

# Curragh Mine Thickener Tank, Australia

**Country:** Australia

**Project Timescale:** January - April 2011

**Structure:** Saline Water Containment Tank

**CPT Treatment Applied:**

DuoGuard™ Hybrid Anode™ System

**CPT Products used**

- DuoGuard™ 175 & 350
- DuoCrete SD Mortar
- MN15 Reference Electrodes

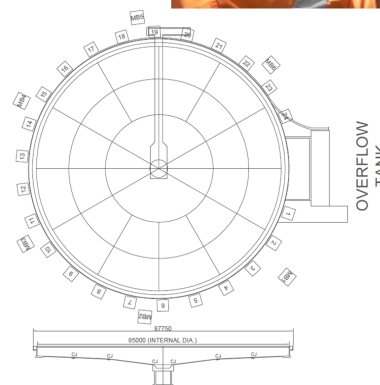
An 85m diameter x 3m high mine thickener tank in Eastern Australia was suffering from severe chloride attack due to periodic exposure to salt water. The Launder wall of the 30 year old Tank was extensively delaminated and on further inspection isolated areas of the lower wall and launder soffit showed deterioration.



Using a 3 man crew, approximately 375 DuoGuard 350 anodes were installed per day (13000 in total) following hydro-demolition and sprayed concrete reinstatement.



A DuoGuard™ Hybrid Anode™ System was applied to provide a long term solution to the corrosion problem.



For technical and sales support please contact us at;

**Concrete Preservation Technologies Ltd,  
Nottingham, UK, Sir Collin Campbell Building,  
Nottingham University, Innovation Park,  
Triumph Road, NG7 2TU**

**t: +44 (0)115 8229 430  
f: +44 (0)115 9220 316  
e: nigeld@cp-tech.co.uk  
www.cp-tech.co.uk**