

## Independent Audit Declaration Form

Independent Audit Declaration Form

Project Name: Darlington Public School

Consent Number: SSD 9914

Description of Project: Redevelopment and expansion of Darlington Public School

Project Address: Golden Grove Street, Darlington

Proponent: NSW Department of Education

Title of Audit: Initial Construction - Independent Audit

Date: 1 February 2021

Richard Peterson of SNC Lavalin Atkins has been asked to fulfil the role of independent auditor for Darlington Public School (SSD 9914) I declare that :

- I am not related to any proponent, owner or operator of the project neither as an employer, business partner, employee, or by sharing a common employer, having a contractual arrangement outside the audit, or by relationship as spouse, partner, sibling, parent, or child;
- I do not have any pecuniary interest in the audited project, including where there is a reasonable likelihood or expectation of financial gain or loss to me or spouse, partner, sibling, parent, or child;
- neither I nor my employer have provided consultancy services for the audited project that were subject to this audit except as otherwise declared to the Department prior to the audit; and
- I have not accepted, nor intend to accept any inducement, commission, gift or any other benefit (apart from payment for auditing services) from any proponent, owner or operator of the project, their employees or any interested party. I have not knowingly allowed, nor intend to allow my colleagues to do so.

Notes:

- a) Under section 10.6 of the *Environmental Planning and Assessment Act 1979* a person must not include false or misleading information (or provide information for inclusion in) in a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is false or misleading in a material respect. The proponent of an approved project must not fail to include information in (or provide information for inclusion in) a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is materially relevant to the monitoring or audit. The maximum penalty is, in the case of a corporation, \$1 million and for an individual, \$250,000; and
- b) The *Crimes Act 1900* contains other offences relating to false and misleading information: section 307B (giving false or misleading information – maximum penalty 2 years imprisonment or 200 penalty units, or both)

Name of Auditor: Richard Peterson

Signature



Qualification: BEng, MEng Mgt

Company SNC Lavalin Atkins

Company Address: Level 17, 55 Clarence Street, Sydney 2000

*Richard Peterson is an Associate to the Environment and Geoscience division and has over 20 years of experience in the environmental sector.*

*Richard's core experience is major transport projects. His project credentials include the Western Sydney Airport, Western Sydney Airport Rail, Stockyard Hill Wind Farm, WestConnex, Sydney Light Rail, Sydney Metro, Inner West Light Rail Extension, Epping to Chatswood Rail Link, Lane Cove Tunnel and the Warrell Creek to Nambucca Project. His environmental operations management experience includes Eastern Distributor, Cross City Tunnel and M5 East Motorway. Richard has performed key leadership and technical due diligence roles including the High Capacity Metro Trains Project (Vic), Sydney Buses (Region 6) and the acquisition of a number of industrial properties in SE Asia (confidential client). Richard is a lead environmental auditor for the NSW Transport for NSW audit program and has been approved by the NSW Department of Environment and Planning as part of their independent compliance audit programme.*

## SECTORS OF EXPERTISE

### Environmental Management

- › Environmental Management Systems
- › Environmental Impact Assessment
- › Sustainability
- › Environment Strategy
- › Compliance and Auditing
- › Erosion and Sediment Control
- › Licensing and Approvals
- › Pollution Incident Response
- › Stakeholder Management
- › Technical Specialist Management

## EDUCATION

2005	Master of Environmental Engineering Management University of Technology Sydney, NSW, Australia
2000	Graduate Certificate, Engineering Management University of Technology Sydney, NSW, Australia
1995	Bachelor of Civil Engineering University of Technology Sydney, NSW, Australia

## TRAINING

2017	Aboriginal Stakeholder Engagement
2016	Occupational Health and Safety Induction Training Construction Work (White Card), Express Online Training Management Systems Auditing, RABQSA Leading Management Systems Audit Team. RABQSA

### Years of Experience

- › 20+ years

### Key Positions

- › Technical Director
- › Environmental Manager

### Languages

- › English

### Site Experience

- › Australia
- › United Kingdom

### Computer Applications

- › Microsoft Suite

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## PROFESSIONAL HISTORY

**2020**

**INLAND RAIL , DEPARTMENT OF INFRASTRUCTURE, REGIONAL DEVELOPMENT AND CITIES,  
SYDNEY, NSW, AUSTRALIA**

**Environmental Approval Technical Advisor**

Inland Rail is a once-in-a-generation project that will enhance supply chains and complete the backbone of the national freight network by providing for a transit time of 24 hours or less for freight trains between Melbourne and Brisbane via regional Victoria, New South Wales and Queensland. Comprising 13 individual projects and spanning more than 1,700 km, Inland Rail is the largest freight rail infrastructure project in Australia and one of the most significant infrastructure projects in the world.

The DIRDC has initiated a series of rail project upgrades in regional areas of NSW, Victoria and Queensland to link into Inland Rail and to promote regional economic development, SNC-Lavalin Atkins is working with Ernst and Young on providing regulatory approvals and environmental advice to the Ernst and Young team.

Richard has undertaken the role of Environmental Approval Technical Advisor on the project and will provide technical support and advise to the wider SNC-Lavalin Atkins team.

**2020**

**SYDNEY METRO GREATER WEST RAIL, TRANSPORT FOR NSW, NSW, AUSTRALIA**

**Environmental Approval Technical Advisor**

Sydney Metro Greater West is the new railway line which will service Greater Western Sydney and the new Western Sydney International (Nancy-Bird Walton) Airport. The new railway will become the transport spine for the Western Parkland City's growth for generations to come, connecting communities and travellers with the rest of Sydney's public transport system with a fast, safe and easy metro service.

SNC-Lavalin Atkins has been engaged to provide environmental approvals support to the project. As part of the Technical Advisor team, Richards role is to provide high level advice and support to the team around environmental constraints and legislative requirements.

**2019 - 2020**

**WESTERN SYDNEY AIRPORT ENVIRONMENT STRATEGY**

**Environmental Advisor**

The Western Sydney Airport is being developed on approximately 1,800 hectares of Commonwealth-owned land at Badgerys Creek in Western Sydney (Airport Site), located within the Liverpool local government area. Construction of Western Sydney International (Nancy-Bird Walton) Airport is underway and on track to begin operations in 2026. The airport is a transformational infrastructure project that will generate economic activity, provide employment opportunities closer to home for people in the Western Sydney region, and meet Sydney's growing aviation needs.

SNC-Lavalin Atkins have developed the Environmental Strategy for the project. The strategy outlines an overarching environmental management roadmap and describes how environmental management will be integrated into the planning, construction and operation of WSI. The strategy defines WSA's environmental vision, commitments, guiding principles, objectives and overarching targets across a range of environmental aspects and themes. Richard has led the development of the Environment Strategy for the airport with a focus on preparing the project for operational readiness.

**2018 - 2019**

**STOCKYARD HILL WINDFARM**

**Technical Director**

The Stockyard Hill Wind Farm (SHWF) is a proposed wind energy project located approximately 35 km west of Ballarat in Victoria's central highlands. The project boundary extends to five kilometres south of Beaufort and approximately four kilometres north of Skipton. Stockyard Hill Wind Farm consists of 149 approved wind turbines located approximately 35 km west of Ballarat. The Stockyard Hill Wind Farm has the potential to harness one of Victoria's best wind resources and will provide substantial environmental, community and economic benefits, and will have the potential to power approximately 390,000 homes annually.

SNC-Lavalin Atkins has provided Environmental Approvals support to Goldwind Australia for the Stockyard Hill Wind Farm development. Richard provided technical direction to the project team during the early (pre-construction) start up phase and throughout the construction of the project.

2018 - 2020

**DEPARTMENT OF PLANNING, INFRASTRUCTURE AND ENVIRONMENT (DPIE) , INDEPENDENT COMPLIANCE AUDIT PROGRAM**

**Independent Compliance Auditor**

Richard has been approved by DPIE as an independent auditor of compliance with the Ministers Conditions of approval for a range of project in NSW. These include Tweed Valley Hospital, Quarantine Station (in Manly), Sapphire Wind Farm, Crudine Ridge Windfarm, Western Sydney Airport, Albion Park Bypass and the Windsor Bridge upgrade.

As part of the Environmental Impact Assessment Improvement Project, the Department has prepared Post Approval Requirements (PAR) documents that will apply to State significant projects where required by the conditions of consent or approval. By developing documents that articulate the consent authority's requirements for State significant projects, the Department aims to achieve a consistent, transparent and documented approach to undertaking post approval activities, and monitoring and reporting compliance in NSW. SNC-Lavalin Atkins have streamlined our auditing system to ensure compliance with these Post Approval Requirements.

2018 - 2020

**REGION 6 BASELINE CONTAMINATION ASSESSMENT, TRANSIT SYSTEM, SYDNEY, NSW, AUSTRALIA**

**Technical Director**

Transit Systems operates Region 3 of Sydney's metropolitan bus network covering the Liverpool, Fairfield and Holroyd areas. Transit Systems also operates the Region 6 metropolitan network, the largest contract Region in NSW, covering the inner west of Sydney.

Richard provided a technical support and direction for the Baseline Contamination Assessment for four bus depots located throughout Region 6 network (Burwood, Kingsgrove, Tempe and Kingsgrove).

2018

**INLAND RAIL PARKES TO NARROMINE, ENVIRONMENTAL APPROVALS MANAGEMENT, INLINK JV / ARTC, AUSTRALIA**

**Environmental Approval Technical Advisor**

The Parkes to Narromine section is one of 13 projects that completes Inland Rail. It's one of seven in NSW and includes 98.4km of existing rail track with 5.3km of new rail to be built near Parkes. Most of the work will be a full rebuild of the rail tracks, rail formation and supporting structures in the existing rail corridor. The project's construction will start in Parkes on the Broken Hill railway line near Cooper Road level crossing. Construction work will then progress north towards Narwonah, about 8km south of Narromine.

This existing rail corridor and track will be upgraded to improve transit times. The upgrades will involve:

- › Replacing existing sleepers and track with concrete sleepers and new tracks
- › Realigning the track to minimise tight curves
- › Raising the level of the rail formation (the supportive foundations of the track)
- › Replacing and upgrading culverts.

Crossing loops (areas where trains can pass each other) will also be constructed, as well as work on level crossings, signalling and communications, signage, fencing and services and utilities within the corridor.

Richard is responsible for proving technical direction to the client as well as high level review and oversight of the planning and licencing processes.

2018

**CODE OF PRACTICE FOR ENVIRONMENTAL MANAGEMENT, RAIL INDUSTRY SAFETY AND STANDARDS BOARD, AUSTRALIA**

**Code of Practice Technical Writer**

The Rail Industry Safety and Standards Board is responsible for the development and management of Australian Standards, rules, codes of practice and guidelines, all of which have national application. RISSB is accredited by Standards Australia as the standards development organisation for the rail industry.

SNC-Lavalin Atkins has been engaged to assist the Rail Industry Safety and Standards Board in the authoring of the Code of Practice for Environmental Management in Rail Construction.

Richard is a technical writer for this Code of Practice and responsible for drafting the Code and coordinating inputs from the Development Group which was established from industry parties to steward this initiative's progress.

2017 - 2018

**WESTERN SYDNEY AIRPORT, THE DEPARTMENT OF INFRASTRUCTURE, REGIONAL DEVELOPMENT AND CITIES, SYDNEY, NSW, AUSTRALIA**

**Environmental and Sustainability Lead**

In April 2014, the Australia Government announced the Commonwealth-owned land at Badgerys Creek to be the site for the second Sydney airport. The Western Sydney Airport will cover approximately 1,780 hectares. The Western Sydney Airport is an infrastructure project that will provide employment opportunities while meeting Sydney's growing aviation needs. The Australian Government is investing up to \$5.3 billion in equity to deliver the airport and is forecasted to open in 2026.

Richard managed the delivery of the environment and sustainability assessment of the feasibility design options for the proposed rail corridor at the Western Sydney Airport. Richard and his team worked collaboratively with the multi-disciplinary project team and utilised the Infrastructure Sustainability Council of Australia (ISCA) and NSW Transport for NSW Sustainable Design Guidelines to establish a project specific sustainability framework.

2016 - 2018

**BARRANGAROO FERRY HUB, TRANSPORT FOR NSW, SYDNEY, NSW, AUSTRALIA**

**Environmental Management Representative**

Transport for NSW commissioned McConnell Dowell to design and construct the Barangaroo Ferry Hub as independent EMR.

Richard was responsible for reviewing and endorsing of the CEMP and Sub Plan, provision of environmental and planning advice, conducting compliance and site audits and reporting of findings. This is to control environmental risks during construction to avoid pollution incidents and minimise complaints.

2016 - 2017

**ENVIRONMENTAL MANAGEMENT SYSTEM, SYDNEY MOTORWAY CORPORATION, SYDNEY, NSW, AUSTRALIA**

**Technical Advisor**

Roads and Maritime Services has commissioned Sydney Motorway Corporation to finance, deliver and operate WestConnex, on the behalf on the NSW Government. WestConnex comprises of six individual projects including: extending M4 tunnel in underground tunnels, double road capacity for M5 East, M4-M5 Link, western bypass of Sydney CBD, and provide connections to the Western Harbour Tunnel, BeachesLink and Sydney Gateway. WestConnex will provide transport for Sydney's long term economic and population growth.

Richard's role was to oversee the delivery of the project and have overall accountability to ensure services are provided to meet SMC's expectations in terms of time, quality and budget. Richard was responsible for authoring procedures and section of the Environmental Management System as required.

**2016 - 2017**

**SYDNEY GROWTH TRAINS, SYDNEY, NSW, AUSTRALIA**

**Environmental and Sustainability Lead**

Sydney Growth Trains is a project that provides customers with more frequent and express services. The project delivered hundreds of extra services across the network, new trains to the suburban network and upgraded rail infrastructure allowing for better signalling systems, power supply upgrades and station improvements. Sydney Growth Trains is part of the NSW Governments \$1.5 billion More Trains, More Services program.

Richard is environmental advisor for both the construction and operational phases of the project. He was also involved in the evaluation of project tenders.

**2016**

**ROADS AND MARITIME SERVICES AUDITS AND STRATEGIC REVIEW, SYDNEY, NSW, AUSTRALIA**

**Environmental Auditor/Technical Advisor**

Roads and Maritime Services engaged organisations to form a panel of contractors to perform audits of road and bridge designs, construction and maintenance processes in NSW. Audits are conducted on internal Roads and Maritime Services processed and on the processes of construction contractors and professional service providers.

Richard undertook a strategic review of environmental issues and risks for Roads and Maritime Service operations across NSW and developed a strategy to improve environmental performance. Key performance areas included culture and leadership, training and awareness, compliance and stakeholder management.

Richard is also a member of the Roads and Maritime Services Infrastructure Environmental Auditors Panel and has completed audits including:

- › Great Western Highway Upgrades at Mount Victoria and Kelso
- › Schofields Road Stages 2 and 3
- › Tourle Street Bridge
- › Parkes Highway Trewilga Bypass
- › Nepean River Shared Path
- › Sydney Airport East

**2016**

**HIGH CAPACITY METRO TRAINS, VICTORIA, AUSTRALIA**

**Technical Advisor**

Supporting the State Government's objective of delivering a world-class public transport network, the High Capacity Metro Trains project will deliver 65 high-capacity trains, a new maintenance depot at Pakenham East and a light service facility at Calder Park. The project will be delivered as an 'availability based' public private partnership, providing a dedicated train fleet for the Cranbourne-Pakenham line. The project forms part of the Cranbourne-Pakenham Line Upgrade program which collectively will create thousands of jobs and increase capacity, ease congestion and reduce travel times for the one million people living in Melbourne's south-east corridor. The new train depot in Pakenham East, which includes a train maintenance facility and stabling yard, will have the flexibility to cater to the future rolling stock maintenance needs of the network. Associated infrastructure will be separately delivered by the State.

Richard acted as lenders technical advisor for the High Capacity Metro Trains project in Victoria.

2016

**S60 HERITAGE IMPACT PERMITS AND S60 PERMIT AUDITS , OFFICE OF ENVIRONMENT & HERITAGE, NSW, AUSTRALIA**

**Lead Auditor**

SNC-Lavalin Atkins was commissioned to conduct audits on behalf of the NSW Office of Environment and Heritage (OEH). The program was performed on randomly selected Aboriginal Heritage Impact Permits (AHIP) and Section 60 (S60) permit holders to evaluate their effectiveness as a statutory tool for protecting heritage values and identifying areas for further improvement in protecting Aboriginal and European heritage values. The program consisted of 90 individual audits which comprised a mixture of field AHIP, field Section 60, as well as desktop audits.

As part of the SNC-Lavalin Atkins Audit team, Richard undertook over 20 audits of S60 Heritage and Aboriginal Heritage Impact Permit Audits. This included making high level recommendations to the NSW Heritage Council. Richard's role included overall project management, audit planning and scheduling, obtaining access to relevant information, providing regular client updates, liaising with auditors, conducting and leading audits, as well as preparing and reviewing audit reports.

2014 - PRESENT

**VENTIA BORAL AMEY JV RMS STEWARDSHIP MAINTENANCE CONTRACT - SOUTH ZONE, SYDNEY, NSW, AUSTRALIA**

**Technical Advisor**

The Ventia Boral Amey joint venture won the Road and Maritime Services' Stewardship Maintenance Contract for the Sydney south zone. The contract involves the maintenance and upgrade of major roads and infrastructure in the specified area.

Richard was involved in developing and winning this work package and is currently helping to manage the programme of environmental impacts assessments. This includes directing and advising staff in the preparation of Review of Environmental Factors and other impact assessments for the client and subsequently Roads and Maritime Services' approval. In addition, Richard completed environmental consistency assessments and provided technical advice to the environment team.

Richard is also the primary point of contact and is responsible for maintaining the relationship with the client.

2014 – 2016

**WARRELL CREEK TO NAMBUCCA HEADS, ACCIONA, SYDNEY, NSW, AUSTRALIA**

**Independent Compliance Advisor**

Roads and Maritime Services is upgrading 20 kilometres of the Pacific Highway and includes the construction of 15 bridges, new interchanges at Warrell Creek and Bald Hill Road and access ramps at North Macksville. The project is estimated at \$830 million project is jointly funded by the Australian and NSW governments.

Richard prepared the Environmental Management Plans for the construction phase of the Warrell Creek to Nambucca Heads Project. Richard was also appointed as the independent environmental compliance auditor to undertake bi-annual compliance audits of the project against the Minister's Conditions of Approval.



**2014 - 2015**

**CBD AND SOUTH EAST LIGHT RAIL, SYDNEY, NSW, AUSTRALIA**

**Environment Planning Manager/Environmental Advisor**

The CBD and South East Light Rail is a new light rail network for Sydney which is currently under construction. Starting from Circular Quay along George Street to Central Station, through Surry Hills to Moore Park, then to Kensington and Kingsford via Anzac Parade and Randwick via Alison Road and High Street. The route is approximately 12 kilometres long and will include 19 stops. The construction is set to be completed in 2019. The project will significantly improve public transport to sporting and entertainment facilities in Moore Park, University of NSW, TAFE and various health precincts.

SNC-Lavalin Atkins undertook strategic and technical advice, post Environmental Impact Statement approvals management and community and stakeholder engagements. Richard was the Environment Advisor to Transport for NSW for the initial start up of the construction of the Sydney Light Rail project, overseeing the development of the Environmental Management Systems for over 20 kilometres of new rail infrastructure in the Sydney CBD and Eastern Suburbs. Richard provided technical support and direction for the construction team during the works.

**2014**

**NORTH WEST RAIL LINK (SYDNEY METRO), SYDNEY, NSW, AUSTRALIA**

**Technical Advisor**

North West Rail Link is Australia's largest public transport project and a priority infrastructure investment for the NSW Government. Northwest Rapid Transit is building eight new railway stations and 4,000 commuter car parking spaces, delivering Sydney's new generation of rapid transit trains, building and operating the Rapid Transit Rail Facility, including train stabling and maintenance, installing 23 kilometres of new track and rail systems, converting the existing 13 kilometres of railway between Epping and Chatswood to rapid transit status, and operation and maintenance for 15 years.

Richard was responsible for coordinating and managing the update and preparation of the Construction Management Plan (CEMP) for the Phase 2 works of the Operation, Trains and System contract which comprises of the construction and fit out of the section of the project between Epping and Cudgegong Station. This work also included the main CEMP as well as all the environmental management sub plans. Richard was also involved with the preparation of Ancillary Facility Assessments, Consistency Assessments, Minor Works Assessments, and Subcontractor liaison.

**2009 - 2014**

**LEIGHTON CONTRACTORS, NSW/ACT, AUSTRALIA & NEW ZEALAND**

**Environmental Manager**

Richard had overall responsibility for the development and implementation of the environmental strategy. Richard's role included the management of key client and government stakeholder relationships, and any incidents and escalating issues. Richard was also responsible for the development of best practice processes in collaboration with Corporate Environment team. He provided technical direction and advice to major projects during pre-construction, construction and operational phases which included compliance management, auditing and reporting. The major projects included:

- › Pacific Highway Upgrades including Ballina Bypass, Sapphire to Woolgoolga, and Kempsey Bypass
- › M2 Motorway Widening, Northern Hume Alliance and Tarcutta Bypass
- › Sydney Motorways (Operations) including Eastern Distributor, M7, M5 East and Cross City Tunnel
- › Southern Freight Link, Kingsgrove to Revesby Quadruplication and Richmond Line Alliance, Epping to Thornleigh Third Track
- › Upper Hunter Valley Alliance, Hexham Relief Roads and Aurizon Support Facility

Richard was also lead environmental auditor for all of Leighton Contractors Projects in NSW. This included the auditing for compliance with Project Conditions of Approval as well as establishing systems and processes for ensuring compliance with MCoA and SoC for all projects in NSW.



**2004 - 2009**

**HYDER CONSULTING, LONDON, UNITED KINGDOM**

**Manager – Environmental Solutions Team (2007-2009)**

**Global Business Development Manager (2004-2007)**

The Environmental Solutions Team at Hyder Consulting consisted of 40 professionals including ecologists, landscape architects, geoscientists, sustainability, waste and energy specialists. The London business unit was part of the wider UK Environmental Solutions team consisting of approximately 300 environmental professionals.

Richard was responsible for the overall performance of the business and managed the relationships with the clients. Richard developed and delivered the team strategy while recruiting, developing and retaining staff in the company. Project examples delivered by the London team included:

- › London 2012 Olympics Transport Sustainability Review and Health Impact Assessment
- › Various streetscape (urban) designs at key transport interchanges (e.g. Paddington Railway Station)
- › West London Tramlink Environmental Impact Assessment
- › London 2012 Olympic Park remediation and environmental management

Richard was responsible for managing the business development strategy for the London 2012 Olympics and supported the development of new business streams across regional geographies including Europe, Middle East, East Asia and Australia. This included the management of the relationships of the strategic partnerships and key stakeholders. Richard also co-ordinate the Corporate Social Responsibility Report and global strategic plan for Hyder Consulting.

**2002 - 2004**

**EPPING TO CHATSWOOD RAIL LINK, SYDNEY, NSW, AUSTRALIA**

**Senior Environmental Engineer**

Epping to Chatswood Rail Link is part of the Sydney Metro Northwest transport solution from Rouse Hill to Chatswood. Sydney Metro Northwest will connect directly with the existing Epping to Chatswood railway. This connection will allow the trains to operate a distance of 36 kilometres between Rouse Hill and Chatswood. The upgrade of the Epping to Chatswood railway is an important part of the \$8.3 billion Sydney Metro Northwest.

Secondment to Thiess for the Epping to Chatswood Rail Link, where he led and managed environmental approvals which involved impact assessments, development of management plans, management of technical specialists and stakeholder engagement. Richard was the manager for the start-up and approvals process and led the development of Minister's Conditions of Approval compliance programs to ensure Minister's Conditions of Approval requirements were fulfilled to the satisfaction of DPE and the Transport Infrastructure Development Corporation.

**2001 - 2004**

**GREAT WESTERN HIGHWAY – LAWSON UPGRADE, HYDER CONSULTING, SYDNEY, NSW, AUSTRALIA**

**Senior Environmental Engineer**

The Great Western Highway is a key freight route between Sydney and the central west of NSW and provides a route to tourists for destinations to the Blue Mountains, Historic Hartley, Jenolan Caves, Mudgee and Bathurst. It is also a connecting and local road between the many towns and villages along its length. The upgrade works are to improve travel times for motorists, and promote a safer road environment for all motorists, pedestrians and cyclists.

Richard played a senior role in the environmental assessment of the highway upgrade for Lawson Road. He managed the urban design and community consultation for 4 kilometres of highway duplication and major bridge works.

**2002**

**KARUAH BYPASS, HYDER CONSULTING, SYDNEY, NSW, AUSTRALIA**

**Senior Environmental Engineer**

The Karuah Bypass was opened to traffic in September 2004. The Karuah Bypass includes the construction of a 600 metre bridge over the Karuah River, 200 metre bridge over the Karuah Wetland, nine other bridges, two major interchanges and fauna underpasses, glider crossings and fauna and rural fencing.

Richard was the main verifier of the environmental management plan for the construction of a 10 kilometre highway through sensitive forests, wetlands and creeks. Richard was also the independent environmental verifier for the Karuah Bypass. This involved verifying the construction environmental management plan and undertaking compliance review of the project conditions of approval prior to the commencement of construction activities.

**1999 - 2001**

**CONNELL WAGNER (AURECON), SYDNEY, NSW, AUSTRALIA**

**Senior Environmental Engineer**

Projects delivered by Richard during this time include:

- › TransGrid (Sydney City Cable Tunnel) Construction Environmental Management Plan
- › John Holland (ANSTO Replacement Research Reactor) Construction Environmental Management Plan
- › Various site contamination audits for industrial developments
- › Provided a review of environmental factors for effluent pipeline through Jervis Bay National Park for Shoalhaven Water
- › Prepared and completed an Environmental Impact Statement for Ballina Bypass in Northern NSW for Roads and Traffic Authority

**1997 - 1999**

**NORTHSIDE STORAGE TUNNEL, CONNELL WAGNER (AURECON), SYDNEY, NSW, AUSTRALIA**

**Environmental Operations Manager**

The Northside Storage Tunnel improves water quality in Sydney Harbour by storing wastewater and stormwater that would have overflowed into the harbour during a heavy rain event. The tunnel's diameter ranges from 3.8 to 6.6 metres. The tunnel starts approximately 40 metres below sea level west of Lane Cover River and runs for 16 kilometres east to end 100 metres below sea level at North Head.

Promoted from Site Environmental Engineer for the Tunks Park tunnelling operations to Environmental Operations Manager for the Northside Storage Tunnel which comprised over 20 kilometres of 6 metre diameter tunnels and significant barging, transport operations and marine works. Richard was responsible for the monitoring and supervision of environmentally sensitive works Implementation of Environmental Management System.

# Certificate

This is to certify that:

Richard Peterson

Has successfully completed

Management Systems Auditing and Leading Audit Teams

And is deemed competent for:

RABQSA – AU – Management Systems Auditing

RABQSA – TL – Leading Management Systems Audit Teams

This Course is certified by RABQSA for Training of

Management Systems Auditing

For and on behalf of BSI:



Chris Meehan, Business Manager - Training

Date:

04/02/2014 - 06/02/2014

Certificate Number:

ENR-00114788