



Environmental approvals for water and wastewater treatment can be a complex minefield. In some instances, approvals may be required from multiple agencies, such as for recycled water. A detailed understanding of licence requirements the regulatory framework are essential.

Viridis Consultants is a specialist in environmental and water management with more than 12 years experience. We work with regulators, water utilities, local councils, private water utilities and the private sector. Our underlying goal in all of our projects is to give our clients the resources to operate with confidence and continuously improve.

Our team provides the knowledge and knowhow needed to project manage environmental evaluations and licence amendments. By utilising years of experience and scientific understanding of requirements, Viridis can minimise the time required to get environmental approvals. We can also help in maintaining compliance by managing/undertaking the development of site-based management plans, procedures and other documentation, training staff, preparation of annual reports and other regulatory requirements.

Documentation

- Development and implementation of EMS frameworks
- Preparation of SBMPs for a range of sites including sewage treatment plants and landfills.
- Preparation of environmental monitoring programs
- Preparation of standard operating procedures

Licensing and Compliance

- Environmental licence applications and amendments.
- Regulatory auditing
- Review of regulatory requirements to ensure on going compliance
- Liaison with regulators to ensure to best outcomes for all parties
- Address and respond to regulator notices

Investigations

- Internal auditing
- Environmental evaluations
- Water Balance Modelling
- MEDLI modelling
- Research and development
- Facilitation of risk assessment workshops

Support Services

- Development of training programs and facilitation
- Competency assessments for operational staff
- Reporting and returns
- Data analysis and trending
- Expert advice

Our Projects:

Recent relevant projects undertaken in Australia by the Viridis team include:

- Environmental Engineering Secondment – Southern Downs Regional Council
- Atherton STP Augmentation Project Planning and Environmental Offsets -Tablelands Regional Council
- Elliot Heads STP MEDLI Model – Bundaberg Regional Council
- Site-based Management Plans – Mount Isa City Council Landfills and Sewage Treatment Plans
- Site-based Management Plan – Cloncurry Water Treatment Plant and Sewage Treatment Plant
- Environmental Audit – Teys Australia Wagga Wagga
- Environmental Evaluation – Teys Australia Biloela
- Greywater Treatment System Assessments – Qld Housing and Public Works
- Environmental Management Plan – Rivturf Turf Farm
- Environmental Management System: Aspects and Impacts Procedure and Targets and Objectives Procedure, Environmental Incident Notification Procedure, Applying Legal Requirements Procedure – Seqwater
- Composting Strategy and Biosolids Reuse Trial Lotus Glen - Qld Housing and Public Works
- Solids Reuse Plan – Teys Australia
- Health and Environmental Management Plan (HEMP) Audits – Barwon Water
- Yarrabilba Stormwater Reuse Risk Management Plan – DesignFlow
- Recycled Water Reuse Risk Assessment – Teys Australia
- TradeCoast Central Stormwater Reuse Options - TradeCoast Central
- Environmental Impact Assessment – Shoot Range – Mount Isa Water Board

Services

- Water quality management service contracts
- Project management
- Risk assessment
- Operational procedures
- Implementation support
- Improvement plans
- Staff training
- Auditing and review
- MEDLI Modelling
- Water balance modelling
- Process optimisation

Workgroup Manager - Recycled Water and Environment

Karen Pither – 0414 496 680

With more than 10 years' experience in water and environmental management, Karen is an experienced project manager, specialising in the development, implementation and audit of management systems, including drinking water, recycled water and environmental management systems, site-based management plans and risk-based management plans.

As an Exemplar Global drinking and recycled water lead auditor, with a background in recycled and drinking water regulation with the Queensland Government, Karen is a specialist in water quality risk assessment and exposure assessments for recycled water reuse.

Karen's environmental experience includes the development of environmental management systems, environmental management plans and environmental risk assessment and environmental monitoring.



If you would like further information or think that Viridis can help you, please contact us. We are always happy to assist.

Viridis Consultants Pty Ltd

Brisbane Qld 4001

1300 799 310

www.viridis.net.au

