

Red John Pumped Storage Hydro Scheme

Volume 5, Appendix 16.2:
Measurement Summaries

ILI (Highlands PSH) Ltd.

November 2018

Quality information

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Revision History

<u>Revision</u>	<u>Revision date</u>	<u>Details</u>	<u>Authorized</u>	<u>Name</u>	<u>Position</u>
1	November 2018	Submission	CA	Catherine Anderson	Associate Director

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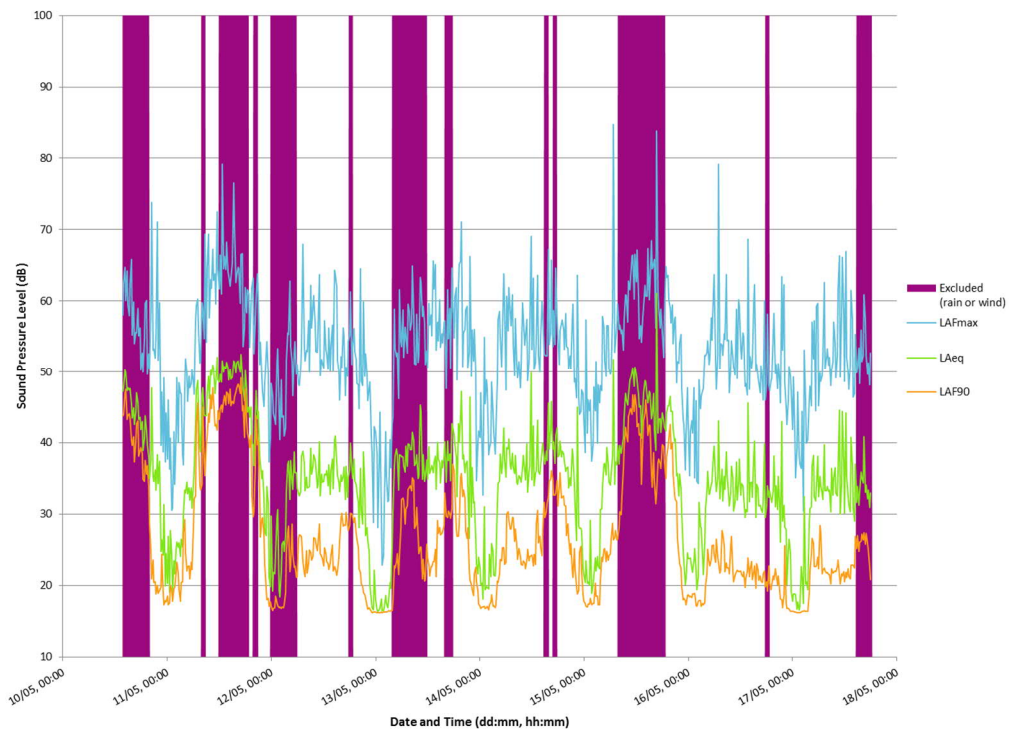
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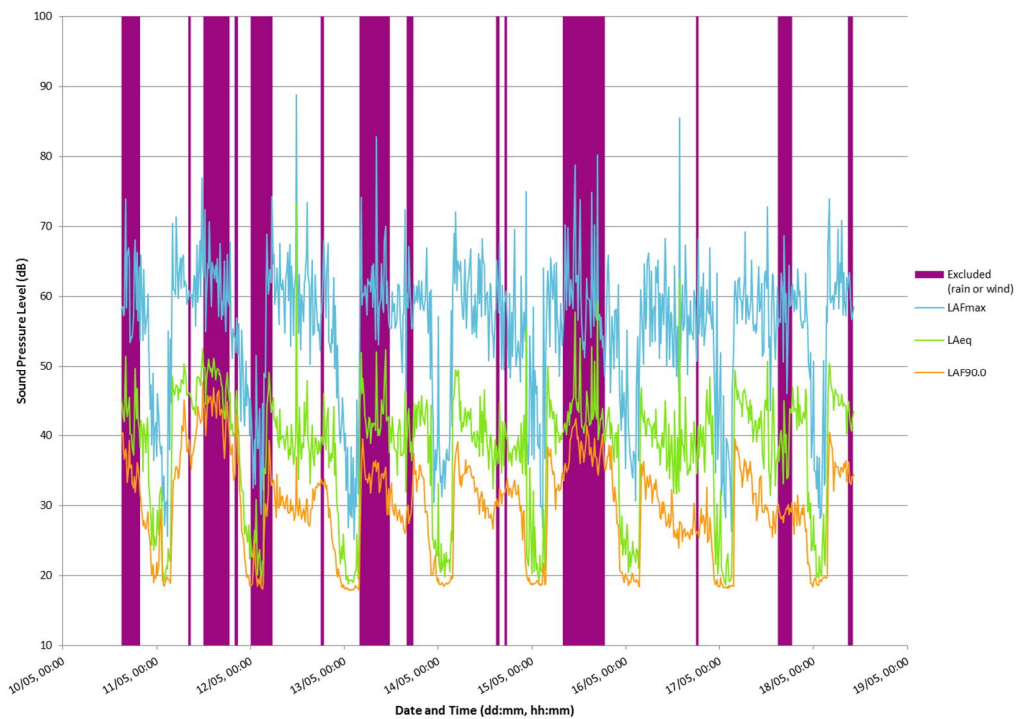
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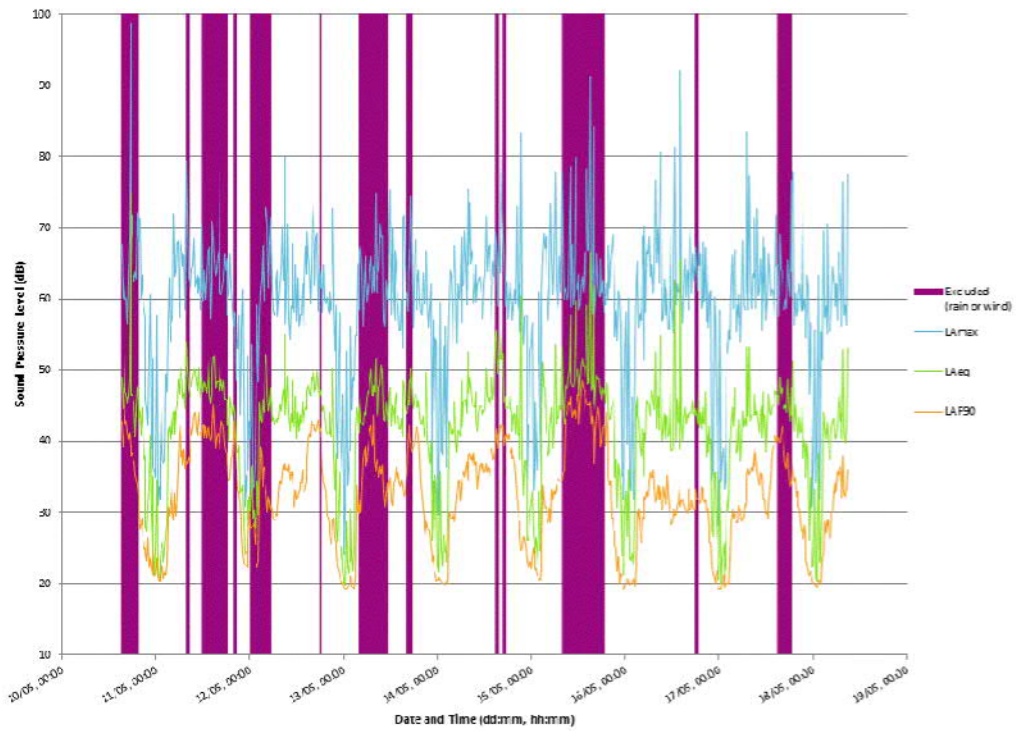
Appendix 16.2 Acoustic Terminology



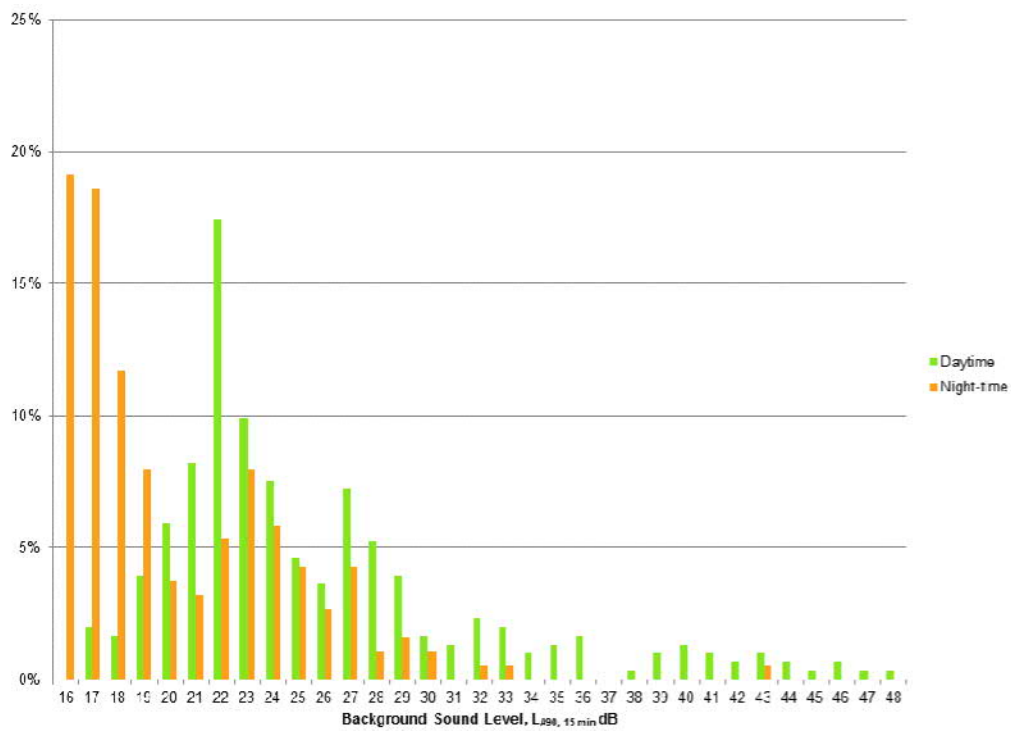
Insert 16.1 Location 1 - 15-minute measured levels



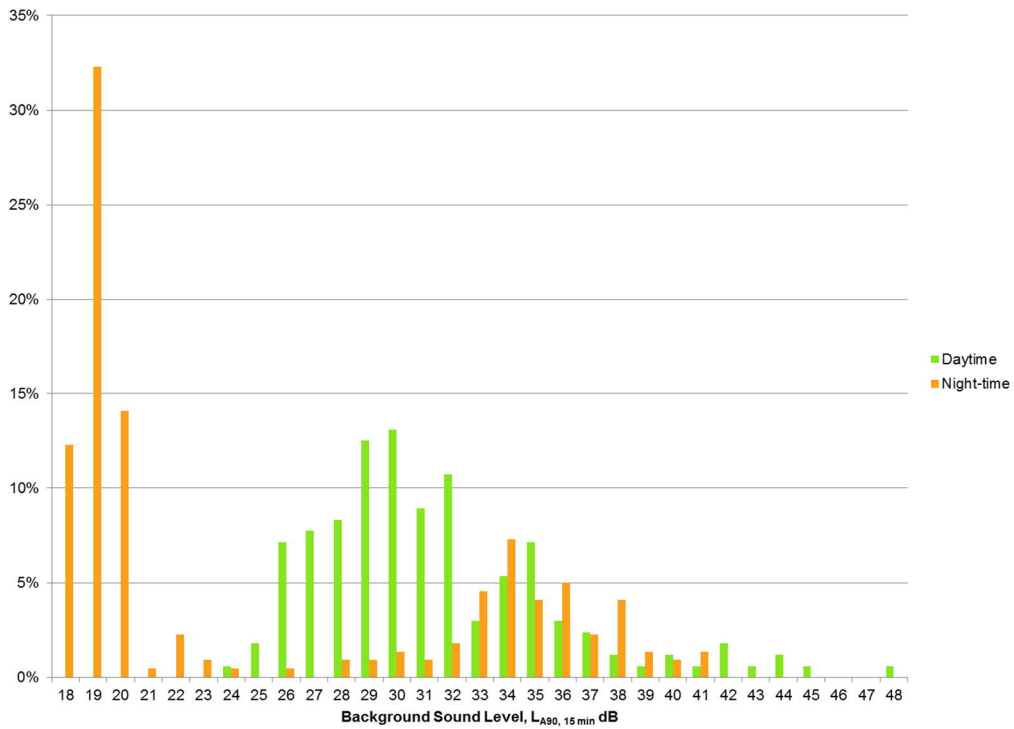
Insert 16.2 Location 2 – 15-minute measured levels



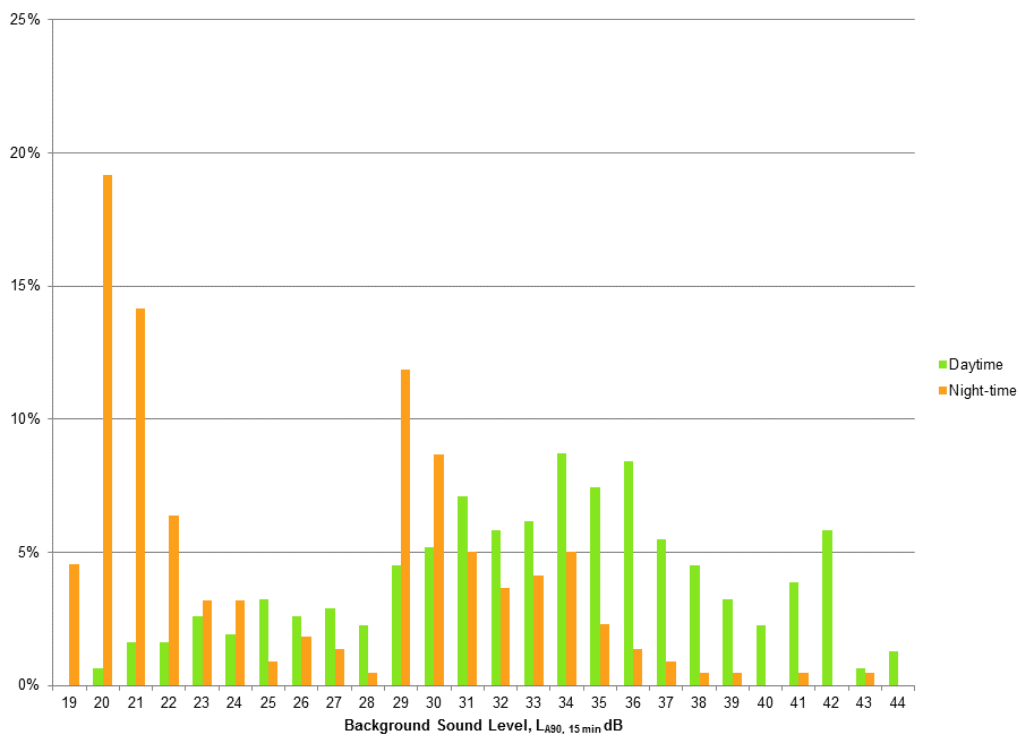
Insert 16.3 Location 3 – 15-minute measured levels



Insert 16.4 Location 1 – Statistical Analysis of Background Sound Levels



Insert 16.5 Location 2 – Statistical Analysis of Background Sound Levels



Insert 16.6 Location 3 – Statistical Analysis of Background Sound Levels

16.1.1 The instrumentation used to conduct the sound monitoring is detailed in Table 16.1.

Table 16.1 Sound monitoring equipment details

Location	Equipment Type	Model Number	Serial Number
All	Calibrator	Brüel & Kjær 4231	2061469
L1 and S2		Brüel & Kjær 2250	2827273
L2	Class 1 - Sound Level Meter	Brüel & Kjær 2250	2827274
L3		Rion NL-32	00840884
S1		Brüel & Kjær 2250	2507254

16.1.2 All the above equipment has in-date laboratory calibration certificates.

