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Professional Curriculum Vitæ



Antony Malcolm GIBSON

BE (Chemical) Hons MBA MIEAust CPEng

Qualifications	MBA, Melbourne Business School, University of Melbourne, 2010 Bachelor of Engineering (Chemical, Honours), University of Queensland, 2000 Chartered Professional Engineer Principal Environmental Auditor, RABQSA
Professional memberships	Member, Engineers Australia Member, Australian Water and Wastewater Association Editorial Committee Member, Water Journal
Consulting work	2010- Principal & Director, Antony M Gibson Consultants 2005-2010 Group Manager Consulting, Ecovise Environmental 2004-2005 Manager Consulting Engineering, WSL Consultants 2002-2004 Process Engineer, WSL Consultants 1999-2002 Chemical Engineer, GHD
Other professional involvement	2004- Editorial Committee Member, Water Journal Have prepared and presented professional papers and publications relating to wastewater treatment, water quality, and risk management.
Competencies	Municipal wastewater treatment process engineering Water recycling design and quality management Trade waste management Industrial water and wastewater treatment Water quality management Water supply and treatment processes Environmental management and auditing Consulting business management
Significant project experience	Municipal Wastewater Concept design, tender review and strategy work for clients including: Auckland City Council, Barwon Water, Beaudesert Shire Council, Brisbane Water, City West Water, Clarence City Council, Goulburn Valley Water, Griffith City Council, Portland Coast Water, SA Water and Wagga Wagga City Council Process modelling, process validation, pilot trials and water quality investigations at numerous wastewater treatment plants Principal Process Engineer on review of more than 80 water treatment and wastewater treatment assets for Queensland government Trade Waste Management Project manager for the new trade waste policy and pricing development for



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regional NSW council: included detailed financial modelling, engineering assessment, negotiation with government departments, and consultation with industries.

Completed numerous trade waste audits, waste minimisation studies and other government sponsored investigations

Water Supply

Project Director for development of a 5 year catchment program and business case to justify needs for catchment management to the economic regulator.

Review of major regional city treated water system including treatment plants, reservoirs, trunk mains and system operation. Included modelling of the system and preparing a strategy report for regulator submission

Investigation of disinfection options for large (1400 mm) raw water pipeline

Alternative Water Sources

Project Director for several water studies for regional football grounds, funded under the Federal Government Strengthening Basin Communities Program

Development of water quality plan for stormwater recycling scheme for an eastern Melbourne Council

Process validation plans for several major wastewater recycling schemes in Victoria and New South Wales

Water quality and quantity investigations for several proposed stormwater harvesting schemes for watering municipal parks and gardens

Process validation, verification and operability reviews for numerous decentralised wastewater and greywater systems

Industrial Projects

Experienced in the dairy, wine, chemicals, meat, fruit & vegetables processing, paper, pharmaceuticals, textiles, leisure, and government sectors. Scope of projects have included:

Design & construction of new wastewater treatment facilities (>\$3m)

Process improvement studies, including phosphorus removal, biological process modelling, membrane systems

Cleaner production, waste minimisation & resource efficiency studies

Environmental audit and management plans

Environmental works approvals

Solids management plans