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## **List of Select Environmental Projects Conducted over the Period from 1982 to 2003**

### *South Eastern Junior Cricket Association*

Preparation of Environmental Plan of Management, 2003.

### *Beachcomber Holiday Park*

Advising on formulation of environmental plan of management for holiday park within a National Park, 2003.

### *Caravan and Camping Industry Association of NSW*

Advising on aims, objectives, criteria and appropriate techniques for the Gumnut Awards rating scheme for environmental improvement for caravan parks, 2002-2003.

### *Bondi Townhouses*

Preparing a plan for Total Watercycle Management of townhouses in Bondi, 2002-present.

### *Basell Polyolefins, Rosehill*

Development of Total Watercycle Management Plan, 2002-2003.

### *South Brighton Spit, Christchurch*

Advice on stability of tidal inlet and risk of coastal erosion (NZ Cashflow Control), 2002-2003.

### *Fry Street, Chatswood Residential Subdivision*

Advice on total watercycle management. (Project won Local Government Excellence in the Environment Awards for the Built Environment Award category for division C population greater than 60,000.) 2002.

### *Coastal Council of NSW*

Submission on Draft Coastal Design Guidelines (on behalf of Caravan and Camping Industry Association of NSW), 2002.

### *Bobbin Head Road Turramurra*

Advice on strategies for mitigating adverse environmental effects, and where feasible enhancing environmental benefits of a development for a retirement village, 2001-2002.

### *Watkins Road Baulkham Hills*

Advice on requirements for providing riparian ecosystems for potential subdivision, 2001-2002.

*Krown Paint Watercycle Management Plan*

Preparing a plan to minimise stormwater runoff from the site and assess options for reuse, 2001.

*Banksia Green Environmental Management Plan (NPWS)*

Preparing an EMP for the proposed Hybrid toilet system to be installed at the Banksia Green camp site, 2001.

*Total Watercycle Management Plan, Darling Mills Farm & Polyculture Centre.*

Developing a plan and a storage model for managing the storage and use of rainwater, stormwater, and wastewater reuse, 2000.

*Jemby-Rinjah Eco-tourist Resort Environmental Management Plan*

Preparing an EMP covering all operational aspects of the resort in the Blue Mountains, 2000.

*Water Expert, The Angkor Project (Archaeology, University of Sydney and Ecole Francaise d' Extreme Orient)*

Advising on the causes for the failure of the irrigation system which led to the collapse of this empire, 1999-present.

*Environmental Management Plan, Scanline*

Preparing an EMP for the operation of the Scanline cooking oil recycling site located near Blacktown, 1999.

*Environmental Specialist, Refugee Camps, Albania (United Nations High Commissioner for Refugees)*

Developing Environmental Guidelines for and rehabilitating tented refugee camps and refugee-affected areas, 1999.

*Christian Camp, South Maroota (Trevor and Lorna Garlick)*

Preparing Environmental Management Plan covering all operational aspects for camp adjacent to environmentally sensitive area, 1999.

*Papamoa Coastal Hazard Zones, New Zealand*

Advice on economic and technical adequacy of procedures used for zoning coastal hazards, 1998-2002.

*NSW Floodplain Management Manual (Department of Land and Water Conservation, NSW)*

Incorporating the concept of ecologically sustainable development into the revised manual, 1996-7.

*Opotiki Healthcare Centre, New Zealand (in association with the Grafton Group, Auckland)*

Economic and social benefits of a controversial replacement of a flood-free hospital with a flood-prone healthcare centre, 1996.

*Manual for Enhancing the Amenity of a Coastal Area (NSW Department of Land and Water Conservation)*

Preparing manual for enhancing the amenity of coastal areas and ranking proposals submitted for funding under the Coastal Management Program, 1995-7.

*Jenolan Caves Access Economic Analysis (in association with Colston Budd Hunt & Twiney Pty Ltd)*

Economic and environmental evaluation of feasibility of restricting vehicular access to Jenolan Caves for self-financing government recreation authority, 1993-4.

*Lake Illawarra Environmental Economics (Lake Illawarra Authority)*

Environmental economics of the proposed modifications to the Lake Illawarra entrance (in association with Sloane Cook and King), 1993-5.

*Irrigation Projects, Vietnam (Asian Development Bank)*

Economic, social and environmental evaluation of Song Chu and North Nghe An irrigation schemes, 1992-3.

*Ourimbah Creek Salinity Intrusion (FAI Insurance)*

Investigation of cause of intrusion of salt water over weir in Ourimbah Creek, 1992-4.

*Duck Creek Flood Mitigation (Water Board)*

Review of Environmental Factors for pruning of mangroves, 1992-3.

*Kogarah Bay Waterway Enhancement (Public Works Department)*

Preliminary evaluation of environmental economics of benefits of dredging, 1992-3.

*Sanitation, Drainage and Flood Mitigation Study*

Kaleerwe-Kavule Area, Zampala, Uganda (Church of Uganda and Auckland Diocese of Anglican Church).

*Advice on sustainably improving the living environment of a slum area, 1990-1.*

Lower Tweed Estuary Development Project (Public Works Department) Development of scope and program for Plan of Management, 1990-1.

*Project Management, Environmental Design & Planning*

Crocodile Skin Tanning Factory, Wallerawang. (Wild Leathers Australia Ltd.), 1990-1.

*Victoria Road By-pass (Roads and Traffic Authority)*

Preparation of Environmental Impact Statement (in association with Wargon Chapman & Partners), 1990.

*Elsie St. Development, Burwood (Elsie Street Residents' Action Group)*

Advice and representations on environmental deficiencies of proposed development, 1990.

*Local Government and Resource Management Law Reform Program (New Zealand Local Government Association)*

Advice on feasibility of limitations on liability of local government for flood losses, 1990.

*Lower Tweed Estuary Development Project (Public Works Department)*

Project Management of environmental component of feasibility studies, 1989.

*Nepean Dredging (Nepean Dredging Pty. Ltd.)*

Preparation of submission on Hawkesbury-Nepean Regional Environmental Plan, 1987.

*Corporate Plan of Management. (Public Works Department, NSW)*

Preparation of Corporate Plan for the Department's Coastal Section, 1987.

*Waste Disposal Area, Mt. Ku-ring-gai, NSW (Hornsby Shire Council)*

Project management of ecological study for proposed solid waste disposal site (in association with T.J. Fatchen & Associates), 1986.

*Property Development, Leura, NSW*

Advice on means of maintaining desirable hydrological characteristics of a site in an environmentally sensitive area, 1986.

*Fish River Water Supply (Public Works Department, NSW)*

Preparation of environmental impact statement for augmentation of water supply system. A new proposal was developed to reduce the significance of the environmental impacts, so that an EIS was no longer required, 1986-7.

*NSW Water Supplies (Public Works Department, NSW)*

Preparation of Reviews of Environmental Factors for installations of or augmentations to water supply systems for Balranald, Bathurst, Bowning, Bulahdelah, Gundagai, Hay, Narooma-Tuross, Singleton, South-West Tablelands and Wentworth, 1985-6.

*Oil Exploration, Western Australia (Diamond Shamrock Oil Company)*

Environmental planning and management of oil exploration for a number of offshore sites, 1985.

*Lake Mungo National Park World Heritage Area (National Parks and Wildlife Service, NSW)*

Advice on geomorphological and archaeological considerations in allowing agricultural activities (in association with T.J. Fatchen & Associates), 1984-5.

*Second Sydney Airport Environmental Impact Study (Wilton Against Runways)*

Preparation of submission on behalf of residents' action group opposing one of the two short-listed sites for Sydney's Second Airport, 1984.

*Sediment Transport in Hawkesbury River (Public Works Department)*

Examination of available data for modelling the supply of sediment, suitable for the sand and gravel industry, to the Hawkesbury River, 1983.

*Highmark Village, Katoomba (Milemark Ltd.)*

Environmental studies of a cultural, resort and sporting complex for a Development Application, 1983-4.

*Fairmont Resort Development, Leura (Leura Preservation Society)*

Advice on environmental deficiencies in procedures leading to consent to a resort proposed to be sited on the Blue Mountains Escarpment, 1982-3.

*Ecological Reference Areas (National Parks and Wildlife Service, NSW)*

Study of eastern NSW, to select areas suitable for reserving for scientific purposes against human disturbance (in association with T.J. Fatchen & Associates), 1982-4.

*Coastal Erosion Management (Coastal Council of NSW)*

Advising on social surveys to evaluate coastal residents' perceptions and apprehensions of the hazards of living very near to the coast, 1983.