



Suite 117
25 Solent Circuit
Baulkham Hills
NSW 2153

24 September 2020

Erica van den Honert
Department of Planning, Industry and Environment
320 Pitt Street
Sydney
NSW 2000

Dear Erica van den Honert,

MPW STAGE 2 SSD 7709 COC A36 & A33 ENVIRONMENTAL REPRESENTATIVE

MPW Stage 2 (SSD 7709) Condition A36 enables SIMTA to engage more than one ER for the development. SIMTA nominates Chris Jack of Pitt & Sherry Pty Ltd to fulfill the role of Environmental Representative (ER) and seeks approval by the Secretary to engage Chris in line with the requirements of Condition A33 and the Environmental Representative Protocol (DPE, 2017).

Chris is suitably qualified with a broad range of experience in environmental management, auditing and environmental planning, bringing significant leadership and practical experience to the role. Chris has worked on behalf of both Government and private entities overseeing impact assessments and construction activities on behalf of Sydney Water, ARTC, RMS and Snowy Hydro by way of example. Roles have included Independent Auditor, EIS Coordinator, Lead (environmental interface), and Technical Advisor.

Please find included with this letter a summary table (Attachment A) outlining the qualifications, skills and availability of the proposed ER. A CV providing project details is included as Attachment B.

Chris, and Pitt & Sherry, are not presently, nor have they been previously, engaged to perform advisory, design or delivery services for Qube. There is no known direct or perceived conflict of interest in the proposed engagement.

The purpose of this information is to demonstrate that Chris satisfies the requirements of the Environmental Representatives Protocol (DPE, 2017) and confirms Chris' independence to the construction, operation, delivery and design of the project.

We trust this notification meets your requirements. Please don't hesitate to let me know if there is anything we can do to facilitate the Department's prompt formal response.

Regards

A handwritten signature in blue ink, appearing to read 'RJ', is positioned above a horizontal line.

Richard Johnson
Director

Enclosed:

Attachment A: Summary table against Environmental Representatives Protocol (DPE, 2017)
Attachment B: Curriculum Vitae

ATTACHMENT A – SUMMARY TABLE AGAINST ENVIRONMENTAL REPRESENTATIVE PROTOCOL (DPE, 2017)

Section and Ref (ER Protocol 2017)		Response
1.1	Independence	Pitt&Sherry confirms their independence from the design and construction team and are committed to remaining independent of the design and construction team for the life of the project.
2.1	ER Role Sections 2.1.1 to 2.1.4 - general, advice, documents, compliance – form part of the ER role as engaged by Qube.	
2.2	Skills and Qualifications:	
		<p>Chris is a Principal Environmental Planner with over 30 years' experience including Technical and Project Director on a range of projects across numerous industry sectors. His experience includes projects approvals, feasibility studies, impact assessment, project risk assessment and management, environmental monitoring and compliance management.</p> <p>He has prepared and provided expert evidence for the Land & Environment Court of NSW, and environmental impact assessments including Part 4.1 and 5 and 5.1 of the <i>Environmental Planning and Assessment Act 1979</i>, liaison with regulators, stakeholder and community engagement, modifications to approvals, management plans including CEMPS and OEMPS, developing compliance programs, environmental audits and development of Environmental Management Systems.</p> <p>Chris has been involved in major linear infrastructure projects from preparing planning approvals as Environmental Factors to State Significant Developments (SSD) and Infrastructure. Chris recently was the Lead Environmental Interface for Reference Engineering design of the Snowy 2.0 project for Snowy Hydro. He also was one of the Technical Experts reviewing the adequacy of the EISs and associated CEMPs covering the NSW and Qld sections of ARTC's Inland Rail project. Chris has also prepared and reviewed many REFs and Construction and Operational Environmental Management Plans and sub-plans for many projects including for TfNSW. Chris was also one of the Independent Environmental Auditors for Lane Cove Tunnel monitoring environmental compliance with development consent conditions.</p> <p>Because of his varied experience and senior roles, Chris is able to act confidently and independently as an ER across many different types of projects with multi-disciplinary teams and multiple stakeholders.</p> <p><u>Education and Qualifications:</u></p> <ul style="list-style-type: none"> • Bachelor of Science (Marine Biology and Zoology) (Hons) James Cook University • Master of Environmental Planning, Macquarie University • Post Graduate Diploma of Environmental Studies, Macquarie University

Section and Ref (ER Protocol 2017)		Response
		<ul style="list-style-type: none"> Accredited in Risk Communication Facilitation <p><u>Skills:</u> Chris is an experienced environmental, sustainability and planning professional with significant experience in:</p> <ul style="list-style-type: none"> Environmental and Social Impact assessment and planning approvals Development of Sustainable Business/Enterprise Risk Strategies EHS systems development, diagnostic surveys, audits, and training Development and implementation of EHSC assurance processes and verification audits Safety and sustainability performance transformation strategies Corporate sustainability Development of Sustainable Performance Indications Risk Communication and Stakeholder engagement
2.3	Experience	Please refer to detailed project information in the CV included with this letter.
2.4	Availability	
		Chris is currently Project Director / Manager for a number of small environmental planning approval requiring approximately 2 days per week through to the end of 2020. Based on this current workload Chris is willing and able to commit to the ER role for the foreseeable future (i.e. 1-3 years).
2.5	Departmental Communication	
		The Moorebank Precinct through the various development phases already active, is an established development with ER to DPIE communication protocols already well established. Chris will adopt the existing project protocols and migrate those to the MPW Stage 2 phase of the development.
2.6	Site Inspections	
		The Moorebank Precinct through the various development phases already active is an established development, with site inspection protocols already well established. Chris will adopt the existing project protocols and migrate those to the MPW Stage 2 phase of the development.

Section and Ref (ER Protocol 2017)		Response
2.7	Monthly Reports	
		The Moorebank Precinct through the various development phases already active is an established development, with regular reporting protocols already well established. Chris will adopt the existing project protocols and migrate those to the MPW Stage 2 phase of the development.
2.8	Non-Compliances and Incident Reporting	
		The Moorebank Precinct through the various development phases already active is an established development, with protocols for Non-Compliances and Incident Reporting already well established. Chris will adopt the existing project protocols and migrate those to the MPW Stage 2 phase of the development.
3.1	Endorsement	Pitt&Sherry are independent of the project delivery team, including those involved in the construction, operation, delivery and design of the project.
3.2	Terms of Engagement	Pitt&Sherry confirms that it will meet the terms of engagement as per the ER Protocol. It is Pitt&Sherry's intention that Chris will be the ER until the completion of all relevant works required under the Development Consent.
3.3	Alternate ER	If required, Pitt&Sherry could potentially offer alternate candidate(s) for the ER is required in the future.

ATTACHMENT B – CURRICULUM VITAE

Christopher Jack



Senior Principal - Environment

Sydney New South Wales



Contact

Email: cjack@pittsh.com.au

Phone: (02) 9468 9318

Mobile: 0491 696 700

Qualifications & professional affiliations

- Bachelor of Science (Marine Biology and Zoology - Hons), James Cook University
- Post Grad Diploma of Environmental Studies, Macquarie University
- Master of Environmental Planning, Macquarie University
- Accredited with Dr Peter Sandman in Risk Communication Facilitation
- In-house advanced project management and business leadership courses with URS Corporation
- Founding Member of Environment Institute of Australia & New Zealand

Chris is a Principal Environmental Planner with over 30 years' experience including Technical and Project Director on a range of projects across numerous industry sectors. His experience includes projects approvals, feasibility studies, impact assessment, project risk assessment and management, environmental monitoring and compliance management.

He has prepared and provided expert evidence for the Land & Environment Court of NSW, and environmental impact assessments including Part 4.1 and 5 and 5.1 of the Environmental Planning and Assessment Act, 1979, liaison with regulators, stakeholder and community engagement, modifications to approvals, management plans including CEMPS and OEMPS, developing compliance programs, environmental audits and development of Environmental Management Systems.

Chris has been involved in major linear infrastructure projects from preparing planning approvals as Environmental Factors to State Significant Developments and Infrastructure. Chris recently was the Lead Environmental Interface for Reference Engineering design of the Snowy 2.0 project for Snowy Hydro. He also was one of the Technical Experts reviewing the adequacy of the EISs and associated CEMPs covering the NSW and Qld sections of ARTC's Inland Rail project. Chris has also prepared and reviewed many REFs and Construction and Operational Environmental Management Plans and sub plans for many projects including for TfNSW. Chris was also one of the Independent Environmental Auditors for Lane Cove Tunnel monitoring environmental compliance with development consent conditions.

Chris has strengths in the management of multi-disciplinary studies including in the infrastructure, water, waste, power generation and transmission, and resources sectors. Chris also has a wealth of international experience, having worked on projects throughout the Middle East, Asia/Pacific, S.E. Asia, South Asia, and sub-Saharan Africa.

Focus

- Environmental and Social Impact Assessment
- Communications and Stakeholder Consultation including risk communication strategies
- Development and implementation of EHSC (sustainability) systems, assurance processes and verification audits
- Corporate Sustainability Reporting

Project experience

Environmental Advisory/Audit

Independent Environmental Auditor, Lane Cove Tunnel Construction

- Chris was engaged to undertake an Independent Environmental Audit for the Lane Cove Tunnel while under construction by Thiess John Holland JV

Blue Mountains Catchment Sewerage Overflow Rectification Project

- Chris was seconded to Sydney Water to oversee the Consultants preparing the EIS for the upgrading and licensing of sewerage overflows in the Blue Mountains catchment

Snowy 2.0. Snowy Hydro Ltd

- Chris was the lead environmental technical advisor for the feasibility study for Snowy 2.0 project, a pumped hydro project being developed by the Snowy Hydro Ltd and lead environmental interface between the Snowy 2.0 SMEC Reference Design team and the team compiling the EIS for the early works component of the project.

Inland Rail Project. ARTC.

- Chris was a Technical Advisor for ARTC providing a technical and quality review role of Environmental Impact Statements and associated specialist environmental reports for the various sections of the Inland Rail project in NSW and Queensland. Inland Rail is a railway construction project extending from Melbourne to Acacia Ridge, Queensland along a route west of the mountainous Great Dividing Range. The railway will transport freight between Melbourne and Brisbane with an anticipated transit time of less than 24 hours.

QCLNG coal seam gas/LNG project

- Technical advisor for on-site environmental management team for the construction of the \$27 billion QCLNG coal seam gas/LNG project

Phulbari Coal Project, Bangladesh

- Chris was appointed Team Leader for independent environmental review of Phulbari Coal Project in Bangladesh against Equator Principles and relevant IFC and ADB standards and guidelines, for Barclays Capital

Environmental Affairs advisor. Western Australian Resources Pty Ltd

- Chris led the development of an EHS and project approvals strategy as an Environmental Affairs Advisor for a multi-million-dollar aquaculture project in Northern Australia

Pumped Hydro Energy Storage Projects. AGL

- Chris developed the environmental approval pathways and impact assessments process for numerous renewable energy pumped hydro energy storage projects for AGL in NSW and Victoria.

Coal Seam Gas Extraction Project. Sydney Gas/AGL

- Chris was an environmental expert witness for a NSW L&E Court case for proposed coal bed methane extraction and distribution project in the Sydney Basin for Sydney Gas Company.

Environmental Impact Assessments

Easing Sydney's Congestion Program. NSW Roads and Maritime Services.

- Chris was Project Director the environmental assessment (REFs) and associated community consultation for a number of ESC road upgrade projects across the Sydney metropolitan road network. This involved working with the engineering design team to ensure environmental issues were identified early in the design process to avoid impacts or that management / mitigation measures were incorporated during the construction phase. Rapid environmental assessments were also required to facilitate field geotechnical investigations that were required to inform the design process while still achieving project schedules.

North Orange Road By-pass Options Evaluation, Environmental Assessment and Community Consultation. Orange city Council

- Chris was Project Director for the Route Options Study and associated environmental impact assessment study for a proposed by-pass of the town of Orange, NSW. This project integrated extensive community consultation and government stakeholder consultation.

Nelson Bay Road Bypass Alignment Options Assessment and EIS. Port Stephens Shire Council

- Chris was Project Manager for the options assessment study and Environmental Impact Statement. This project involved developing and accessing options for the provision a road by-pass of the township of Nelsons Bay, NSW.

More Trains More Services, REFs for multiple Rail improvement projects across the Sydney metropolitan rail network. Transport for NSW.

- Chris was Project Director for Reviews of Environmental Factors to support numerous rail upgrade projects.

Site selection, ESIA, CEMPs and OEMPs for Coal Seam Gas to LNG Project, Gladstone, Qld. QCLNG (A BG Group Company).

- Chris led a large team of specialists (over 25 people) embedded within client's organisation. The key focus was to develop and implement the government approval process including undertaking environmental and social impact assessments for the US\$ 20+ billion coal seam gas to LNG project in Queensland, Australia. Government approvals were achieved in a record time for such a complex project and as a result the project went into full production on schedule in mid-2014. Chris also lead the team developing the overarching Construction phase EMPs and the Operational EMPs for the tender construction phase.

Eastlink NSW-Queensland interconnect transmission line. TransGrid

- Chris was project team leader for EIS for Eastlink NSW-Queensland interconnect transmission line. The Eastlink proposal would connect the Queensland electricity grid with that of the south-eastern states via a high voltage dual transmission line from Springdale near Gatton in Queensland, to Armidale in northern NSW.

Botany Groundwater Clean-up Project (EIS). Orica Pty Ltd.

- Chris was the Project Manager for the Project EIS and associated extensive stakeholder and community consultation program. Groundwater in Botany and nearby areas was contaminated by various chemicals after more than a century of industrial operations by multiple companies in the area, before the implementation of strict government regulated environmental controls. The Botany Groundwater Clean-up Project was a multi-action approach to contain the contaminated groundwater, prevent it from entering Botany Bay, and treat the contaminated groundwater for non-potable reuse.

Shoalhaven City Water Supply Augmentation: Stage 2B (EIS). Shoalhaven City Council

- Chris was Project Director for the options assessment study and Environmental Impact Assessment. This project involved developing and assessing options for the increasing the extraction of water from the Shoalhaven River downstream of Burrier to augment water supplies.

Tomaree Peninsula Sewerage Scheme (EIS). NSW Public Works/Port Stephens Shire Council

- Chris was Project Manager for the options assessment study and Environmental Impact Assessment. This project involved developing and accessing options for the provision of a reticulated sewerage scheme for the peninsula including a deep water sewage outfall.

Botany Groundwater Clean-up Project (EIS). Orica Pty Ltd.

- Chris was the Project Manager for the Project EIS and associated extensive stakeholder and community consultation program. Groundwater in Botany and nearby areas was contaminated by various chemicals after more than a century of industrial operations by multiple companies in the area, before the implementation of strict government regulated environmental controls. The Botany Groundwater Clean-up Project was a multi-action approach to contain the contaminated groundwater, prevent it from entering Botany Bay, and treat the contaminated groundwater for non-potable reuse.