**CAPABILITIES**

**Darling Irrigation** specialises in water use efficiency and offers extensive hydraulic capabilities for the mining, agricultural, industrial, government and civil industries across eastern Australia.

**Maximising your infrastructure investment**

When you engage Darling Irrigation to assist with your project, you are engaging a highly qualified and capable team who follows a proven methodology that will help maximise your infrastructure investment:

- **Scoping and design**
  - Landholder and stakeholder liaison
  - Identification and management of environmental, cultural and heritage issues
  - Assistance with statutory planning and legislative obligations
  - Testing and analysis
  - Full system design and specification

- **Construction and installation**
  - Project management, monitoring and reporting
  - Civil construction
  - Pump supply and installation
  - Trenching and pipe laying
  - Directional drilling
  - Onsite poly pipe welding (electro fusion and butt weld)
  - Ongoing management
  - Remote monitoring and telemetry system installation
  - Delivery to schedule, scope and budget

- **Project management**
  - Project monitoring and reporting
  - Stakeholder communication, management and liaison
  - Scope variation management
  - Contingency planning

- **Ongoing service**
  - Repairs and maintenance
  - After hours service

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**Why Darling Irrigation?**

With a proven track record in the construction of pumping systems, pipelines, intelligent control systems and water management facilities, Darling Irrigation is renowned for providing the mining industry with quality solutions to scope, schedule and budget.

- **Dedicated staff** with extensive experience in mining and civil engineering and construction as well as earthmoving and irrigation development, water delivery systems, water use efficiency and wastewater systems.

- **Proven experience** working within the mining industry which illustrates a capacity to undertake large scale works and deliver high quality projects within this sector.

- **Collective buying power** from established retail outlets and large project orders resulting in competitive pricing.

- **Track record** of delivering projects to scope, schedule and budget.

- **Ability** to manage work health and safety, quality and environmental issues on remote and rural sites across eastern Australia.

- **Exemplary** on-going service including after hours repairs and maintenance arrangements.
Work health and safety

Darling Irrigation is committed to work health and safety (WHS) and ensuring the safety of our staff, contractors and clients.

This commitment is supported by a corporate management system for WHS which was implemented based on the NSW Government Occupational Health and Safety Management System Guidelines (4th Edition, June 2004).

All projects include a comprehensive site management system which is specifically tailored to address the project safety, environment and quality requirements of the site.

Darling Irrigation is experienced in managing WHS issues in rural and remote locations and our goal is zero injuries and incidents on all work projects, regardless of their size.

Credentials and accreditations

- Certified Irrigation Designs (Irrigation Association of Australia).
- Accredited occupational health and safety management (OHSM) system (NSW Government, accreditation No: DFS 12-00028).
- State Water accredited meter installations.
- NSW Office of Water pre-qualification under Cap and Pipe Bore Scheme.

Previous Projects

- **Trangie Nevertire Irrigation Scheme**
  - Design and construction of a 240 kilometre pipeline from Macquarie River supplying 93 properties with stock and domestic water.
  - Installation of a combination of modified plastic vinyl chloride (mPVC) and high-density polyethylene (HDPE) pipelines.
  - Installation and commissioning of a submersible pump station on river 36l/along with a boost pump station from two 120,000 litre balance tanks pressurising pipe network.

- **Feeder Tanks for Mine Shaft Tritton Mine**
  - Above ground poly welding.
  - Construction and installation of poly manifolds and water meters.
  - Installation of several 45,000 litre water storage tanks.

- **Bore Water Supply Project Mine Cobar**
  - Pipeline installation.
  - Bore testing and maximum yield analysis.

- **Cap and Pipe the Artesian Bores Program NSW Government**
  - Installation of more than two million meters of trenched pipeline across eight individual contracts.
  - Pump station installation and commissioning.
  - Storage tank installation.

- **Stormwater Harvesting Broken Hill City Council**
  - Installation of underground storage tanks.
  - Design and installation of a comprehensive pump and reticulation system including a sportsground irrigation system.

Contact Darling Irrigation

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