

## PHILLIP BAYLEY

**QUALIFICATIONS** B.Sc. (Environmental Science), Murdoch University 1979

**AFFILIATIONS** Member, Environmental Consultants' Association

### EXPERIENCE

#### 2006 to date

Director, Bayley Environmental Services.

Projects include:

Muchea Industrial Park, Precincts 2, 3 and 4 – Groundwater, vegetation and fauna studies, preparation of Environmental Assessment Reports, Local Water Management Strategies, Landscape Master Plans, Clearing Permit applications (various clients).

Austin Lakes Estate, South Yunderup – Senior level environmental advice, coordination of consultant team, management planning (Satterley Property Group).

Coordination of multi-disciplinary project team, environmental studies, preparation of assessment documentation and negotiation of local, State and Commonwealth approvals for \$750M Collgar wind farm near Merredin (Investec Bank Ltd).

Biological surveys and EPA referral for a 100MW solar farm in Three Springs (Three Springs Solar Pty Ltd).

Biological surveys, preparation of assessment documentation and negotiation of local, State and Commonwealth approvals for a 50MW solar power station in the Chapman Valley Shire (Investec Bank Ltd).

Environmental assessments of potential solar farm sites in Jurien, Cunderdin, Moora, Kellerberrin and Southern Cross (Energy Made Clean Pty Ltd).

Environmental assessments of potential wind farm sites at Cape Riche and Borden (Investec Bank Ltd).

Housing Construction Waste Study (Housing Industry Association).

Carnamah-Coorow Coastal Management Strategy (Shires of Carnamah and Coorow).

Expert review of consultant land capability reports for proposed subdivisions in Dandaragan Shire (DPI) and Parkerville (Somerville Ecovillage Pty Ltd).

Provision of expert witness in support of actions in the State Administrative Tribunal and Supreme Court in relation to compensation and other claims in Yunderup, Kenwick, Cannington, Landsdale, Ravenswood, Hammond Park, Mundaring (various clients).

Land Capability studies for on-site effluent disposal in Bedforddale, Roleystone, Wandering, Serpentine, York, Kellerberrin, Karragullen, Chittering, Pinjarra, Forrestdale, Gingin, Walpole, Nambeelup, Denmark, North Dandalup, Serpentine (various clients).

Conceptual design and documentation of drainage and effluent management systems for Frenchman Bay 5-Star Resort, Albany (FBPL) and Scottalian Hotel, Bindoon (W&L Armenti).

Drainage and Water Management Plans for kennel and special rural estates in Nambeelup (Downstream Nominees Pty Ltd).

Environmental assessments, reporting and negotiation of State and Commonwealth approvals for a large urban subdivision proposal in South Dalyellup (Piacentini Developments).

Preparation of Local Water Management Strategies (LWMS) and Urban Water Management Plans for land developments in Helena Valley, South Dalyellup, Nambeelup, Walpole, Ravenswood, Hazelmere, North Dandalup, Chidlow, Serpentine, Kelmscott, Cockburn (various clients).

Commonwealth EPBC referrals and approvals for developments in Baldivis, Hammond Park, South Dalyellup (various clients).

#### 1993 to 2006

Principal Environmental Scientist, Bowman Bishaw Gorham. Appointed Associate Director in April 1996. Responsible for business development, staff supervision and mentoring, project management, environmental assessment, reporting and advice on a range of mining, land development and land management projects. Projects included:

Environmental project manager of major urban land development projects including Ellenbrook (LWP Properties), Brighton (Satterley Property Group), College Grove (LandCorp), Point Grey (Plunkett Group), Austin Cove (Satterley Property Group).

Environmental Reviews of Peel and Greater Bunbury Region Schemes (WAPC).

Consultative Environmental Review, Pilbara Ammonium Nitrate Project (Sasol Chemical Industries).



Consultative Environmental Review, Pilbara Methanol Project (BHP Petroleum).  
 Environmental Management Manuals for iron ore operations at Pannawonica and Cape Lambert (Robe River Iron Associates).  
 Kalgoorlie Liquid Waste Management Study (City of Kalgoorlie-Boulder).  
 Preparation of Environmental Guidelines and Post-Construction Audits of construction works at Beharra Springs Gas Facility (Tri Ocean Australia) and Tubridgi (Boral Energy).  
 Route selection studies, environmental assessments, EPA referrals and/or Section 16(e) Strategic Assessments for gas pipelines at Tubridgi (Boral Energy), Oakajee Gas Lateral (DRD), DBNGP-Northeast Goldfields (GPWG), Bullsbrook (DBNGP), Kwinana-Bunbury (GPSSC).  
 Site selection study for Western Australian Iron Smelter (Parmelia Resources).  
 Conservation value assessment of Quindalup Dunes and associated vegetation at Burns Beach (Burns Beach Property Trust).  
 EPA and PIMA referral documents, environmental assessment and construction specifications for Mandurah Cultural Centre (Hames Sharley Pty Ltd).  
 Public Environmental Review for South-West Corridor Structure Plan (DPUD).  
 Consultative Environmental Review for Exmouth Prawn Farm Project (Cape Seafarms).

**1989 to 1993**

Project Environmental Scientist, Dames & Moore Pty Ltd. Responsible for project management, environmental assessment and reporting.  
 Managed or contributed to numerous CER, PER, ERMP and EIS reports including Kalgoorlie Super Pit (KCGM), Bow River Alluvial Diamond Project (Normandy Poseidon), Yarrie Iron Ore Project & Railway (BHP Iron Ore Ltd), Koolyanobbing Iron Ore Project (Portman Mining Ltd), Mt Cassiterite Tin/Tantalum Project (Pancontinental), Pilbara Gas Pipeline, Pioneer Concrete Herne Hill Quarry, Compact Steel, Jandakot Airport expansion, SECWA Esperance Wind Farm, Perth-Bunbury Highway.  
 Contributed to site selection and industrial planning studies including Compact Steel, Towards Optimising Kwinana, IP14 study, Geraldton Heavy Industry Site Selection.  
 Wetland management plans for Hyde Park Lakes, Perry Lakes and artificial lakes at Belmont City Council offices.  
 Oil Spill Contingency Plans for VELA Far East and SAGASCO Bass Strait operations.  
 Participated in site contamination audits of over 60 service stations and fuel depots in Victoria, South Australia and New South Wales.  
 Environmental Compliance Audit of port facilities for Hamersley Iron Ltd.  
 Bunbury-Wellington Regional Industry Strategy for DPUD.

**1987-1988**

Technical Officer, Environmental Protection Authority. Designed and managed study of nutrient contamination in North Lake, Kardinya. Participated in Peel-Harvey Estuarine System Study and Albany Harbours Nutrient Study.

**1983-1987**

Technical Officer, CSIRO Division of Groundwater Research (seconded from EPA). Groundwater monitoring and modelling related to Peel-Harvey Estuarine System Study.

**EXPERTISE**

Environmental assessment and statutory approvals, land capability assessment, strategic environmental advice, on-site effluent disposal, nutrient management, water management planning, site and route selection.