



STEVE FERMIO

MANAGING DIRECTOR OF WOLFPEAK

PRINCIPAL ENVIRONMENTAL AND EARTH SCIENCE SPECIALIST

Background

Steve has over 30 years' experience, including an outstanding portfolio of environmental, natural resources and water policy experience from his previous employment as a director / senior manager at numerous organisations including the NSW EPA, former Department of Land and Water Conservation and NSW Natural Resources Commission. He also has significant environmental planning and auditing experience on major infrastructure and energy (including transmission line and geothermal development) projects in NSW, SA and QLD. Steve is an Exemplar accredited environmental auditor and has undertaken audits on numerous port, rail, road and energy projects. He has been appointed by the NSW Government as an Independent Environmental Representative (ER) on major rail and port infrastructure projects (is currently ER on the New M5 WestConnex project) and is an Independent Environmental Expert Member on Wollongong City and Lane Cove Council's Independent Hearing and Assessment Panels.

Qualifications

Bachelor of Science, ANU

Honours in Geology - Monash University

Graduate Diploma Land Rehabilitation – Federation University

Exemplar Accredited Environmental Auditor

Expertise

- Environmental auditing of major infrastructure projects
- Environmental management and systems development for the geothermal energy sector
- Water management and natural resource planning and policy
- Environmental & planning management on major rail, port, road & energy projects
- Preparation of environmental assessments for major infrastructure projects
- Preparation of CEMPs
- Environmental awareness training
- Compliance tracking & reporting
- Environmental approvals management
- Geological mapping and interpretation

Relevant Project Experience

NEW M5 WESTCONNEX PROJECT (2016-current)

Independent Environmental Representative

(Sydney, NSW)

Role Appointed by NSW Department of Planning and Environment (DPE) as the Independent Environmental Representative for the construction of the project

Key achievements

- Currently advising DPE, Project Proponent (Roads and Maritime Services) and major contractor (on environmental issues and providing assurance around environmental management of the project)
- Compliance auditing against environmental management plans approved for the Project

INDEPENDENT ENVIRONMENTAL EXPERT PANEL MEMBER (2009 to current)

Independent Hearing & Assessment Panels

Lane Cove & Wollongong City Councils

Role Appointed by Lane Cove & Wollongong City Councils as an environmental expert panel member on their Independent Hearing & Assessment Panels that determine development applications that typically have been the subject of significant community submissions, involve deviations from local planning provisions or are the subject of an appeals or review to the Panel.

IMPREGILO-SALINI JOINT VENTURE (2014-2017)

Surface Viaduct – NWRL

(Sydney, NSW)

Role Environment Manager during the construction of the project

Key achievements

- Preparation of CEMP and obtaining DPE approval of CEMP in record time to commence construction
- Obtained EPA license for construction
- Management of remediation of significant asbestos contamination during construction
- Development of compliance tracking and reporting process for numerous project approval and EPA license conditions
- Preparation and approval of Consistency Assessments for ancillary facilities and design changes associated with the Project

LEND LEASE (2012-2014)

Intermodal Logistics Centre (ILC)

(Enfield, NSW)

Role Planning and Environment Manager during construction of project by Leighton Contractors and Independent Environmental Auditor prior to 2012

Key achievements

- Managing several REFs and modifications to the Project Approval required for substation & power supply upgrades, roadworks, project modifications and environmental compliance
- Meeting tight timeframes for authority approvals
- Preparation of CEMP for major road intersection upgrade works

SYDNEY PORTS CORPORATION (2011-2013)

Cruise Passenger Terminal

(Balmain, NSW)

Role Environmental Management Representative (EMR)

Key achievements

- Review of contractor's CEMPs and sub plans

- Ongoing compliance tracking and auditing
- Management of construction works at a very prominent location adjacent to the Harbour and inner city residents
- Ensuring minimal impact on residents, traffic and adjacent marine environment

ARTC (2011-2013)

Nundah Bank Third Track Project
(Singleton, NSW)

Role Environmental Management Representative (EMR)

Key achievements

- Meeting tight timeframes to enable project scheduling to be maintained
- Ensuring maintenance of high quality site environmental and compliance management
- Review of contractor's CEMPs and sub plans
- Compliance tracking and auditing

GEODYNAMICS LIMITED (2009 - 2014)

Cooper Basin Geothermal Exploration and Evaluation Project
(Innamincka, SA)

Role Senior Environment Consultant

Key achievements

- Preparation of Statements of Environmental Objectives under *Petroleum and Geothermal Energy Act 2000 (SA)*
- Preparation of Activity Notifications
- Development of Environmental Management System and training program
- Annual environmental audits for Primary Industries SA
- Preparation of geofluid management strategy

LEIGHTON-FULTON HOGAN JOINT VENTURE (2009-2011)

Sapphire to Woolgoolga Pacific Highway Upgrade
(Coffs Harbour, NSW)

Role Environmental Approvals Manager

Key achievements

- Preparation of CEMP and sub plans
- Management of key issues including; erosion and sediment control in a high rainfall area and acid sulphate and contaminated soils
- Preparation of consistency assessments
- Achieving approval of CEMP and EPA license for early construction commencement
- Preparation of environmental assessments for local quarry expansions

NATURAL RESOURCES COMMISSION (NRC) (APRIL 2005 - OCTOBER 2005)

Program Manager Audit and Performance Reporting
(NSW)

Role Program Manager

Key achievements

- Completed pilot audits of effectiveness of NSW Catchment Management Authorities' Natural Resource Management systems to deliver against NSW Government's standards and targets

NSW TRANSPORT INFRASTRUCTURE DEVELOPMENT CORPORATION (TIDC) (2002-2009)

Epping to Chatswood Rail line; Chatswood and Parramatta Transport Interchanges; North Sydney Station Upgrade; Macdonaldtown Stabling Yards; Kingsgrove to Revesby Quadruplication; Cronulla Line Duplication; Liverpool Station Upgrade; Newcastle Corridor Upgrade project and others
(Sydney, NSW)

Role Senior Environment Manager/ Director of Planning and Environment

Key achievements

- Management of environmental impact assessments (Environmental Assessments & REFs)
- Management of key environmental issues such as; electromagnetic radiation, noise and vibration in urban areas, threatened fauna, water (surface and groundwater) and soil
- Auditing and inspections
- Liaison with environmental regulators including DPE, EPA and local councils during design and construction of the projects
- Liaison with local communities and businesses
- Delivery of numerous major rail infrastructure assessments including for numerous substations, power supply upgrades, overhead wiring and obtaining approvals and licenses
- Compliance with a complex range of conditions of approvals and licenses on multiple projects
- Interaction with wider design and construction teams to solve complex environmental issues

NSW DEPARTMENT OF LAND AND WATER CONSERVATION (1998-2002)

(Penrith, NSW)

Role Senior Natural Resource Officer

Key achievements

- Developed implementation programs for the water planning provisions of the Water Management Act 2000
- Trained regional staff on the planning provisions of the NSW Water Management Act 2000
- Developed easy to use guidelines to assist staff prioritise and prepare water management plans for the five-year period from 2002-2007
- Developed template for major water utility licenses under Part 9 of the Water Act 1912
- Project managed several scientific expert panels established to determine environmental flow requirements for bulk water utility licenses
- Consulted with local water users, landholders and interest groups on sustainable flow rules (including provisions for riparian users and the environment) for Lyell Dam on the Cocks River

NSW ENVIRONMENTAL PROTECTION AGENCY (1992-1997)

(Penrith, NSW)

Role Head- Western Operations Unit

Key achievements

- Managed unit of 10 environmental protection officers based in Penrith
- Negotiated sustainable development license conditions for the Appin and Tower Methane Conversion Plants
- Developed environmental audit program for industrial premises in Blacktown LGA
- Strengthened links between EPA and catchment management groups and communities in western/southwest Sydney
- Compliance inspections and regulation of licensed premises in western NSW, based in Dubbo

NORTH FLINDERS MINE LTD (1987-1991)

(Tanami Desert, NT)

Role Exploration Project Geologist

Key achievements

- Managed gold exploration programs including field mapping and sampling, drilling and geological analysis at the Granites Gold Mine

COMMITTEES & PANELS

- Independent Environmental Expert Member of Wollongong & Lane Cove Councils' Independent Hearing and Assessment Panels
- Former NSW Committee member of the Environment Institute of Australia & NZ
- Former Director on Board of the Australian Green Infrastructure Council
- Former community representative on the Berowra Catchment Management Committee
- DLWC representative on the Lower Hawkesbury Catchment Committee (1999-2000)
- EPA representative on the Upper Nepean Catchment Management Committee (1994-1997)
- EPA representative on the Middle-Hawkesbury-Nepean Catchment Management Committee (1994-1995)