

SPECIALIST AREAS

- Water quality and ecotoxicology
- Development of water quality limits
- Expert evidence
- Peer review
- Mentoring and training
- Independent Hearing Commissioner
- Project Management

EDUCATION

- Ph. D. Freshwater Environmental Toxicology (2001). University of Provence, France
- MSc in agronomy - Water Science (1997). National School of Agronomy of Montpellier, France
- DEA (equivalent MSc) - Freshwater resource management (1997), University of Montpellier II, France

PROFESSIONAL HISTORY

- Aquanet Consulting Ltd - Principal Scientist Water Quality (2007 to present)
- Horizons Regional Council – Senior Environmental Scientist – Water Quality (2002-2007)
- French Institute of Protection and Nuclear Safety – Researcher (1998-2002)

Introduction

Dr Olivier Ausseil has been a principal Scientist with Aquanet Consulting Limited since its creation in 2007. He has over 10 years experience as a practising scientist, successively working as a researcher, a regional council senior scientist and a private consultant. He specialises in the application of water quality science in the context of the Resource Management Act, both in Policy development and Resource Consent processes.

Olivier has extensive experience in the development of water quality limits and standards, having led the development of the river values framework and the water quality standards for Horizons' Proposed One Plan, and currently playing a key role in the development of water quality limits for Greater Wellington Regional Council.

Olivier has been involved in well over 100 resource consent cases, as a technical Expert representing every side of the process: consenting authorities, applicants and submitters, and recently as an Independent Hearing Commissioner.

Olivier is regularly asked to act in a peer-review, training, mentoring or facilitating capacity. Project management is another specialist area, and Olivier was recently appointed in the Science Lead role for Hawke's Bay Regional Council's Ruataniwha Plains Water Augmentation Scheme, a large water irrigation development project.

Through Aquanet Consulting Ltd, Olivier has worked on behalf of 8 regional councils, 4 district and city councils, as well as the Department of Conservation, Fish and Game and a number of private companies. Many strands of Olivier's current work involve public research organisations, such as NIWA and Cawthron Institute as well other consulting firms.

Representative experience

- Expert advice:
 - Development of water quality limits in relation to Aquatic Ecosystem, Trout Fishery and Recreational values (Greater Wellington, current);
 - Water Quality Limits for Toxicants: Member of an expert panel providing advice to Greater Wellington Regional Council (May 2011);
 - Review of S36 charges for Hawke's Bay Regional Council (October 2010);
 - Review of Environment Southland's SoE water quality monitoring programme (May 2010).
- Project Management and Facilitation:
 - Science Lead for the Ruataniwha Plains Water Augmentation Scheme, Hawke's Bay Regional Council (current);
 - National "Champion" on behalf of the regional Councils, of the Envirolink Tool development "Instream Sedimentation" project (current);
 - Facilitator of Palmerston North City Council's Wastewater Monitoring Group (current);
 - Facilitation of a Science-Policy workshop on water quality limits for Greater Wellington regional Council (July 2010).

AFFILIATIONS

- o Member of the New Zealand Freshwater Sciences Society

LANGUAGES

- o English
- o French
- o Spanish (some)

OTHER SKILLS AND TRAINING

- o Hearing Commissioner Accreditation (Making Good Decisions Programme, 2010)
- o Electric fishing machine operator (2008)
- o 4WD/ATV training in august 2002 NZQA accredited

o Mentoring and training:

- Mentoring of Environment Southland's technical staff for the production of the Council's 2010 SoE report (current);
- Training given to Horizons Regional Council staff: technical assessment of resource consent applications and expert evidence preparation/presentation (July 2010).

o Independent Hearing Commissioner:

- Accredited in March 2010;
- Appointed by Horizons Regional Council for the NZDF Waiouru wastewater discharge hearing (June 2011).

o Resource consents:

- Technical assessment and expert witness on behalf of various Regional Councils, submitters and applicants in relation to over 100 resource consent applications;
- Presentation of expert evidence in Council Hearings and Environment Court (17 council hearings and 2 Court hearings);
- Resource consent cases primarily concerned discharges of contaminants to water and/or land, including domestic wastewater, industrial wastewater, urban stormwater, industrial stormwater, windfarms, earthworks and river works;
- Prosecution cases: Preparation of briefs of evidence for the Regional Council (Horizons Regional Council, 3 cases);
- Compliance Assessment on behalf of consenting authorities (Horizons and Hawke's Bay Regional Council);
- Preparation of Assessment of Environmental Effects (AEE) for resource consent applications (Palmerston North City Council).

o Peer-review of Science reports for Hawke's Bay Regional Council, Greater Wellington Regional Council, Environment Canterbury, Environment Southland, West Coast Regional Council and the Ministry for the Environment.

o Significant technical reports:

- Ausseil O. (2011). Nutrient status of rivers and streams in the Wellington Region An analysis of State of the Environment monitoring data. *Technical report prepared for Greater Wellington Regional Council by Aquanet Consulting Limited*;
- Ausseil O. (2010a). Hurunui River – Influence of the middle reach tributaries on water quality in the lower Hurunui River (2005-2008). *Technical report prepared for Environment Canterbury by Aquanet Consulting Limited. Environment Canterbury Report No. R08/55. ISBN978-1-86937-858-5*;
- Ausseil O. (2010b). Silver Fern Farms Limited Shannon Macroinvertebrate caging study for the discharge of treated Fellingmongery wastewater to the Manawatu River. *Technical report prepared for Silver Fern Farms Limited by Aquanet Consulting Limited*;
- Ausseil O. (2010c). Environment Southland – Review of State of the Environment Water Quality Monitoring Programme. *Technical report prepared for Environment Southland by Aquanet Consulting Limited*;
- Ausseil O. (2009a). Water quality in the Ngaruroro catchment – State, trends and contaminant loads. *Technical report prepared for Hawke's bay Regional Council by Aquanet Consulting Limited*;

- Ausseil O. (2009b). Water quality in the Tutaekuri catchment – State, trends and contaminant loads. *Technical report prepared for Hawke's bay Regional Council by Aquanet Consulting Limited*;
- Ausseil O. (2008a). Water quality in the Tukituki catchment – State, trends and contaminant loads. *Technical report prepared for Hawke's bay Regional Council by Aquanet Consulting Limited*;
- Ausseil O. (2008b). Palmerston North City Council. Periphyton assessment of the Manawatu River at Palmerston North. *Technical report prepared for Palmerston North City Council by Aquanet Consulting Limited*;
- Ausseil O. and Clark M. (2007a). Recommended water quality standards for the Manawatu-Wanganui Region. *Technical report to support policy development. Horizons Regional Council Report No 2007/EXT/806. ISBN 978-1-87743-89-5*;
- Ausseil O. and Clark M. (2007b). Identifying Community Values to guide water management in the Manawatu-Wanganui Region. Technical Report to support Policy development. *Horizons Regional Council Report No 2007/EXT/786. ISBN 978-1-87743-76-3*

Referees

o Referee 1: Mr Graham Sevicke-Jones,

Manager, Environmental Science, Hawke's Bay regional Council

Address: 159 Dalton Street, Napier

Phone number: 06 833 8038

Services provided to Hawke's Bay Regional Council include:

- Production of 3 river catchment "state of the resource" technical reports;
- Review of S36 consent charges;
- Production of a "state of knowledge" report on the effects of stormwater in the Hawke's Bay region (in progress);
- Technical review of consent applications
- Expert Evidence to Council Hearings and Environment Court.

o Referee 2: Mr Greg Carlyon,

Group Manager Regional Planning and Regulatory, Horizons Regional Council;

Address: 115 Victoria Avenue, Palmerston North

Phone number: 021 22 77 160

Services provided to Horizons include:

- Expert Evidence to Council Hearings and Environment Court
- Technical review of consent applications and compliance assessments
- Training of Horizons' technical staff for technical assessment of resource consents and preparation/presentation of expert evidence (July 2010).

o Referee 3: Ms Juliet Milne,

Team Leader Environmental Science, Greater Wellington Regional Council;

Address: PO Box 11646, Manners St

T: 021 22 77 160 / Email: Juliet.Milne@gw.govt.nz

Services provided to greater Wellington include

- Production of technical reports recommending biological and freshwater limits in relation to various management objectives;
- Running of Science/policy workshop on water quality limits;
- Peer review of technical reports;
- Technical review of consent applications.