

QUALIFICATIONS

B.A. (Marine Biology), University of California, Santa Cruz, 1988

PROFESSIONAL AFFILIATIONS

New Zealand Marine Sciences Society
Water New Zealand

ROLE AT CAWTHRON

Paul is an environmental scientist with 22 years of professional environmental consulting experience in both the United States and New Zealand. Prior to joining Cawthron in 1997, Paul served as a Senior Staff biologist for eight years at a private environmental consulting group (Kinnetic Laboratories Inc.) in Anchorage, Alaska. At Cawthron he serves as a Senior Marine Scientist in the Coastal & Freshwater Group. At both Cawthron and KLI, his primary focus has been discharge-related water and sediment quality issues.

SPECIAL INTERESTS & ACHIEVEMENTS

- Environmental impact assessment and monitoring
- Water & Sediment Quality Impact Evaluations
- Permitting and Wastewater Discharge Evaluations
- Field Operations, Equipment and Sampling
- Benthic Community Analysis
- GIS/Database design and programming

SELECTED PUBLICATIONS

Barter PJ, Robertson B, and Forrest BM 2002. Characterisation of receiving environments. In: New Zealand Municipal Wastewater Monitoring Guidelines, Chapter 6, DE Ray (Ed). New Zealand Water Environment Research Federation, Wellington.

Barter PJ, Forrest BM 2002. Monitoring receiving environment effects. In: New Zealand Municipal Wastewater Monitoring Guidelines, Chapter 11, DE Ray (Ed). New Zealand Water Environment Research Federation, Wellington.

Barter PJ, Robertson B, Thompson S 2003. Ecological investigations for a proposed ocean outfall for the Fonterra Ltd milk factory at Clandeboye. Prepared for International Food and Beverage Services Ltd. Cawthron Report No. 816.



Barter PJ 2003. Oceanographic investigations for a proposed outfall for the Fonterra Limited Milk Factory: Clandeboye. Prepared for International Food and Beverage Services IFBS Ltd. Cawthron Report No. 815.

Prince RC, Clark JR, Lindstrom JE, Butler EL, Brown EJ, Winter G, Grossman MJ, Parrish PR, Bare RE, Braddock JF, Steinhauer WG, Douglas GS, Kennedy JM, **Barter PJ** 1994. Bioremediation of the EXXON VALDEZ Oil Spill: Monitoring Safety and Efficacy. In: Hydrocarbon Bioremediation, Hinchee, R.E., B.C. Alleman, R.E. Hoepfel, and R.N. Miller, eds. Lewis Publishers, Boca Raton, FL. pp. 107-124.

Barter PJ, Deas T 2003. Comparison of portable nephelometric turbidimeters on natural waters and effluents. New Zealand Journal of Marine and Freshwater Research 37: 485-492.

Barter PJ 2003. Investigation of pond velocities using dye and small drogues: a case study of the Nelson City waste stabilisation pond. Water Science and Technology 48: 145-151.