

Appendix 1.1: Author Qualifications and Experience

ElAR Chapter	Company	Contributor & Qualifications	Years Relevant Experience
1: Introduction	Jennings O'Donovan & Partners Limited Jennings O'Donovan & Partners Limited	Mr. Darren Timlin BSc., Environmental Scientist Mr. Michael Garvey B Eng in Civil Engineering	DT – 3 Years MG – 15 Years
2: Project Description	Jennings O'Donovan & Partners Limited Jennings O'Donovan & Partners Limited	Mr. Darren Timlin BSc., Environmental Scientist Mr. Michael Garvey B Eng in Civil Engineering	DT – 3 Years MG – 15 Years
3: Alternatives Considered	Jennings O'Donovan & Partners Limited	Mr. Darren Timlin BSc., Environmental Scientist	DT – 3 Years
4: Planning Policy	Jennings O'Donovan & Partners Limited	Mr. Darren Timlin, BSc., Environmental Scientist	DT – 3 Years
5: Population and Human Health	Jennings O'Donovan & Partners Limited Jennings O'Donovan & Partners Limited	Mr. Darren Timlin, BSc., Environmental Scientist Ms. Angelika Thiel BSc., Environmental Scientist	DT – 3 Years AT – 3 Years
6: Biodiversity	Biosphere Environmental Services Éire Ecology Enviroscope Environmental Consultancy Ecofact Environmental Consultants	Dr. Brian Madden, PhD, BA., MCIEEM, Environmental Consultant Mr. John Curtin BSc., Environmental Scientist Dr. John Conaghan, BSc, PhD, MCIEEM Dr. William O'Connor	BM – 40 Years + JC – 15 Years JC – 25 Years + WO'C – 30 Years +
7: Ornithology	Biosphere Environmental Services Biosphere Environmental Services Biosphere Environmental Services Biosphere Environmental Services Biosphere Environmental Services Biosphere Environmental Services Biosphere Environmental Services Veon	Dr. Brian Madden, PhD, BA., MCIEEM, Environmental Consultant Mr. Conor Ryan B.Sc., M.Sc., MCIEEM Hannah Keogh B.Sc., PGDip Mr. David Miley B.Sc., M.Sc Mr. Mick Hogan Mr. Joe Adamson B.Sc., M.Sc., MCIEEM David McGillicuddy ACIEEM, AEnvCW	BM – 24 Years + CR – 15 Years + HK – 9 Years + DM – 15 Years + MH – 12 Years + JA – 24 Years + DM – 7 Years +
8: Soils and Geology	Whiteford Geoservices Limited Whiteford Geoservices Limited	Mr. John Whiteford BSc (Hons) Geophys MIOSH MEAGE FGS Mr. Jamie Stothers,	JW – 25 Years JS – 9 Years
9: Hydrology and Hydrogeology	Hydro Environmental Services Whiteford Geoservices Limited Whiteford Geoservices Limited	Mr. Michael Gill MSc Engineering Hydrology, MSc Hydrogeology Mr. Conor McGettigan BSc, MSc., Environmental Science Jenny Law BSc, MSc	MG – 20 Years + CMcG – 4 Years+ JL – 3 Years +
10: Air and Climate	Jennings O'Donovan & Partners Limited	Mr. Darren Timlin BSc., Environmental Scientist	DT - 3 Years AT – 3 Years

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	Jennings O'Donovan & Partners Limited	Ms. Angelika Thiel BSc., Environmental Scientist	
11: Noise	Irwin Carr Consulting Irwin Carr Consulting Irwin Carr Consulting	Mr. Shane Carr, MPhil., Director, Irwin Carr Consulting Mark Burke BSc Brendan O'Reilly	SC – 20 Years + MB – 5 Years + BOR – 40 Years +
12: Landscape & Visual Assessment	Macro Works Macro Works	Mr. Richard Barker, MLA, PGD, BA, MILI, Director, Macro Works Limited Mr Cian Doughan, Landscape Architect, BSLA., MILI	RB – 25 Years CD – 20 Years
13: Material Assets & Other Issues	Jennings O'Donovan & Partners Limited Veon	Mr. Darren Timlin BSc., Environmental Scientist Mr. Martin Murphy, BSc, Msc	DT - 3 Years MM – 2 Years + (Veon)
14: Cultural Heritage	John Cronin & Associates	Ms. Kate Robb MA PGDip. EIA/SEA Mgmt. MIAI	KR – 16 Years +
15: Shadow Flicker	Jennings O'Donovan & Partners Limited	Ms. Kathryn Feeney, BSc., Graduate Environmental Scientist	KF - 1 Year
16: Major Accidents and Natural Disasters	Jennings O'Donovan & Partners Limited	Mr. Darren Timlin BSc., Environmental Scientist	DT - 3 Years
17: Traffic & Transport	Jennings O'Donovan & Partners Limited	Mr. Michael Garvey B Eng in Civil Engineering Mr. Cavelle Hendry Bsc. Civil Engineering	MG – 15 Years CH – 8 years
18: Interactions of the Foregoing	Jennings O'Donovan & Partners Limited	Mr Darren Timlin, BSc., Environmental Scientist	DT - 3 Years