

## Appendix 19: SER Contributors – Qualifications and Experience

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SER Element	Key Roles	Organisation	Name	Qualifications	Experience (years)
SER Project Management	Barossa HSE Manager	Santos	Nick Phillips	BSc, MBA, MSc (OH&S)	20
	DPD Project Environmental Lead	Santos	Dr Lachlan MacArthur	BSc (Hons), PhD (Marine Ecology)	20
	DPD Project Consultation Lead	Santos	Mike Marren	BA (Journalism)	25
	SER Project Management	CDM-Smith	Lauren Elvidge	BSci (Marine Management), PostGradDip (EIA)	11
	SER Project Management	CDM-Smith	Julia Curran	BSc (Marine Management), PostGradDip (Env Manage)	15
SER Chapters	Author/Reviewer	Santos	Dr Lachlan MacArthur	BSc (Hons), PhD (Marine Ecology)	20
	Author/Reviewer	Santos	Mike Marren	BA (Journalism)	25
	Reviewer	Santos	Ben Haslam	BEng, MSc (Marine Technology)	25
	Reviewer	Santos	Andrew Lindsay	BSc (Microbiol/Biochem), BEng (Chemical Engineering)	30
	Reviewer	Santos	Peter Ivceovich	BEng (Mechanical Engineering)	20
	Reviewer	Santos	Xander van Beusekom	MIEAust, MSc (Engineering Geology)	20
	Author/Reviewer	Santos	Simon Golding	BEng(Hons)(Mechanical Engineering), CPEng	15
	Author	CDM-Smith	Lauren Elvidge	BSci (Marine Management),PostGradDip (EIA)	11
	Author	CDM-Smith	Dr Brenton Chatfield	BSc(Hons), GradDip(GIS, Aquaculture), PhD (Mar Sci)	20
	Author	CDM-Smith	Scott Mainey	BUEP	9
	Author	CDM-Smith	Julia Curran	BSc (Marine Management), PostGradDip (Env Manage)	15
	Author	CDM-Smith	Juliano Miranda	BSEP, BITBA	8
	Author	CDM-Smith	Linda Kirchner	BSc (Geology), GradDipEnvSc	36
	Author	CDM-Smith	John Herron	BAppSc, MEM	22
	Reviewer	ERIAS	Greg Terrens	BSc, MSc (Environmental Science)	30+
	Reviewer	Morgan Consultants	Ceri Morgan	BSc (Hons) (Environmental Science)	30
	Author/Reviewer	Xodus	Matthew Holding	BSc (Env Biology), GradCert (OHS)	15
	Reviewer	Xodus	Petrina Raitt	BSc (Environmental)	25
Author	Xodus	Shaun Huxtable	BSc(Environ. Mgmt / Biol. Sci. MBA (Adv.)	12	
	Modelling, analysis, reporting	RPS	Nuala Page	BEng (Env. Eng.), BCom (GenMgt HRMgt)	18

Sediment Dispersion Modelling Report	Modelling review, analysis, reporting	RPS	Dr David Wright	MSci (Physics), PhD (Marine Optics and Remote Sensing)	16
	Reviewer	AIMS	Dr Hemerson Tonin	BSc, MSc, PhD (Physical Oceanography)	25
Treated Seawater Discharge Modelling Report	Project manager and lead modelling	RPS	Dr Sasha Zigic	BEng (Civil), PhD (Environmental Engineering)	25
	Analysis and reporting	RPS	Dr Ryan Dunn	BEnvSc, PhD (Environmental Science)	13
	Post processing and analysis	RPS	Wayne Lin	BEngSc, Masters (Engineering Science)	10
	Rebecca McGrath	RPS	Rebecca McGrath	BEng (Environmental Engineering)	20+
Pipeline Benthic Survey Report	Author	RPS	Axel Werner	BSc, MSc (Marine Science)	4
	Author	RPS	Natalie Robson	BSc (Marine Science)	5
	Author/Reviewer	RPS	Dr Garnet Hooper	BSc, MSc, PhD (Marine Benthic Ecology)	20+
	Reviewer	RPS	Jeremy Fitzpatrick	BSc (Zoology and Botany)	30+
	Reviewer	RPS	Dr Katharine Thorne	MEarth Sci, MSc, PhD (Oceanography)	12
Traffic Impact Assessment	Project Manager	AECOM	Anwar Sayed	BEng, MSc (Civil Engineering), CPEng, RPEQ, RPEV	20
	Lead Author	AECOM	William Chen	BSc, MEng (Civil/Business)	5
	Author	AECOM	April Alcock	BEng (Hons) (Civil)	2
	Reviewer	AECOM	James Jentz	BEng (Civil) Grad Dip (Mun Eng )	30+
Darwin Harbour Lighting Technical Note	Lead Author	Pendoley Environmental	Dr Kellie Pendoley	BSc, MSc, PhD (Biology)	35+
Maritime Archaeology Heritage Assessment	Lead Author	Cosmos Archaeology	Connor McBrian	GradDip (Maritime Archaeology)	5
	Author	Cosmos Archaeology	Caroline Wilby	BA(Hons) (Archaeology)	20+
	Reviewer	Cosmos Archaeology	Cosmos Coreonos	GradDip (Maritime Archaeology)	30+
Underwater Noise Modelling Assessment	Author/Reviewer	Talis consultants	Granger Bennett	B.Eng Elec. Eng. MSc Elec Eng, MSc Eng Acoustics	30+
	Author/Reviewer	Talis consultants	Luke Adams	Bachelor of Science (BSc)	15+
	Author/Reviewer	Talis consultants	Renzo Karsdorp	Bachelor of Information Technology (BIT)	12+
	Author/Reviewer	Talis consultants	Phil Lucas	Bachelor of Technology (BTech)	35+
	Reviewer	RPS	Dr Jeremy Colman	BSc, PhD (Marine Ecology)	30+
Underwater Noise Modelling	Lead Author/ Modeller	JASCO Applied Sciences	Dr Steven Connell	BSPHy, PhD	2

Assessment - Rock Breaking	Reviewer/ QAQC	JASCO Applied Sciences	Dr Matthew Koessler	BSc(Hons), PhD	5+
	Reviewer/ Project Manager	JASCO Applied Sciences	Craig McPherson	BEng(Hons)	15+
Hydrocarbon Spill Modelling	Project manager and lead modelling	RPS	Dr Sasha Zigic	BEng (Civil), PhD (Environmental Engineering)	25
	Analysis and reporting	RPS	Dr Ryan Dunn	BEnvSc, PhD (Environmental Science)	13
	Post processing and analysis	RPS	Wayne Lin	BEngSc, Masters (Engineering Science)	10
	Reviewer	RPS	Rebecca McGrath	BEng (Environmental Engineering)	20+
Stakeholder Engagement Plan	Author	Santos	Mike Marren	BA (Journalism)	25
Offshore Construction Environmental Management Plan	Author	RPS	Samuel Billingham	BSc (Mar. Sci.e & Analytical Chem.), Msc (Mar. Sci.)	3
	Author	RPS	Axel Werner	BSc, MSc (Marine Science)	4
	Reviewer	RPS	Dr Katharine Thorne	MEarth Sci, MSc, PhD (Oceanography)	12
	Reviewer	RPS	Rebecca McGrath	BEng (Environmental Engineering)	20+
	Reviewer	RPS	Pennie Ginn	BSc (Conservation Biology)	12
	Reviewer	Santos	Dr Lachlan MacArthur	BSc (Hons), PhD (Marine Ecology)	20
	Reviewer	Santos	Ben Haslam	BEng, MSc (Marine Technology)	25
	Reviewer	Santos	Andrew Lindsay	BSc (Microbiol/Biochem), BEng (Chemical Engineering)	30
	Reviewer	Santos	Peter Ivceovich	BEng (Mechanical Engineering)	20
	Reviewer	Santos	Xander van Beusekom	MIEAust, MSc (Engineering Geology)	20
	Reviewer	ERIAS	Greg Terrens	BSc, MSc (Environmental Science)	30+
Onshore Construction Environmental Management Plan	Reviewer	Morgan Consultants	Ceri Morgan	BSc (Hons) (Environmental Science)	30
	Author	RPS	Margaret McCormack	Bsc Hons (Environmental Engineering)	5
	Author	RPS	Pennie Ginn	BSc (Conservation Biology)	12
	Author	RPS	Axel Werner	BSc, MSc (Marine Science)	4
	Reviewer	RPS	Dr Katharine Thorne	MEarth Sci, MSc, PhD (Oceanography)	12
	Reviewer	RPS	Giles Glasson	BSc (Env), PostGradDip (Env. Mgt), MBA	
	Reviewer	RPS	Rebecca McGrath	BEng (Environmental Engineering)	20+
	Reviewer	Santos	Dr Lachlan MacArthur	BSc (Hons), PhD (Marine Ecology)	20
	Reviewer	Santos	Ben Haslam	BEng, MSc (Marine Technology)	25

	Reviewer	Santos	Andrew Lindsay	BSc (Microbiol/Biochem), BEng (Chemical Engineering)	30
	Reviewer	Santos	Peter Ivceovich	BEng (Mechanical Engineering)	20
	Reviewer	Santos	Xander van Beusekom	MIEAust, MSc (Engineering Geology)	20
	Reviewer	Morgan Consultants	Ceri Morgan	BSc (Hons) (Environmental Science)	30
Trenching and Spoil Disposal Management and Monitoring Plan	Author	RPS	Samuel Billingham	BSc (Mar. Sci.e & Analytical Chem.), Msc (Mar. Sci.)	3
	Reviewer	RPS	Dr Katharine Thorne	MEarth Sci, MSc, PhD (Oceanography)	12
	Reviewer	Santos	Dr Lachlan MacArthur	BSc (Hons), PhD (Marine Ecology)	20
	Reviewer	Santos	Mike Marren	BA (Journalism)	25
	Reviewer	Santos	Ben Haslam	BEng, MSc (Marine Technology)	25
	Reviewer	Santos	Andrew Lindsay	BSc (Microbiol/Biochem), BEng (Chemical Engineering)	30
	Reviewer	Santos	Peter Ivceovich	BEng (Mechanical Engineering)	20
	Reviewer	Santos	Xander van Beusekom	MIEAust, MSc (Engineering Geology)	20
	Reviewer	Morgan Consultants	Ceri Morgan	BSc (Hons) (Environmental Science)	30
Reviewer	Xodus	Libby Howitt	BSc (Biology), MSc (Marine Ecology)	35+	
Marine Megafauna Noise Management Plan	Author	RPS	Dr Rhianne Ward	BSc (Marine Biology), BSc Hons, PhD (Bioacoustics)	10
	Author	RPS	Shane Dickeson	BSc (Marine Biology), BSc Hons (Marine Science)	9
	Author	RPS	Alexandra D'Cruz	BSc (Marine Biology), BSc Hons (Marine Science)	3
	Reviewer	RPS	Rebecca McGrath	BEng (Environmental Engineering)	20+
	Reviewer	RPS	Pennie Ginn	BSc (Conservation Biology)	12
	Reviewer	RPS	Dr Katharine Thorne	MEarth Sci, MSc, PhD (Oceanography)	12
	Reviewer	Santos	Dr Lachlan MacArthur	BSc (Hons), PhD (Marine Ecology)	20
	Reviewer	Santos	Ben Haslam	BEng, MSc (Marine Technology)	25
	Reviewer	Santos	Andrew Lindsay	BSc (Microbiol/Biochem), BEng (Chemical Engineering)	30
	Reviewer	Santos	Peter Ivceovich	BEng (Mechanical Engineering)	20
	Reviewer	Santos	Xander van Beusekom	MIEAust, MSc (Engineering Geology)	20
	Reviewer	CDM-Smith	Brenton Chatfield	BSc(Hons), GradDip (Aqua., GIS), PhD (Mar. Sci./GIS)	20

	Reviewer	Morgan Consultants	Ceri Morgan	BSc (Hons) (Environmental Science)	30
	Reviewer	Xodus	Libby Howitt	BSc (Biology), MSc (Marine Ecology)	35+
Acid Sulfate Soil and Dewatering Management Plan	Author	RPS	Adam Russell	BSc. (Hons) Environmental Geoscience.	10+
	Reviewer	RPS	Alan Foley	BSc. (Applied Chemistry)	18+
	Reviewer	RPS	Dr Katharine Thorne	MEarth Sci, MSc, PhD (Oceanography)	12
	Reviewer	Santos	Dr Lachlan MacArthur	BSc (Hons), PhD (Marine Ecology)	20
	Reviewer	Santos	Ben Haslam	BEng, MSc (Marine Technology)	25
	Reviewer	Santos	Andrew Lindsay	BSc (Microbiol/Biochem), BEng (Chemical Engineering)	30
	Reviewer	Santos	Peter Ivceovich	BEng (Mechanical Engineering)	20
	Reviewer	Santos	Xander van Beusekom	MIEAust, MSc (Engineering Geology)	20
	Reviewer	Morgan Consultants	Ceri Morgan	BSc (Hons) (Environmental Science)	30