

# Appendix D

## Study team



Making Water Work





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Appendix D Study Team

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### Environmental impact assessment team

Role	Key Personnel	Qualifications	Experience	Company
Project Director	Lesley Morris	BA (URP)	29 years in planning, infrastructure development and approvals	Sinclair Knight Merz
Project Manager	Robert Tilbury	B. App Sc. M. App Sc. Zoology	15 years in natural resource surveys, impact assessments, ecological monitoring and environmental planning and management.	Sinclair Knight Merz
Introduction, Legislation and Approvals	Robert Tilbury	B. App Sc. M. App Sc. Zoology	15 years in natural resource surveys, impact assessments, ecological monitoring and environmental planning and management.	Sinclair Knight Merz
Climate and Natural Disasters	Niall Carey	B. Chem Eng. M Env Eng.	5 yrs in Climate and Natural Disasters.	Sinclair Knight Merz
Land Use and Infrastructure	Gavin Elphinstone	B. Urban and Regional Planning (Hons). Grad Dip (Urban & Regional Planning)	16 years in land use planning and environmental impact assessment	Sinclair Knight Merz
Geomorphology	Dr Andy Markham	B. Sc. Hons. (Env.Sc.) Ph.D	18 years in hydrological and geomorphological impact assessment.	Hydrobiology Pty Ltd
Geomorphology	Dr Ben Pearson	B. App. Sc. Hons. (Env. Mgmt)	7 years in fluvial geomorphological assessment 1½ years in consultancy	Hydrobiology Pty Ltd
Geology, Soils	Peter Jell	B. Sc. (Hons. 1), Geology. Ph.D. Geology	30 years in Geology and soils.	Sinclair Knight Merz
Landscape Character and Visual Amenity	Tyson Croll	B. Urban and Environmental Planning and Grad Dip (App. Sc Horticulture)	3 years in visual assessment in environmental impact assessment and landscape assessments	Sinclair Knight Merz
Land Contamination	Jeremy Wicks	B. Eng (Environmental)	14 years experience as an environmental engineer specialising in contaminated land, auditing and environmental assessments.	Sinclair Knight Merz
Land Contamination	Megan McLeod	B.Sc (Earth Sc and Hydrogeology)	3 years experience in environmental site assessments, soil and groundwater assessments.	Sinclair Knight Merz
Hydrology	Shannon Dooland	B. Eng	8 years experience in	Sinclair Knight Merz

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		(Civil/Environmental) (Hons)	hydrologic investigations, yield reviews, assessments and modelling	
Hydrology	Nicola Logan	B. Sc (Env. Sc).	5 years hydrologic assessment and modelling and water resource assessments.	Sinclair Knight Merz
Groundwater	Martin Robinson	B.Sc (Geology); Dip. (Business Mgmt. Dip Accounting. RPGeo.	20 years specialising in groundwater	Sinclair Knight Merz
Groundwater	Kavita Chand	B.Sc (Geoscience)	3 years groundwater monitoring and assessment.	Sinclair Knight Merz
Water Quality	Mark Renfree	B.Sc. (Hons.) Marine Biology and Zoology.	5 years water quality and freshwater ecology.	Sinclair Knight Merz
Terrestrial Ecology	Jason Richard	B. App. Sc. (Env. Sc.). M Wildlife & habitat Mgmt.	13 years in Terrestrial flora and fauna surveys and assessments.	Sinclair Knight Merz
Terrestrial Fauna	Terry Reis	B. Sc (Hons) (Australian Environmental Studies)	More than thirty years of field experience and 12 years of professional ecological survey and research experience.	Biodiversity Assessment and Management (BAAM) Pty Ltd
Terrestrial Fauna	Brett Taylor	B. Sc (Hons) (Australian Environmental Studies)	8 years of professional ecological survey and research experience.	Biodiversity Assessment and Management (BAAM) Pty Ltd
Terrestrial Flora	David Stanton	BSc(Hons 1)	16 years in natural resource assessment (vegetation and geology).	3D Environmental
Terrestrial Flora	David Fell	Assoc. Dip. Applied Science	27 years in terrestrial flora survey.	3D Environmental
Aquatic Ecology	John Thorogood	M. Sc.	23 years experience in aquatic environmental assessments management planning and monitoring.	FRC Environmental
Aquatic Ecology	Lauren Thorburn	B. Sc. (Hons. 1)	6 years in environmental impact assessment and aquatic ecological studies	FRC Environmental
Matters of National Environmental Significance	Hunter Brownscombe	B. Sc. (For); M. Env. Mgmt; MEIANZ	21 years in natural resource management, impact assessment and ecological surveys	Sinclair Knight Merz
Noise and Vibration	Jackson Yu	M. Env. Sc. (Env Eng). B. Env Eng.	10 years specialising in noise and vibration,	Sinclair Knight Merz
Noise and Vibration	Joseph Lee	B. Eng (Mechatronics). B. Comm (Acc)	3 years experience in noise modelling and assessments.	Sinclair Knight Merz
Air Quality	Niall Carey	B. Chem Eng. M Env Eng.	5 yrs in air quality assessments, studies, approvals and greenhouse gases.	Sinclair Knight Merz

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Air Quality	Jonathon Mape	BSc (Hons) Env Sc MSc Env Monitoring.	5 years in air quality impacts and assessments, approvals and greenhouse emissions.	Sinclair Knight Merz
Waste Management	Megan McLeod	B.Sc (Earth Sc and Hydrogeology)	3 years experience in environmental site assessments, soil and groundwater assessments.	Sinclair Knight Merz
Transport and Roads	Dana Geaboc	B. Eng (Railway Transportation)	18 years experience in traffic and transport engineering, modelling and analysis.	Sinclair Knight Merz
Transport and Roads	Perci Barnes	B. Eng. (Civil)	7 years experience in transport planning, modelling and traffic impact assessment.	Sinclair Knight Merz
Cultural Heritage	Liz Hatte	B.A (Classics and Anthropology) U of Q. B. Ed and M.A Equiv. (Archaeology) LaTrobe	20 years in cultural heritage surveys, impact assessments, monitoring and cultural heritage planning and management	Northern Archaeology Consultancies Pty Ltd
Cultural Heritage	Penny Cook	B.A. (History and Politics), UWA	25 years in historic heritage management with the National Trust (N.T. and Qld) and Queensland Government)	Northern Archaeology Consultancies Pty Ltd
Social	Nicole Sommerville	A Dip Blt Env(Arch), BPlanning (Hons 1), Grad Cert (Legal St)	14 years experience in planning, including social and environmental planning	Sinclair Knight Merz
Economics	Daniel Besley	B. Comm (Eco) B. Sc (Env Sc). M Env	7 years experience in water economics.	Sinclair Knight Merz
Hazard, Safety and Risk	Chris Beale	B.Eng (Mech)(Hons), Grad.Cert. Risk Mgt, MBA	19 years in Risk Management	Sinclair Knight Merz
Cumulative Impacts	Robert Tilbury	B. App Sc. M. App Sc. Zoology	15 years in natural resource surveys, impact assessments, ecological monitoring and environmental planning and management.	Sinclair Knight Merz
Environmental Management Plan	Megan McLeod	B.Sc (Earth Sc and Hydrogeology)	3 years experience in environmental site assessments, and environmental management plans	Sinclair Knight Merz
Community Consultation	Damien Jones	M. Bus Comm. B. Arts Org Psych.	12 years experience in communication and consultation	Sinclair Knight Merz
Community	Mary-Ellen	B. Bus (Marketing). B	10 years working as a	Sinclair Knight Merz

Role	Key Personnel	Qualifications	Experience	Company
Consultation	Catchpole	App Sc. (Human Movements). Cert (Marketing).	communications specialist. Specialising in community engagement and consultation	
GIS and Graphics	Lia Viljoen	B. Env Mgmt B. Sc (GIS)	5 years experience in spatial analysis, data management and GIS mapping.	Sinclair Knight Merz

#### SunWater management and design team

Role	Key Personnel	Qualifications	Experience	Company
Project Manager	Sean Fleming	BE, Reg PM	10 years experience in planning and engineering investigation project management	SunWater Limited
Environmental coordinator	Lee Benson	PhD, BSc	28 years experience in aquatic science, water resource management and impact assessment	Ecology Management Pty Ltd
Design Manager	Russell Paton	BE, RPEQ, CPEng	13 years experience in planning and engineering investigation project management.	SunWater Limited
Pipeline Design	Mark Lepper	BE, RPEQ, BBus	26 years experience in water reticulation system analysis, design and development.	SunWater Limited
Dam Design	David Ryan	BE (Civil), Grad. Dip. Comp. Sci. RPEQ	27 plus years experience in all aspects of major civil works associated with the water supply industry.	SunWater Limited
Project Legal	Sophie Hoffmann	LLB (Hons) BSc (Environmental Science)	8 years experience in planning and environment law.	SunWater Limited
Engineering Hydrology	Rob Ayre	BE, RPEQ	26 years experience in surface water hydrology and hydraulics modelling.	SunWater Limited
Yield Hydrology	Suzanne Burow	BE, MEM	15 years experience in surface water hydrology and hydraulic modelling.	SunWater Limited
Communications	Olga Kakourakis	B Bus	14 years experience in corporate communication and community consultation.	SunWater Limited
Peer review	Dave Houghton	B Natural Resource Management CenvP	Over 25 years experience in land management and impact assessment	Houghton Environmental Management Pty Ltd