

CURRICULUM VITAE

STEVE FERMIO

Principal Environmental and Earth Scientist
Director

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Expertise

- Environmental and sustainability auditing of major infrastructure projects
- Preparation of Environmental Management Plans for major projects
- Compliance tracking & reporting
- Environmental approvals management
- Environmental management and assessments for major infrastructure projects

Qualifications

- Bachelor of Science, ANU
- Honours in Geology, Monash University
- Graduate Diploma Land Rehabilitation, Federation University
- Certificate IV in Soil Health, Plant Nutrition & Pasture Development, New England Institute of TAFE

PROFILE

Steve is a Principal Environmental and Earth Scientist and the Managing Director of WolfPeak. He has over 30 years' experience, including an outstanding portfolio of environmental and natural resources management experience from his time as a senior manager on the Skytrain Project (part of North West Metro), NSW EPA, NSW Transport (Infrastructure), NSW Department of Land and Water Conservation.

Steve has environmental assessment, planning and auditing experience on major infrastructure projects in NSW, SA and QLD including the Skytrain (North West Metro), various Inland Rail, Pacific Highway Upgrade, Westconnex, Cruise Passenger Terminal (White Bay) and geothermal energy projects. He is an accredited Principal Environmental Auditor and has undertaken environmental and sustainability audits for clients on major projects such as Barangaroo, Port Botany Expansion, Moorebank Intermodal Precinct, Inland Rail Project, Chaffey Dam Upgrade, Wollongong Coal, Transport Access Program and numerous public school redevelopments in NSW.

Steve is appointed by the NSW Government as an Independent Environmental Representative on the Narrabri to North Star Inland Rail and M6 projects and an Environmental Expert Panel member on Wollongong and Lane Cove Councils' Local Planning Panels.

APPOINTMENTS AND PROFESSIONAL MEMBERSHIPS

- Member of the Environment Institute of Australia & NZ
- Exemplar Global Accredited Principal Environmental Auditor
- Former Director on Board of the Australian Green Infrastructure Council (forerunner to ISCA)

RELEVANT PROJECT EXPERIENCE

WolfPeak Environment and Heritage, NSW¹

Principal Environmental and Earth Scientist

Senior Environmental Project Support | Future Generation Joint Venture (2021 - present), Snowy 2.0

DPIE appointed Independent Environmental Representative | Transport for NSW, NSW (2021 - present), M6 Stage 1 Project

DPIE appointed Independent Environmental Representative | ARTC Inland Rail, NSW (2020 - present), Narrabri to North Star Project

- Currently advising DPIE, Project Proponent (ARTC) and Trans4m Rail Joint Venture partners (John Holland & SEE Civil) on environmental issues and providing assurance around environmental management of the project.
- Review & endorsement of environmental management plans for the Project.

DPIE appointed Independent Environmental Representative | ARTC Inland Rail, Parkes NSW (2018-2020), Parkes to Narromine Project

- Advised DPIE, Project Proponent (ARTC) and InLink Joint Venture partners (BMD & Fulton Hogan) on environmental issues and provided assurance around environmental management of the project.
- Audited implementation of environmental management plans for the Project.

DPIE appointed Independent Environmental Representative | WestConnex, Sydney NSW, New M5 (2016-2020)

- Advised DPIE, Project Proponent (Transport for NSW) and major contractor on environmental issues and provided assurance around environmental management of the project.
- Audited implementation of environmental and sustainability management plans on the Project.

Environment Manager | WeBuild, Sydney NSW, Surface Viaduct – North West Metro (2014-2016)

- Prepared CEMP and obtained DPIE approval of CEMP in record time to commence construction.
- Obtained EPA license for construction.
- Responsible for the implementation of the environmental components of the ISCA scheme which helped achieve a Leading Design Rating for the Project.
- Managed remediation of significant asbestos contamination during construction.
- Developed compliance tracking and reporting process for numerous project approval and EPA license conditions.

¹ Prior to 2011 as Principal of Steve Fermio Environmental

- Prepared and approved for Consistency Assessments for ancillary facilities and design changes associated with the Project.

Independent Environmental Expert Panel Member | Wollongong City and Lane Cove Councils (2009 to present)

- Independent environmental expert panel member on Local Planning 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 process.

Independent Environmental & Sustainability Auditor | Various Projects (construction & operation) (2009 to present)

- ISCA - sustainability audit of the Waratah and Wye TAP Projects
- ISCA – sustainability audit of the Fairy Meadow and Mittagong TAP Projects
- Patrick Stevedores & Hutchison Ports, Port Botany Container Terminals
- Maitland to Minimbah Third Track Project. ARTC Hunter Valley
- Enfield Intermodal Terminal, Sydney Ports
- Chaffey Dam Upgrade, Tamworth, Water NSW
- Moorebank Precinct Import/Export Terminal, Liverpool, SIMTA
- Armidale High School Redevelopment, NSW Department of Education
- Curl Curl North Public School Redevelopment, NSW Department of Education
- Lake Cathie Public School Redevelopment, NSW Department of Education
- Transport Access Program Sustainability Auditor, NSW Transport (various locations in Newcastle, Sydney & Wollongong)
- Wollongong Coal Triannual Environmental Compliance Audit & Risk Assessment of Operations in Sydney Drinking Water Catchment, Wollongong Coal
- Ports Authority NSW Environmental Risk Assessment (various locations in Sydney & regional NSW)

Planning and Environment Manager and Independent Environmental Auditor | Enfield Intermodal Logistics Centre (2012 to 2014)

- Managed Reviews of Environmental Factors and modifications to the Project Approval required for substation & power supply upgrades, roadworks, project modifications and environmental compliance.
- Met tight time frames for authority approvals.
- Preparation of CEMP for major road intersection upgrade works.

Independent Environmental Representative | Sydney Ports Corporation – Cruise Passenger Terminal, Balmain NSW (2013)

- Reviewed contractor's CEMPs and sub plans.
- Managed compliance tracking and auditing.
- Management of construction works at a very prominent location adjacent to the Harbour and Inner-City residents.
- Ensured minimal impacts on residents, traffic and adjacent marine environment.

Independent Environmental Representative | ARTC – Nundah Bank Third Track Project (2013)

- Met tight time frames to enable project scheduling to be maintained.
- Ensured maintenance of high-quality site environmental and compliance management.
- Audited implementation of contractor's CEMPs and sub plans.
- Ensured compliance tracking and auditing processes were implemented.

Senior Environmental Consultant | Geodynamics Ltd – Cooper Basin Geothermal Exploration Project (2009 to 2013)

- Prepared Statements of Environmental Objectives under Petroleum and Geothermal Energy Act 2000 (SA).
- Prepared Activity Notifications for major exploration activities.
- Developed Environmental Management System and training program for staff.
- Prepared annual environmental audits for Primary Industries SA.
- Prepared a geofluid management strategy.

Environmental Approvals Manager | Leighton-Fulton Joint Venture – Sapphire to Woolgoolga Pacific Highway Upgrade (2009 to 2011)

- Prepared CEMP and sub plans.
- Managed key issues including erosion and sediment control in a high rainfall area containing acid sulphate soils.
- Prepared Consistency Assessments.
- Achieved approval of CEMP and EPA license for early construction commencement.
- Prepared Environmental Impact Assessments for local quarry expansions.

NSW Transport Infrastructure Development Corporation (TIDC), Sydney

Senior Environment Manager/ Director of Planning and Environment

2002 – 2009

- Managed Environmental Impact Assessments & REFs for major rail projects.
- Instrumental in gaining approval of the Board of TIDC to develop NSW Transport's Sustainable Design Guidelines
- Managed key environmental issues such as; electromagnetic radiation, noise and vibration in urban areas, threatened fauna, water (surface & groundwater) and soil.
- Conducted environmental and compliance auditing and inspections.
- Liaised with environmental regulators including DPIE, EPA and local councils during design and construction of major rail projects.
- Liaised with local communities and businesses.
- Interacted with design and construction teams to help solve complex environmental issues.
- Liaised with local communities and businesses.
- Delivered numerous major rail infrastructure assessments including for numerous substations, power supply upgrades, overhead wiring and obtaining approvals and licenses.

- Complied with a complex range of conditions of approvals and licenses on multiple projects.
- Interacted with wider design and construction teams to solve complex environmental issues.

NSW Department of Land and Water Conservation, Penrith NSW

Senior Natural Resource Officer / Manager of Corporate Licensing Unit

1998 – 2002

- 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.
- Developed a 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 major water utility licenses.
- Consulted with local water users, landholders and interest groups on environmental flow rules for Lyell Dam on the Coxs River.

NSW Environmental Protection Agency, Dubbo and Penrith NSW

Head of Western Operations Unit / Regional Operations Officer

1992 – 1997

- Managed 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.
- Completed compliance inspections and regulation of licensed premises in western NSW, based in Dubbo.

North Flinders Mine LTD, Tanami Desert NT

Exploration Project Geologist

1987 - 1991

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