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**Gas Field Development Project
Environmental Impact Statement**

Appendix E – Study team

1 Study team

Presented in Table 1-1 and Table 1-2 below are the respective project and study teams from Santos GLNG (proponent), URS Australia and specialist consultants that contributed to the collaboration, review and preparation of the GLNG Gas Field Development (GFD) Project environment impact statement (EIS).

Table 1-1 Project management team

Team member	Organisation	Role	Qualifications and years' experience
Paul Wybrew	Santos GLNG	Team Leader – Environmental Assessments	BSc – 13 years
Greg Harris	Santos GLNG	Senior Technical Advisor - Subsurface	BSc (Hons) – 30 years
Roger Kennett	Santos	Chief Operations Manager	BASc – 30 years
John Phalen	Santos GLNG	Manager, Social Performance	MBA – 20 years
Angela Ogier	Santos GLNG	Supply Planning and Optimisation Manager	BE (civil) ME (Resource),MBA – 15 years
Haydn Kreicbergs	Santos GLNG	Cultural Heritage and Aboriginal Engagement Manager	BA - 10 years
Glenn Toogood	Santos	Water Management Leader	BAGeo – 14 years
Ern Cottman	Santos GLNG	Senior Advisor Traffic and Transport	BE (civil) – 42 years
Richard Baldock	Santos GLNG	Corporate Lawyer	LLB (Hons), LLM – 18 years
David Shankey	Santos GLNG	Senior Environmental Advisor	LLB - 5 years
Sarah Connelly	Santos GLNG	Environmental Advisor	BSc (hons), M.Sc – 8 years
Jade Storey	Santos GLNG	Environmental Advisor	BSc – 7 years
Claire Whitehill	Santos GLNG	Environmental Advisor	BEnvSci – 9 years
Andrea Horsburgh	Santos GLNG	Social Performance Advisor	BSc – 6 years
Chris Pigott	URS	Project Director	BE, MUS, FIEAust – 35 years
Rob Storrs	URS	Project Manager	BEnvSci – 19 years
Elisha Keighley	URS	Assistant Project Manager Chapter Author	BE – 11 years
Emma Walker	URS	Assistant Project Manager	BSc, MSc – 11 years
Chris Todd	URS	Chapter Author	BSc – 10 years
Aries Milay	URS	Chapter Author	BSc – 12 years
Natalie Gardner	URS	Chapter Author Technical Editor	BA, GCComRel – 5 years

Table 1-2 Study team

Section/ Appendix number	Section/ Appendix name	Study lead	Organisation	Qualifications and years' experience
EIS Sections				
0	Executive summary	Chris Pigott Natalie Gardner	URS	BE, MUS, FIEAust – 35 years BA, GCComRel – 5 years
1	Introduction	Elisha Keighley	URS	BE – 11 years
2	Project approvals	Elisha Keighley	URS	BE – 11 years
3	Natural gas from coal seams	Elisha Keighley	URS	BE – 11 years
4	Project description	Elisha Keighley	URS	BE – 11 years
5	Assessment methodology	Rob Storrs	URS	BEnvSci – 19 years
6	Management framework	Elisha Keighley	URS	BE – 11 years
7	Climate and climate change	Stuart Bennett	URS	BSc, MSc – 14 years
8	Land use and tenure	Allan Reid	URS	B RTP, Grad Dip EnvSci – 26 years
9	Land resources	Mark Stewart Brent Forbes Janelle Kuter	URS URS URS	BSc – 21 years BSc, ME – 15 years BAppSci – 8 years
10	Landscape and visual amenity	John van Pelt	JVP	BSc, GradDip – 30 years
11	Traffic and transport	John Peace	Cardno	AssDegCivEng – 18 years
12	Waste management	Elisha Keighley	URS	BE – 11 years
13	Surface water	Dr. Adrian Zammit Jess Grinter	URS URS	BSc, MBA, PhD – 23 years BSc – 8 years
14	Groundwater	Louisa Rochford	Parsons Brinckerhoff	BEnvSc(Hons), MSc – 12 years
15	Air quality	Kirsten Lawrence	SLR Consulting	BE – 21 years
16	Greenhouse gases	Fiona Hancock Jeremy Rudston	Santos Santos	BEng – 10 years BSc Eng, M. Sc Energy and Resources – 4 years
17	Noise and vibration	Henrik Malker	SLR Consulting	MSc, ISVREng – 14 years
18	Terrestrial ecology	Jane Stark	Aurecon	BEnvnSc(Hons)/ BBus – 9 years
19	Aquatic ecology	David Fuller	URS	BSc, MBA, MEd, 30 years
20	Cultural heritage	Ben Gall	Converge	BA History Comms, BDES.St (Hons) 12 years
21	Social	Pat Vidler	URS	MA Rural Development, MSC Environmental Engineering, B. Engineering – 26 years

Section/ Appendix number	Section/ Appendix name	Study lead	Organisation	Qualifications and years' experience
22	Economics	Dr. Bob Scealy	Deloitte	BMath/BCompSci, PhD – 7.5 years
23	Health and safety	Emma Walker	URS	BSc, MSc – 11 years
24	Preliminary hazard and risk	Giles Peach	Sherpa	BEng – 21 years
25	Decommissioning and rehabilitation	Brent Forbes	URS	BSc, ME – 15 years
26	Cumulative impacts	Emma Walker	URS	BSc, MSc – 11 years
27	Conclusions and recommendations	Rob Storrs	URS	BEnvSci – 19 years
28	References	Natalie Gardner	URS	BA, GComRel – 5 years
29	Glossary and abbreviations	Natalie Gardner	URS	BA, GComRel – 5 years
Appendices				
A	Final Terms of Reference	N/A	N/A	N/A
B	Terms of Reference cross-reference	Amber Cripps	URS	BEnvMan – 4 years
C	Regulatory approvals	Damian Delmanowicz	URS	GDip, BBEtENV – 11 years
D	Consultation report	Andrea Horsburgh	Santos GLNG	BSc – 6 years
E	Study team	Rob Storrs	URS	BEnvSci – 19 years
F	Proponent commitments	Rob Storrs	URS	BEnvSci – 19 years
G	Corporate environmental policy	N/A	N/A	N/A
H	Ecologically sustainable development	Elisha Keighley	URS	BE – 11 years
I	Climate, natural hazards and climate change	Stuart Bennett	URS	BSc, MSc – 14 years
J	Land use and tenure	Allan Reid	URS	B RTP, GDipEnv – 28 years
K	Land resources	Mark Stewart Brent Forbes Janelle Kuter	URS URS URS	BSc – 21 years BSc, ME – 15 years BAppSci – 8 years
L	Landscape and visual amenity	John van Pelt	JVP	BSc, GradDip – 30 years
M	Traffic and transport	John Peace	Cardno	AssDegCivEng – 18 years
N	Surface water	Adrian Zammit Jess Grinter	URS URS	BSc, MBA, PhD – 23 years BSc – 8 years

Section/ Appendix number	Section/ Appendix name	Study lead	Organisation	Qualifications and years' experience
O	Groundwater	Louisa Rochford Dr. Stuart Brown	Parsons Brinckerhoff Parsons Brinckerhoff	BEnvSc(Hons), MSc – 12 years BSc(Hons), MSc, MBA, PhD – 21 years
P	Air quality	Kirsten Lawrence	SLR Consulting	BE – 21 years
Q	Noise and vibration	Henrik Malker	SLR Consulting	MSc, ISVREng – 14 years
R	Terrestrial ecology	Dr. Chris Schell Jane Stark Stephen Cole Kellie Butler	Aurecon Aurecon Aurecon Aurecon	PhD, BAppSc (Hons), CEnvP 14 years BEnvnSc(Hons)/ BBus – 9 years BSc, Master of Urban & Regional Planning- 28 years BSc Env - 5 years
S	Aquatic ecology	David Fuller	URS	BSc, MBA, MEd, 30 years
T	Non-indigenous cultural heritage	Ben Gall	Converge	BA History Comms, BDES.St (Hons) 12 years
U1	MNES ecology	Dr. Chris Schell Jane Stark Stephen Cole Kellie Butler	Aurecon Aurecon Aurecon Aurecon	PhD, BAppSc (Hons), CEnvP 14 years BEnvnSc(Hons)/ BBus – 9 years BSc, Master of Urban & Regional Planning- 28 years BSc Env - 5 years
U2	MNES water	Aries Milay Rob Storrs	URS URS	BSc – 12 years BEnvSci – 19 years
V	Social	Pat Vidler	URS	MA Rural Development, MSC Environmental Engineering, B. Engineering – 26 years
W	Economics	Dr. Bob Scealy	Deloitte	BMath/BCompSci, PhD – 7.5 years
X	Hazard and risk	Giles Peach	Sherpa	BEng – 21 years
Y	Draft environmental management plan	Beth Hasse Aries Milay	EHS Support URS	BS. Environmental Studies and Economics, M.Sc Environmental Science & Management – 8 years BSc – 12 years
Z	Coal seam water management	Paul Wybrew	Santos GLNG	BSc – 13 years
AA	Land access	Shaun McTeigue	Santos GLNG	5 years
AB	Offset strategy	Mitch Bird	Santos GLNG	BSc – 8 years

Section/ Appendix number	Section/ Appendix name	Study lead	Organisation	Qualifications and years' experience
AC	Social issues action plans	Andrea Horsburgh John Phalen	Santos GLNG Santos GLNG	BSc – 6 years MBA – 20+ years Grad Cert Project Management Grad Cert SIA
AD	Plan of operations	Dan Kahle	Santos GLNG	BEng (Environmental) – 8 years
AE	Water resource management plan	Adrian Zammit Jess Grinter	URS URS	BSc, MBA, PhD – 23 years BSc – 8 years