

Appendix 7.2
Noise Monitoring Results

Monitoring Location 1 – In the eastern part of the Enderby B8 site approximately 10m from St. Johns.						
Time	L_{Aeq} (dB)	L_{A min} (dB)	L_{A max} (dB)	L_{A90} (dB)	L_{A10} (dB)	Comments
15/01/2016 - Night-time						
0030-0045	60.8	51.4	79.6	53.8	62.3	Distant road traffic noise from the M1 motorway. Occasional road traffic noise on St. Johns. Occasional bird noise and distant aircraft noise.
0045-0100	63.0	50.2	83.5	53.6	63.4	
0100-0115	61.6	50.0	83.8	53.5	60.2	
0115-0130	62.0	48.6	81.2	53.1	61.8	
0130-0145	61.8	50.1	83.0	53.2	61.3	
0145-0200	58.6	48.3	80.0	52.2	57.9	
0200-0215	60.8	49.1	83.7	52.6	58.5	
0215-0230	58.0	50.9	77.7	53.5	58.3	
0230-0245	60.4	49.8	82.1	52.7	59.1	
0245-0300	58.4	47.7	77.3	50.4	56.9	
0300-0315	59.5	47.2	81.7	50.1	59.3	
0315-0330	59.5	49.8	83.1	51.9	56.4	
0330-0345	61.9	47.9	82.4	51.4	60.0	
0345-0400	60.8	50.0	80.1	52.8	60.1	
0400-0415	59.9	49.9	81.4	52.6	58.5	
0415-0430	63.6	49.0	82.5	52.3	64.5	
0430-0445	64.6	53.2	82.8	55.4	65.9	
0445-0500	67.3	53.0	82.1	56.5	71.1	
0500-0515	66.4	55.2	82.3	57.1	69.8	
0515-0530	68.0	55.3	83.7	57.7	72.6	
0530-0545	71.0	58.4	85.7	60.1	75.9	
0545-0600	70.5	58.2	85.2	60.4	75.4	
0600-0615	71.4	58.3	84.3	60.9	76.0	
0615-0630	72.3	61.0	83.4	62.7	76.7	
0630-0645	73.4	59.8	84.1	62.9	77.6	
0645-0700	74.1	59.2	85.6	63.7	78.3	
Overall	67.3	47.2	85.7	55.3	65.3	
15/01/2016 - Daytime						
0700-0800	75.7	58.1	84.4	66.6	78.7	Distant road traffic noise from the M1 motorway. Regular road traffic noise on St. Johns. Occasional bird noise and distant aircraft noise.
0800-0900	75.8	59.3	85.1	68.3	78.8	
0900-1000	75.2	60.7	85.4	66.2	78.3	
1000-1100	74.1	58.3	85.3	64.5	77.7	
1100-1200	74.0	59.7	85.5	63.7	77.6	
1200-1300	74.2	58.5	91.8	64.5	77.6	
1300-1400	74.0	60.7	86.2	64.7	77.3	
1400-1500	73.6	60.8	85.6	65.5	76.9	
1500-1600	74.3	60.8	89.0	65.5	77.8	
1600-1700	74.5	61.7	86.9	65.6	77.9	
1700-1800	74.0	59.0	87.3	64.6	77.6	
1800-1900	73.7	59.5	85.6	64.3	77.5	
1900-2000	73.3	60.0	88.1	64.2	77.2	
2000-2100	71.1	58.0	85.4	61.5	75.5	
2100-2200	69.9	57.8	84.4	60.5	74.3	
2200-2300	68.7	56.3	85.6	59.5	72.7	
Overall	73.9	56.3	91.8	63.2	77.6	

**Monitoring Location 1 – In the eastern part of the Enderby B8 site approximately 10m from St. Johns.
(Continued.)**

Time	L _{Aeq} (dB)	L _{A min} (dB)	L _{A max} (dB)	L _{A90} (dB)	L _{A10} (dB)	Comments
15&16/01/2016 - Night-time						
2300-2315	67.6	56.4	83.5	58.4	71.3	Distant road traffic noise from the M1 motorway. Occasional road traffic noise on St. Johns. Occasional bird noise and distant aircraft noise.
2315-2330	68.3	55.9	83.5	58.4	72.7	
2330-2345	66.9	54.4	82.4	57.5	70.6	
2345-0000	66.2	54.2	83.0	56.8	68.5	
0000-0015	65.1	52.7	85.2	55.7	67.8	
0015-0030	66.2	53.2	84.3	56.0	68.8	
0030-0045	64.6	53.9	82.6	56.2	66.7	
0045-0100	63.5	52.1	82.6	54.7	65.3	
0100-0115	63.7	51.3	84.6	54.9	65.4	
0115-0130	64.0	53.2	81.4	55.2	66.6	
0130-0145	64.5	50.7	85.3	54.0	66.1	
0145-0200	63.0	51.3	80.9	54.2	64.6	
0200-0215	62.4	49.9	81.8	52.9	63.6	
0215-0230	62.2	50.6	81.7	53.5	63.4	
0230-0245	61.7	50.0	82.6	52.8	60.5	
0245-0300	60.7	49.8	80.2	52.9	61.6	
0300-0315	59.6	49.0	77.7	52.5	60.1	
0315-0330	59.4	50.5	78.1	53.1	59.6	
0330-0345	62.5	51.4	80.6	53.6	62.9	
0345-0400	61.2	49.4	80.0	53.0	60.3	
0400-0415	60.2	47.8	79.3	53.3	60.5	
0415-0430	63.4	49.2	82.7	53.0	64.3	
0430-0445	63.2	50.7	82.3	53.4	64.5	
0445-0500	64.4	50.7	83.3	53.1	67.0	
0500-0515	64.8	50.1	82.7	52.3	66.8	
0515-0530	66.1	51.1	84.6	52.8	69.2	
0530-0545	67.0	52.4	82.4	55.2	70.7	
0545-0600	66.2	52.3	84.6	54.1	69.4	
0600-0615	66.8	51.2	82.7	53.8	70.9	
0615-0630	67.8	54.1	83.2	55.9	72.4	
0630-0645	68.9	54.9	84.3	57.2	73.4	
0645-0700	70.1	57.0	83.5	59.7	75.1	
Overall	65.3	47.8	85.3	54.7	67.1	
16/01/2016 - Daytime						
0700-0800	71.3	56.8	85.4	60.1	76.1	Distant road traffic noise from the M1 motorway. Regular road traffic noise on St. Johns. Occasional bird noise and distant aircraft noise.
0800-0900	73.5	57.2	86.6	62.1	78.0	
0900-1000	74.5	57.6	86.5	62.5	78.5	
1000-1100	75.2	56.7	85.2	65.3	78.7	
1100-1200	75.0	56.7	85.1	64.8	78.5	
1200-1300	74.8	53.6	86.3	63.7	78.5	
1300-1400	74.8	55.3	90.9	63.8	78.4	
1400-1500	74.2	54.4	84.7	63.9	77.8	
1500-1600	74.1	56.9	86.0	63.6	77.9	
1600-1700	74.0	55.7	85.7	65.1	77.7	
1700-1800	73.6	57.1	86.9	64.0	77.4	
1800-1900	72.7	52.4	87.4	59.5	76.9	
1900-2000	71.7	50.9	85.6	57.7	76.0	
2000-2100	69.7	44.3	84.9	53.3	74.3	
2100-2200	69.3	43.2	86.0	51.4	73.8	
2200-2300	69.2	47.5	83.9	53.6	73.7	
Overall	73.4	43.2	90.9	59.9	77.6	

**Monitoring Location 1 – In the eastern part of the Enderby B8 site approximately 10m from St. Johns.
(Continued.)**

Time	L _{Aeq} (dB)	L _{A min} (dB)	L _{A max} (dB)	L _{A90} (dB)	L _{A10} (dB)	Comments
16&17/01/2016 - Night-time						
2300-2315	68.5	44.7	82.5	52.8	73.3	Distant road traffic noise from the M1 motorway. Occasional road traffic noise on St. Johns. Occasional bird noise and distant aircraft noise.
2315-2330	68.3	44.6	83.6	51.6	72.6	
2330-2345	67.9	46.0	82.8	51.9	72.4	
2345-0000	67.1	41.1	81.5	48.1	70.9	
0000-0015	65.7	39.8	82.1	46.9	69.5	
0015-0030	63.6	41.6	83.5	45.5	66.4	
0030-0045	63.0	36.9	83.7	41.9	64.1	
0045-0100	59.9	36.5	77.7	40.7	62.5	
0100-0115	61.8	36.8	78.6	41.2	64.8	
0115-0130	62.1	37.5	81.5	42.8	64.9	
0130-0145	62.4	35.2	84.2	37.9	62.5	
0145-0200	60.8	34.5	79.9	37.0	63.3	
0200-0215	61.4	34.7	81.5	37.0	62.7	
0215-0230	59.5	33.2	76.7	35.5	62.1	
0230-0245	60.7	35.6	78.8	38.7	63.9	
0245-0300	59.1	33.6	78.8	36.1	59.6	
0300-0315	55.6	32.4	77.3	34.2	57.2	
0315-0330	57.3	31.6	78.6	34.9	57.6	
0330-0345	61.7	32.6	81.7	35.4	61.5	
0345-0400	59.9	32.5	80.3	34.7	61.3	
0400-0415	61.4	32.9	83.7	35.9	60.7	
0415-0430	58.7	34.8	77.9	36.9	55.7	
0430-0445	58.9	34.2	78.5	36.7	59.7	
0445-0500	58.5	37.2	79.4	39.8	58.1	
0500-0515	61.7	36.9	86.2	41.2	59.6	
0515-0530	59.4	39.3	78.5	41.9	61.0	
0530-0545	58.8	37.1	77.8	39.8	59.8	
0545-0600	60.0	37.2	80.1	41.4	61.8	
0600-0615	61.4	37.0	77.8	40.9	63.5	
0615-0630	61.5	38.2	82.8	41.4	63.4	
0630-0645	63.6	40.9	80.8	43.8	66.5	
0645-0700	64.4	41.1	80.7	46.8	67.7	
Overall	63.0	31.6	86.2	41.0	63.5	
17/01/2016 - Daytime						
0700-0800	64.9	39.1	84.4	45.2	69.7	Distant road traffic noise from the M1 motorway. Regular road traffic noise on St. Johns. Occasional bird noise and distant aircraft noise.
0800-0900	66.9	42.8	83.2	47.6	72.0	
0900-1000	69.9	44.2	85.5	51.7	74.8	
1000-1100	73.0	47.8	84.6	56.4	77.3	
1100-1200	74.4	50.4	89.2	60.2	78.5	
1200-1300	75.2	51.1	96.0	62.7	79.0	
1300-1400	75.1	54.4	87.7	64.6	78.9	
1400-1500	74.6	53.6	85.6	61.2	78.8	
1500-1600	74.1	53.5	88.3	63.4	78.3	
1600-1700	73.4	53.0	86.3	60.9	77.6	
1700-1800	72.2	51.1	89.5	58.6	76.5	
1800-1900	71.5	49.7	87.2	57.2	76.0	
1900-2000	70.6	49.5	85.8	55.4	75.3	
2000-2100	69.5	47.1	87.0	52.5	74.0	
2100-2200	67.8	46.6	86.7	50.5	71.8	
2200-2300	65.8	43.0	83.7	46.5	69.1	
Overall	72.3	39.1	96.0	52.0	77.0	

**Monitoring Location 1 – In the eastern part of the Enderby B8 site approximately 10m from St. Johns.
(Continued.)**

Time	L _{Aeq} (dB)	L _{A min} (dB)	L _{A max} (dB)	L _{A90} (dB)	L _{A10} (dB)	Comments
17&18/01/2016 - Night-time						
2300-2315	62.3	42.9	80.9	44.8	65.1	Distant road traffic noise from the M1 motorway. Occasional road traffic noise on St. Johns. Occasional bird noise and distant aircraft noise.
2315-2330	62.4	42.2	82.9	43.9	65.3	
2330-2345	62.7	40.7	80.4	43.5	65.1	
2345-0000	59.6	40.0	80.1	41.9	61.7	
0000-0015	57.8	39.2	77.0	40.7	60.1	
0015-0030	61.6	40.9	83.2	42.5	63.6	
0030-0045	59.6	39.6	84.0	41.1	59.0	
0045-0100	58.8	38.6	80.5	40.3	56.5	
0100-0115	58.3	38.5	84.8	40.2	52.1	
0115-0130	55.2	37.8	77.3	39.8	55.6	
0130-0145	58.3	38.0	84.8	40.1	54.6	
0145-0200	57.7	37.1	80.2	39.0	52.0	
0200-0215	54.9	38.2	77.9	39.9	52.5	
0215-0230	55.5	37.6	78.1	40.0	54.8	
0230-0245	53.7	36.8	72.9	40.1	53.2	
0245-0300	58.8	37.2	81.6	39.4	55.6	
0300-0315	58.9	36.5	82.6	39.7	54.0	
0315-0330	55.8	39.0	78.9	40.6	50.2	
0330-0345	60.4	38.5	81.2	40.5	58.2	
0345-0400	63.5	40.0	83.8	41.6	66.1	
0400-0415	60.5	40.6	80.2	42.9	60.6	
0415-0430	65.0	41.3	82.5	44.1	66.8	
0430-0445	66.8	44.2	84.4	47.5	70.3	
0445-0500	67.2	46.0	84.4	47.9	71.2	
0500-0515	67.5	47.7	81.3	50.3	71.9	
0515-0530	68.7	48.2	83.8	50.1	73.9	
0530-0545	70.6	49.6	87.0	52.4	76.2	
0545-0600	70.0	49.2	84.1	52.1	74.9	
0600-0615	70.3	48.8	83.6	52.7	75.1	
0615-0630	72.6	52.0	85.5	57.6	77.1	
0630-0645	74.3	50.5	84.8	60.8	78.5	
0645-0700	74.8	54.2	85.2	62.2	78.9	
Overall	66.8	36.5	87.0	45.0	63.5	
18/01/2016 - Daytime						
0700-0800	76.0	55.4	85.8	67.4	78.9	Distant road traffic noise from the M1 motorway. Regular road traffic noise on St. Johns. Occasional bird noise and distant aircraft noise.
0800-0900	76.3	52.6	86.3	68.4	79.0	
0900-1000	75.3	52.5	86.6	64.3	78.8	
1000-1100	74.5	52.1	89.1	64.3	78.1	
1100-1200	74.1	52.5	85.0	63.5	77.9	
1200-1300	74.1	50.2	84.9	63.6	77.8	
1300-1400	74.3	53.8	86.8	63.9	77.8	
1400-1500	74.1	50.2	86.9	62.9	77.7	

Monitoring Location 2 – In the northern part of the Enderby B8 site approximately 5m from Leicester Lane.						
Time	L_{Aeq} (dB)	L_{A min} (dB)	L_{A max} (dB)	L_{A90} (dB)	L_{A10} (dB)	Comments
15/01/2016 - Daytime						
1130-1230	66.2	57	80.7	62.1	68.5	Distant road traffic noise from the M1 motorway. Road traffic noise from Leicester Lane. Occasional bird noise and distant aircraft noise.
1230-1330	66.4	59.4	83	62.5	68.4	
Overall	66.3	57	83	62.3	68.5	
18/01/2016 - Night-time						
1150-1250	63.2	52.3	79	56	66.4	Distant road traffic noise from the M1 motorway. Road traffic noise from Leicester Lane. Occasional bird noise and distant aircraft noise.
1250-1350	63.3	52.9	80.6	55.9	66.5	
Overall	63.3	52.3	80.6	56	66.4	

Monitoring Location 3 – To the south of the site in the vicinity of residential premises off Barr Close						
Time	L_{Aeq} (dB)	L_{A min} (dB)	L_{A max} (dB)	L_{A90} (dB)	L_{A10} (dB)	Comments
15/01/2016 - Night time						
0050-0105	58.9	50.6	65.6	54.7	61.1	Distant road traffic noise from the M1 motorway. Occasional distant road traffic noise from St. Johns. Occasional bird noise and distant aircraft noise.
0105-0120	59.8	52.9	66.7	55.8	61.9	
0120-0135	58.6	50.1	64.5	55.1	60.7	
0135-0150	58.8	52.4	64.2	54.8	61.1	
0150-0205	58.9	50.0	69.2	55.2	61.1	
0205-0220	59.2	53.1	66.4	55.7	61.1	
0220-0235	59.3	53.2	65.1	56.1	61.3	
Overall	58.2	51.9	64.7	55.1	60.2	
18/01/2016 - Daytime						
1345-1445	57.0	48.1	67.9	53.7	58.9	Distant road traffic noise from the M1 motorway and St. Johns. Occasional bird noise and distant aircraft noise.
1445-1545	57.2	49.9	78.9	53.7	58.9	
Overall	57.1	48.1	78.9	53.7	58.9	

Monitoring Location 4 – In the western part of the Enderby B8 site approximately 20m from the M1.						
Time	L_{Aeq} (dB)	L_{A min} (dB)	L_{A max} (dB)	L_{A90} (dB)	L_{A10} (dB)	Comments
15/01/2016 - Night time						
1100-1200	79.7	66.8	86.1	75.1	81.9	Road traffic noise from M1 motorway.
1200-1300	80.0	66.9	86.4	76.1	82.0	
1300-1400	80.5	68.8	87.4	76.9	82.5	
1400-1500	80.6	70.3	87.8	77.0	82.6	
1500-1600	80.3	66.2	86.3	76.6	82.2	
Overall	80.2	66.2	87.8	76.3	82.3	

Monitoring Location 5 – To the south of the proposed development site, approximately 3m from Mill Hill						
Time	L_{Aeq} (dB)	L_{A min} (dB)	L_{A max} (dB)	L_{A90} (dB)	L_{A10} (dB)	Comments
19/05/2016 - Night time						
1300-1400	64.4	44.9	76.5	58.1	66.9	Road traffic from Mill Hill, and to a lesser extent, the surrounding local road network.
1400-1500	64.9	48.9	79.9	59.4	67.2	
1500-1600	65.1	45.1	81.3	59.1	67.5	
Overall	64.8	44.9	81.3	58.8	67.2	

Monitoring Location 6 – To the south of the proposed development site, in the vicinity of Keepers Lodge						
Time	L_{Aeq} (dB)	L_{A min} (dB)	L_{A max} (dB)	L_{A90} (dB)	L_{A10} (dB)	Comments
11/08/2017 - Night time						
1030-1130	50.5	45.4	67.4	47.2	52.0	Distant road traffic from the M1 and M69. Occasional local road traffic. Insect noise.
1130-1230	51.3	45.8	82.4	48.1	52.0	
Overall	50.9	45.4	82.4	47.6	52.0	