Gravity

Smart Campus

Gravity LDO Environmental Statement

Volume 2 – Appendices

Appendix 10.6 Operational Sound Levels

Appendix 10.6: Operational Sound Levels

Location	Source	Sound Power Level (dB $L_{Aeq,T}$) at octave frequencies (in Hz)								
		63	**125**	**250**	**500**	**1k**	**2k**	**4k**	**8k**	**dB(A)**
Freight Terminal	Gantry Crane – Movement	103	99	99	95	95	90	83	73	99
	Gantry Crane – Broadband Alarm	89	90	88	86	85	89	84	74	93
	Gantry Crane – Spreader Impact	98	93	92	92	88	83	77	67	93
	Gantry Crane – Container Placement	90	86	85	81	78	76	69	59	84
	Reach Stacker	114	114	113	109	105	108	97	90	113
	Telehandler	122	111	105	103	99	97	93	85	106