



# Sunraysia Modernisation Project (SMP) - Channel Automation Project

Project start date: November 2014

Project completion date: June 2016

<b>Client</b>	Lower Murray Water
<b>Comdain's role</b>	Principal Contractor
<b>Project description</b>	One of three projects delivered by Comdain under the SMP to upgrade irrigation channels with new regulating infrastructure, re-profiling of existing channels banks, new SCADA system and infrastructure integration.
<b>Works undertaken</b>	<p>Works included the design and construction / installation of:</p> <ul style="list-style-type: none"><li>▪ 19 regulators including design, civil/structural works, gate installation, integration to pump stations and other structures, SCADA interfaces, commissioning, tuning, proof of performance</li><li>▪ 9ML/day pump station including new switchboard</li><li>▪ Retrofitting VSD control to existing major pump station and provision of new low flow pump sets and control equipment including SCADA integration and tuning</li><li>▪ Control of 3 dam levels with existing old infrastructure and integration to the channel automation system.</li></ul>
<b>Highlights &amp; Innovations</b>	<ul style="list-style-type: none"><li>▪ Use of stainless steel channel bank raising opposed to concrete channel bank raising. This innovation was more cost effective for the client and reduced risk regarding restricted access for concrete deliveries.</li><li>▪ Passing proof of performance for the channel automation system on the first round for all 3 districts with extremely stringent channel level control and with highly variant customer demand.</li></ul>

For more information contact:

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