

# DAVID RIVETT (B Eng(Civil) M Nat Res)



## PROFESSIONAL QUALIFICATIONS AND ASSOCIATIONS

- Bachelor of Engineering (Civil), Queensland Institute of Technology, 1975
- Master of Natural Resources, University of New England, 1994
- Certified Practising Planner (Planning Institute of Australia) 1998 to date member, *Urban & Regional Planning* and *Environmental Planning* chapters
- Member, Australian Institute of Company Directors (2007 to date)
- Chartered Professional Engineer (to 1997)
- Local Government Engineer, Queensland 1983 to date
- Registered Professional Engineer, Queensland 1985 to date
- Member, Institution of Engineers, Australia 1979-1997 (Chairman, Cairns Local Group 1987/88)
- Member, Environment Institute of Australia 1994 to 2003 (President, Far North Queensland Division 1995/96/97/98)
- Member, Ecotourism Association of Australia 1996 to 2005

## AREAS OF SPECIAL COMPETENCE

- Impact assessment of transport and other infrastructure
- Integration of natural resource management and planning instruments
- Heritage interpretation, ecotourism development and recreation planning
- Biodiversity conservation, natural resource management and strategic planning
- Aquaculture planning, impact assessment, licensing and environmental management
- Environmental management and environmental engineering
- Management of multidisciplinary studies
- Community engagement

## PROFESSIONAL EXPERIENCE

1993 to date	Principal – Environment North (formerly Environment Science and Services (NQ)). [Cairns]
1991 to 1993	Environmental Engineer and Cairns Manager - Environment Science and Services. [Cairns]
1990 to 1991	Associate – Connell Wagner. [Cairns]
1983 to 1990	Design Engineer (Civil) and Team Leader (Multidisciplinary Studies) – Macdonald Wagner & Priddle (later Connell Wagner). [Cairns]
1981 to 1983	Design Engineer (Civil) – Macdonald Wagner & Priddle. [Brisbane]
1981	Design Engineer (Structural) – Brown and Root (UK) Limited. [London]
1980	Design Engineer (Civil) – Lingowi-Balfour-Halcrow Joint Venture. [London]
1978 to 1979	Resident Engineer, Cooloolabin Dam Project – Jack Mulholland, Consulting Engineer. [Nambour]
1976 to 1978	Design Engineer (Civil and Structural) – Jack Mulholland, Consulting Engineer. [Brisbane]

## RELEVANT EXPERIENCE

### (a) Impact Assessment of Transport and Other Infrastructure

Responsible for various tasks associated with impact assessment of transport and other infrastructure including roads, transmission lines, residential and tourism resort development, pipelines and river works. Work includes assessment of values, determination of impacts, recommendations for environmental management to ameliorate impacts. Key examples are:

- South Cairns Transport Connectivity Study (current). Provision of environmental planning advice on the development of transport options to connect traffic and public transport from South Cairns to the Mulgrave Road/ Ray Jones Drive network. Tasks include strategic planning, development of technical briefs, and advice on approvals.  
[Client: Department of Main Roads]
- Townsville Port Access Road (current). Provision of specialist planning advice regarding permits and environmental management. [Client: Department of Main Roads]
- Kuranda Range Upgrade Concept Phase (2002 to date). Project Environmental Manager providing advice on implementation needs and strategies for the planned upgrading of the Kuranda Range Road. Work includes preparation of EPBC Act referral, environmental optimisation and management studies, preparation of a major impact assessment study, application for WTMA rezoning and permit, application for EPBC Act approval, preparation of Master Environmental Management Plan, assistance with preparation of the Business Case including risk analysis, delivery mechanisms, and all liaison and negotiation with agencies.  
[Client: Department of Main Roads]
- Myola Planning Study – Impact Assessment (2005/06). Quantitative assessment of the impacts of development of Myola in accordance with the Myola Planning Study. Work included assessment of proposed amendments to the Planning Scheme via Codes and Overlays and development of clearing “rules” to test the impacts of proposed development.  
[Client: Department of Main Roads]
- Cairns Harbour Dredging Long Term Dredge Spoil Disposal Strategy (2006 to date). Responsible for preparation of a monitoring program and providing assistance to the Technical Advisory and Consultative Committee, and preparation of final report and monitoring recommendations. [Client: Cairns Port Authority]
- Cairns Harbour Dredging Long Term Dredge Spoil Disposal Strategy (2003-2005). Responsible for preparation of a study into alternatives to sea disposal of dredge spoil and environmental issues associated with the dumping option. Work involved co-ordination of engineering, environmental and statutory planning input, formation and operation of Technical Advisory and Consultative Committee, and preparation of final report and monitoring recommendations. [Client: Cairns Port Authority]
- Russett Park Emergency Access (2001 to 2003). Preparation of Environmental Investigations report and Environmental Management Plan (Planning) for management of a proposed road through the Wet Tropics World Heritage Area, plus an environmental impact assessment in support of a rezoning application under the Wet Tropics Management Plan and a referral under the *Environment Protection and Biodiversity Conservation Act* (Cwlth).  
[Client: Mareeba Shire Council]
- Proposed Replacement of the Kareeya to Innisfail High Voltage Transmission Line (2002). Review of draft Environmental Impact Statement.  
[Client: Johnstone Shire Council, Cardwell Shire Council, Power to the People Action Group]
- Portsmith Waste Treatment Facility (2000 – in association with Flanagan Consulting Group). Preparation of existing environment report in support of an application for an *Environmental Authority* for a major municipal waste treatment plant.  
[Client: Bedminster Bioconversion Australasia]
- Kuranda Range Impact Assessment Study (1999-2000 – in association with Maunsell McIntyre). Deputy (acting) manager and environment team leader for IAS on the proposed upgrading of the Kuranda Range Road. [Client: Department of Main Roads]

**(a) Impact Assessment of Transport and Other Infrastructure (Contd)**

- Department of Main Roads Review of Environmental Factors reports - various (1993 to date). Environmental input into Review of Environmental Factors reports or Link Studies for various projects in North Queensland, including: Maitland Rd to Mackey Ck Duplication (1995); Edmonton Duplication (1995); Brinsmead-Kamerunga Road (four schemes – 1995-1996); Kuranda Passing Lanes (1996); Smithfield By-pass (1996 to date); Southern Access Road (1996); Mourilyan Harbour Access Road (1996-97); Foxton Bridge Replacement (1996); Captain Cook Highway (1996 to 2004); Herveys Range Developmental Road (two schemes - 1997); Kate Street (1997-98); Atherton Sugar Roads (1997); Emmett Creek (1997); Black Mountain Road (1997); Drive-in to the Jump-up (1997); South Liverpool Creek (1997); Helen's Hill Overpass (1997); Marks Lane (two REFs 1997 and 1998); Atherton By-pass (1997); Rex Range (1998); Glenore Pit (1998); Cooktown Developmental Road (1998); Austin Creek (1998); Wooloogin Creek (1998); Moody Creek (1998); Sheehy Rd to Portsmouth Rd (1999); Southern Access Rd (1999); Woopen Creek (1999); Tully Heavy Vehicle Bypass (1999); Flinders Highway (1999); Wills Developmental Road (1999); Bruce Highway – Behana Creek passing lanes (2000); Peninsula Developmental Road – Weipa gravel pits (2000); Cooktown Developmental Road – Lakeland to Boggy Creek (2000, 2002); Wills Developmental Road – Beams Brook (2000); El Arish to Mission Beach (2000); Cooktown Developmental Road – West of Black Mountain to Little Annan River (2000); Cooktown Developmental Road – Kings Plains Gate to Springvale Station (2000); Cooktown Developmental Road – South of Annan River; Bruce Highway – Poppi Road passing lanes (2001); Flinders Highway – Widening (2001); Cloncurry – Dajarra Road Upgrade (2001); Barkly Highway Upgrade (2001); Flinders Highway – Julia Creek (2001); Brinsmead-Kamerunga Road – Caravonica (2001); Bruce Highway – Portsmouth Road to Sheehy Road (2001); Cooktown Developmental Road – Dead Dog Gully to Boggy Creek (2002); Cooktown Developmental Road – East Normanby River to Dead Dog Gully (2002); Cooktown Developmental Road – Sackleys Hill to East Normanby River (2002); Cooktown Developmental Road – Scrubby Creek to Sackleys Hill (2002); Cooktown Developmental Road – Shiptons Flat Turn-off to Scrubby Creek (2002); Bruce Highway – Moresby Passing Lanes (2 schemes) (2003); Bruce Highway – Sheehy to Foster (2002); Brinsmead-Kamerunga Road – Smithfield (2003); Mulgrave River Bridge duplication (2006).  
[Client: Department of Main Roads]
- Southern Cairns Integrated Land Use and Transport Study (1999). Provision of environmental inputs to major transport and land use study for Maunsell McIntyre.  
[Client: Queensland Transport]
- Peninsula Developmental Road economic strategy (1999 – in association with Flanagan Consulting Group). Advice on environmental constraints and opportunities for the upgrading of the Peninsula Developmental Road.  
[Client: Department of Main Roads]
- *Vision Airlie* implementation (1997). Review of engineering and natural resource data, preparation of initial project appraisal report, initial advice statement and draft Terms of Reference for an Impact Assessment Statement, and planning for on-going implementation of a major component of the Whitsunday Tourism Strategy.  
[Client: Whitsunday Tourism Strategy Pty Ltd]
- Licuala Nature Resort - Cape Tribulation (1997). Preparation of Addendum to major Environmental Impact Statement for resort at Cape Tribulation and on-going project management.  
[Client: Navicio Pty Limited]
- Palmtops Resort (1997-99). Review of Environmental Impact Statement for construction of ecotourism facility in a remnant palm forest.  
[Client: Cairns City Council]
- Jet A1 Fuel Pipeline (in association with Holden Project Management, 1995). Provision of environmental advice for route planning associated with a proposed pipeline from the Cairns seaport to airport.  
[Client: Petro Pipelines Pty Ltd]
- Lae City Roads (in association with Ove Arup Pacific, 1995). Part of a multidisciplinary project team with responsibility for identification of environmental values and preparation of environmental management guidelines for the construction phase.  
[Client: PNG Department of Works]

**(a) Impact Assessment of Transport and Other Infrastructure (Contd)**

Raptis Property Development (1994). Provision of ecological and environmental engineering advice for a proposed residential and resort development at White Rock. Tasks included ecological constraints mapping and advice on approvals.

[Client: Delfin Property Group Limited]

- Wyvuri Swamp Preliminary Ecological Appraisal (in association with Blurton Russell & Associates, 1994). Responsible for ecological inputs into preliminary ecological assessment of agricultural land development in a tropical wetland. [Client: G.L. & M.A. Short]
- Cattana Property sand extraction proposal (in association with Blurton Russell & Associates, 1993). Responsible for the preparation of a preliminary ecological assessment, inputs into an Environmental Impact Statement, and initial site development guidelines for a proposal to extract sand in the vicinity of a palm swamp in the Barron River delta. [Client: Mulgrave Shire Council]
- Green Island Redevelopment (1993). Responsible for preparation of an environmental assessment of a proposed pool on a coral cay within the Great Barrier Reef Marine Park. [Client: Daikyo Development Pty Ltd]
- Mt Molloy to Port Douglas Preliminary Impact Assessment (1992-93). Responsible for coordination of specialist consultants, various aspects of study management, research and documentation of natural resources, recreation and tourism, and aspects of impact assessment and environmental management for a 132 kV transmission line project. [Client: Far North Queensland Electricity Board]
- Turkinje to Mt Molloy Impact Assessment Study Report (1992-93). Data collation for and technical editing of a preliminary impact assessment prepared by FNQEB for a 132 kV transmission line project, preparation of guidelines for surveying contract and performing environmental induction sessions for surveyors. [Client: Far North Queensland Electricity Board]
- Bulguru Swamp Initial Advice Statement (1992). Responsible for consolidating agency responses to guidelines for an Impact Assessment Study of a proposal to undertake drainage works adjacent to an Environmental Park. Also prepared detailed submission for one agency. [Client: Water Resources Commission and Johnstone Shire Council]
- Cairns Port Authority – Barron River Airport Bend Interim Protection Works (in association with Connell Wagner, 1992). Preparation of Initial Advice Statement for proposed development works involving bank stabilisation. [Client: Cairns Port Authority]
- Cairns Port Authority Environmental Projects (1992). Commissioned by CPA to undertake technical audits of environmental reports, prepare text terms of reference and evaluate submission for a range of projects including dredge spoil disposal and monitoring program, CPA representative on GBRMPA's Technical Advisory Committee, marina site selection study, and off-site emergency planning. [Client: Cairns Port Authority]
- Cairns Esplanade Widening (1991). Responsible for preparation of parts of scoping study, addressing issues and proposing draft terms of reference for future impact assessment study. [Client: Cairns City Council]
- Cairns Harbour Dredging Phase 1 (1990-91). Responsible for preparation of a study into alternatives to sea disposal of dredge spoil. Work involved co-ordination of engineering, environmental and statutory planning input and preparation of final report and monitoring recommendations. Associated activities included membership of Technical Advisory Committee set up by DASETT to overview dredging and its associated monitoring program and preparation of various public information reports for general distribution. [Client: Cairns Port Authority]
- Cairns Harbour Dredging Phase 2 (1992). Responsible for study management into alternatives to sea dumping for dredge spoil. Work included site evaluation, assessment of disposal options and interpretation of planning requirements. [Client: Cairns Port Authority]
- Cairns Harbour Dredging Phase 3 (1992). Responsible for review of monitoring program associated with sea dumping of dredge spoil. [Client: Cairns Port Authority]

**(b) Heritage Interpretation & Tourism**

Responsible for various tasks associated with the interpretation of heritage values. Work included building teams of appropriate experts, technical project management, identification of biodiversity and landform values, client liaison and reporting. On some projects work involved development of detailed technical and interpretive briefs for others to implement. Key examples are:

- Cape York Peninsula and Torres Strait Tourism Action Plan (in association with Kleinhardt Business Advisers) (2005/06). Provision of advice on heritage and nature-based tourism for Cape York Peninsula and Torres Strait. Work involves assessment of natural and cultural resources and themes, audit of existing tourism products and infrastructure, and development of an Action Plan for implementing recommended improvements.  
[Client: Tourism Queensland]
- Queensland Heritage Trails Network – Information & Communication Technology Project (2002). Work includes project management and content management for an Information & Communication Technology project to explore touch screen and web-based access for Heritage Tourism promotion and interpretation.  
[Client: Cairns Region Economic Development Corporation]
- Queensland Heritage Trails Network – Palmerston Canopy Boardwalk Management (2004). Work includes assisting Steering Committee in preparation of briefs, selection of principal consultant, preparation of Initial Advice Statement and EPBC Act referral, development of Terms of Reference for Environmental Impact Statement, review of reports and other management tasks.  
[Client: Johnstone Shire Council]
- Queensland Heritage Trails Network – Heritage Tourism Linkages (2001). Work included preparation of integrated tourism and interpretation strategy for all natural and cultural heritage sites in the general Atherton Tablelands area. In association with Bill Carter + Associates, Environment Science & Services, Gordon Grimwade & Associates, and Kleinhardt – FGI.  
[Client: Arts Queensland]
- Queensland Heritage Trails Network – Detailed Terms of Reference (2001). Work included preparation of detailed briefs for feasibility and master planning studies for several Far North Queensland sites in the Queensland Heritage Trails Network. Sites included the Quinkan Interpretive Centre (Laura), Cardwell Telegraph Station and Tully Visitor Centre, and Cairns Gateway.  
[Client: Department of State Development]
- Queensland Heritage Trails Network – Detailed Interpretation Briefs (2001). Work included preparation of detailed briefs for interpretation of natural and cultural values of key QHTN sites. Sites included Cardwell Telegraph Station and Tully Visitor Centre. In association with Bill Carter + Associates, Environment Science & Services, and Gordon Grimwade & Associates.  
[Client: Cardwell Shire Council]
- Queensland Heritage Trails Network – Detailed Interpretation Briefs (2001). Work included preparation of detailed briefs for interpretation of natural and cultural values of key QHTN sites. Sites included Laura, Hallorans Hill, Malanda, Ravenshoe and Chillagoe. In association with Bill Carter + Associates, Environment Science & Services, and Gordon Grimwade & Associates.  
[Client: Arts Queensland]
- Queensland Heritage Trails Network – Interpretive Framework (2001). Work included identification of natural and cultural heritage values of the region and recommendations for an interpretive framework for Far North Queensland projects in the Queensland Heritage Trails Network. In association with Bill Carter + Associates, Environment Science & Services, and Gordon Grimwade & Associates. [Client: Far North Queensland Heritage Trails Network]

**(c) Ecotourism Development and Recreation Planning**

- Ella Bay Integrated Resort (current). Development of Access Road Strategy, including preparation of multi-criteria analysis of available options and development of environmental engineering and road ecology solutions for the access road to the major integrated resort at Ella Bay, including preparation of an application for a WTMA permit.  
[Client: Ella Bay Properties]
- The Horizon Resort, Mission Beach (2006/07 in association with Flanagan Consulting Group). Environmental planning, constraints and opportunities analysis and inputs into overall concept development of the partial redevelopment of a major resort at Mission Beach.  
[Client: 1680 The Horizon]
- Plantation Village Resort (2000 to 2002). Management and environmental planning inputs to proposal to redevelop an existing resort at Bramston Beach. [Client: Plantation Resort Pty Ltd]
- Komodo National Park Visitor Strategy (2001). Preparation of carrying capacity analysis, market assessment, marketing strategy, marketing budget, an assessment of environmental impacts, and recommendations for management regime for Komodo National Park (Indonesia). In association with Bill Carter + Associates, Environment Science & Services, and Livingston Tourism Marketing. [Client: International Finance Corporation (World Bank)]
- Fitzroy Island Recreation Plan. (2000). Preparation of report in support of recreation permit for undertaking marine activities in a Marine Park. [Client: Raging Thunder]
- Whitsunday Ecotourism Strategy (1999 in association with Environment Science & Services). Contributor on natural resource issues and ecotourism.  
[Client: Whitsunday Tourism Strategy Pty Ltd]
- Ecotourism Rapid Assessment Model (1998). Fieldwork, literature research and analysis of 15 ecotourism establishments throughout central and northern Queensland assessing ecotourism approaches and market situation.[Client: Queensland Tourist and Travel Corporation]
- Review of Lake Belmore Recreation Plan (1998). Peer review of recreation plan for man-made lake in the Gulf Savannah near Croydon. [Client: Croydon Shire Council]
- Bramston Beach Resort (1996). Preparation of *Notice of Intention* for Foreign Investment Review Board approval of a major upgrade of the Bramston Beach Resort.  
[Client: Aqua Paradise Pty Ltd]
- Bramston Beach Golf Course (1996). Preparation of a *Notice of Intention* for Foreign Investment Review Board approval of a major resort golf course at Bramston Beach.  
[Client: Wing Craft Pty Ltd]
- Licuala Nature Resort - Cape Tribulation (1996). Preparation of major Environmental Impact Statement for resort at Cape Tribulation. [Client: Navicio Pty Limited]
- White Cliffs Motel (now Thala Beach Lodge) (1995). Preparation of a Environmental Impact Study Report and *Environmental Authority* for a proposed 100 room resort project north of Cairns. [Client: Robert Prettejohn]
- Tourism Projects (1995). Provision of advice on site selection and constraints analysis for a range of theme-park style tourism proposals in the Cairns area. [Client: Urban Bungee]
- Royal Palms Golf Course (1995). Preparation of Environmental Impact Statement for 140 ha redevelopment at Smithfield. Work included coordination of ecological and archaeological studies, and integration of geotechnical and engineering investigations into an EIS and Environmental Management Plan. [Client: Daikyo Development Pty Ltd]
- Environmental Management of Nature-based Adventure Tourism (1995). In-house assistance to leading rafting and adventure tourism operator. Tasks include assistance with tour planning, negotiations with permit agencies, review of draft planning documents prepared by management agencies and preparation of submissions for agencies studies.  
[Client: Raging Thunder]

**(c) Ecotourism Development and Recreation Planning (Contd)**

- Ella Bay Resort Site Planning (1994-95). Provision of ecological and environmental engineering advice for a proposed resort at Ella Bay. Tasks included ecological constraints mapping, advice on approvals, and negotiations with the Department of Environment and Heritage regarding a Voluntary Conservation Agreement and the completion of an EIS.  
[Client: Ella Bay Resort Pty Ltd]
- Navicio Tourist Facility - Planning Study and Impact Appraisal Stage 2 (1994). Ecological assessment and report on site development constraints of a number of properties north of the Daintree river.  
[Client: Navicio Pty Ltd]
- Navicio Tourist Facility - Planning Study and Impact Appraisal (1993). Responsible for management, analysis and reporting of ecological aspects of a proposed tourist facility at Cape Tribulation.  
[Client: Navicio Pty Ltd]

**(d) Biodiversity Conservation, Natural Resource Management and Strategic Planning**

- Kuranda Range Road Upgrade – Offsets Strategy (2006). Development of strategy for dealing with environmental offsets as part of a mitigation strategy to address impacts on the World Heritage Area of urbanisation arising from a regional transport upgrade. Part of a response to an information request from the Department of the Environment and Heritage.  
[Client: Department of Main Roads]
- Myola Planning Study (2005/06 – in association with Buckley Vann). Preparation of environmental planning advice on biodiversity opportunities and constraints for the development of Myola. Work includes pre of Environmental Analysis Report identifying biodiversity opportunities and constraints, assistance with the preparation of codes and other development control tools. [Client: Department of Local Government, Planning, Sport & Recreation]
- Northern Region Road System Manager Project (2004 to date). Assistance with development of RSM and Road Corridor Environmental Assessment projects for Department of Main Roads' Northern Region including liaison with DMR's RS&E Department and regional officers.  
[Client: Department of Main Roads]
- Environmental Research Projects (2004 to date). Management of Collaborative Research Agreement between Department of Main Roads and the Rainforest CRC including preparation of briefs, review of progress, and liaison with DMR project managers.  
[Client: Department of Main Roads]
- Peninsula District Fire Management Plan (2004 to date). Preparation of Fire Management Plan for Department of Main Roads' Cairns District including liaison with Queensland Fire and Rescue Service, Queensland Parks and Wildlife Service, and Department of Main Roads construction and maintenance staff.  
[Client: Department of Main Roads]
- Review of Tropical Savanna Natural Resource Management Plans (2003). Assistance in the development and application of a review strategy for regional natural resource management plans.  
[Client: Tropical Savannas CRC]
- Preliminary Identification of Impacts of Current Activities in the Northern Planning Area (2003 – in association with Environment Science & Services). Preparation of strategic environmental advice on management of Australia's northern coastal areas as an input to future planning.  
[Client: National Oceans Office]
- Snapshot of the Northern Planning Area (2003 – in association with Environment Science & Services). Summary of resources, key features and activities within Australia's northern coastal areas as an input to future planning.  
[Client: National Oceans Office]
- Wet Tropics Natural Resource Management Plan (2002-03). Preparation of inputs to draft plan including overview of issues, strategic management needs, and review of previous plans.  
[Client: Rainforest CRC]
- Regional Natural Resource Management Plan for the Torres Strait (2002-03). Assistance in the preliminary stages of the development of a Regional Natural Resource Management Plan, including participation in a community forum and preparation of an application for foundation funding.  
[Client: Department of Aboriginal and Torres Strait Islander Policy]

**(d) Biodiversity Conservation, Natural Resource Management and Strategic Planning (Contd)**

- Regional Natural Resource Management Plan for the Torres Strait (2002). Assistance in the preliminary stages of the development of a Regional Natural Resource Management Plan, including preparation of a background paper on governance, attendance at an initial regional forum, and preparation of an issues paper. [Client: Torres Strait Regional Authority]
- Biodiversity Values of Townsville City (2001-2002). Preparation of report on management of high conservation areas and the development of planning tools for their protection and management. [Client: Townsville City Council]
- Significant Vegetation of Magnetic Island (2001). Preparation of report on significant vegetation on Magnetic Island (biodiversity, heritage, and social values) and the development of planning tools for its protection and management. [Client: Townsville City Council]
- Trinity Inlet Sustainability Charter (2001). Commissioned by CPA to provide assistance in developing a Sustainability Charter associated with the Trinity Inlet Management Plan. Intent was to streamline inter-agency operations. [Client: Cairns Port Authority]
- Cape York Peninsula Conservation Assessments (2000-01). Review of conservation assessment of 11 properties as part of the introduction of Cape York Property Plans (CYPLUS recommendations). [Client: Environmental Protection Agency]
- Myola Feasibility Study (2000 – in association with Maunsell McIntyre). Environment team leader for project to assess feasibility of establishing urban development at Myola as part of the FNQ Regional Plan. [Client: Department of Communication and Information, Local Government, Planning and Sport]
- Implications of *Environment Protection and Biodiversity Conservation Act (Cwlth)* (2000). Review of implications of the EPBC Act for Department of Main Roads' Roads Implementation Program. [Client: Department of Main Roads]
- Thuringowa Coastal Zone Strategy (2000). Preparation of coastal zone strategy for the City as part of the IPA Town Planning Scheme. [Client: Thuringowa City Council]
- Thuringowa Biodiversity Code (2000). Preparation of Biodiversity Code for the City as part of the IPA Town Planning Scheme. [Client: Thuringowa City Council]
- FNQ Regional Plan Performance Indicators (2000). Preparation of indicators to assess the performance of the FNQ Regional Plan. [Client: Department of Communication and Information, Local Government, Planning and Sport]
- Whitsunday Hinterland and Mackay 2015 (1999-2000). Preparation of report on the Regional Environment and Natural Resources in support of the regional planning process. [Client: Department Communication, Information, Local Government and Planning]
- Multiple Use Strategic Plan for the Southern Gulf of Carpentaria (1998-99). Project manager and environmental planner for a major regional planning initiative for the Gulf of Carpentaria. [Client Department of State Development]
- Wilderness Delineation of Cape York Peninsula (1998). Joint author of report on proposed wilderness boundaries in Cape York Peninsula. [Client: Environment Australia]
- Gulf Regional Development Plan (1998). Preparation of Regional Environment Strategy Paper for a major multi-disciplinary study of the Gulf of Carpentaria. [Client: Department of Local Government and Planning]
- Review of Trinity Inlet Management Plan (1997-98). Review of 1992 Trinity Inlet Management Plan and Program, including review of technical data, resource allocation, community and agency consultation, review of management systems and review of plan. [Client: Cairns City Council]
- Cairns Esplanade Foreshore Environmental Management Plan (1997). Preparation of Environmental Management Plan for the on-going removal of mangrove seedlings from the Cairns Esplanade Foreshore. [Client: Cairns City Council]

**(d) Biodiversity Conservation, Natural Resource Management and Strategic Planning (Contd)**

- Freshwater Creek Management Plan (in association with Sinclair Knight Merz 1996-97-99). Preparation of a Management Plan for the Freshwater Creek valley including assessment of data needs, development of management systems, community consultation, and implementation. Updated (1999) to comply with the *Integrated Planning Act*.  
[Client: Cairns City Council]
- CYPLUS Stage 2 Secretariat (1996-97). Strategy planner for implementation of Stage 2.  
[Client: Department of Local Government and Planning]
- CYPLUS Stage 1 Themes and Summary (1995). Co-author and technical adviser for commission to summarise 44 Stage 1 reports into three theme reports and an overview report.  
[Client: Office of the Co-ordinator General]
- Regional Planning Advisory Committee Sustainability Analysis (in association with Environment Science and Services, 1994-95). Study manager and technical adviser for the preparation of the threshold analysis under RPAC's Regional Growth Management Framework.  
[Client: Department of Housing Local Government and Planning]
- Cairns Port Authority Environmental Projects (1994). Commissioned by CPA to provide assistance regarding the Authority's role in the Trinity Inlet Management Plan and its position on the proposed Marine Park in Trinity Inlet.  
[Client: Cairns Port Authority]
- Interim Guidelines for Floodplain Development (1994). Review of draft document aimed at the application of Ecologically Sustainable Development principles for floodplain development prepared by DPI - Water Resources, including collation of agency responses and a major re-write.  
[Client: DPI - Water Resources]
- State Planning Policy - Coastal Protection (in association with Buckley Vann, 1994). Responsible for environmental planning inputs into draft policy for use with both the *Local Government (Planning and Environment) Act* and the proposed *Coastal Protection Act*.  
[Client: Department of Environment and Heritage]
- Resource Extraction in the Wet Tropics (1993). Responsible for data collection, agency consultation, issues identification and policy formulation for management of quarries and water supplies in, or affecting, the Wet Tropics World Heritage Area.  
[Client: Wet Tropics Management Agency]
- Sugar Industry Infrastructure Package (1993). Responsible for the preparation of Initial Advice Statements for several proposed drainage and transport schemes for Russell-Mulgrave and Tully-Murray river systems.  
[Client: Water Resources Commission and Canegrowers]
- Johnstone Shire Council Environmental Audit (1992-93). Responsible for study planning and management, client liaison, research, data collection and collation, documentation and public consultation for an audit of Shire's resources as a prelude to the strategic plan review. Work included the production of over 20 GIS coverages.  
[Client: Johnstone Shire Council]
- Tully-Murray River System Strategic Plan - scoping study (in association with Ian Drummond and Associates, 1992). Responsible for research and documentation of river-based natural resources, recreation and tourism utilisation, issues identification, review of public submissions and public consultation.  
[Client: Water Resources Commission]
- Resource Assessment Commission Coastal Zone Inquiry (1992). Responsible for data collection, agency consultation, and issues identification for the Cairns Case Study component of this Inquiry.  
[Client: Resource Assessment Commission]
- Wet Tropics Tourism Strategy (1992). Researcher for National Centre for Studies in Travel and Tourism into tourist utilisation and facilities in the Wet Tropics.  
[Client: Wet Tropics Management Agency]
- Cairns Urban Rainforest Assessment (1992). Responsible for preparation of a site assessment and environmental audit of three remnant bushland areas as a prelude to a management plan.  
[Client: Cairns City Council]

**(d) Biodiversity Conservation, Natural Resource Management and Strategic Planning (Contd)**

- Herbert River System Strategic Plan - scoping study (in association with Ian Drummond and Associates, 1992). Responsible for research and documentation of river-based natural resources, recreation and tourism utilisation, issues identification, review of public submissions and public consultation. [Client: Water Resources Commission]
- Russell-Mulgrave River Systems Management Plan (in association with Connell Wagner, 1991). Responsible for research and documentation of natural resources, recreation and tourism resources, values and utilisation, identification of management issues, and participation in public consultation program. [Client: Water Resources Commission]
- Trinity Inlet Management Plan (1991). Interim Program Coordinator assisting agencies with establishment of management and approvals systems, committee terms of reference and structures, initial plan implementation, and establishment of plan secretariat. [Client: Premier's Department]

**(e) Aquaculture Planning, Impact Assessment, Licensing and Environmental Management**

Work includes preliminary site appraisals, the preparation of technical and planning reports, assistance with completing applications for approvals, and completion of Environmental Impact Statements, Environmental Management Plans and Integrated Environmental Management Systems. Key projects are:

- Hamilton Prawn Farm (current - 1999 to 2005). Project management of approvals for Stage 2 works to expand project from 130 ha to 192 ha. Includes preparation of Environmental Assessment Report, applications for Operational Works Licence, aquaculture permits, Environmental Authority, Integrated Environmental Management System, Impact Water Quality report and Annual Audit. [Client: LGP Holding Pty Ltd]
- Christmas Creek aquaculture facility (2003, in association with Maunsell Australia). Assistance with feasibility assessment of proposed aquaculture facility north of Pormpuraaw. [Client: Christmas Creek Aboriginal Corporation]
- Cape York Peninsula Aquaculture Project (current). Technical assistance in site selection and project planning for a major aquaculture facility on Cape York Peninsula [Client: York Refrigeration]
- Barramundi Waters Proposed Seawater Pipeline (1998 - 2004). Project development, approvals and agency liaison for a 10 km long pipeline to convey seawater to an inland barramundi hatchery near Innisfail. [Client: Barramundi Waters]
- Locastro Prawn Farm (2002). Preparation of initial planning advice for proposed expansion of existing prawn farm including review of existing approvals. [Client: John Locastro]
- Mourilyan Aquaculture Facility (2001-2002). Technical project management and preparation of report in support of applications for a barramundi farm on the Moresby River. Work included preparation of EPBC Act referral and Aquaculture Regulation application together with all IDAS approvals [Client: L & M Phillips]
- McCloy's Barramundi Farm (2001). Preparation of initial planning advice for proposed barramundi farm including review of existing approvals. [Client: McCloy's Property Development]
- Bringelly Prawn Farm (1998/99). Preparation of initial planning advice for proposed prawn farm. [Client: Rob Bringelly]
- Yarrabah Aboriginal Council Prawn Farm (1998). Assistance with feasibility assessment of proposed prawn farm and employment project. [Client: Yarrabah Aboriginal Council]
- Sarawak Aquaculture Project (1998). Preliminary Project Appraisal report for a major aquaculture facility near Kuching (Malaysia) – in association with Maddocks & Associates. [Client: Nationlink Group of Companies]
- Ingham Aquaculture Project (1998). Project advice report for a major prawn farm facility near Ingham. [Client: Ross Caruso]

(e) **Aquaculture Planning, Impact Assessment, Licensing and Environmental Management (Contd)**

- Prawn Farm - Abbot Bay (1997). Preparation of major Environmental Impact Statement for a 50 hectare Kuruma prawn farm adjacent to Abbot Bay. Work included co-ordination of specialist hydrodynamic modelling and marine ecology studies and all documentation including preparation of the outline of an Environmental Management Plan.  
[Client: Abbot Bay Kuruma Ltd]
- Walker Bay Pearl Farm (1996-97). Preparation of application for pearl mariculture venture south of Cooktown.  
[Client: Marrugu Aboriginal Corporation]
- Trinity Inlet Prawn Farm (1997). Preparation of strategic advice for possible expansion of existing farm on Trinity Inlet.  
[Client: D'Arcy Group]
- Aqua United Prawn Farm (1995-96). Provision of environmental planning advice and liaison with Government agencies for permits to construct a 100 hectare prawn farm adjacent to the Hinchinbrook Channel.  
[Client: Aqua United (Cardwell) Pty Ltd]
- Thomatis Creek Prawn Farm (1994-95). Preparation of a multi-disciplinary preliminary site appraisal to evaluate the suitability of a land parcel for a 28 hectare prawn farm and preparation of an Initial Advice Statement in support of an application for Terms of Reference for an Environmental Impact Statement. Work extended to preparation of Environmental Impact Statement and Environmental Management Plan.  
[Client: Pacific Blue Technologies Pty Ltd]
- Maria Creek Prawn Farm (1994). Preparation of an Initial Advice Statement and preliminary site appraisal in support of an application to develop a 30 hectare prawn farm.  
[Client: Melivan Pty Ltd]

(f) **Environmental Management and Environmental Engineering**

Environmental management and environmental engineering services are usually provided as an adjunct to impact assessment or biodiversity conservation work. Tasks include working with designers (usually engineers) to minimise impacts through sound environmental design. Key examples are:

- Miriwinni Ecotourism Resort – Site Based Management Plan (2006). Preparation of an Site Based Management Plan sewage disposal associated with an ecotourism resort adjacent to the Wet Tropics World Heritage Area.  
[Client: Serp Pty Ltd]
- Freycinet on Collins Development (2005). Preparation of a dewatering plan for a commercial development involving deep basement excavation.  
[Client: R B Lowden Pty Ltd]
- NQEA Slipway Bio-Remediation (2005). Provision of technical advice on the remediation of tributyltin from the NQEA slipway.  
[Client: NQEA Australia Pty Ltd]
- Seafresh Seafood Factory (2005). Preparation of an Site Based Management Plan for a major innovative seafood factory in the Portsmith industrial area. [Client: R B Lowden Pty Ltd]
- Major residence at Red Hill (2005). Preparation of Environmental Management Plan for siteworks for a major house construction at Red Hill, Cairns. [Client: Australian Estates Pty Ltd]
- Cape Tribulation Road (Mirror Bend) (2005). Provision of environmental engineering advice on mitigation strategies for roadworks in the Wet Tropics World Heritage Area.  
[Client: Wet Tropics Management Authority]
- Concrete Pipe Plant, Cairns (2003). Preparation of an Environmental Audit and Monitoring Program for stormwater drainage and other site operations. [Client: Rocla Pipe Products]
- Proposed Subdivision – Lake Tinaroo (2002 to 2006). Preparation of an application for Reconfiguring a Lot (sewerage and stormwater drainage) for a residential subdivision ad to Lake Tinaroo.  
[Client: W Cole]
- Seafresh Seafood Factory (2002). Preparation of an application for an *Environmental Authority* for a major innovative seafood factory in the Portsmith industrial area.  
[Client: R B Lowden Pty Ltd]
- Edgewater Tinaroo Site Based Management Plan (2002). Preparation of Site Based Management Plan in support of an application for an *Environmental Authority* for a Sewage Treatment Plant adjacent to Lake Tinaroo.  
[Client: Edgewater Tinaroo Pty Ltd]

**(f) Environmental Management and Environmental Engineering (Contd)**

- Stoney Creek Drainage Management Plan (2000). Provision of environmental advice for creek management in rapidly developing area south of Cairns.  
[Client: Flanagan Consulting Group]
- Tinaroo Terraces Implementation and Management Plan – Audit of Compliance (1998). Review and audit of Implementation and Management Plan for the redevelopment of a block adjacent to Lake Tinaroo (Tinaroo Terraces).  
[Client: Bruce and Associates]
- Yungaburra Subdivision Implementation and Management Plan (1998). Preparation of a water quality report and Implementation and Management Plan for the development of a block of former agricultural land adjacent to Lake Tinaroo.  
[Client: DJ and JE Brown]
- Blackfellows Creek Drainage Management Plan (1997). Preparation of report on ecological issues related to proposed structural flood mitigation works at Blackfellows Creek.  
[Client: Cairns City Council]
- The Boathouse Implementation and Management Plan (1997). Preparation of a water quality report and Implementation and Management Plan for the redevelopment of a block adjacent to Lake Tinaroo.  
[Client: Bruce and Associates]
- Master Environmental Management Plan (1997). Preparation of a planning model for integrating environmental management into Department of Main Roads projects from concept through planning, construction, and operation.  
[Client: Department of Main Roads]
- Edmonton Railway Relocation Environmental Management Plan (1997). Preparation of Contractor's Environmental Management Plan for civil engineering works.  
[Client: Civil & Marine Engineers]
- Department of Main Roads Environmental Management Plans –various (1997 to date). Environmental engineering input into a range of EMP (Planning) documents for various projects in North Queensland, including: Hervey's Range Developmental Road (1997); Helen's Hill (1997); Atherton Sugar Roads (1997); Glenore Pit (1998); Austin Creek (1998); Wooloogin Creek (1998); Moody Creek (1998); Welcome Pit (1999); Portsmith Road (1999); Woopen Creek (1999); Tully Heavy Vehicle Bypass (1999); Bruce Highway – Behana Creek overtaking lanes (2000); Rusty Creek culvert upgrade (2000); Cooktown Developmental Road – Lakeland to Boggy Creek (2000); Cooktown Developmental Road – West of Black Mountain to Little Annan River (2000); Cooktown Developmental Road – Kings Plains Gate to Springvale Station (2000); Cooktown Developmental Road – South of Annan River (2000); Bruce Highway – Poppi Road passing lanes (2003); Flinders Highway – Widening (2001); Cloncurry – Dajarra Road Upgrade (2001); Barkly Highway Upgrade (2001); Flinders Highway – Julia Creek (2001); Brinsmead-Kamerunga Road – Caravonica (2000); Cooktown Developmental Road – Boggy Creek to Lakeland (2002); Tully – Mission Beach (2001); Cooktown Developmental Road – Dead Dog Gully to Boggy Creek (2002); Cooktown Developmental Road – East Normanby River to Dead Dog Gully (2002); Cooktown Developmental Road – Sackleys Hill to East Normanby River (2002); Cooktown Developmental Road – Scrubby Creek to Sackleys Hill (2002); Cooktown Developmental Road – Shiptons Flat Turn-off to Scrubby Creek (2002); Bruce Highway – Moresby Passing Lanes (2 schemes) (2003).  
[Client: Department of Main Roads]
- Mushroom Composting Facility (1997). Preparation of an application for *Environmental Authority* for a facility to make compost for mushroom manufacture.  
[Client: Marlin Mushrooms Pty Ltd]
- Edmonton duplication (1996). Preparation of brief for Master Environmental Management Plan for proposed National Highway upgrading works south of Cairns.  
[Client: Queensland Transport]
- Wistaria Street Environmental Management Plan (1994-95). Responsible for preparation of a preliminary Environmental Management Plan for integrating environmental criteria into conceptual design for roadworks within a wetlands area. Work included providing environmental inductions to construction staff, periodic inspections and reporting.  
[Client: Mulgrave Shire Council]

**(f) Environmental Management and Environmental Engineering (Contd)**

- Strombus Avenue Lake Project (in association with Bruce & Associates, 1994-95). Preparation of an Environmental Impact Statement and Environmental Management Plan for the construction of a lake within a residential land development. [Client: Emberg Pty Ltd]
- Tully-Millstream Hydro-electric Scheme (1991). Responsible for preparation and review of documentation for field investigations, design and construction for major project in World Heritage area. Areas of involvement included determining water quality standards, developing site code of environmental practice, preparation of waste management brief, and development of environmental clearance procedures.  
[Client: Queensland Electricity Commission]

**(g) Management of Multidisciplinary Studies**

Responsible for management of multidisciplinary research, planning and feasibility studies involving preparation of briefs for specialist subconsultants, co-ordination of findings, integration of all technical inputs, creation of "soft" engineering solutions and compilation of final reports. Key projects include (note that some of these have already been listed as work included both technical project management and impact assessment work):

- Kuranda Range Upgrade Concept Phase (2002 to date). Project Environmental Manager providing advice on implementation needs and strategies for the possible upgrading of the Kuranda Range Road. Work includes management of specialist consultants across a range of fields. [Client: Department of Main Roads]
- Proposed Replacement of the Kareeya to Innisfail High Voltage Transmission Line (2002). Review of draft Environmental Impact Statement.  
[Client: Johnstone Shire Council, Cardwell Shire Council, Power to the People Action Group]
- Kuranda Range Impact Assessment Study (1999-2000). Deputy (acting) study manager responsible for production of Impact Assessment Study for the upgrading of the Kuranda Range Road, including multi-criteria analysis and development of the preferred alternative. [Client: Department of Main Roads]
- Proposed Tablelands Sugar Mill (1995-96). Preparation of an Environmental Impact Statement on a proposal to expand the sugar industry on the Atherton Tablelands, including the provision of a new mill. [Client: Sugar North Limited]
- Navicio Tourist Facility - Planning Study and Impact Appraisal Stage 1 (1993-94) and Stage 2 (1998). Study manager for a major multidisciplinary study into a proposed tourist facility at Cape Tribulation. Responsible for preparation of briefs and study management in support of a town planning application and associated tasks including a critical review of the *Daintree Planning Package* and the draft Town Planning Scheme. [Client: Navicio Pty Ltd]
- False Cape Project - IAS (1994-95). Study management and preparation of *Initial Advice Statement* for a proposed 150 berth marina associated with the False Cape Project in Trinity Bay. Tasks include negotiations with the Office of the Co-ordinator General, the Foreign Investment Review Board and the Commonwealth's Environment Protection Agency for a major environmental impact assessment. Project abandoned April 1995.  
[Client: False Cape Properties Pty Ltd]
- Thomatis Creek Prawn Farm (1994-95). Management and ecological aspects of an Environmental Impact Statement and preliminary design study in support of an application to develop a 28 hectare prawn farm, including preparation of Environmental Impact Statement and all applications, together with on-going environmental management.  
[Client: Pacific Blue Technologies Pty Ltd]
- Cairns Base Hospital Relocation (1991). Study manager for preliminary site audit and impact assessment of a proposed relocation of the Cairns Base Hospital to an urban bushland site. Activities involved design and management of research program and co-ordination of environmental, statutory planning and engineering inputs. [Client: Cairns Base Hospital]
- Cairns Central Swamp Environmental Assessment and Development Control Plan (1990-91). Study manager for research into environmental planning and engineering aspects of 80 hectare urban bushland. Activities included coordination of environmental and planning subconsultants and in-house hydraulic and traffic experts for both stages of the project.  
[Client: Cairns City Council and Department of Lands]

**(g) Management of Multidisciplinary Studies (Contd)**

- Woree Development Strategy (1990-91). Responsible for management of engineering and environmental study to formulate a development strategy for future industrial land.  
[Client: Mulgrave Shire Council]
- Daintree-Helenvale Road Strategy (1990). Responsible for management and all technical aspects of a study into route planning, funding strategies and capital works for 113 km length of road partly through the Wet Tropics World Heritage Area. Project included research into alternative strategies for crossing the Bloomfield River.  
[Client: Douglas Shire Council, Cook Shire Council and Main Roads Department]
- Cape York Peninsula Resource Analysis (1989). Responsible for research, data collection and analysis, technical editing and report for a major multidisciplinary resource planning study.  
[Client: Premier's Department]
- Brinsmead-Kamerunga Road Planning (1988 to 1991). Responsible for management and technical input for planning report on development strategy for future six lane urban arterial road, including co-ordination of town planning, traffic engineering and construction staging investigations.  
[Client: Main Roads Department]
- Cannon's Farm Residential Development (1989 to 1991). Responsible for management of environmental planning, geotechnical and hydraulic engineering, architectural master planning and economic studies for the preparation of report in support of major rezoning application for a 250 ha residential and commercial development (1800 lots).  
[Client: Daikyo (North Queensland)]
- Trinity Point Research Project (1986-1989). Responsible for management of a \$2 million specialist study involving 25 disciplines undertaking environmental, planning, dredging, coastal and geotechnical engineering, infrastructure, traffic and economic studies, public consultation matters and preparation of submission to Government. Estimated project cost \$700 million.  
[Client: Trinity Point Hotel Pty Ltd]

**(h) Community Engagement**

Responsible for aspects of the community engagement component of many major planning investigations. Tasks included preparation of public information material, attending and analysing outcomes of public meetings and community workshops, and other associated work for the following projects. More recent work involves design of interactive multi-media solutions for consultation aids (see [www.kurandarangeupgrade.com](http://www.kurandarangeupgrade.com) as an example of web page and CD-ROM applications):

- Western Brisbane Transport Network Investigation (current). Development of interactive strategy for community information program including touchscreens, interactive CDROMs and a web site.  
[Client: ConnectWest Consortium]
- Kuranda Range Road Upgrade (2005 to date). Ongoing assistance with community consultation and issues management including attendance and assistance at community and industry information sessions and maintenance of project web site [www.kurandarangeupgrade.com](http://www.kurandarangeupgrade.com).  
[Client: Department of Main Roads]
- Kuranda Range Road Upgrade (2004-2005). Preparation of content and design of community information program including a touchscreen system, an interactive CDROM and a web site. Attendance and assistance at community and industry information sessions. This project won a Certificate of Merit in the *Media* category of the Planning Institute of Australia (Queensland Division) awards, 2006.  
[Client: Department of Main Roads]
- Cairns Harbour Dredging Long Term Dredge Spoil Disposal Strategy (2004 to date). Assistance with formation and operation of Technical Advisory and Consultative Committee to advise the Cairns Port Authority and Great Barrier Reef Marine Park Authority on stakeholder issues.  
[Client: Cairns Port Authority]

**(h) Community Engagement (Contd)**

- Regional Natural Resource Management Plan for the Torres Strait (2002 - 2003). Assistance in the preliminary stages of the development of a Regional Natural Resource Management Plan, including preparation of a background paper on governance, attendance at an initial regional forum, and preparation of an issues paper.  
[Client: Torres Strait Regional Authority and the Department of Aboriginal and Torres Strait Islander Policy]
- Queensland Heritage Trails Network – Heritage Tourism Linkages (2001). Industry and agency consultation relating to the integration of tourism and heritage tourism in the general Atherton Tablelands area. [Client: Arts Queensland]
- Myola Feasibility Study (2000 – in association with Maunsell McIntyre). Participation in three community meetings associated with a project to assess feasibility of establishing urban development at Myola as part of the FNQ Regional Plan.  
[Client: Department of Communication and Information, Local Government, Planning and Sport]
- Kuranda Range Impact Assessment Study. (1999-2000). Planning and participation in Community Reference Group and community workshops and public meetings on all aspects of the Kuranda Range Impact Assessment Study. [Client: Department of Main Roads]
- Southern Cairns Integrated Land Use and Transport Study (1999). Participation in community workshops and public meetings on evaluation of environmental aspects of the strategy. [Client: Queensland Transport]
- Multiple Use Strategic Plan (1998-99). Planning and execution of agency, public and Aboriginal workshops associated with the Multiple Use Strategic Plan for the Southern Gulf of Carpentaria. Management of and support for the Community Consultative Group.  
[Client: Department of State Development]
- Review of Trinity Inlet Management Plan (1997-99). Planning and execution of agency, public and Aboriginal workshops associated with the review of the TIMPlan.  
[Client: Cairns City Council]
- Gulf Regional Development Plan (1998). Numerous public meetings associated with the preparation of the Regional Environment Strategy Paper.  
[Client: Department of Local Government and Planning]
- Modification of Trinity Inlet Management Plan (1997). Preparation of public information report on the proposed amendment of the Trinity Inlet Management Plan to allow for the use of Environmental Management Plans as a management tool. [Client: Cairns Port Authority]
- Freshwater Creek Management Plan (1997). Preparation of brochure explaining Freshwater Creek Management plan. [Client: Cairns City Council]
- Kuranda Range Upgrade (1997). Preparation of position paper explaining the need to upgrade the Kuranda Range Road in the context of the regionally significant conservation values of the crossing. [Client: Department of Main Roads]
- CYPLUS Stage 2 (1996-97). Working group workshops and community presentations for the Cape York Regional Advisory Group. [Client: Department of Local Government and Planning]
- Freshwater Creek Management Plan (1996). Community workshop and workshop report to ascertain community views and priorities for Freshwater Creek Management plan.  
[Client: Cairns City Council]
- CYPLUS Stage 1 Summaries (1995). Working group workshop on Stage 1 reports (issues, information gaps, and Stage 2 needs). [Client: Office of the Co-ordinator General]
- Navicio Tourist Facility (1993). Preparation of display and undertaking of community consultation two information sessions to explain study procedure and project details of a proposed project at Cape Tribulation. [Client: Navicio Pty Ltd]
- Fitzroy Island and Reef Management Issues Analysis (1992). Analysis of public comments.  
[Client: Department of Environment and Heritage]
- Tully-Murray System, and Herbert Rivers System Studies (1992). Advertisements, discussion paper, workshop and workshop report, analysis of public comments.  
[Client: Water Resources Commission]

**(h) Community Engagement (Contd)**

- Johnstone Shire Environmental Audit (1992). Newsletters, media releases, workshops and workshop report, analysis of public comments. [Client: Johnstone Shire Council]
- Johnstone River ICM program (1992). Workshop and workshop report, analysis of public comments on management needs and options. [Client: Johnstone River Catchment Co-ordinating Committee]
- Russell-Mulgrave River Systems Management Plan (1991). Workshop and workshop report on management needs and options. [Client: Water Resources Commission]
- Cairns Central Swamp (1990-91). Workshop on values and management options. [Client: Cairns City Council and Department of Lands]
- Cairns Harbour Dredging (1990-91). Preparation of two public documents and video script. [Client: Cairns Port Authority]
- Barron River Delta Flood Study (1990). Preparation of consultants' guide and public information brochure. [Client: Mulgrave Shire Council]
- Trinity Point Project (1988-89). Preparation of numerous newspaper articles, media releases, public documents, video script and other items. [Client: Trinity Point Hotel]

**(i) Roads and Highways - various**

Responsible for management and/or design of a number of road, highway and traffic management projects while working for Connell Wagner. Projects include:

- Project Manager and/or design engineer (1983-91) for completion of remote location rural roads (4), national highways (2), state highways (3), secondary roads (13), urban arterials (1). Tasks included management and co-ordination, flooding and drainage studies, planning reports, pavement design, construction staging, basic cost estimating and documentation.
- Three months full time secondment to Main Roads Department (Cairns - 1983) as design engineer for office and field work for route selection, pavement design, drainage, documentation and estimates. Eleven schemes in total.
- Traffic generation assessments (1985-89) for major and minor development proposals and traffic management schemes including road layouts and intersections.

**(j) General Civil and Structural Engineering**

Responsible for management and/or design of a wide range of general civil and structural engineering projects. Details include:

- Design engineer for various civil and structural engineering projects (1976-78) including concrete gravity dam and pipeline, sewerage treatment plant, sewerage reticulation, residential subdivisions, industrial pavements, steel framed warehouses and miscellaneous structures.
- Resident engineer (1978-79) responsible for detailed supervision and contract administration of Cooloolabin Dam project, consisting of a concrete gravity dam, intake tower, steel pipeline, tunnels, earth saddle dams, access roads and clearing.
- Design engineer (1980) responsible for water supply and irrigation pipelines and minor structures for major township (Jubail 100,000 population, Saudi Arabia). Tasks included pipeline design, solution of numerous infrastructure conflicts and maintenance of project interface system for co-ordination of design work being undertaken by other specialists and consultants.
- Structural engineer (1981) for various aspects of off-shore (North Sea) oil platforms, including structural design, ship impact analysis and wave slamming study.

**(j) General Civil and Structural Engineering (Contd)**

- Design engineer (1981-83) for various civil and structural projects involving industrial pavements, subdivisions, haul roads, drainage works, power station civil works, materials handling, pollution control and minor structures.

**(k) Multimedia Community Engagement Tools**

Through associated company Intelligent Technology Network Pty Ltd and in association with technical partner uTouch Technologies Pty Ltd, David Rivett has designed a number of multi-media applications for community engagement, tourism and other uses. Details include:

- Western Brisbane Transport Network Investigation (current). Design and development of interactive strategy for community information program including touchscreens, interactive CD-ROMs and a web site. Work included system design (storyboards) and features.  
[Client: ConnectWest Consortium]
- Financial Planning Application (current). Preparation of content and design of commercial software for use in financial planning consultation. [Client: Gowdie Financial Planning]
- Kuranda Range Road Upgrade (2004-2005). Preparation of content and design of community information program including a touchscreen system, an interactive CD-ROM and a web site. Attendance and assistance at community and industry information sessions. This project won a Certificate of Merit in the *Media* category of the Planning Institute of Australia (Queensland Division) awards, 2006 (see below). [Client: Department of Main Roads]
- Townsville Living Heritage Project (2004). concept design and technical assistance in the preparation of an interactive touchscreen system for the Townsville Heritage Museum including *Timeline*, *Photo Library*, *Townsville Yarns* and *The Mayors* applications.  
[Client: Townsville City Council]
- Touchscreen Information System (2001 to 2004). Preparation of content and design of tourism touchscreen system including a network of up to 13 touchscreen kiosks throughout Far North Queensland. Project had support of Far North Queensland, Regional Organisation of Councils, Tourism Tropical North Queensland, Department of State Development and other partners.  
[Client: Nil – Entrepreneurial Project in partnership with FNQ Regional Organisation of Councils]

 <p><b>MEDIA (Public)</b></p> <p><b>MERIT</b></p> <p>Kuranda Range Upgrade: Multimedia Solutions for Enhancing Community Awareness of Environmental Planning Issues</p> <p>ENVIRONMENT NORTH PTY LTD, DEPARTMENT OF MAIN ROADS</p> <p>This project provides an outstanding package of multimedia solutions to achieving engagement with the community on complex environmental issues. The choice of formats, degree of detail, accessibility and the ability to link information from issue to issue are features of the project.</p>	<p>2006 Planning Institute of Australia Awards – Merit award in <i>Media</i> category.</p>
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30 July 2007