

STAFF RESUME: EN042

Career Summary

Department of the Environment (Commonwealth) approved ecologist with 20 years' experience working on a broad range of projects throughout Queensland, Northern Territory and northern New South Wales, particularly in mining, gas and corridor studies and construction.

Key Areas of Expertise

- Terrestrial flora and fauna surveys in a wide range of Australian bioregions
- Strategy, planning and implementation including environmental management plans (EMPs) and environmental performance reporting / auditing
- Impact assessment
- Environmental monitoring and management
- GPS mapping
- Photography
- Environmental communication and education including mentoring

Professional History

Out-Task Environmental subcontractor (October 2017 – To date)

Ecologist and Environmental Consultant

Fluor (Oct 2012 – Nov 2013)

Environmental Co-ordinator - ecologist on Santos Fairview CSG project construction

Self-employed (Oct 2006 – Oct 2012)

Ecologist / Environmental Consultant

Ison Environmental Planners, Fraser Island (1994 - 2006)

Biologist / Environmental Consultant

Kingfisher Bay Whale Watching, Fraser Island (1994)

Marine Biologist

Project Experience

Coal Seam Gas

- Fairview - Santos. Managing ecological impacts, environmental investigations, pre and post-clearing surveys, locating rare and threatened species, weed identification, revegetation assessment and liaising with, and supervising the environmental performance of subcontractors;
- Spring Gully - Origin Energy. Flora and fauna studies;
- Windibri - QGC/BG. Flora and fauna studies;
- Miles - QGC/BG Miles power station and substation. Flora and fauna studies;
- Curtis Island - Clearing at LNG plant sites for QGC/BG and Origin Energy. Flora and fauna studies;
- Braemar - Arrow Energy. Rare plant impacts at power station site;

- Chinchilla-Roma-Wandoan - Origin Energy. Ecological scouting of numerous sites for gas field development.

Road and Rail Construction

- All environmental work for Thiess Contractors relating to Southern Brisbane Bypass fauna and flora studies, preparation of Environmental Management Plans, regular environmental monitoring and EMP compliance checking of construction projects;
- Ecological scouting of 500 kilometre long corridor for Hancock Coal Alpha to Abbott Point rail line;
- Environmental assessment of proposed Stuart railway yards upgrade Townsville;
- Botanical advice for landscape plantings on Pacific Highway upgrade;
- Flora and fauna studies for proposed rail link between Goondiwindi and Moree;
- Review of environmental factors for several small road and highway upgrades in Southeast Queensland and Cooktown;
- Flora and fauna studies for sections of the Moranbah to Abbot Point rail connection.

Telecommunications

Reviewing potential impacts upon rare or threatened fauna and flora species and advising on methods to reduce them. Field surveys and environmental advice for over 220 optic fibre cable routes and mobile phone tower sites throughout Queensland, the Northern Territory and northern NSW for Telstra including cable routes which traverse Cape York Peninsula and Arnhem Land.

Flora and fauna work for Optus cables between Brisbane and Dubbo and Brisbane to Cairns.

Electricity

- Assessment of flora and fauna issues in power station construction tenders for Queensland Transmission and Supply Corporation (QTSC);
- Flora and fauna studies for Tarong to Callide transmission cable EIS;
- Studies of waterbird populations in artificial wetlands at Callide power station;
- Flora and fauna studies for Kogan Creek Power Station and Acland Power Station proposal;
- Flora and fauna studies for Blackwall to Tarong transmission cable and Blackwall substation EIS.

Mining

Field work at a number of mine sites in central and south eastern Queensland involving:

- Fauna and flora studies as part of Environmental Impact Studies;
- Regular environmental compliance monitoring;
- Assessment of revegetation;
- Detection and control of noxious weeds;
- Preparation of statutory documents in support of mining lease applications;
- Environmental Impact Statement;
- Environmental Management Overview Strategy;
- Plan of Operations;
- Provision of advice on aspects of environmental management;
- Expert witness for mining warden's court hearings.

Dams, Weirs and Pipelines

Dawson River Dam near Taroom - flora and fauna field studies

Walla Weir Burnett River - review of EIS for DPI Water Resources, preparation of Environmental Management Plan, regular environmental compliance monitoring of construction.

Wivenhoe to Tarong water supply pipeline - preparation of Environmental Management Plan, reduction of risk of interbasin transfer of fish.

Eungella Dam to Moranbah water supply pipeline - Awoonga to Callide pipeline extension, Rockhampton to Gladstone emergency water supply pipeline project, Gladstone to Mt Miller water supply pipeline, preparation of Environmental Management Plans and flora and fauna studies for pipeline corridors.

Minggudjamba Banbarriarra Dam, Palm Island - preparation of Environmental Management Plan and flora and fauna studies.

Beardmore Offstream Storage - preparation of Environmental Management Plan.

Acland power station proposal - water supply pipeline corridor study.

Border Rivers Management Plan

Fieldwork and ecological components of the management plans for the Dumaresq and Macintyre Rivers.

Wilderness Inventory Assessment

Low level aerial survey of all Queensland wilderness areas south of the Tropic of Capricorn, particularly the far south west of the state.

Urban Developments and Residential Subdivision

- Flora and fauna studies for numerous projects across southeastern Queensland;
- Preparation of environmental management plans;
- Liaison with planners, landscape architects and engineers; and
- Preparation of ecological evidence and court appearances as expert witness.

Court Experience

Appeared as expert witness in:

- Planning and Environment cases relating to land developments at Gatton, Mt Crosby, Thornlands, Berrinba, Noosa and Gilston; and
- Mining Wardens court hearings for coal mine developments at Ebenezer and Oakleigh.

Education

- Bachelor of Science (BSc.), University of Queensland

Training

- Car, bus, truck and boat licences. 4WD trained and experienced.
- Senior First Aid certificate
- Inductions current for: Origin Energy, Santos, QGC and BHP Exploration
- Coal mine generic passport and inductions for a number of individual mine sites
- Queensland construction worksite blue card & NSW green card