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Nationality: Australian and New Zealander (dual citizenship)

Qualifications: Bachelor of Arts, Massey University, New Zealand, 1972.
Post Graduate Diploma in Town and Regional Planning,
University of Melbourne, 1978.
Certified Environmental Practitioner (Registration No. 49).
Certified Practising Planner (Registration No. 1591).
Certificate OHS General Induction for Construction Work in NSW.

Professional Affiliations: Member Planning Institute of Australia
Member Environment Institute of Australia and New Zealand

Recent Professional Development Courses: Effective Communication, Negotiation and Mediation
Project Management
Economics of Development
Urban Design
Climate Change

Special Areas of Expertise: Environmental planning and project management with specific expertise in the management and production of Environmental Impact Assessments, physical planning, development approvals and planning documentation. Bruce Adcock has over thirty years of planning and development experience in Australia, New Zealand, Hong Kong and the Philippines. He is a Certified Environmental Practitioner and Certified Practising Planner.

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PROFESSIONAL RECORD

- 1993 to 2011 present **Environmental Planning Pty Ltd**
(formerly Adcock and Associates)
Sole Director and Principal Consultant
- 1989-1993 **PPK Consultants Pty Ltd**
Manager Environmental Planning
- 1986-1989 **Kinhill Engineers**
Senior Planner
- 1985-1986 **Planning Workshop**
Consultant Town Planner
- 1985 **Lucas Menyhart and Associates**
Senior Consultant
- 1985 **Independent Planning Consultant**
- 1982-1984 **Hong Kong Government**
Sha Tin New Town Development Office
Contract Town Planner
- 1974-1982 **Melbourne and Metropolitan Board of Works**
Urban Strategy, Environmental Management and
Urban Management Sections of Planning Branch
Planning Officer
- 1973-1974 **Melbourne City Council**
Planning Department
Planning Officer
- 1971-1973 **British Petroleum (New Zealand) Limited**
Research and Development Department
Market Research Assistant

PROFESSIONAL EXPERIENCE

Projects for Environmental Planning Pty Ltd include:

- Statement of Environmental Effects for upgrade of Bega Public School, NSW.
- Independent environmental audit of Hitchcock Road sand project covering 75 hectares and 400,000 tonnes per annum extraction at Maroota, NSW.
- Review of Environmental Factors for upgrade of 1.8 km of The Northern Road to dual carriageways between Andrews Road and Borrowdale Way at Cranebrook, NSW.
- Review of Environmental Factors for new intersection at Jordan Springs, Cranebrook.
- Development Application and planning summary report for two storey home base and toilet block at Floraville Public School under NSW Nation Building and Jobs Plan.
- Review of Environmental Factors for major upgrade of Hurstville Boys' High School at Hurstville, NSW.
- Environmental Management Plan for extraction of 2.5 million tonnes of sand and sandstone over 30 years and site rehabilitation at Old Telegraph Road, Maroota, NSW.
- Review of Environmental Factors for Building the Education Revolution Primary Schools for the 21st Century project at Old Bar Public School, Old Bar, NSW.
- Review of Environmental Factors for installation of two demountable buildings at Halinda School, Whalan, NSW.
- Review of Environmental Factors for demolition of a dwelling at Georges River College, Hurstville, NSW.
- Reviews of 42 Environmental Impact Assessments for Commonwealth government Building the Education Revolution Primary Schools for the 21st Century program and science and language centres for NSW Nation Building and Jobs Plan in nine NSW regions.
- Statement of Environmental Effects for stage 3 and 4 upgrades of Chatswood High School, Chatswood, NSW.
- Review of Environmental Factors for major upgrade of Casino Public School, Casino.
- Review of Environmental Factors for new lift at Chatswood High School, Chatswood.
- Review of Environmental Factors for upgrade of 700 metres of Camden Valley Way adjacent to Central Hills Business Park, Gregory Hills, NSW.
- Site Compatibility Certificate for residential use of 1.6 hectares of disused Menangle Public School, Menangle, NSW.
- Site Compatibility Certificate for residential use for 0.35 hectares of former Buxton Public School, Buxton, NSW.
- Major project Environmental Assessment and Preferred Project Report for Manilla multi-purpose service hospital and health service at Manilla, NSW.
- Statement of Environmental Effects for new accesses and re-subdivision of a 7.3 hectare development site at Narellan town centre, NSW.
- Review of Environmental Factors for relocation and installation of portable classrooms at Ulladulla High School, Ulladulla, NSW.
- Review of Environmental Factors for demolition of former Conjola Creek bridge at Conjola, NSW.

- Review of Environmental Factors for upgrade of Caringbah High School at Caringbah, NSW.
- Town planning assessments for public land acquisition for flood evacuation route and Hawkesbury Valley Way highway at Mulgrave, NSW.
- Statement of Environmental Effects for upgrade of Woollahra Public School, Woollahra, NSW.
- Review of Environmental Factors for MDR building at Marsden Road Public School, Liverpool, NSW.
- Statement of Environmental Effects and Review of Environmental Factors for demountable buildings upgrade of Glenwood High School at Glenwood, NSW.
- Review of Environmental Factors for demolition of disused Menangle School at Menangle, NSW.
- Review of Environmental Factors for upgrade of Newport Public School at Newport.
- Review of Environmental Factors for upgrade of Waniora Public School at Wollongong, NSW.
- Review of Environmental Factors for rebuilding of educational facilities at Hay War Memorial High School, Hay, NSW.
- Review of Environmental Factors for upgrade of Old Bar Public School at Old Bar.
- Planning advice for kitchen manufacturing industry at Yennora, NSW.
- Development Application and Environmental Impact Statement for 3.5 million tonnes two stage sand extraction quarry over 11.8 hectares and 20 years at Maroota, NSW.
- Development Application and Statement of Environmental Effects for upgrade of Bradley Street and Old Northern Road intersection at Mulgoa, NSW.
- Development Application and Statement of Environmental Effects for widening 1.4 km of Cobbity Road at Oran Park, NSW.
- Section 96 Application to modify development consent operating conditions for waste recycling facility at Homebush Bay, NSW.
- Review of Environmental Factors for installation of a New Zealand soldier statue on Anzac Bridge, NSW.
- Statement of Environmental Effects for upgrade of Ryde Public School, Ryde, NSW.
- Review of Environmental Factors for upgrading the intersection of Spit Road and Parriwi Road, The Spit, NSW.
- Zoning investigation for public acquisition of land for Southern Freeway reservation at Sans Souci, NSW.
- Development Application and Statement of Environmental Effects for construction compound for widening Spit Bridge at The Spit, NSW.
- Statement of Environmental Effects for subdivision of a strata plan at Seaforth, NSW.
- Review of Environmental Factors for construction compound and maritime use of Pearl Bay, The Spit, NSW.
- Review of Environmental Factors for geotechnical investigation at The Spit, NSW.
- Justification paper for fishway on Tallowa Dam, NSW.

- Review of Environmental Factors for road widening within Lancer Barracks national heritage precinct, Parramatta, NSW.
- Statement of Environmental Effects for learning centre at Coffs Harbour, NSW.
- Statements of Environmental Effects for two residential subdivisions at Elderslie.
- Environmental Management Plans for staged residential subdivisions and infrastructure development in Elderslie urban release area, NSW.
- Review of Environmental Factors for 43.3 ML/day alternative riparian discharge point for Warragamba Dam at Wallacia, NSW.
- Review of Environmental Factors for 20,000 tonne material stockpile at Narellan.
- Review of Environmental Factors for upgrading 2 km of The Horsley Drive between Westlink M7 and Cowpasture Road at Horsley Park, NSW.
- Reviews of Environmental Factors for reconfiguring Anzac Bridge to eight lanes, provision of an overbridge, intelligent transport system components and associated works on eastern and western approaches, Sydney, NSW.
- Review of Environmental Factors for widening M2 Motorway at North Ryde, NSW.
- Review of Environmental Factors for provision of ramps on M2 Motorway at North Rocks, NSW.
- Development Application and Statement of Environmental Effects for Blind Kemps Creek drainage works at Erskine Park, NSW.
- Development Application and Statement of Environmental Effects for Elderslie and Spring Farm link road with Camden Bypass, NSW.
- Complying Development Certificates and Development Applications for NSW government office fit-outs at 20 locations in Sydney and regional NSW.
- Reviews of Environmental Factors for siting new portable classroom buildings at public schools at 101 locations throughout metropolitan Sydney and regional NSW.
- Review of Environmental Factors for widening Hoxton Park Road at Hoxton Park.
- Review of Environmental Factors and supplement for widening Joadja Road at Prestons, NSW.
- Statements of Environmental Effects for new pre-schools at Claymore and Briar Road primary schools, NSW.
- Development Application and Statement of Environmental Effects for 30,000 t/a hardfill materials handling facility at Mt Kuring-gai, NSW.
- Review of Environmental Factors for widening 0.5 km of Sunnyholt Road at Kings Park, NSW.
- Development Application and Statement of Environmental Effects for Elderslie urban release area drainage works, NSW.
- Development Applications, Statements of Environmental Effects and Environmental Management Plan for 1.4 km reconstruction of Lenore Lane to northern access road for Erskine Park employment area, NSW.
- Reviews of Environmental Factors for reconstruction of the intersection of The Horsley Drive and Cowpasture Road North and construction compound at Wetherill Park, NSW.

- Development Application and Statement of Environmental Effects for a new café/kiosk building at Abbotsbury Parkland, NSW.
- Review of Environmental Factors for upgrade of an overbridge on Bexley Road, Bexley North, NSW.
- Closure Plan and environmental planning advice on operations for 4.3 hectare landfill site at Burwood, NSW.
- Development Application, Statement of Environmental Effects and Review of Environmental Factors for recreational development of 48 hectare Abbotsbury Parkland, NSW.
- Review of Environmental Factors for installation of safety screens on an overbridge on the Cumberland Highway, NSW.
- Review of Environmental Factors for weekend and public holiday southbound Clearway along Spit Road, Mosman, NSW.
- Review of Environmental Factors and Project Environmental Management Plan for monitoring of lead paint removal and repainting of 888 metre long Harwood Bridge over Clarence River near Maclean, NSW.
- Review of Environmental Factors for 800 metre long Prospect lower canal section of Homebush Bay to Fairfield cycleway, NSW.
- Review of Environmental Factors for 2 km Guildford section of Homebush Bay to Fairfield cycleway, NSW.
- Review of Environmental Factors for roundabout and associated works on Canley Vale overbridge at Canley Vale, NSW.
- Review of Environmental Factors and supplement for replacement of Conjola Creek bridge on Princes Highway near Fishermans Paradise, NSW.
- Review of Environmental Factors for widening of Condies Creek bridge on Princes Highway at Wandandian, NSW.
- Review of Environmental Factors addendum for upgrading The Horsley Drive from 3 lanes to 4 lanes at Horsley Park, NSW.
- Review of Environmental Factors for three drainage modifications to Liverpool to Parramatta Transitway at Smithfield and Wetherill Park, NSW.
- Review of Environmental Factors for reconstruction and widening 500 metres of Princes Highway at Albion Park Rail, NSW.
- Review of Environmental Factors for extension to Gibberagong centre at Bobbin Head within Kuring-gai Chase National Park, NSW.
- Review of Environmental Factors for three large detention basins covering 37 hectares within Liverpool local government area for the Western Sydney Orbital/M7, NSW.
- Review of Environmental Factors for a new roundabout at North Bega, NSW.
- Review of Environmental Factors for reconstruction of Newbridge Road and Governor Macquarie Drive at Moorebank, NSW.
- Review of Environmental Factors for widening 1.6 km of Sunnyholt Road at Glenwood, NSW.
- Review of Environmental Factors for upgrading Briner Bridge over the Coldstream River, NSW.

- Statement of Environmental Effects and Development Application for a biosolids storage lagoon addition to wastewater treatment plant at Cooranbong, NSW.
- Review of Environmental Factors for 8.6 km cycleway from Fairfield City Farm, Abbotsbury to Prospect Reservoir, NSW.
- Review of Environmental Factors for upgrading Power Street, Rooty Hill Road North and Richmond Road within Blacktown local government area for improved access to Western Sydney Orbital, NSW.
- Environmental Overview and Environmental Impact Assessment for 40 km off-motorway cycleway along Western Sydney Orbital (now Westlink M7) from Prestons to West Baulkham Hills, Sydney, NSW.
- Review of Environmental Factors for upgrading Beech Road, Bernera Road, Jedda and Joadja Roads within Liverpool local government area for improved access to Western Sydney Orbital, NSW.
- Review of Environmental Factors for a contractors construction compound for the Western Sydney Orbital/M7 at the M4 Motorway interchange, Eastern Creek, NSW.
- Review of Environmental Factors for widening 1.2 km of Great Western Highway at Wentworth Falls, NSW.
- Environmental Overview and Review of Environmental Factors for upgrading the bridges over the Orara River and Nymboida River, NSW.
- Reviews of Environmental Factors and Construction Environmental Management Plan for M5 East stage 1 cycleway from Kyeemagh to Mascot, NSW.
- Review of Environmental Factors for civil works and Blacktown to Wetherill Park transitway within Greystanes Estate, Prospect, NSW.
- Environmental Management Plan for upgrading Great Western Highway and bridge replacement at Medlow Bath, Blue Mountains.
- Environmental Impact Assessment for 23 design modifications to Western Sydney Orbital/M7 40 km route from Prestons to West Baulkham Hills, Sydney.
- Review of Environmental Factors for a M2 Motorway 45 space commuter car park at Torrs Street, Baulkham Hills.
- Review of Environmental Factors for installation of a fibre optic cableway along 1.5 km of M4 Motorway, Emu Plains.
- Review of Environmental Factors for reconstruction of 1.2 km of Gipps Street, Claremont Meadows, Sydney.
- Review of Environmental Factors for replacement of a bridge at Akuna Bay, Sydney.
- Review of Environmental Factors for installation of a fibre optic cableway along 6 km of Southern Cross Drive, Sydney.
- Review of Environmental Factors and Construction Environmental Management Plan for widening 800 metres of the Western Distributor in central Sydney.
- Monthly environmental monitoring and audits of 150,000 tonne inert waste filling and rehabilitation of former 7.5 hectare landfill site at Thornleigh.
- Environmental documentation for rehabilitation of 2.4 hectares of former sandstone flagging extractive industry area, South Maroota.

- Review of Environmental Factors for McGraths Hill flood evacuation route along Windsor Road between McGraths Hill and Vineyard.
- Review of Environmental Factors and Environmental Management Plan for reconstruction and widening of 2.2 km of Cowpasture Road between North Liverpool Road, Green Valley and Elizabeth Drive, Bonnyrigg Heights, NSW.
- Statement of Environmental Effects and DA for a 30,000 t/a materials recycling yard for construction waste, Botany.
- Environmental Management Plan for extraction of 3.5 million tonnes of sand and sandstone over 20 years at Old Northern Road, Maroota, NSW.
- Monthly environmental monitoring and audits on operations of a 30,000 t/a materials recycling facility, Mt Kuring-gai.
- Review of Environmental Factors for a pedestrian and cyclist overbridge at Huntleys Point interchange.
- Review of Environmental Factors for a M2 Motorway 90 space commuter car park at North Rocks.
- Review of Environmental Factors for installation of an Australian Digger soldier statue on Anzac Bridge.
- Section 96 Applications for modifications to 200,000 t/a extraction of sand and sandstone at Maroota, Sydney.
- Review of Environmental Factors for a 484 metre long noise wall between the M4 Motorway and Olympic Village at Silverwater.
- Environmental audits on construction of a 30,000 t/a materials recycling facility, Mt Kuring-gai.
- Environmental Overview for realignment of 5 km of Mid Western Highway at Kings Plains village east of Blayney.
- Review of Environmental Factors for a 310 metre long noise wall at Warwick Farm.
- Review of Environmental Factors and community consultation for illumination of Anzac Bridge.
- Guidelines for development, building and leasing at Sydney Airport.
- Report on submissions on Environmental Management Plan for 30,000 t/a materials recycling facility, Mt Kuring-gai.
- Environmental report on major drainage works for a recreation complex at Penrith.
- Review of Environmental Factors for a rock crushing plant located adjacent to the Pacific Highway 4 km south of Coffs Harbour, NSW.
- Review of Environmental Factors for widening 800 metres of The Northern Road from 2 to 4 lanes at Orchard Hills.
- Review of Environmental Factors, Statement of Environmental Effects and Decision Report for 450 metre Bourke Street extension around Mascot Station.
- Environmental audit and Environmental Management Plan for a Council works depot at Galston.
- Environmental Control Plan for two new bridge duplications along M5 Motorway.
- Environmental Management Plan for 30,000 t/a materials recycling facility, Mt Kuring-gai.

- Environmental risk audit of 19 km length of M5 Motorway, south-west Sydney.
- Review of Environmental Factors and Environmental Management Plan for a slip lane from Epping Road over the M2 Motorway, Sydney.
- Integrated Development Applications, Section 96 Application and Statements of Environmental Effects for 24 hour operations of a 150,000 t/a glass beneficiation and 50,000 t/a paper recycling plant at Botany, Sydney.
- Section 96 Application for modifications to a new 20 ML/a used oil re-refinery at Bomen, Wagga Wagga.
- Environmental implementation actions for large scale extraction of sand and sandstone at Maroota, Sydney.
- Assessment of Development Applications for new facilities at Sydney Airport.
- Review of Environmental Factors for construction and operations of a carpark and maintenance area adjacent to M5 Motorway toll plaza.
- Review of Environmental Factors for a pedestrian/cycle bridge adjacent to Pacific Highway over Great Northern Railway at North Wyong.
- Review of Environmental Factors for upgrading 1.6 km of The Horsley Drive from 3 lanes to 4 lanes at Horsley Park.
- Review of Environmental Factors and Environmental Management Plan for reconstruction from 4 to 6 lanes for 3.5 km of Cumberland Highway from Merrylands Road to The Horsley Drive.
- Review of Environmental Factors and Environmental Management Plan for maintenance of three rock cuttings and a large slip area on Hawkesbury Road at Hawkesbury Heights, NSW.
- Review of Environmental Factors and Environmental Management Plan for reconstruction of 3 km of Cowpasture Road between Elizabeth Drive, Bonnyrigg Heights and The Horsley Drive, Bossley Park, NSW.
- Site contamination assessment and validation report for vehicle, plant and equipment maintenance depot at Mt Ku-ring-gai, NSW.
- Environmental Management Plan for an eastbound entry ramp from Hawkesbury Road to the Great Western Highway at Springwood, NSW.
- Review of Environmental Factors for concrete saw cutting of 5.6 km of pavement for the Pacific Highway upgrade 4 km south of Coffs Harbour, NSW.
- Environmental Management Plan for construction of a 4 km duplication of M5 East Motorway from 2 lanes to 4 lanes between Fairford Road and King Georges Road.
- Statement of Environmental Effects and Development Application for 20,000 seat Multi-Use Arena at Homebush Olympics 2000 site.
- Statement of Environmental Effects and Section 102 Application for 3,500 space carpark on Avenue B2 at Homebush Olympics 2000 site.
- Review of Environmental Factors and Environmental Management Plan for culvert rectification at Maxwells Creek, Prestons, NSW.
- Review of Environmental Factors for a concrete batching plant located adjacent to the Pacific Highway 4 km south of Coffs Harbour, NSW.

- Reviews of Environmental Factors for stabilisation and specialist treatments to two rock faces S13 and N15 on the F3 Freeway near Berowra, NSW.
- Landfill Environmental Management Plan for Wisemans Ferry waste disposal facility.
- Assessment Report for an eastbound entry ramp from Hawkesbury Road to the Great Western Highway at Springwood, NSW.
- Cumulative Impacts Assessment of four short term road projects along the M2 Motorway to Warringah Freeway corridor, NSW.
- Review of Environmental Factors for the construction of 900 metres of Cowpasture Road deviation at Horningsea Park, NSW.
- Review of Environmental Factors for the reconstruction of Camden Valley Way with Bringelly Road and Cowpasture Road Deviation at Hoxton Park, NSW.
- Environmental Management Plan for construction of a 3.8 km deviation and overtaking lane on the Pacific Highway between Gap Road and Tuckombil Canal, north of Grafton.
- Environmental Management Plan for construction and operations of a 30,000 t/a paper and 60,000 t/a glass recycling plant at Emu Plains, NSW.
- Review of Environmental Factors for an eastbound entry ramp from Hawkesbury Road to the Great Western Highway at Springwood, NSW.
- Review of Environmental Factors for a privately funded pedestrian bridge with advertising over Hart Drive, Wentworthville, NSW.
- Independent reviews and assessment reports of two Environmental Impact Statements and Development Applications for extraction of sand and sandstone at Maroota, Sydney.
- Reviews of Environmental Factors for installation of noise attenuation mounds and walls at 15 locations (for example, along the M4 Motorway and James Ruse Drive) in the Sydney metropolitan area for the noise abatement programme.
- Rezoning applications, draft Development Control Plans and Statements of Environmental Effects for construction and operations of two service centres on the M2 Motorway at North Ryde, NSW.
- Review of Environmental Factors for a 3.1 km extended and modified tidal flow scheme arrangement along Epping Road and Longueville Road between the M2 Motorway and Gore Hill Freeway.
- Review of Environmental Factors for remedial measures to Bells Line of Road near the Clarence Tunnel and Zig Zag Railway east of Lithgow, NSW.
- Submission Review Document for 7.6 km Princes Highway bypass of North Kiama for presentation to a Commission of Inquiry.
- Review of Environmental Factors for widening 10 km of M4 Motorway from four lanes to six lanes between Mays Hill and Prospect, NSW.
- Review of Environmental Factors, community consultation, economic evaluation and value management study for widening of Campbelltown Road and reconstruction of Morgans Gate bridge at Campbelltown, NSW.
- Environmental studies for upgrading 2.5 km of M4 Motorway from five lanes to seven lanes between Parramatta and Mays Hill and upgrading 20 km of M4 Motorway from four lanes to six lanes between Prospect and Emu Plains, NSW.

- Review of Environmental Factors, environmental and noise impact assessments of two batch plants for construction of 4.3 km of southbound carriageway of Pacific Highway at Eungai north of Kempsey.
- Environmental Management Plan for construction of 4.3 km of southbound carriageway of Pacific Highway at Eungai north of Kempsey.
- Review of Environmental Factors for realignment of 4.3 km of Pacific Highway to dual carriageway between Ewingsdale and Tyagarah, north of Byron Bay, NSW.
- Review of Environmental Factors for a concrete batching plant located in the M2 Motorway reserve at Winston Hills, Sydney.
- Environmental Overview for widening 4.5 km of Great Western Highway and intersection improvements between Mt Victoria and Hartley, east of Lithgow, NSW.
- Review of Environmental Factors for duplication of the 290 metre long bridge and approaches over the Georges River at Liverpool, NSW.
- Review of Environmental Factors for an exit ramp from the M5 Motorway to the Hume Highway at Casula, NSW.
- Review of Environmental Factors and community consultation programme for construction of a grade separation between Homebush Bay Drive and Australia Avenue at the Olympics 2000 site, Homebush.
- Population forecasts and description of receiving environments for EISs for managing sewage overflows from the Hawkesbury-Nepean River and South Creek sewerage systems.
- Review of Environmental Factors for replacement bridges and approaches over Ten Mile, Bull Dog, Boggy and Myall Hollow Creeks on the Newell Highway north of Narrabri, NSW.
- Review of Environmental Factors for construction of M4 Motorway and Hill Road half interchange for access to Olympics site at Homebush, Sydney.
- Review of Environmental Factors for a concrete batching plant located adjacent to the M2 Motorway at Marsfield, Sydney.
- Noise impact assessment for additional lanes and widening the intersection of King Georges Road and Stoney Creek Road, Beverly Hills, NSW.
- Flora and fauna assessments for rare and threatened Australian plants and endangered fauna within 21 km of main road shoulder widening between Lithgow and Mudgee.
- Review of Environmental Factors including drainage studies and a community consultation programme for 370 metre long rock slope face maintenance on Spit Road, The Spit, NSW.
- Review of Environmental Factors for upgrading 2.5 km of M4 Motorway from five lanes to seven lanes between Parramatta and Mays Hill and upgrading 20 km of M4 Motorway from four lanes to six lanes between Prospect and Emu Plains, NSW.
- Review of Environmental Factors for a privately funded pedestrian bridge with advertising over Military Road, Cremorne, NSW.
- Environmental Management Plan for reconstruction of 0.8 km of Olympic Drive, Lidcombe.
- Quality review of a Review of Environmental Factors for upgrading Castlereagh Road, Cranebrook, NSW.

- Development Application and Statement of Environmental Effects for a 46 space vehicle and boat park at Berrilee, NSW. Presented evidence to the Land and Environment Court as an expert witness.
- Review of Environmental Factors for reconstruction of 0.8 km of Olympic Drive, Lidcombe.
- Environmental audit of site and Environmental Management Plan for 1.9 km extension of Silverwater Road design, construction and maintenance contract, Sydney.
- Environmental requirements, licences and approvals for an Environmental Management Plan for 2.5 km realignment of Pacific Highway, Ewingsdale, NSW.
- Briefing paper for location and zoning of service centres and advertising along the M2 Motorway corridor, Baulkham Hills to North Ryde, NSW.
- Review of Environmental Factors for widening a bridge over Bulga Creek north of Gilgandra on the Newell Highway, NSW.
- Review of Environmental Factors for replacing a bridge over Sandy Creek north of Gilgandra on the Newell Highway, NSW.
- Environmental Overview for replacing a bridge and strengthening two overflow channel bridges over the Talbragar River on the Newell Highway, north of Dubbo.
- Review of Environmental Factors for widening a bridge over Five Mile Creek north of Gilgandra on the Newell Highway, NSW.
- Review of Environmental Factors for replacing a bridge over Dohnts Creek north of Dubbo on the Newell Highway, NSW.
- Review of Environmental Factors for realigning Murray Farm Road and a bridge over the M2 Motorway, Beecroft, NSW.
- Environmental Management Plan for 19 km of Hume Highway duplication and bypass centred on Bookham, NSW.
- Review of Environmental Factors for a design change to the bridge and noise walls over Terrys Creek between Marsfield and Epping for the M2 Motorway, NSW.
- Review of Environmental Factors for amending the M2 Motorway interchange between Oakes Road and Pennant Hills Road, Carlingford, NSW.
- Review of Environmental Factors for realignment of 2.5 km of Pacific Highway between Ewingsdale and Tyagarah Creek, north of Byron Bay, NSW.
- Site contamination report for a 5.2 hectare bulk haulage depot near a coal washery, Narellan, NSW.
- Review of Environmental Factors for a pedestrian bridge over the Pacific Highway at Wahroonga, NSW.
- Independent review, assessment reports and mediation for an Environmental Impact Statement and Development Application for a 100,000 t/a hardfill recycling facility at Mt Kuring-gai, NSW.
- Review of Environmental Factors for an extension to Beresford Road and a pedestrian bridge with advertising over the M4 Motorway at Greystanes, NSW.
- Facilitator for a value management assessment workshop for an artificial wetland at Cherrybrook, NSW.

- Environmental Impact Assessment report for additional ramps at Mamre Road for access to the M4 Motorway, St Marys, NSW.
- Review of Environmental Factors for construction of a special events bus connection from the M4 Motorway to Olympics 2000 bus road, Homebush Bay, NSW.
- Planning framework for including control of diffuse pollution Best Management Practices in Sydney Regional Environmental Plan No. 20.
- Review of Environmental Factors for access to Jugiong via loading and unloading ramps off the northbound carriageway of the Jugiong bypass, NSW.
- Environmental Overview for Appin Road Corridor Study from St Helens Park, Campbelltown to Appin, NSW.
- Plan of subdivision and planning documentation including a LEP submission for 1.25 hectare five lot subdivision of residential land at Brooklyn, NSW.
- Environmental Management Plan for 2.5 km deviation of the Oxley Highway over the Mooki River and Carroll Creek flood plain, Gunnedah, NSW.
- Environmental Impact Assessment report for a 1.7 km reconstruction of the Great Western Highway at Faulconbridge, Blue Mountains, NSW.
- Review of Environmental Factors for a pedestrian and bicycle ramp off Glebe Island Bridge, Pyrmont, NSW.
- Environmental Impact Assessment report for 5 km reconstruction of the Great Western Highway from Blaxland to Valley Heights, Blue Mountains, NSW.
- Review of Environmental Factors for a privately funded pedestrian bridge with advertising over King Georges Road, Beverly Hills, NSW.
- Review of Environmental Factors for ramps and toll booths on the M5 Motorway, Milperra, NSW.
- Review of Environmental Factors for flood mitigation and development potential of properties in Old Toongabbie, NSW.
- Environmental Impact Assessment Report for 22 km duplication of the Federal Highway at Lake George, NSW.
- Environmental adviser for 50 km internal relief and external bypass routes of Albury-Wodonga multi-government Environmental Impact Statement/Environmental Effects Statement.
- Review of Environmental Factors for improving and widening 1.25 km of Oxley Highway/Gunnedah Road in west Tamworth, NSW.
- Environmental Management Plan for 22 km duplication of the Federal Highway at Lake George, NSW.
- Environmental Impact Assessment Report and Clause 64 Report for 19 km of Hume Highway bypass centred on Bookham, NSW.
- Quality assurance review of an Environmental Impact Statement for a 14,000 t/a tissue manufacturing plant at Wetherill Park, NSW.
- Planning documentation and quality assurance review of an Environmental Impact Statement for a 54 MW methane gas to electricity conversion plant at Appin colliery, Appin, NSW.

- Project Director for an Environmental Impact Statement for an 800,000 cubic metre hard rock quarry near Collector, NSW.
- Environmental assurance and protocols for site contamination testing of a 142 hectare rural research property at Bringelly, NSW.
- Planning documentation and quality assurance review of an Environmental Impact Statement for a 40 MW methane gas to electricity conversion plant at Tower colliery, Douglas Park, NSW.
- Review of Environmental Factors for widening 1.5 km of main road at Davies Road, Padstow, NSW.
- Independent assessments of Development Applications for residential and commercial developments in the lower Blue Mountains, NSW.
- Drafting of Local Environmental Plans to enable rezonings in the lower Blue Mountains.
- Independent assessments of rezoning submissions in the Blue Mountains, NSW.
- Environmental Assessment Review for 22 km duplication of the Federal Highway at Lake George, NSW.
- Project Director for an Environmental Impact Statement for a 4 km reconstruction of the Liverpool Range section of New England Highway, Murrurundi, NSW.
- Environmental and land use planning assessments of concept proposals for improvements to the lower North Shore and inner Eastern Suburbs road system, Sydney, NSW.
- Quality assurance assessments of Reviews of Environmental Factors for main road and bridge projects in metropolitan Sydney, regional and rural NSW.
- Environmental Impact Assessment Report and Clause 64 Report for Brunswick Heads Bypass of Pacific Highway, NSW.
- Environmental Overview for a 13 km New England Highway bypass of Muswellbrook.
- Review of Environmental Factors for a pedestrian bridge with advertising over Epping Road, Lane Cove, NSW.
- Review of Environmental Factors for realignment and widening of 1.2 km of Kings Highway, Clyde Mountain, Tallaganda, NSW.
- Independent assessment of a Development Application for residential development at Newtown, NSW.
- Review of Environmental Factors for realignment and reconstruction of 12.4 km of Hume Highway south of Gundagai, NSW.
- Review of Environmental Factors and environmental management action list for Woodford Bends pedestrian bridge over the Great Western Highway, NSW.
- Review of Environmental Factors for Mororo to Tabbimoble 5 km deviation of the Pacific Highway north of Grafton, NSW.
- Review of Environmental Factors for realignment and upgrading of 2.6 km of Pacific Highway near Reillys Lane north of Coffs Harbour, NSW.
- Review of a Development Application and Environmental Impact Assessment for reconstructing 1 km of Arterial Road at Killara, NSW.

- Project Manager for an Environmental Impact Statement and associated rezoning and LEP submissions for a 48 berth marina extension at Berowra Waters, NSW.
- Presentation of Mt Pinatubo Geographic Information System planning and development applications to an Australian Emergency Management Institute course, Mount Macedon, Victoria.
- Project Manager for a comprehensive Section 94 Contributions Plan covering Concord. Evidence in the Land and Environment Court as an expert witness.

Responsibilities at PPK Consultants included managing the Environmental Planning Section, projects, business development, personnel and consultants to achieve sales and contribution budgets within a quality assurance program for technical excellence. Projects included:

- Project Manager for a Review of Environmental Factors for a 10,000 square metre in-flight catering facility at Mascot, NSW.
- Project Manager for rezoning 450 hectare of surplus power station land at Mardi.
- Documentation for an Environmental Impact Statement and Plan of Management to fill the former brickworks pit at Homebush Bay, NSW.
- Review of an Environmental Impact Statement for waste water disposal from a wool scour, Orange, NSW.
- Project Manager for the establishment and operation of a Geographic Information System for the Mt Pinatubo volcano affected area, San Fernando, Pampanga, Philippines.
- Project Manager for an Environmental Impact Statement for the Illawarra Water Quality Project, Wollongong, NSW.
- Review of an Environmental Impact Statement for a 20,000 head cattle feedlot at Narromine, NSW.
- Project Manager for site selection and disposal of spoil and residuals totalling over 125,000 cubic metres from a major water treatment plant at Wollongong, NSW.
- Project Manager for a LES/draft LEP for rural residential development covering 265 hectares at Camden, NSW.
- Project Manager for a Review of Environmental Factors for livestock saleyards at Mudgee, NSW.
- Project Manager for assessments of two major retail, commercial and residential developments at Birkenhead Point, Sydney, NSW.
- Project Manager for planning studies for disposal of Commonwealth Defence lands in Sydney, NSW.
- Review of Environmental Factors for sand extraction near Bathurst, NSW.
- Review of an Environmental Impact Statement for a recycled waste materials plant at St Peters, NSW.
- Project Manager for a marketing and development strategy to develop 150 hectare of vacant industrial land at Kooragang Island, Newcastle, NSW.
- Project Manager for an Environmental Impact Statement for a 1270 metre long levee at Muswellbrook, NSW.

- Project Manager for a feasibility study for provision of public facilities in a combined broadcast tower at Gore Hill, NSW.
- Review of Environmental Factors for a second motor racing circuit at Mt Panorama, Bathurst, NSW.
- Review of Environmental Factors and Development Application for a creek realignment and coal refuse emplacement at a colliery, Helensburgh, NSW.
- Project Manager for a draft Environmental Impact Statement for construction and operation of a 270 metre high combined radio and television tower at Gore Hill, Sydney.

Senior Planner for Kinhill Engineers Pty Ltd. Project involvement included staff and consultant supervision, business development and responsibility for time, cost and quality controls for the following:

- Project Manager for a site selection and cost estimates study for the relocation, refurbishment and development of properties for a major newspaper group in Sydney, NSW. Submission of a Review of Environmental Factors and Development Application for a 45,000 square metre building on the selected site at Chullora.
- Project Manager for an Environmental Impact Statement involving reclamation, dredging and construction of bulk liquids berths for 120,000 tonne vessels at Port Botany, NSW.
- Project Manager for a site selection, building specification and cost estimates study for a jet engine overhaul complex for a major international airline at Sydney airport.
- Project Manager for an Environmental Impact Statement and Development Application for a 250 t/a bulk pharmaceutical plant at Newcastle, NSW.
- Project Manager for an Environmental Impact Statement for a dockyard expansion, ship lift and associated facilities at Balmain, NSW.
- Project Manager for a Review of Environmental Factors and Development Application for a 2,000 t/a wire drawing plant at Rooty Hill, NSW.
- Project Manager for an Environmental Impact Statement and Development Application for a 62,000 t/a concrete products plant expansion at Rooty Hill, NSW.
- Project Manager for an Environmental Impact Statement and Development Application for a 66,000 t/a nitric acid plant and 80,000 t/a ammonium nitrate granulation plant expansion at Newcastle, NSW.
- Review of an Environmental Impact Statement for an intensively housed piggery near Deniliquin, NSW.
- Market assessment of urban and rural land and facilities required for a 540 hectare residential subdivision at Cawdor, NSW.
- Preparation of a Public Environmental Review for a 136 lot residential subdivision at City Beach, Perth, Western Australia.
- Project Manager for a Review of Environmental Factors for a 14 level commercial development at Hornsby, NSW.
- Project Manager for an Environmental Impact Statement and Development Application for a 2,000 t/a rare earth processing plant at Tuncester, NSW. Presented evidence at a subsequent public inquiry into the proposal.

- Preparation of environmental papers for submission to the Commission of Inquiry on an agricultural and veterinary products formulation proposal at Kurnell, NSW.
- Project Manager for a traffic and economic impact assessment of two discount department store proposals at Richmond, NSW.
- Preparation of an Environmental Impact Statement for a 160 km long 500 kV transmission line from Mount Piper to Marulan, NSW.
- Project definition for an Environmental Impact Statement and Development Application for a 3,000 t/a flocculent plant at Wetherill Park, NSW.
- Project definition for an Environmental Impact Statement for a national chemicals distribution and storage centre with 21,000 pallet capacity at Minto, NSW.
- Project definition for an Environmental Impact Statement for a 1,350 hectare tourist development and rural residential community at Port Stephens, NSW.

Consultant Town Planner with Planning Workshop involved in a range of projects including:

- A plan of subdivision for residential development at Hornsby, Sydney.
- A market and location study for establishing day surgical centres in Sydney and Melbourne.
- Preparation of an Environmental Impact Statement for the Woolloomooloo Bay redevelopment in Sydney.
- Preparation of selected residential and commercial Development Application appeal submissions for the Land and Environment Court.
- Preparation of Reviews of Environmental Factors for development proposals.

Independent planning consultant with projects including:

- Market investigations for a proposed retail development at Belmont, NSW.
- A rezoning and land subdivision proposal at Kilmore, Victoria.

Senior Consultant with Lucas Menyhart and Associates engaged in project planning and management services on a range of projects in Melbourne, Sydney and Canberra. Skills included providing planning, programming, monitoring and management advice for large building projects from conception to commissioning within time, cost and quality controls. Projects included:

- Planning for the Melbourne Central Project involving an \$800 million multi-use redevelopment of the area around Museum Station in Melbourne, Victoria.
- Programming for and monitoring of the Department of Social Security's Victorian Stratplan project involving a \$30 million office fitout and computer installations network for 58 sites, Melbourne, Victoria.
- Project planning for the Lynch's Bridge redevelopment of the Newmarket saleyards and abattoir areas covering housing, community facilities, recreation and commercial uses over 80 hectares and \$90 million capital cost, Melbourne, Victoria.

Experienced in physical land use planning, design and implementation of projects as a contract Town Planner with Sha Tin New Town Development Office of the Hong Kong Government. Responsible for:

- Design and approval of detailed property development layout plans, planning guides and planning briefs for large public and private developments within a five year rolling development programme for a design population of over 600,000 in Sha Tin, New Territories, Hong Kong.
- Extensive consultation with multi-disciplinary professionals, consultants and government departments during the design process to implement development programmes for public housing, industrial estates, commercial centres, recreation and community facilities.
- Expertise in planning the new town extension of Ma On Shan for a design population of 200,000 and integrating existing villages within the rapidly developing urban environment.

Experienced in metropolitan, strategic, regional, environmental, rural and recreation planning as a middle management Planning Officer with Urban Strategy, Environmental and Urban Management Sections of Planning Branch, Melbourne and Metropolitan Board of Works. Responsible for:

- Development of urban and non-urban planning strategies, policies and guidelines.
- Designing and managing research studies on housing, recreation and use of open space.
- Supervision of professional, technical and consulting staff and administrative duties.
- Policy formulation and liaison with State departments, local governments, community groups and higher education institutions.
- Strategic planning and assessing metropolitan planning objectives and policies.
- Reviewing the feasibility of residential property developments.
- Studies on urban energy use, urban conservation areas and city economic structures.

Experienced in local and statutory planning as a Planning Officer with the Planning Department of Melbourne City Council. Responsible for:

- Evaluating and making recommendations according to statutory requirements under metropolitan and local planning schemes and policies for multi-unit residential complexes, high rise commercial and industrial property development proposals.
- Negotiation with developers, architects and community groups while implementing legislation and policy.

Market Research Assistant with Research and Development Department of British Petroleum (New Zealand) Limited involved in:

- Market analyses of national and regional petroleum sectors.
- Developing guidelines for location of service stations.
- Forecasting sales of petroleum products and associated administrative duties.