



MOOREBANK  
INTERMODAL  
COMPANY

# Moorebank Intermodal Terminal Project Environmental Impact Statement

## Volume 2

October 2014



**PARSONS  
BRINCKERHOFF**



# Appendix A EIS Project team





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# **Appendix A**

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EIS Project team



## EIS Project Team

EIS Core Team	Name	Company	Qualifications	Key relevant experience
Project Manager	Anthea Sargeant	Parsons Brinckerhoff	BEng (Hons) Geological Engineering, RMIT University MBA Australian Graduate School of Management Member Environment Institute of Australia and New Zealand Member Institute of Engineers	<ul style="list-style-type: none"> <li>Channel Deepening Project, Supplementary Environmental Effects Statement (SEES), Vic, Port of Melbourne Corporation.</li> <li>Yorke Peninsula Wind Farm Environmental Impact Assessment, RePower, SA.</li> <li>Environmental Impact Assessment, Bunbury Port Berth 14 Development (2012), Perth, WA, Lanco.</li> <li>Craigieburn Train Maintenance Facility, Environmental Impact Assessment, Vic., Department of Transport.</li> <li>Environmental Impact Assessment following chemical discharge to Port Phillip Bay, Nylex Corporation, Vic.</li> </ul>
EIS Lead	Paul Greenhalgh	Parsons Brinckerhoff	BSc (Hons) Agricultural and Environmental Science (UK) MSc Town and Country Planning (UK) Member Environment Institute of Australia and New Zealand Member Planning Institute of Australia	<ul style="list-style-type: none"> <li>South West Rail Link Environmental Assessment (NSW) – NSW Transport Infrastructure Development Corporation Northern Sydney Freight Corridor EA – TfNSW.</li> <li>Hunters Hill Site Remediation Environmental Assessment (NSW) – SPA.</li> <li>Gosford Passing Loops Review of Environmental Factors (NSW) – TfNSW.</li> <li>Sydney Inner West Light Rail Extension Environmental Assessment (NSW) – TfNSW.</li> </ul>
EIS Author	Kathleen Bunting	Parsons Brinckerhoff	Master of Science (First Class Honours), University of Auckland Bachelor of Science, University of Auckland Diploma of Professional Writing (Editing and Proofreading), Australian College of Journalism	<ul style="list-style-type: none"> <li>South West Rail Link – Concept Plan and Environmental Assessment (Project Manager and Lead author), NSW Transport Infrastructure Development Corporation.</li> <li>North Strathfield Rail Underpass, Review of Environmental factors (Project Director), Transport for NSW.</li> <li>Pacific Highway Upgrade- Banora Point, Environmental Assessment (Environment Lead), Roads and Traffic Authority of NSW.</li> </ul>

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EIS Author	Delyth Toghill	Parsons Brinckerhoff	<p>BSc (Hons) Rural Environmental Science (UK)  MSc Environmental Geology (UK)</p> <p>Chartered Environmentalist (CEnv), UK Society for the Environment (registration number 6670)</p> <p>Member Environment Institute of Australia and New Zealand</p> <p>Member Institution of Environmental Sciences (UK)</p> <p>Member Institute of Environmental Management and Assessment (UK)</p>	<ul style="list-style-type: none"> <li>• Sydney CBD and South East Light Rail Project environmental assessment (NSW) – TfNSW.</li> <li>• Santos Future Gas Supply Area Project environmental assessment (Qld) – Santos GLNG.</li> <li>• Wallumbilla Gas Treatment Facility environmental assessment (Qld) – Santos GLNG.</li> <li>• Cornwall Council Local Transport Plan strategic environmental assessment (UK) – Cornwall County Council.</li> <li>• Severn Tidal Power Feasibility Study strategic environmental assessment (UK) – Department of Energy and Climate Change.</li> </ul>
EIS Author	Emma Lichkus	Parsons Brinckerhoff	<p>Bachelor of Planning (Hons), University of Auckland, Auckland</p>	<ul style="list-style-type: none"> <li>• Queensland Future Gas Supply Area Project draft Environmental Impact Statement (2012) Santos.</li> <li>• Gladstone liquefied natural gas (GLNG) field development (2012) Santos.</li> <li>• Carbonet Transportation Study (2011–2012) Department of Primary Industries.</li> <li>• Melton Feeder Environmental Assessment (2013) Powercor.</li> </ul>

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<b>Technical Specialists</b>				
Biodiversity	Alex Cockerill	Parsons Brinckerhoff	Bachelor of Science (Honours 1), University of Newcastle  Ecological Consultants Association of NSW: Member  NSW DECCW Accredited BioBanking Assessor (no. 0058)	<ul style="list-style-type: none"> <li>Hexham Relief Roads Ecological Assessment, Offset strategy, UHVA Alliance (2013), Hexham, NSW, Australia, ARTC.</li> <li>Nundah Bank Ecological Assessment, Offset strategy (2011), Singleton, NSW, Australia, ARTC.</li> <li>Epping to Thornleigh Third Track, Ecological Assessment, Offset strategy (2013–2014), Sydney, NSW, Australia, TfNSW.</li> <li>Tourle Street Bridge Ecological Assessment (2014), Newcastle, NSW, Australia, Roads and Maritime.</li> <li>Boggabri Coal Biodiversity Offset Strategy (2011), Boggabri, NSW, Australia, Hansen Bailey.</li> <li>Wye Rail Unloader Capacity Improvements Ecological Assessment (2013), Wye, NSW, Australia, Delta Electricity.</li> </ul>
Biodiversity	Paul Rossington	Parsons Brinckerhoff	Master of Wildlife Management (in completion), Macquarie University  Postgraduate Diploma of Wildlife Management, Macquarie University  Bachelor of Science, Macquarie University	<ul style="list-style-type: none"> <li>Upper Hunter Valley Alliance (ARTC) (2011–2012); Chilcotts Creek, Liverpool Range, Bells Gate &amp; Pages River passing loops ecological impact assessments.</li> <li>Bringelly Road Upgrade Ecological Assessment, (RTA) (2010–2011).</li> <li>Management Plan for Restoration and Rehabilitation of the Riparian Zone of Duck River in RailCorp managed lands at Clyde-Auburn, RailCorp (2010).</li> </ul>
Noise	Steven Walker	SLR	MSc University of Greenwich, UK  BSc University of Portsmouth, UK  Postgraduate Diploma Acoustics and Noise Control, IOA UK	<ul style="list-style-type: none"> <li>Wellington Power Station, NSW (ERM Power).</li> <li>Vales Point Power Station Noise Management Plan, NSW, Delta Electricity.</li> <li>Kerosene Vales Ash Repository Environmental Impact Assessment, Wallerawang Power Station, NSW, Delta Electricity.</li> </ul>

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Traffic	John Webster	Parsons Brinckerhoff	Master of Science, University of Cranfield Bachelor of Science (Honours), University of Leicester	<ul style="list-style-type: none"> <li>Glenfield Transport Interchange (2009–2011), Glenfield, NSW, Australia, Transport Infrastructure Development Corporation.</li> <li>Sydney Airports Airside Traffic Operations Study (2007–2008), Sydney, NSW, Australia, Sydney Airport Corporation.</li> </ul>
Hazards and Risk	Ainslie Just	Parsons Brinckerhoff	BSc, BE Hons (Chem), CEng, CPEng, CEnv, CSci, RPEQ (7133)	<ul style="list-style-type: none"> <li>South Sydney Freight Line Risk Assessment (2006), Sydney, NSW, Australia, Australian Rail Track Corporation.</li> <li>Risk Assessment: Ipswich Motorway Upgrade (2009), Dinmore to Goodna, Qld, Australia, Origin Alliance.</li> <li>Risk Assessment: Narangba Industrial Estate (2005–2006), Narangba, Qld, Australia, Pine Rivers Shire Council.</li> </ul>
Local Air Quality	Scott Fishwick	Environ Australia	BSc (Atmospheric Science)	<ul style="list-style-type: none"> <li>T4 Coal Terminal Project (NSW) – Port Waratah Coal Services.</li> <li>Cobbora Coal Project (NSW) – Cobbora Holding Company.</li> <li>Weipa Bauxite Mine (Qld) – Rio Tinto Alcan.</li> <li>Port Kembla Steelworks (NSW) – BlueScope Steel.</li> </ul>
Regional Air Quality	Aleks Todoroski	Todoroski Air Sciences	Bachelor of Engineering (Mech), Newcastle University	<ul style="list-style-type: none"> <li>State Rail Authority – St Mary’s intermodal terminal.</li> <li>Sydney Ports – Port Botany expansion, Enfield intermodal terminal, White Bay expansion.</li> <li>CRT Yennora – distribution centre.</li> <li>Mt Arthur North Antiene Rail Loop, Wambo Rail Loop.</li> </ul>

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Surface Water	Andrew Tipene	Parsons Brinckerhoff	Bachelor of Technology Environmental Engineering	<ul style="list-style-type: none"> <li>Central Coast Highway water and sewer pipeline realignment (2009), Gosford, NSW Australia, RTA.</li> <li>Cheltenham Reserve Stormwater Harvesting Scheme (2011) Vic., Australia, Bayside City Council.</li> <li>Cheltenham Salts (2010) town Concept drainage scheme and flood mitigation design, Vic., Australia, Cheltenham Salts.</li> </ul>
	Karen Brakell	Parsons Brinckerhoff	BEng (Civil and Environmental), University of Technology, Sydney  MEngSc (Water Resources and Hydrology), University of New South Wales  Diploma of Engineering Practice, University of Technology, Sydney  Member Engineers Australia	<ul style="list-style-type: none"> <li>Hexham Relief Roads Environmental Assessment (NSW), ARTC.</li> <li>Shell Cove Boat Harbour Environmental Assessment Review (NSW), NSW Department of Planning and Infrastructure.</li> <li>Hume Highway Bypasses, Tarcutta, Holbrook and Woomargama (NSW), Sydney, NSW, Australia, Roads and Traffic Authority.</li> </ul>
Greenhouse Gas	Aaron McKenzie	Parsons Brinckerhoff	Bachelor of Engineering (Honours) (Environmental)	<ul style="list-style-type: none"> <li>Cobbora Coal Project (2012), NSW Cobbora Holding Company Ltd.</li> <li>Wallumbilla Gas Treatment Facility (Qld), Santos.</li> <li>Kookaburra Gully (NSW), Lincoln Minerals Ltd.</li> </ul>
Contamination	Lisa Powell	Parsons Brinckerhoff	Master of Science (Environmental), University of the West of England, Bristol, UK  Bachelor of Science (Geography and Geology), University of Wales, Swansea, UK	<ul style="list-style-type: none"> <li>Penrith and Hoxton Park Field Support Centre (2010), Sydney, NSW, Australia, Integral Energy.</li> <li>Decommissioned Fuel Tank Farm Compounds (2007–2009), Various Locations, United Kingdom, BP UK.</li> <li>Active Aerospace Manufacturing Facility (2008), Bristol, United Kingdom, GKN (formerly BAE Systems).</li> </ul>

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European Heritage and Aboriginal Heritage	Nicola Hayes	Navin Officer Heritage Consultants	BA/BSc, Grad Dip Arts (Archaeology)	<ul style="list-style-type: none"> <li>• Foxground and Berry bypass, Aboriginal Cultural Heritage Assessment (2012) – AECOM/RMS.</li> <li>• Heritage and Environment Management Plan (HEMP) South Jervis Bay, NSW, Indigenous Heritage Component (2006) – Godden Mackay Logan.</li> <li>• Cultural Heritage Assessment of Proposed Commercial Facility Area at East Boyd Bay, NSW. Cultural Heritage Component of Statement of Environmental Effects (2003).</li> <li>• URS Australia Pty Ltd.</li> </ul>
	Rebecca Parkes		BA Hons, PhD	
	Kelvin Officer		BA Hons, PhD	
Visual Impact Assessment	Matthew Knight	Clouston Associates	BSc, MA Landscape Architecture, CMLI (Chartered member of the landscape institute UK)	<ul style="list-style-type: none"> <li>• Crookwell Bridge Replacement LCVIA – PB.</li> <li>• Orange Drought Relief Pipeline – GHD.</li> <li>• Deadman’s Creek Bridge Replacement – PB.</li> </ul>
Light Spill Assessment	Timothy Shotbolt	AECOM	<p>Master of Building Science, Sydney University, 1989, inclusive of Illumination Diploma</p> <p>Currently undertaking PhD – ‘Developing ‘Finger Print’ Profiles of Light Spill from Existing and Proposed Developments for Environmental Impact Assessment with a Focus on Fauna’</p> <p>LFIES – Life Fellow of the Illuminating Engineering Society of Australia and New Zealand</p>	<ul style="list-style-type: none"> <li>• Botany Bay 3rd Container Terminal EIS (client Sydney Ports).</li> <li>• Gove Peninsula EIS, NT (client - URS Australia).</li> <li>• Port Hedland Lighting Assessment for EIS (client SKM for BHP Billiton Iron Ore).</li> <li>• Cape Lambert Lighting Assessment for EIS (client Rio Tinto).</li> </ul>

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Social Impact Assessment	Stephanie Luyks	Parsons Brinckerhoff	BA Communication (completed) Masters of Social Work (current) Member International Association of Impact Assessment Member International Association of Public Participation	<ul style="list-style-type: none"> <li>• South West Rail Link Social Impact Assessment (NSW) – Transport for NSW formally Transport Infrastructure Development Corporation.</li> <li>• Southern Sydney Freight Line Community Engagement – Australian Rail Track Corporation</li> <li>• Ceres Wind Farm Development Application Social Impact Assessment (2012), Yorke Peninsula, SA, Australia, Repower.</li> <li>• Pacific Highway Upgrade: Kempsey to Eungai – Socioeconomic Assessment.</li> <li>• South Road Planning Study: Regency Road to Anzac Highway (2011–2012), Adelaide, SA, Australia, Department for Transport Energy and Infrastructure.</li> </ul>
Health Impact Assessment	Jackie Wright	Environmental Risk Sciences	BE (Hons) Sydney University	<ul style="list-style-type: none"> <li>• Health Impact Assessment (HIA) completed for the Hexachlorobenzene (HCB) Waste Destruction Facility Project, Orica.</li> <li>• HIA Long-Term Containment Facility Rural Victoria.</li> </ul>