

3 December 2021

Director of Resource Assessment
Department of Planning, Industry & Environment
12 Darcy Street Parramatta NSW 2150

Dear The Director of Resource Assessment,

RE: DA 165-7-2005 Haerses Road Quarry: Preparation and Update of Soil and Water Management Plan by a suitably qualified and experience person(s)

Project Environmental Services (PES) has been engaged by Dixon Sand (No.1) Pty Ltd to prepare and update the Haerses Road Quarry Soil and Water Management Plan following the recent Development Approval Modifications 3 and 4.

In accordance with **Condition 19(a) of Schedule 3 of DA 165-7-2005**, the Soil and Water Management Plan must be prepared by a suitably qualified and experienced person(s) approved by the Secretary.

PES would like to nominate the following personnel as the suitably qualified and experienced person(s) to prepare and update the Haerses Road Quarry Soil and Water Management Plan from hereon:

- 1) **Hunsamon (Hunny) Churcher** – Project Manager responsible for Management Plan preparation and update
- 2) **Christopher Churcher** – Project Director responsible for Management Plan final review

Please find attached the Circum Vitae for both nominated personnel outlining the relevant qualifications and experiences for the Department's consideration and approval.

If you wished to discuss any matter or require any clarification, please do not hesitate to contact me.

Yours Sincerely,



Hunny Churcher
Director - Environmental Consultant
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Hunsamon Churcher

ENVIRONMENTAL CONSULTANT

CONTACT

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KEY SECTORS

- Infrastructure – Road and Rail
- Utilities – Power, Water & Sewer
- Extractive – Mines and Quarries
- Tier 1, 2 and 3 Construction
- Local Government Approvals
- Laboratory Analysis

KEY SKILLS

- Environmental Compliance / Auditing
- Environmental Approvals
- Environmental Monitoring
- Environmental Management Systems
- Geospatial & Geotechnical Information Systems
- Bid Management

PROFILE

Hunny is a highly driven Environmental Professional with 11 years experience in the environmental and geotechnical industries in both the Government and Private sectors. She is equipped with strong skills in environmental compliance, auditing, approvals and monitoring, as well as geospatial and geotechnical information systems and bid management.

QUALIFICATIONS / TRAINING

Masters of Environmental Management (UNSW), 2015
Bachelor of Environmental Science (Hons) (UNSW), 2008
Erosion and Sediment Control Training
WHS Risk Management for Supervisors and Managers
Provide First Aid / Basic Emergency Life Support / Cardiopul. Resus.
Open Water Diving Certificate

PROFESSIONAL ENGAGEMENT

2016 - Current	Project Environmental Services Environmental Consultant
2014 – 2016	Onsite Environmental Management Environmental Scientist
2012	Roads and Maritime Services A/Environmental Officer
2009 – 2014	Roads and Maritime Services Geotechnical Information Officer
2009 – 2013	Roads and Maritime Services A/Contracts Manager
2007 – 2008	University of New South Wales Laboratory Technician and Researcher

APPLICATIONS & SOFTWARE

GIS Suites	gINT	Microsoft Office Suites
CAD Suites	MX	WindRose
Micro Station	MapInfo	

ENVIRONMENTAL COMPLIANCE, APPROVALS & MONITORING

DIXON SAND QUARRIES

The role involves the management of various quarries in the western Sydney region. Responsibilities focus on achieving compliance with both state and local development consents and EPA's Environment Protection Licences through day-to-day onsite management, reporting, monitoring and internal/external audits. Erosion and sediment control and environmental monitoring of groundwater, air quality and TEOM (static dust deposition and PM10), noise and weather are crucial parameters for compliance of this ecological sensitive project. Undertake internal auditing and reporting. Part of the role is to facilitate Community Consultative Committee meetings and liaison with agencies and stakeholders.

NORTH CONNEX (LEND LEASE BOYGUES JV)

Assisted the client in the preparation of staged Construction Environmental Management Plan (CEMP) and Sub-plans, Review of Environmental Factors (REFs), Environmental Work Method Statements (EWMS) and Environmental Work Permits (EWPs) for Early Works in compliance with RMS Contractor's Specifications.

TOURLE STREET DUPLICATION (WBHO MCILWAIN JV)

Assisted the client in the preparation of staged Construction Environmental Management Plan (CEMP) and Sub-plans in compliance with RMS Contractor's Specifications. Assisted in the facilitation of Project Environmental Risk Workshop.

GALSTON TO GLENORIE SEWER WORKS (COMDAIN)

Carried out environmental inspections and sampling for waste classification. Performed quantitative noise monitoring and assessment for non-standard construction hours activities. Preparation of Erosion and Sediment Control Plans (ESCPs) and Environmental Control Maps (ECMs). Preparation of REF Addendum for the removal of asbestos containing material.

BRINGELLY ROAD UPGRADE STAGE 1 (BMD CONSTRUCTION)

Undertake an air quality monitoring program for the Project to ensure compliance with REF and EPL requirements. Carried out Pre-Construction Land Condition Assessments (PCLCA) in compliance with RMS' G36 Specifications

CARDIFF WORKSHOP UPGRADE (DOWNER RAIL)

Compilation of CEMP and Waste and Contamination Sub-Plan. Provide the Project with advice on procedures for site contamination management and waste classification, re-use, recycling and disposal methodology in compliance with relevant legislative requirements.

NAMBUCCA HEADS TO URUNGA (LEND LEASE)

Assisted the Environmental Representative (ER) and Alternate ER on various Pacific Highway Upgrade Projects in reviewing and endorsing project documents e.g. CEMP and sub-plans, EWMS, SWMS and PESCPs.

WARRELL CREEK TO NAMBUCCA HEADS (PACIFICO)

Assisted in the preparation for Project audits e.g. preparation of compliance tracking program and non-conformance reports.

BANORA POINT (RMS, ABI GROUP, SYMOUR WHYTE AND SMEC ALLIANCE)

REVIEW OF ENVIRONMENTAL FACTORS

RICHARDSON ROAD, CAMPVALE

NELSON BAY ROAD, ANNA BAY

NELSON BAY ROAD, TAYLORS
BEACH

FREEMANS DRIVE, FREEMANS
WATERHOLE

LEGGETTS DRIVE, BRUNKERVILLE

● Preparation of REF to the satisfaction and approval of Roads and Maritime Services. Key tasks include:

- Relevant background desktop information searches for National, State and local environmental planning and government agencies' databases on contaminated lands, Acid Sulphate Soils, Aboriginal and Non-Aboriginal heritage, threatened fauna and flora and other site specific issues,
- Extensive site work for ground truthing,
- Communication Consultation
- Identification of environmental impacts and advised on appropriate mitigation measures in accordance with RMS specification and guidelines, and best management

BRINGELLY ROAD STAGE 1
(BMD CONSTRUCTION)

● Preparation of REF Addendum for an onsite concrete batch plant for the Project and undertaken a quantitative noise assessment.

SPATIAL & GEOTECHNICAL INFORMATION SYSTEMS

GEOTECHNICAL SCIENCE UNIT,
ASSET MAINTENANCE DIVISION
(RMS)

● Provision of technical support for geotechnical data and software administration including remote monitoring instruments.

Production of digital format geotechnical borehole logs, cross and long sections, plans, diagrams and models in 2D and 3D.

Assisted Geotechnical staff in environmental related issues including Minor Works REFs for planned geotechnical investigations and on-site environmental constraint management.

Co-ordinated and facilitated training for multidisciplinary staff, providing geotechnical training for RMS employees and contractors state- wide.

Maintenance of risk analysis database for RMS owned assets including slope and culvert registers.

Verification and quality control of deliverables submitted by contractors.

Establishment and site installation of data loggers.

Geotechnical monitoring of inclinometers and piezometers at sensitive sites.

CONTRACTS MANAGEMENT

GEOTECHNICAL SCIENCE &
ENGINEERING UNITS,
ASSET MAINTENANCE DIVISION
(RMS)

● Management of Construction Industry Contracts – Professional Services (PSC-CI) contracts and Small Works Contracts for engagement of external geotechnical services.

Coordination of external consultants, project managers and insurances for planned works.

Process claims for payment and invoices

Management of contract variations.

Christopher Churcher

ENVIRONMENTAL MANAGER

CONTACT

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QUALIFICATIONS

-) Masters of Environmental Management (UNSW)
 - o Environmental Law
 - o Biodiversity and Ecosystem Management
 - o Hazardous Waste Management
-) Bachelor of Science (Ecol) (UNSW)
-) Certified Professional in Erosion and Sediment Control (CPESC)

KEY SECTORS

-) Infrastructure – Road and Rail
-) Utilities – Power, Water & Sewer
-) Extractive – Mines and Quarries
-) Tier 1, 2 and 3 Construction

KEY SKILLS

-) Environmental Approvals
-) Bid Management
-) Environmental Management Systems and Management Plans
-) Environmental Monitoring
-) Environmental Compliance
-) Certified Professional in Erosion and Sediment Control (CPESC)

PROFILE

I am an environmental professional with over 12 years' experience in the environmental planning and delivery of major infrastructure projects. My career has involved all phases of project execution from concept development and planning and approvals through to engagement and project completion. I also have extensive experience in on-site management of environmental impacts, compliance reporting and project approval modifications. In addition, I have been involved with project bidding, corporate sustainability and business planning.

I have recently been involved in the management of numerous Projects with Roads and Maritime Services (RMS), Lend Lease, John Holland Group, ARTC, TfNSW, BMD, CMC, Acciona-Ferrovial and numerous smaller construction companies.

I specialise in environmental planning and approvals pathways and have prepared, managed and reviewed environmental impact assessments of various forms including Environmental Impact Assessments and Statements, Review of Environmental Factors and Statement of Environmental Effects for legislative approval. I have worked with all levels of approving bodies including Ministerial, Government and Public Authorities as well as regulatory departments such as EPA and Heritage and Environment Offices.

I have extensive experience working directly with Project teams and in the planning of large construction projects including West Connex, Western Sydney Airport, The Northern Road, Pacific Highway (Sections - Oxley Hwy to Kundabung, Warrell Creek to Nambucca Heads, Nambucca Heads to Urunga and Lisarow to Ourimbah) Hexham Relief Roads, Maitland to Minimbah Third Rail Project, Gosford Passing Loops, Newcastle Coal Infrastructure Project, Shellcove Station, Commonwealth Bank Campus, The Gauge Melbourne and Darling Walk.

PROFESSIONAL ENGAGEMENT

2016 – Current	Project Environmental Services Director
2017 – 2019	Lendlease Environmental Manager
2016 – 2017	Haslin Construction Environmental Manager
2013 – 2016	Onsite Environmental Management Environmental Lead (Contract Roles)
2011 – 2013	John Holland Group Environmental Officer
2008 – 2010	Bovis Lend Lease Sustainability Co-Ordinator



KEY PROJECTS

ENVIRONMENTAL MANAGER:
THE NORTHERN ROAD STAGE 3 UPGRADE
(LEND LEASE ENGINEERING,
2018-2019)

I held the role of Environmental Manager, answering to the Project Director for The Northern Road Stage 3 Project in Penrith, Sydney. My team and I managed the approvals, compliance and construction of a significantly environmentally challenging project. Due to the operational motorway, a large portion of the works are being undertaken at night. This places additional management and regulation on construction activities for impacts such as noise and vibration as well as stakeholder management and community engagement.

ENVIRONMENTAL MANAGER:
(LEND LEASE ENGINEERING,
2019)

I provided extensive input and review into tenders for Projects including Sydney Harbour Bridge Deck Upgrade (2019), Western Sydney Airport Bulk Earthworks and The Northern Road Stage 5. Professional inputs included the subjects of contamination, remediation, compliance and approvals, environmental system establishment and engagement of specialist services.

ENVIRONMENTAL MANAGER:
WESTCONNEX STAGE 3A
(LEND LEASE ENGINEERING,
2018)

As the Environmental Manager for the North Western section, I lead a team of 5 in the early phases of approvals management, contamination assessment and early works for WestConnex 3A. Key tasks included obtaining approvals for early works and the pricing and establishment of subcontractors and consultants for contamination assessment, test drilling, geotechnical investigations and site establishment.

ENVIRONMENTAL MANAGER:
THE NORTHERN ROAD UPGRADE STAGE 2
(LEND LEASE ENGINEERING,
2017-2018)

This linear road upgrade included the acquisition and modification of over 120 property parcels in order to facilitate the works. I worked in continuous communication and cooperation with the community liaison and property teams to provide advice and updates to all stakeholders including attending community information events, responses to complaints and enquiries and face to face communications as required. I also gained invaluable experience in the management of contamination and site remediation, achieving a site remediation solution that provided significant cost benefits for the client and contractor as well as best practice environmental outcomes. The Project involved the amalgamation of multiple environmental assessments and determined approvals into a single Project delivery team and as such, a complex compliance program. Project updates and modifications required the management of multiple addendum REF's and EPL variations during my time as the Environmental Manager.

ENVIRONMENTAL MANAGER:
NEWELL HIGHWAY TREWILGA UPGRADE
(HASLIN CONSTRUCTIONS 2016-2017)

My role was the Environmental Manager for the Newell Highway (Trewilga) Upgrade. The Project faced several key environmental challenges including widespread flooding in 2016 and significant design changes. The latter, required preparation of Addendum REF and assessments of significance for impacts to species listed under the EPBC Act (1999) and the TSC Act (1995), which I was able to complete in-house, along with modification to the Project EPL.

ALTERNATE ENVIRONMENTAL
REPRESENTATIVE:
NAMBUCCA HEADS TO URUNGA PACIFIC
HIGHWAY UPGRADE
(LEND LEASE, 2013-2016)

DPE approved alternate ER for the Nambucca Heads to Urunga Pacific Highway Upgrade Project. In this role, I provided independent environmental review of works, reporting and management plans, reporting directly to the Department of Planning & Environment and Roads and Maritime Services.

Regular tasks included;

ALTERNATE ENVIRONMENTAL
REPRESENTATIVE:
WARRELL CREEK TO NAMBUCCA HEADS
PACIFIC HIGHWAY UPGRADE
(PACIFICO, 2013-2016)

-) Undertake regular compliance audits and production of associated reports and documentation,
-) Conducting site inspections of environmental controls and compliance,
-) Endorsement of minor changes to Project Planning Documentation on behalf of the ER and Dept. of Planning, and
-) Review of environmental approval documents including consistency assessments, licences and reports, assessments of noise and vibration, assessments of significance and submissions relating to project changes and alterations.

**ENVIRONMENTAL CO-ORDINATOR:
OXLEY HIGHWAY TO KEMPSEY
(McCONNELL DOWELL / OHL JV,
JAN – JUN 2014)**

I was involved in the Oxley Highway to Kempsey Pacific Highway Upgrade Project. Contracted full-time to the Joint Venture, I undertook duties to directly assist the management of the project. Relevant undertakings included;

-) Provision of expert planning advice for removal of material off-site,
-) Testing of site waste and water materials for appropriate legal classification and disposal as required,
-) Regular site inspections as part of Environmental Review Group (ERG), and
-) Liaison with RMS staff and contractors for the preparation of site and approval documents including erosion and sedimentation control plans, consistency assessments, environmental reviews and relevant project approvals.

**ENVIRONMENTAL AND SUSTAINABILITY
MANAGER:
GOSFORD PASSING LOOPS
(DOWNER EDI, MAR 2013 – SEP 2014)**

For this project I was contracted as the full-time Environmental Manager. Engaged from the design phase, I provided technical support including project modifications and assessment and monitoring of potential environmental impacts. Key areas of expertise included:

-) Development of process and procedures to conduct monitoring and analysis for noise, vibration, dust and erosion and sediment control,
-) Production of environmental compliance audits and reports
-) Liaison with TfNSW as Downer Environmental Manager,
-) Conduct regular team meetings regarding approvals management for construction including Consistency Assessments, Environmental Protection Licence modification, Fisheries (NSW Office of Water) and Services and Local Authorities,
-) Liaison with community manager and TfNSW for community notifications, out of hours works and press releases, and
-) Co-ordination of consultants for specialist services including threatened species, soil treatments and contamination.

**ENVIRONMENTAL CONSULTANT:
BRINGELLY ROAD UPGRADE
(BMD, 2014 - 2016)**

Contracted to the Bringelly Road Upgrade Project, providing services to the client for compliance and management of environmental impacts. Relevant undertakings for the Project included;

-) Pre-construction land condition assessments,
-) Pre-clearing ecology survey,
-) Habitat survey and clearance,
-) Erosion and sedimentation control plans and advice,
-) Addendum REF preparation for project construction works, and
-) Production of consistency assessment documents.

**ASSISTANT ENVIRONMENTAL
REPRESENTATIVE:
HEXHAM RELIEF ROADS
(UHVA, 2014 - 2016)**

I played an active role in assisting the Approved ER during the delivery of the Hexham Relief Roads Project. In conducting work both on and off site, I utilised relevant industry experience for;

-) Review and auditing for compliance against monthly monitoring requirements contained within Project approval, Environmental Protection Licence and CEMP,
-) Conduct regular site inspections with the Approved ER and site team to identify environmental aspects, impacts and risks,
-) Review and make recommendation on site compliance documentation including monthly reports, assessments of consistency and planning documents, and
-) Production of monthly reports for review and endorsement by the Approved ER.

**ENVIRONMENTAL CONSULTANT:
M5 WEST WIDENING
(ABIGROUP, 2013)**

I provided ongoing support to the M5 Motorway expansion for production of Environmental approval documentation including ancillary facility assessments, consistency reviews and out of hours approvals. Supporting documents include noise impact assessments, site audits and monitoring reports.