

Case Study Clarence City Council, Hobart



Cullys and EcoNova have been engaged by Clarence City Council to design, construct and commission the new Water Recycling Facility adjacent to the Hobart International Airport.

Clarence City Council, responding to rapidly expanding commercial development in the Cambridge area and increasing pressure on wastewater treatment infrastructure, authorised construction of a state of the art wastewater treatment and recycling facility.

Council awarded the tender for design, construction and commissioning of the plant to EcoNova. The plant will raise wastewater treatment standards and replace the existing Hobart International Airport secondary treatment plant, Council's lagoons in Cambridge and the Barilla Caravan Park lagoon system. EcoNova's NovaPro™ waste water recycling system will service several stakeholders, and will link to the recycled water irrigation network serving local golf courses and nurseries.

The EcoNova plant features state of the art KORED Membrane Bioreactor (MBR) technology to ensure that the treated water is safe to discharge into Lower Pittwater when not required for irrigation.

The 1.6ML/day plant will provide capacity to treat the expected growth in the area over the next 10 years and has been commissioned late 2008.

The Cullys team was heavily involved in the construction of the plant and also responsible for the design, manufacturing, programming and integration of the electrical and control components. The plant operates fully automatically using a programmable logical controller (PLC) which also allows for remote monitoring and management to reduce onsite operator involvement.

Cullys National presence ensures efficient and effective support is provided. Our National coverage includes Perth, Darwin & Sydney and through our strategic alliance partners, the business has points of presence in Melbourne & Brisbane. As Principal Contractor, Cullys offers 'turn-key' solutions and provides its clients with a single point of contact for all communications, liaison and management responsibilities.

Cullys has selected Renewed Water Solutions - [http:// www.rwspl.com](http://www.rwspl.com) - as its water and wastewater design engineering & environmental consulting services. Cullys Management Systems is implemented to manage all aspects of our business. It provides a framework by which the performance of the customer focused business activities; the health & safety and environmental management activities can be monitored, controlled and continuously improved. Cullys is committed to ensuring the health, safety & welfare of all personnel within its workplaces & ensuring a high standard of environmental performance from management, employees & contractors. Cullys management team accepts responsibility for the effective implementation of this policy & will provide systems, education, supervision & support to ensure a safe working environment.

Cullys commitment to professionalism has been our client base continue to expand. Our flexibility allows Cullys to be able to deliver exceptional results across a complex and varied customer base. We provide the full range of consulting, electrical, mechanical, structural and process solutions that are applied to new projects, upgrades, expansions, renewals and operations & lifecycle support phases.

For further details please refer to the company website - www.cullys.com.au.



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