



Appendix 8B Survey Details

Appendix 8B: Survey details

File	Project ref.	111
	Client	McCarthy Keville O'Sullivan
	Location	Lowe Lee Cork City
	Stations	N1-N19
	Purpose	Flood relief scheme ambient survey
	Comment	-
Event	Period	Daytime
	Date	02.11.16
	Day	Wednesday
	Time	0800-1630
	Operator	Damian Brosnan BSc MSc MIOA MIEI
	Sound level meter	2250L
Conditions	Cloud cover	0 %
	Precipitation	0 mm
	Temperature	2 rising to 13 °C
Wind	Direction	E
	Speed	0-1 m/s
	Measurement	Anemo anemometer 2 m above ground level
Sound level meter	Instrument	Bruel & Kjaer Type 2250-L
	Instrument serial no.	2566801
	Microphone serial no.	2571655
	Application	BZ7130 Version 2.0
	Bandwidth	Broadband & 1/3 octaves
	Max. input level	142.66 dB
	Broadband weightings	Time: Fast Frequency: AC
	Spectrum weightings	Time: Fast Frequency: Z
	Windscreen correction	UA1404 outdoor kit with EH-2152 secondary windscreen
	Sound field correction	Free-field
	UKAS calibration	13.01.15
	Calibrating laboratory	Bruel & Kjaer Denmark
	Calibration certificate	Available on request
Onsite calibration	Time	02/11/2016 08:12:32
	Type	External
	Sensitivity	36.94 mV/Pa
	Post survey check	93.9 dB
Onsite calibrator	Instrument	Bruel & Kjaer Type 4231
	Instrument serial no.	1723667
	UKAS calibration	05.02.16
	Calibrating laboratory	Bruel & Kjaer Denmark
	Calibration certificate	Available on request
Uncertainty	Instrumentation	±1 dB (IEC 61672:2002 Class 1)
	External	±0-3 dB (station & weather dependent, estimated)
	Total	±5 dB (estimated, including expanded uncertainty)
Methodology	Standards	ISO 1996 (2007 & 2016)
	Microphone position	Free field, 1.5 m above ground level
	Intervals	15 min logging at 1 s