitan and regional councils.

Ben is proficient in a range of stormwater modelling packages including MUSIC, DRAINS, HECRAS and SWMM.

His experience has provided him with a great appreciation for the opportunities and challenges within the industry and this, coupled with his pragmatic approach to problem solving, drives his ability to develop well-considered strategies and deliver excellent outcomes.

Recent, relevant experience

Floodplain Modelling and Mapping

Senior Engineer | Gawler River | Gawler River Floodplain Management Authority | Gawler | 2014 – 2021

The GRFMA sought to undertake a series of investigations since its formation, including regional flood modelling and mapping in 2007-2008. Subsequent investigations have been completed to review the hydrology and floodplain modelling while also investigating potential mitigation strategies to alleviate flood extents.

Ben was directly involved in the review of the Gawler River hydrology (RRR model) subsequent to the 2010 flood event. This included review of flood records at the relevant gauges in the catchment. Ben also completed hydrological modelling that incorporated a range of mitigation options to provide output hydrographs for testing in the Gawler River flood model.

Senior Engineer | Mount Barker Creek | District Council of Mount Barker | Mount Barker | 2011 – 2012

The District Council of Mount Barker sought to undertake regional flood modelling and mapping in 2011. This was to identify the existing flood risks in the township but also recognise the change in hydrology, and potential flood risk, associated with extensive development in the upstream catchment in line with the 30-year Plan for Greater Adelaide.

Ben was project manager and directly involved in the hydrology development and preparation of project documentation. The project also considered potential infrastructure upgrades and mitigation options.

Stormwater Management Planning

Senior Engineer | Smith Creek Stormwater Management Plan | City of Playford | 2016 – 2020

City of Playford progressed the development of a SMP covering the Smith Creek catchment which extended from the hills face adjacent to One Tree Hill through to Buckland Park. The catchment is relatively flat with substantial areas of unapproved hot house development and a lack of formal drainage infrastructure outside of the urban portion of the catchment.

Ben provided support in the review of the floodplain mapping to develop the mitigation strategies based on the agreed SMP objectives.

Stormwater Drainage Design

Senior Engineer | Liberty Development | Hickinbotham | Two Wells | 2012 – 2021

Hickinbotham has sought to rezone a large parcel of land to the immediate north of Two Wells for urban development. The site has historically been used for dryland cropping and partially within the floodplain of the Light and Gawler River systems. There is also very little existing formal drainage infrastructure in the region.

Ben was heavily involved in the design of the surface water management system for the development. This included the design of a regional flood management strategy to cater for large regional flows through the development. It also included the management of local drainage to comply with the site stormwater objectives around frequency and rate of discharge along with water quality.

Water Sensitive Urban Design

Senior Engineer | Pasadena Stormwater Harvesting Scheme | City of Mitcham | Pasadena | 2020 – 2021

City of Mitcham undertook investigations looking at daylighting of piped stormwater flows for potential larger scale harvesting and passive irrigation to public open spaces. The project seeks to help offset water use from mains supplies while increasing the canopy cover to substantially cool the open spaces on hot days.

Ben was involved in review of the feasibility of a stormwater harvesting scheme including the water balance modelling and hydraulic assessment. Ben also oversaw the detailed design development through to the issue for tender.

Senior Engineer | Adelaide Festival Plaza | Built | Adelaide | 2020 – 2021

Built was engaged in the construction of the Festival Plaza car park. The below ground car parks encountered groundwater that required a long-term management approach for treatment and discharge.

Ben was involved in review of water quality and liaising with the EPA regarding appropriate discharge strategies. This culminated in the detailed design of a series of raised biofiltration basins within planter beds to address water quality issues prior to discharge to the stormwater drainage system.

Senior Engineer | Transitioning to a Water Sensitive City | City of Adelaide | Adelaide | 2020 – 2021

City of Adelaide has embarked on a process to move towards becoming a Water Sensitive City in line with the approaches as defined by the CRC for Water Sensitive Cities (CRCWSC).

Ben provided training to City of Adelaide engineers, planner and asset managers around the use of the CRCWSC Scenario Tool. Further specific training sessions were provided to the asset management team regarding the principles of WSUD through to the key maintenance requirements.

Senior Engineer | Jervois Street WSUD Design | District Council of Yankalilla | Yankalilla | 2018 – 2019 | Project Capital Value - \$0.3 M

Through the development of the Yankalilla, Carrickalinga and Normanville Stormwater Management Plan, the existing stormwater outlet to the Bungala River near Jervois Street was identified as a target for augmentation.

Ben provided technical services in reviewing the potential augmentation strategies and oversaw the development of the concept and detailed design. This included direct involvement in the engagement process with the impacted landholder. The final solution provided a gross pollutant trap, biofiltration basin for improving water quality in low flows, channel widening and stabilisation, and stabilisation of the large bed drop to the Bungala River with a rock chute.

Senior Engineer | Ridge Park MAR Detailed Design | City of Unley | Myrtle Ban | 2011 – 2012

During the Millennium Drought, water restrictions severely limited the ability of local Council's to maintain irrigation supply to public open spaces and in many localities, led to the loss of established vegetation. To help build resilience against future droughts and water restrictions, City of Unley undertook investigations and subsequent detailed design, of a stormwater harvesting scheme, including managed aquifer recharge (MAR).

Ben provided technical input in the detailed design of the open channel stabilisation, stormwater offtake and water quality improvement upstream of the mechanical filtration system prior to injection. The scheme ultimately incorporated a litter screens and a biofiltration basin for primary and secondary treatment.

Watercourse Stabilisation and Rehabilitation

Senior Engineer | Park Lands Creek Rehabilitation | City of Adelaide | Adelaide | 2014 – 2016 | Project Capital Value - \$2 M

Park Lands Creek is a man-made channel that was built through the south park lands almost 100 years ago and has been subject to major deterioration. Works were required to address channel instability issues that have also lead to public safety risks.

Ben led the detailed design of the new channel configuration. The design provided a suitable channel profile while considering the significant local constraints associated with existing infrastructure, significant trees and contaminated soils. The design also focussed heavily on achieving substantial improvements in biodiversity, with a focus on plants that have known cultural significance to the Kaurna people.

Senior Engineer | First Creek Rehabilitation Projects | City of Burnside | Waterfall Gully | 2017 – 2021 | Project Capital Value - \$2 M

A major flood event in September 2016 resulted in widespread watercourse stability issues within the City of Burnside. Many of these watercourses were located within public reserves or drainage easements on private property. To identify the key priority actions Council undertook a process of completing a watercourse audit and setting aside funding to progressively address the watercourse issues requiring short term remedial works.

Ben completed the initial watercourse audit along First Creek from Waterfall Gully car park through to Glynburn Road. Key areas of concern were identified, including the urgency and scale of works required.

Ben was engaged with City of Burnside over the subsequent three years to define the schedule of works based on priority including the development of concept and detailed design. This frequently required direct engagement with property owners to explain proposed works and obtain access permission. Ben continued to be heavily involved through the tender evaluation and construction phase.

Senior Engineer | Glenthorne National Park| Department for Environment and Water | O'Halloran Hill | 2019 – 2021 | Project Capital Value - \$3 M

Glenthorne National Park has been created to provide a unique opportunity to preserve and revitalise a large area of open space in the southern suburbs while also providing linkages with other existing parks to form a large network of connected reserves. Stormwater management in Glenthorne National Park is still centred around the historical agricultural research. The project sought to modify the drainage regime to reflect a more natural systems and to enhance environmental values.

Ben completed the initial site review and development of concept and detailed design plans. This included the inclusion of water quality improvement systems such as sediment traps and biofiltration basins. The design also converted the large farm dam into a functional wetland with reduced volume to permit more frequent flows to the downstream reach. Ben utilised his extensive knowledge of watercourse stabilisation project to design a system that will achieve multiple benefits from biodiversity to public amenity.

Senior Engineer | Highbury Aqueduct Reserve Drainage Rehabilitation | Department for Environment and Water | Highbury | 2014 – 2020 | Project Capital Value - \$0.5 M

Department for Environment and Water took over the management of Highbury Aqueduct Reserve subsequent to the upgrade of the Highbury Aqueduct to a piped connection from the Gorge Road Weir to Hope Valley Reservoir. There were several significant existing stormwater management issues identified across the reserve that required remedial actions.

Ben was involved in the development of the concept and detailed design development, tender evaluation and provide advice during the construction phase. Ben has continued to be a provider of choice for ongoing technical services through the Highbury Aqueduct Reserve.

Name & Role	Qualifications	Experience
Kate Barker Project Manager 	BSc(Environmental) University of Technology Sydney 2017	Kate is a Senior Project Consultant in Air Quality with a background in environmental science. For the last five years she has worked with a diverse range of clients providing advice and technical assistance on air quality and environmental issues. She is experienced in the use of dispersion modelling software such as AERMOD and CALMET/CALPUFF. Kate has extensive experience in providing atmospheric dispersion assessments, management plans, odour surveys, occupation exposure assessments, ambient monitoring, and greenhouse gas assessments. Her experience has covered a broad range of industries, including data centres, power stations, poultry farms, waste recycling, concrete batching, foundries, and consumer product manufacturing. She is dedicated to helping her clients achieve their air quality goals through robust assessments and effective management advice.
Johan Meline Internal Review 	MSc Chemical Engineering CAQP MEIA	Johan Meline is a Certified Air Quality Professional and Principal Consultant with fifteen years of involvement in environmental consulting, and in particular thirteen years of air quality consulting in Adelaide, Johan has extensive experience in air quality assessment, monitoring and management. For his Master's he worked on analysis of European air quality data evaluating the effectiveness of EU air quality legislation. He has extensive experience in emission inventory development, analysis of air pollutant and meteorological monitoring data, and dispersion modelling (AERMOD, CALMET/CALPUFF, TAPM, AUSPLUME and ISCSC3). He has significant experience in the preparation of air quality impact assessments for the extraction industries, intensive agriculture, road transport and industrial activities. In addition he can provide services regarding ambient monitoring, environmental auditing, expert statements, landfill gas sampling and policy, legislation or guideline reviews.

10.0 Insurance

Our company carries full coverage for professional indemnity, public liability, workers' compensation and motor vehicles. Policy details are as follows:

