

Supplementary Table A. Band pressure levels, by plant

	One-third octave band frequency*							
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Octave band pressure levels (dBL) in dB								
Plant A measurement point								
A	96.5	92.7	88.4	86.5	87.7	85.7	83.2	87.7
B	87.6	88.6	82.6	84.9	87.8	83.3	89.6	94.3
C	88.9	84.3	82.0	83.8	82.3	77.8	81.5	86.9
D	76.0	77.7	73.4	74.7	75.1	82.3	84.0	77.0
E	81.3	82.0	81.6	85.6	83.4	80.3	78.8	76.3
F	79.4	84.3	80.4	81.5	81.3	81.4	79.1	77.9
G	81.6	89.4	83.8	85.6	86.1	86.8	84.5	83.2
H	86.5	90.5	86.2	85.9	87.7	85.3	90.2	95.1
I	82.7	92.5	85.9	87.6	87.8	84.9	90.6	95.1
Logarithmic average	89.0	89.0	84.0	85.0	86.0	84.0	87.0	91.0
Plant B measurement point								
A	79.7	83.1	84.5	78.5	75.5	72.9	67.4	60.6
B	80.1	88.4	82.6	77.6	75.2	70.7	64.6	55.3
C	81.3	86.1	83.9	80.8	76.2	70.5	65.8	55.5
D	69.6	81.9	100.2	96.2	93.5	88.2	82.1	75.4
E	80.7	86.3	81.9	83	79.3	73.3	67.7	61.3
F	77.6	78.5	83.5	81.8	81.2	78.9	76.6	76.8
Logarithmic average	81.0	86.0	83.0	81.0	78.0	75.0	71.0	70.0
Plant C measurement point								
A	110.6	110.2	104.6	103.1	101.6	96.8	97.1	93.8
B	109.8	108.6	104.5	105.2	102.7	96.0	96.7	92.3
C	105.4	106.2	103.5	102.4	101.1	94.8	96.2	90.9
D	104.0	106.1	106.4	103.4	101.8	95.2	97.1	91.4
E	105.6	106.5	104.3	102.3	100.6	94.0	96.2	90.6
F	107.5	107.3	107.8	104.3	103.6	96.8	98.1	93.1
G	107.8	107.1	106.6	103.4	102.0	95.5	97.6	90.9
H	104.4	104.4	103.0	101.4	99.4	97.4	101.3	97.8
Logarithmic average	108.0	107.0	105.0	103.0	102.0	96.0	100.0	95.0

*one-third octave band frequency analysis: method used to measure and analyse noise levels across different frequency ranges
 Hz: Hertz; KHz: Kilohertz; dBL: unweighted decibel