

## Appendix 8A: Baseline Noise Levels

The result of the routine noise monitoring undertaken by Bureau Veritas at Hazeldene (NSR1) since 2005 are given in the table below.

**Table 8A-1: Results of Routine Noise Monitoring at Hazeldene since 2005**

Date	Wind direction	Background Sound Level $L_{AF90}$ at Hazeldene	Ambient Sound Level $L_{Aeq}$ at Hazeldene
February 2005	NW	49	51
March 2005	W	52	54
April 2005	W	53	55
August 2005	NW	49	51
November 2005	W	52	54
February 2006	NW	50	51
May 2006	WWS	50	52
August 2006	W	52	54
January 2007	SW	52	53
March 2008	NW	48	50
January 2009	SW	51	53
March 2010	NW	52	54
April 2011	NW	52	53
June 2013	NE	41	43
June/July 2014	E	48	50
August 2015	S	44	50
September 2016	NE	50	52
July 2017	NW	51	52

Values are representative values of night time levels presented by Bureau Veritas in their report 6450625/1 Rev 0 dated 13<sup>th</sup> July 2017

Values marked in red indicated where the wind direction during the survey was not appropriate for the assessment of representative background sound level at Hazel Dene. ie wind not blowing from general direction of site to NSR