



APPENDIX 1.1

To ensure consistency and a competent assessment of the proposed development, specialist contributors have been appointed to conduct this EIAR in respect of each relevant phase. Each contributor is listed below in accordance with the chapter they conducted.

Chapter	Contributor	Competency
1: Introduction & Methodology 2: Site Location & Context 3: Description of the Proposed Development 4: Key Alternatives Considered 5: Population & Human Health 16: Interactions and Cumulative Impacts 17: Mitigation 18: Difficulties Encountered	Tom Phillips + Associates (TPA)	Gavin Lawlor is a Director of TPA. He holds a BA (Social Science) from University College Dublin, where he graduated in 1995 with a Masters in Regional and Urban Planning (MRUP) and is a Full Member of the Irish Planning Institute (IPI) with 25 years' experience. Bernard Dwyer is an Associate at TPA. He holds a Masters in Planning and Sustainable Development (MPlan) from University College Cork where he graduated in 2014 and is a full member of the IPI with 11 years' experience.
6: Biodiversity	Ecology Ireland	Dr Gavin Fennessy (BSc PhD MCIEEM) is the Director & Principal Ecologist of Ecology Ireland Wildlife Consultants, a consultant ecologist with over 25 years of experience in environmental consultancy. Dr Fennessy has contributed to and Project Managed numerous ecological impact assessment projects including EcIA, EIA, AA, SEA etc. Gavin is also an experienced Expert Witness having presented expert testimony at several An Bord Pleanála Oral Hearings. He is also an experienced lecturer and has regularly contributed to B.Sc. Env. Sc. courses at UCC. Dr Shane Somers is a professional ecologist, operating on a range of projects across Ireland. Shane has a PhD in ornithology with extensive experience in a variety of ecological assessments, specialising in bird, bat and habitat surveys and assessments. Shane has experience undertaking fieldwork and technical assessments for developments such as largescale windfarms, solar farms, recreation facilities, greenways, residential and parks projects. Shane is a skilled botanist and competent in most general ecological walkover survey skills. He is familiar with the key legislations and directives in Ireland such as the Habitats and Birds Directives, Irish Wildlife Act, Floral Protection Order, Schedule III invasive species etc. Dr Karen Mullen has over 12 years of professional experience in focused wildlife surveys and habitat assessments, bat surveys and analysis, and habitat mapping. She has worked on numerous projects related to renewable energy, infrastructure, housing, and various other development projects. She is an experienced field ecologist with extensive ecological survey experience, including habitats, terrestrial mammals, and birds.



		Dr John Conaghan is a botanical/environmental consultant with 25 years of consultancy experience, specialising in the survey and assessment of vegetation and habitats. He has undertaken survey work in a wide range of habitats throughout Ireland including fens, grasslands, bogs, woodland and coastal habitats. Over the past 25 years Dr. Conaghan has carried out a large number of vegetation/ecology surveys with the vegetation ecology of bogs/fens and the distribution of Irish rare plants, particular fields of interest.
7: Land, Soils, & Ground Water 8: Hydrology (Surface Water & Wastewater)	Hydro Environmental Services	Michael Gill, (BA, BAI, Dip Geol., MSc, MIEI) is a civil Engineer, Hydrologist and Hydrogeologist with 22 years' environmental consultancy experience in Ireland. Michael has a degree in Civil and Environmental Engineering, a MSc in Engineering Hydrology from TCD and a MSc in Applied Hydrogeology from Newcastle University. Michael has completed numerous (60+) hydrological and hydrogeological assessments relating to bedrock quarries and sand and gravel pits. Recent examples include Ardfert quarry in County Kerry, Midelton Quarry in County Cork, and Rathcore and Clonard Quarries in County Meath. Michael also has extensive experience in the preparation of remedial EIARs, having worked on rEIARs for several bedrock quarries and peat extraction sites. Adam Keegan, P.Geo. (BSc., MSc.) is a hydrogeologist with 7 years environmental consultancy experience in Ireland. Adam has worked on numerous Environmental Impact Assessments for infrastructure projects, such as wind farms, strategic housing developments, and quarries. Adam has experience in intrusive site investigation works within sand and gravel environments, primarily relating to quarry developments. Adam has worked on numerous quarry EIAR projects including Mallow quarry, Barrigone quarry, Kilmeague quarry, and Killarney quarry. Conor McGettigan (BSc., MSc.) is an Environmental Scientist with over 5 years' experience in the environmental sector in Ireland. Conor holds a MSc. in Applied Environmental Science and a BSc in Geology from University College Dublin. Conor routinely completes hydrological and hydrogeological assessments for a wide range of developments, including sand and gravel pits and bedrock quarries. Conor has also prepared several land, soils and geology and water chapters of several EIARs. Nitesh Dalal (B.Tech., PG Dip., MSc.) is an Environmental Scientist with over 7 years' experience in environmental consultancy and environmental management in India. Nitesh holds a MSc. in Environmental Science from



		University College Dublin (2024), a PG Diploma in Health, Safety and Environment from Annamalai University, India (2021) and B.Tech. in Environmental Engineering (2016) from Guru Gobind Singh Indraprastha University, India (2016).
9: Air 10: Climate 12: Material Assets: Waste	AWN	Ciara Nolan is a Principal Environmental consultant in the Air Quality & Climate Section of AWN Consulting. She holds a BSc in Energy Systems Engineering from University College Dublin and has also completed a MSc in Applied Environmental Science at UCD. She is a Member of the Institute of Air Quality Management (MIAQM) and the Institution of Environmental Sciences (MIEnv.Sc.). She has over 8 years' experience in undertaking air quality and climate assessments. She has prepared air quality and climate impact assessments as part of EIARs for residential developments, commercial and industrial developments, as well as renewable energy developments. She also specialises in conducting air dispersion modelling assessments of emissions from data centres, energy centres and the chemical industry as part of EPA Industrial Emissions Licenses for Echelon DC, AWS, Takeda, MSD and Regeneron. She has undertaken air quality and climate impact assessments for transportation schemes, primarily regional and national road schemes, from constraints, through to route selection and EIAR stage. Chonaill Bradley (BSc ENV, PGDip Circ Econ, AssocCIWM) is an Associate in the Environment Team at AWN. He holds a BSc in Environmental Science from Griffith University, Australia and a Postgraduate Diploma in Circular Economy Leadership for the Built Environment from the Atlantic Technological University, Galway. He is an Associate Member of the Institute of Waste Management (AssocCIWM). Chonaill has over 10 years' experience in the environmental consultancy sector and specialises in sustainability, resource and waste management.
11: Noise & Vibration	Wave Dynamics	James Cousins is a Managing Director and Principal Consultant with Wave Dynamics who has extensive experience in assessing noise and vibration impacts. James is an experienced acoustic consultant. His qualifications include BSc (Hons) in Construction Management and Engineering, Pg Cert in Construction Law and Diploma in Acoustics and Noise Control (Institute of Acoustics) and a IOA Competence Cert in Building Acoustic Measurements. James is a member of both Engineers Ireland (MIEI) and the Institute of Acoustics (MIOA) and is the current SITRI Chairman. Shannon Doherty is a Senior Consultant at Wave Dynamics with over 12 years' experience in noise and



		vibration, including noise monitoring surveying, assessment and noise control. He has a BSc (Hons) in Music Technology from Queens University Belfast as well as a Post Graduate Diploma in Acoustics and Noise Control from the Institute of Acoustics. Shannon has experience working on major residential, infrastructure, energy and brownfield/greenfield development projects in the UK and Ireland. Sean Rocks is a Director and Senior Consultant at Wave Dynamics with experience in numerous planning stage assessments. Sean's qualifications include Beng (Hons) in Mechanical and Manufacturing Engineering, Diploma in Acoustics and Noise Control (Institute of Acoustics), IOA Certificate of Competence in Environmental Noise Measurement and SITRI certified sound insulation tester. Sean is a member of both Engineers Ireland and the Institute of Acoustics.
13: Material Assets: Traffic & Transportation	Transport Insights	Eoin Munn (MSc Business Analytics, BSc Transport Operations, Member of Transport Planning Society (MTPS)) is a Director at Transport Insights with over 14 years' experience working within Transport Planning and Engineering, including project director of a variety of small to large sized projects from feasibility to detailed design stage. Recent experience in providing transport planning support (including production of EIAR Traffic and Transport Chapters and acting as Project Director) for sand and gravel quarry at a site at Coolnapish, Co. Carlow, a quarry infill development (insert soil and stone) at a site at Powerstown, Co. Carlow, and an infill development at Scratenagh, Arklow, Co. Wicklow. Tom Fitzgerald (BA in Urban Planning, Geography and Environmental Planning, MSc. in Spatial Planning Land and Real Estate Development) is a Consultant Transport Planner at Transport Insights with 2 years' experience working within Transport Planning and Engineering on a variety of public and private sector projects. Tom has recent experience of drafting EIAR Traffic and Transport Chapters including a sand and gravel quarry in Kill, Co. Kildare, an anaerobic digestion facility in Loughmorne, Co. Monaghan and a sand and gravel pit at Kilmeague Co. Kildare.
14: Cultural Heritage/Archaeology	Dr. Charles Mount Archaeology	Dr. Charles Mount is a member of the Institute of Archaeologists of Ireland and has more than thirty years' experience in cultural heritage assessments. He holds an M.A and Ph.D degrees in archaeology as well as a professional diploma in EIA and SEA Management.
15: Landscape Visual Impact Assessment	Macro Works Ltd.	Richard Barker is a Divisional Director (Landscape Architect) of Macro Works Ltd.; a consultancy firm specialising in Landscape and Visual Assessment and



		associated maps and graphics. Richard's relevant experience includes 20 years of LVIA for a broad range of infrastructural, renewable energy, industrial and commercial projects since 1999, including numerous urban, residential, and mixed-use development projects. He has also assessed numerous quarry projects.
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