



SUSTAINABLE MANAGEMENT SOLUTIONS

We work together with you to create sustainable management solutions

OUR SKILLS AND CAPABILITIES

- Agronomy
- Biosolids and solid waste management
- Composting
- Dairy and feedlot effluent design (accredited)
- Environmental monitoring program design, implementation and reporting
- Feasibility studies and business cases
- Irrigation scheme and system design, dam engineering and approvals
- Project management and support
- Recycled water management
- Regulatory approvals and ongoing compliance management for recycled resource projects
- Scheme management and irrigation operations
- Soil testing, assessments and management
- Waste product reuse from intensive agriculture and processing
- Recycled resource pricing studies
- Water balance assessments
- Remediation of sites with legacy issues from poor irrigation or waste management

OUR CLIENTS

We work with a wide range of clients including water utilities, local government, waste management contractors, intensive agricultural producers (including dairies, feedlots, perennial horticulture), aquaculture producers, processors (including dairy processors, juicing facilities, wineries, abattoirs, fish processors) and developers (including subdivisions, golf courses etc).

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OUR SERVICES

Sustainable management solutions

- Development and implementation of practical solutions for utilising recycled water, biosolids and other organic waste materials in agriculture and amenity horticulture. We aim to maximise the agricultural benefit, while minimising the risk to public health and the environment.
- Waste management strategies for dairy processing facilities, aquaculture systems, abattoirs, wineries and other processors.
- Stakeholder engagement and providing a conduit between agricultural landowners and waste generators to form partnerships for beneficial use of waste resources.
- Accredited dairy effluent design.
- Project and operational support services to get projects happening and support implementation, including project management, project officer support and irrigation scheme operational management.

Mapping and management plans

- Irrigation and environmental management plans to provide management guidance to end users of recycled water and manage public health and environmental risks.
- Biosolids, solid waste or large-scale compost facility management plans, including site selection, risk assessment, application rates and determination of benefits to agriculture.
- GIS solutions to assist with managing and monitoring reuse of waste products.
- Ongoing agricultural and environmental support to assist with implementation of best practice.

Studies, development assessments and approvals

- Feasibility studies and business cases for the development of new (or improved) recycled water schemes, composting facilities and other recycled resource projects.
- Soil, vegetation and fauna assessments.
- Water balance assessments, nutrient budgets and agricultural plans.
- Irrigation scheme concept design and engineering, dam approvals and site-specific irrigation system design.
- Completion of regulatory approval processes for

recycled resource projects, including EPA and planning authority liaison.

- Development of environmental impact assessments, environmental effects reports, notices of intent and environmental management plans.
- Recycled resource pricing studies and value assessments.

Environmental compliance

- Design and implementation of environmental monitoring programs, including soil, groundwater, surface water, flora, fauna and freshwater ecology. Reporting to meet differing needs, including regulator, waste generator and end user.
- Assisting clients to understand and meet the conditions of their environmental licences and permits.
- Technical advice and support to businesses with environmental compliance issues or who want to optimise environmental and agricultural outcomes.

WHY WORK WITH US?

At Pinion Advisory, we work together to create sustainable management solutions for a wide range of agricultural, recreational and processing industries and developments. We specialise in recycled resource management, best practice agriculture and sustainable landuse practices.

Our team comes together with experience in agriculture, engineering and science to work with clients to develop cost effective and compliant solutions that benefit the environment. What sets us apart is our ability to help clients turn theory into reality.

Pinion Advisory has a large, multidisciplinary team of consultants with significant experience in agricultural systems, water and the development and management of recycled resources. Our team of environmental scientists, agricultural consultants and water resource specialists work with clients to improve land use practices, develop and implement resource recovery and reuse strategies, improve environmental performance, meet compliance targets and convert waste products into valuable agricultural assets.

For more information
contact us on **1300 746 466**
or visit **pinionadvisory.com**

