

## ANSTEY HILL WTP COMPRESSOR UPGRADE

### Project Description

Eco Connection was engaged on a lump sum contract basis, to complete all associated electrical and control works associated with the installation of two new Champion Compressors (11kW). This involved upgrading the supply Circuit Breaker and feed cable, design, manufacture and installation of a new SS local control panel, all electrical installation works and integration into the existing SCADA network for monitoring in the control room.

was completed on time and on budget with zero OH&S or environmental incidents. The project achieved its targeted performance parameters maintaining a greater volume of instrument air at a more consistent end user pressure and has been online since commissioning with no faults.

### Scope of Work

Eco Connection's scope was to manage the electrical design and installation components of the project. This involved managing the design and approvals phases of local control panel, all schematics and the functional description. Factory Acceptance of the panel and control logic was achieved and witnessed by the client prior to installation. Site installation involved the removal of the existing installation and preparation works for the new units. Temporary compressors were installed and made operational whilst the new installation of permanent compressors was taking place. Two OH&S audits were conducted during the installation phase with no actionable items by Eco Connection. The system was commissioned and has been operational since the 18/06/2008.



### Project Achievements

All of Eco Connection's works associated with the installation,

### PROJECT SPECS

<b>Status</b>	Complete
<b>Dates</b>	April 08 - June 08
<b>Location</b>	Anstey Hill Water Treatment Plant, SA
<b>Contract Type</b>	Lump Sum
<b>Discipline</b>	Electrical/Controls/Instrumentation
<b>Budget</b>	\$60k
<b>Man Hours</b>	200
<b>Safety Incidents</b>	0
<b>Environmental Incidents</b>	0