

Noise Assessment

Report No: 2163 - R1 – The Longbow, Dartree Walk, S73 9DJ

Client: Kay Leach, 17 Stonyford Road, Low Valley, Wombwell, Barnsley, South Yorkshire, S73 8AF

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1. Introduction

A noise assessment has been carried out over a typical 24-hour period in order to assess the impact of noise from external sources on a proposed residential development at the property formerly known as The Longbow, Dartree Walk, Darfield, S73 9DJ. The survey was conducted at two monitoring positions covering a typical 24-hour period spanning Monday 25th November 2013 to Thursday 28th November 2013.

2. Scope

This report assesses the noise impact generated from existing sources, predominantly road traffic on the proposed development.

The scope for this assessment is as follows:

- a) A description of the sources of noise which the development site is likely to be subject to i.e. Passing Cars, delivery vehicles etc.
- b) An assessment of the impact which these sources have on the proposed development, including bedrooms, amenity areas and gardens, having regard to the following sources of guidance and assessment methodologies, where appropriate:
 - Noise Policy Statement for England
 - BS8233:1999 – Sound Insulation and Noise Reduction for Buildings.
 - World Health Organisation – Guidelines for Community Noise 1999.

A new document dealing with noise was released in March 2012 under the National Planning Policy Framework (NPPF). This document supersedes and replaces Planning Policy Guidance note 24 (PPG24) which previously covered issues related to noise and planning in England. Paragraph 123 of the NPPF states that planning policies and decisions should aim to:

- Avoid noise from giving rise to significant adverse impacts (see Explanatory Note to the Noise Policy Statement for England (DEFRA)) on health and quality of life as a result of new development;
- Mitigate and reduce to a minimum other adverse impacts (see Explanatory Note to the Noise Policy Statement for England (DEFRA)) on health and quality of life arising from noise from new development, including through the use of conditions;
- Recognise that development will often create some noise and existing businesses wanting to develop in continuance of their business should not have unreasonable restrictions put on them because of changes in nearby land use since they were established (Subject to the provisions of the Environmental Protection Act 1990 and other relevant law); and
- Identify and protect areas of tranquility which have remained relatively undisturbed by noise and are prized for their recreational and amenity value for this reason.

The Noise Policy Statement for England (NPSE) was developed by DEFRA and published in March 2010 with the stated aim to 'Promote good health and good quality of life through the effective management of noise within the context of Government policy on sustainable development.'

Noise Policy Statement England (NPSE)

Noise Policy Aims

Through the effective management and control of environmental, neighbour and neighbourhood noise within the context of Government policy on sustainable development:

- **avoid significant adverse impacts on health and quality of life;**
- **mitigate and minimise adverse impacts on health and quality of life; and**
- **where possible, contribute to the improvement of health and quality of life.**

A further stated aim is outlined in para 2.7:

2.7 In addition, the application of the NPSE should enable noise to be considered alongside other relevant issues and not to be considered in isolation. In the past, the wider benefits of a particular policy, development or other activity may not have been given adequate weight when assessing the noise implications.

BS8233:1999 Sound Insulation and Noise Reduction for Buildings.

BS8233 gives guidance for internal noise levels within buildings to achieve reasonable or good resting/sleeping conditions within residential properties as follows:

Room Type	Good dB L _{Aeq}	Reasonable dB L _{Aeq}
Living Rooms	30	40
Bedrooms	30	35

World Health Organisation – Guidelines for Community Noise 1999.

The World Health Organisation gives guidance for maximum recommended noise levels outside residential properties as follows:

Specific Environment	Critical health effect	dB L _{Aeq}	Time (hr)	dB L _{Amax}
Outdoor living area	Serious annoyance, daytime and evening	55	16	-
	Moderate annoyance, daytime and evening	50	16	-
Outside bedrooms	Sleep disturbance, window open (outdoor values)	45	8	60

3. Site Description

The proposed development has formerly been part of a public house complex and was specifically residential accommodation provided for the manager of the former Longbow public House. The main site itself has since been redeveloped into a Co-Operative retail premises and the bungalow adjoins this retail operation. The site is bounded by Barnsley Road to the east, Roundwood Way to the south with Dartree Walk to the west. The northern aspect of site is bounded by an adjacent school. Subjectively the dominant noise source affecting site is traffic from the surrounding area with noise from patrons of the school at both the start and end of the school day. It is understood the Local authority have expressed concerns regarding the potential for disturbance resulting from deliveries to the adjacent co operative store. It is further understood that it is acknowledged the existing air conditioning equipment servicing the store is not considered problematical due to its location.

Further, it is noted that the bungalow shares a small area of party wall surface with the retail store. Discussions with the client on site have identified this as a future bathroom wall area adjoining a store area of the retail operation and as such is not considered problematical.



Figure 1: - Site Location.

Position of Monitoring Equipment

Monitoring Position 1 ● was mounted at the proposed bedroom window façade of the residential dwelling. This façade adjoins the Co op delivery area

Monitoring Position 2 ● was mounted at the proposed lounge and bedroom façade of the residential dwelling. This façade fronts Dartree Walk and the school entrance.

4. Survey

Measurement Instrumentation

The measurement instrumentation used on the survey was as follows:

Equipment	Manufacturer & Type	Serial Number	Calibration Certificate
Sound Level Meter	Norsonic 118	28952	U12135
Sound Level Meter	Norsonic 118	30559	U10596
Acoustic Calibrator	Norsonic 1251	32856	U12134

The equipment was calibrated to comply with section 4.2 of BS7445:1-2003 before and after the surveys. The calibration was as follows:

Meter	Serial	Before		After	
Norsonic 118	28952	113.9	-25.9	113.9	-25.9
Norsonic 118	30559	113.8	-26.0	113.8	-26.0

Measurements & Timescales

During the survey 5-minute measurements were made over a full 24-hour period between Monday 25th and Thursday 28th November 2013. This was subsequently analysed into hourly periods.

The following measurements are reported: $L_{Aeq,1hour}$, $L_{Aeq,5min}$, $L_{Aeq,8hour}$, $L_{Aeq,16hour}$, $L_{AMax,5min}$

The measurements and their interpretation shall be in accordance with BS 7445: Parts 1 and 2. All sound pressure levels are in dB (re 20 μ Pa).

The equipment was positioned close to a façade and as such an appropriate façade correction of -3dB has been made.

Meteorology

During the survey visits the weather was considered to be dry with no discernible wind speed.

5. Results

Summary

Monitoring was carried out over a three day period to ensure delivery events were captured. The reported results represent the highest free field sound pressure levels at the façade of the proposed development. Full results are presented in the appendix for the monitoring period.

Monitoring Position 1 – Delivery Façade – Wednesday 27 th November 2013				
Measurement	Daytime	Hour Ending/ Period	Night-time	Hour Ending/ Period
Maximum dB $L_{Aeq,1hr}$	61	09:00	47	00:00
Minimum dB $L_{Aeq,1hr}$	48	08:00	40	03:00
Highest Night dB $L_{Amax,5Min}$	-	-	61	07:00
Average dB $L_{Aeq,16hr}/L_{Aeq,8hr}$	55	07:00 – 23:00	43	23:00 – 07:00

Monitoring Position 1 – Proposed façade adjacent Cooperative Delivery Area

The daytime hourly equivalent continuous sound pressure levels at the proposed façade on Wednesday 27th November 2013 ranged between 48dB $L_{Aeq,1hr}$ and 61dB $L_{Aeq,1hr}$ with an average level during the daytime period of 55dB $L_{Aeq,16hr}$.

The night-time hourly equivalent continuous sound pressure levels at the proposed façade ranged between 40dB $L_{Aeq,1hr}$ and 47dB $L_{Aeq,1hr}$ with an average level during the night-time period of 43dB $L_{Aeq,8hr}$. The 15th highest night-time individual noise event between the hours of 23:00 and 07:00 was 61dB $L_{Amax,5min}$.

Monitoring Position 2 – Dartree Walk Façade – Wednesday 27 th November 2013				
Measurement	Daytime	Hour Ending/ Period	Night-time	Hour Ending/ Period
Maximum dB $L_{Aeq,1hr}$	53	13:00	46	07:00
Minimum dB $L_{Aeq,1hr}$	42	23:00	36	04:00
Highest Night dB $L_{Amax,5Min}$	-	-	49	06:00
Average dB $L_{Aeq,16hr}/L_{Aeq,8hr}$	49	07:00 – 23:00	41	23:00 – 07:00

Monitoring Position 2 – Proposed façade, Dartree Walk

The daytime hourly equivalent continuous sound pressure levels at the proposed façade on Wednesday 27th November 2013 ranged between 42dB $L_{Aeq,1hr}$ and 53dB $L_{Aeq,1hr}$ with an average level during the daytime period of 49dB $L_{Aeq,16hr}$.

The night-time hourly equivalent continuous sound pressure levels at the proposed façade ranged between 36dB $L_{Aeq,1hr}$ and 46dB $L_{Aeq,1hr}$ with an average level during the night-time period of 41dB $L_{Aeq,8hr}$. The 15th highest night-time individual noise event between the hours of 23:00 and 07:00 was 49dB $L_{Amax,5min}$.

6. Design Criteria

Internal Design Criteria

The internal design criteria proposed is in line with the guidance from BS8233:1999 for indoor ambient noise levels within spaces when they are unoccupied. The proposed target criterion for bedrooms is in line with 'Good' and living areas is 'Tending Towards Good'.

Area	Internal Level, dB(A)
Bedrooms (23:00 – 07:00)	30dB
Living Rooms (07:00 – 23:00)	35dB ¹

BS8233:1999 further advises *“For a reasonable standard in bedrooms at night, individual noise events (measured with F time-weighting) should not normally exceed 45 dB L_{Amax} ”*.

The follow section gives recommendations for achieving the proposed internal design criteria.

¹ 35dB(A) in Living Areas is 'Tending Towards Good', BS8233:1999 recommends 30dB(A) as good and 40dB(A) as reasonable internal levels.

7. Mitigation

Glazing Design – Delivery Facade

The internal design criteria can be achieved through a glazing performance requirement. The following tables summarise the recorded levels on site and show the glazing performance requirement to achieve the criteria. This uses the simple calculation method from BS8233:1999. Standard forms of construction are assumed therefore it is likely the glazing will be the lowest performing façade element.

Position 1 Delivery Facade	Living Room Areas	Bedroom Areas
Average Case Levels	55 dB $L_{Aeq,16hr}$	43 dB $L_{Aeq,8hr}$
Internal Design Criteria	35 dB(A)	30 dB(A)
Glazing Performance Requirement	20 dB R_{TRA}	13 dB R_{TRA}

The glazing performance requirement is based on the road traffic corrected sound reduction index R_{TRA} .

BS8233 further advises:

“For a reasonable standard in bedrooms at night, individual noise events (measured with F time-weighting) should not normally exceed 45 dB L_{Amax} ”.

Further WHO guidance advises in Para 3.4

“For a good sleep, it is believed that indoor sound pressure levels should not exceed approximately 45dB L_{Amax} more than 10-15 times per night (Vallet & Vernet 1991)”

This criterion is examined below.

Position 1 Delivery Facade		Bedroom Areas
15 th Highest Level		61 dB L_{Amax}^2
Internal Design Criteria		45 dB L_{Amax}
Glazing Performance Requirement		16 dB R_{TRA}

It can be seen from the above table that the L_{Amax} criterion is greater than the L_{Aeq} criterion and as such this will be used in the specification of glazing units.

Glazing Design – Dartree Walk

The internal design criteria can be achieved through a glazing performance requirement. The following tables summarise the recorded levels on site and show the glazing performance requirement to achieve the criteria. This uses the simple calculation method from BS8233:1999. Standard forms of construction are assumed therefore it is likely the glazing will be the lowest performing façade element.

² Appendix presents the ordered L_{Amax} data

Position 2 Dartree Walk	Living Room Areas	Bedroom Areas
Average Case Levels	49 dB $L_{Aeq,1hr}$	41 dB $L_{Aeq,1hr}$
Internal Design Criteria	35 dB(A)	30 dB(A)
Glazing Performance Requirement	14 dB R_{TRA}	11 dB R_{TRA}

The glazing performance requirement is based on the road traffic corrected sound reduction index R_{TRA} .

BS8233 further advises:

“For a reasonable standard in bedrooms at night, individual noise events (measured with F time-weighting) should not normally exceed 45 dB L_{Amax} ”.

Further WHO guidance advises in Para 3.4

“For a good sleep, it is believed that indoor sound pressure levels should not exceed approximately 45dB L_{Amax} more than 10-15 times per night (Vallet & Vernet 1991)”

This criterion is examined below.

Position 2 – Dartree Walk		Bedroom Areas
15 th Highest Level		49 dB L_{Amax}^3
Internal Design Criteria		45 dB L_{Amax}
Glazing Performance Requirement		4 dB R_{TRA}

It can be seen from the above table that the L_{Aeq} criterion is greater than the L_{Amax} criterion and as such this will be used in the specification of glazing units.

³ Appendix presents the ordered L_{Amax} data

Glazing Configurations – All Façades

The table below is a summary of the typical performance of Pilkington glazed units as detailed in *Pilkington Design Guide “Glass & Noise Control” – Technical Bulletin May 1997*. Glazing from any other manufacturer can be used providing it can be shown that it will achieve the glazing performance requirements above.

Pilkington Configurations	dB R _{TRA}	Position A & B	
		Living	Bed
4.12.4	25	✓	✓
6.12.6	26	✓	✓
6.12.6-4pvb ⁴	27	✓	✓
10.12.4	29	✓	✓
10.12.6	32	✓	✓
10.12.6-4pvb	34	✓	✓
6.100.4 Secondary	37	✓	✓
6.150.4 Secondary	39	✓	✓
10.200.6 Secondary	45	✓	✓

All Facades – Pilkington glazing configuration of 4.12.4 performance achieves the specified dB R_{TRA} requirement for bedroom and living areas.

World Health Organisation – Guidelines for Community Noise 1999.

The World Health Organisation gives guidance for maximum recommended noise levels outside residential properties as follows:

Specific Environment	Critical health effect	dB	Time	dB
		L _{Aeq}	(hr)	L _{Amax}
Outdoor living area	Serious annoyance, daytime and evening	55	16	-
	Moderate annoyance, daytime and evening	50	16	-
Outside bedrooms	Sleep disturbance, window open (outdoor values)	45	8	60

It is noted that the levels shown to the co operative façade are within the “serious annoyance” criterion for outdoor living spaces and any garden area would benefit from the provision of a close boarded boundary fence. The sleep disturbance criterion identified is largely met, with position 1 exceeding the “open window” L_{Amax} criterion by 1dB which is not considered significant.

⁴ PVB laminated glass - polyvinyl butyrate.

8. Conclusions

The site has been surveyed in line with the recommendations in BS7445:1 – 2003 and BS7445:2 – 1991. This report has shown that ‘Good’ for bedroom and ‘tending towards Good’ for living areas, internal ambient levels from the guidance in BS8233:1999 can be achieved by using the correct glazing specification.

Consideration and recommendations have been made regarding the noise climate impacting the development. It has been shown that a glazing solution can allow the development to achieve the internal levels identified by the Local authority and in line with BS8233.

The highest glazing specification required to all facades for living areas to achieve the ‘Good’ internal ambient levels from the guidance in BS8233:1999 is 20dB R_{TRA} . Based on the Pilkington Design Guide performance tables, the glazing configuration that will achieve a performance of 25dB R_{TRA} is 4.12.4 double glazing.

The highest glazing specification required to all facades for bedroom areas to achieve ‘Good’ internal ambient levels from the guidance in BS8233:1999 is 16dB R_{TRA} . Based on the Pilkington Design Guide performance tables, the glazing configuration that will achieve a performance of 25dB R_{TRA} is 4.12.4 double glazing.

Care should be taken with regard to selection of ventilation so it shall not compromise the glazing specification and as such we would recommend Greenwood Airvac. Please contact Greenwood for the correct selection of acoustic vents based on our glazing performance specification.

Greenwood Airvac Contact: Mike Beck – M:07801 039584



Steve Clow MIOA
Acoustic Consultant

9. Appendix

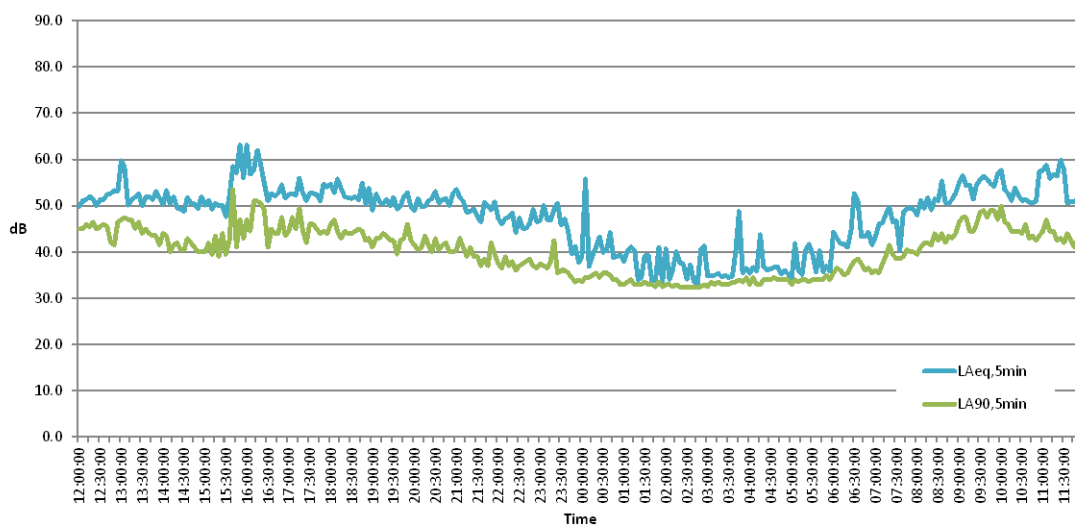
 Site: Position 1 - Adjacent Co Operative Delivery Door, Dartree Walk, Darfield, Barnsley. Table: 1 Report: 2163-R1 Start Date: 25/11/2013 End Date: 26/11/2013															
Time	LAeq	LA90	LAMax	Time	LAeq	LA90	LAMax	Time	LAeq	LA90	LAMax	Time	LAeq	LA90	LAMax
12:00	49.9	45.0	61.4	16:50	54.6	47.5	66.1	21:40	50.8	38.5	66.7	02:30	34.1	32.5	46.3
12:05	51.1	45.0	68.2	16:55	51.6	43.5	64.3	21:45	49.9	37.0	62.8	02:35	37.3	32.5	52.5
12:10	51.4	46.0	62.5	17:00	52.4	44.5	64.8	21:50	49.1	42.0	61.0	02:40	33.6	32.5	42.1
12:15	52.0	45.5	65.3	17:05	52.7	47.5	68.4	21:55	50.9	39.5	69.4	02:45	32.9	32.5	38.9
12:20	51.5	46.5	59.1	17:10	52.3	45.0	64.9	22:00	47.3	37.5	62.8	02:50	40.6	32.5	59.7
12:25	50.0	45.0	60.6	17:15	56.0	49.5	68.2	22:05	46.0	36.5	60.2	02:55	41.4	33.0	61.8
12:30	51.4	45.5	62.8	17:20	52.7	44.5	69.3	22:10	47.3	39.0	61.2	03:00	34.8	32.5	45.8
12:35	51.4	46.0	63.1	17:25	51.1	42.0	60.8	22:15	47.6	37.0	60.3	03:05	34.9	33.5	47.7
12:40	52.4	45.5	64.3	17:30	52.7	46.0	65.7	22:20	48.5	38.0	66.5	03:10	35.0	33.0	46.1
12:45	52.7	42.0	73.1	17:35	52.7	46.0	65.7	22:25	44.2	36.0	60.1	03:15	35.4	33.5	42.1
12:50	53.3	41.5	65.3	17:40	52.5	45.0	65.2	22:30	47.4	37.0	64.3	03:20	34.6	33.0	42.3
12:55	53.2	46.5	65.1	17:45	51.0	44.0	63.5	22:35	45.1	37.5	58.4	03:25	34.9	33.0	43.7
13:00	59.8	47.0	84.4	17:50	54.8	44.5	70.1	22:40	45.1	38.0	59.6	03:30	34.5	33.0	40.6
13:05	58.4	47.5	80.6	17:55	54.1	44.0	71.3	22:45	46.2	38.5	59.2	03:35	34.7	33.5	41.9
13:10	50.1	47.0	58.6	18:00	54.8	46.0	73.1	22:50	49.3	37.0	66.5	03:40	39.9	33.5	60.3
13:15	51.3	47.0	61.1	18:05	52.8	47.0	66.8	22:55	46.5	36.5	61.9	03:45	48.8	34.0	69.7
13:20	51.9	45.0	65.1	18:10	55.8	44.5	74.2	23:00	46.8	37.5	64.1	03:50	35.4	33.5	42.7
13:25	52.6	46.5	64.5	18:15	53.8	43.0	73.0	23:05	50.1	37.0	68.0	03:55	36.5	34.5	41.9
13:30	50.0	44.0	59.4	18:20	52.0	44.5	64.1	23:10	47.0	36.5	62.1	04:00	35.4	33.0	39.4
13:35	51.9	45.0	64.8	18:25	51.7	44.0	61.3	23:15	46.9	38.0	61.6	04:05	36.7	34.5	42.9
13:40	52.0	44.0	67.1	18:30	51.6	44.0	67.6	23:20	49.2	42.5	60.3	04:10	35.9	33.0	47.4
13:45	51.3	43.5	64.4	18:35	52.0	44.5	62.2	23:25	50.6	35.5	67.5	04:15	43.8	33.0	64.1
13:50	53.2	43.5	69.2	18:40	51.2	45.0	63.5	23:30	45.8	36.0	60.3	04:20	36.9	34.0	45.7
13:55	51.7	41.5	63.7	18:45	54.9	44.5	71.1	23:35	47.2	36.0	62.4	04:25	36.1	34.0	43.1
14:00	50.3	44.0	60.9	18:50	50.4	42.5	61.9	23:40	44.6	35.5	57.1	04:30	36.4	34.0	44.1
14:05	53.3	43.5	70.3	18:55	53.8	43.0	67.7	23:45	39.6	34.5	56.3	04:35	36.7	34.5	42.6
14:10	50.5	40.0	63.4	19:00	49.1	41.0	60.0	23:50	41.3	33.5	58.8	04:40	36.9	34.0	48.0
14:15	52.0	41.5	71.1	19:05	52.6	43.0	70.2	23:55	37.7	34.0	51.4	04:45	35.2	34.0	41.4
14:20	49.5	42.0	60.3	19:10	50.9	43.0	67.4	00:00	39.1	33.5	58.0	04:50	36.0	34.0	41.2
14:25	49.3	40.5	59.7	19:15	50.4	44.0	61.5	00:05	55.8	34.5	80.3	04:55	35.2	34.0	45.3
14:30	48.8	40.5	60.0	19:20	51.4	43.5	60.8	00:10	36.9	34.5	46.9	05:00	34.2	33.0	39.8
14:35	51.9	43.0	62.3	19:25	50.0	42.5	58.7	00:15	39.2	35.0	56.5	05:05	41.9	34.0	57.5
14:40	50.5	42.0	62.7	19:30	51.9	42.5	69.4	00:20	41.1	35.5	54.5	05:10	35.9	33.5	45.1
14:45	50.5	41.0	62.2	19:35	49.3	39.5	60.5	00:25	43.3	34.5	58.6	05:15	35.1	34.0	39.5
14:50	49.4	40.0	63.0	19:40	50.0	42.5	66.6	00:30	39.9	35.5	54.8	05:20	40.3	34.0	57.9
14:55	52.0	40.0	64.8	19:45	52.0	43.0	67.1	00:35	40.5	35.5	53.6	05:25	41.7	33.5	59.3
15:00	50.1	40.0	65.3	19:50	52.9	46.0	63.4	00:40	44.2	35.0	64.8	05:30	39.5	34.0	57.9
15:05	51.2	42.0	64.1	19:55	49.7	42.5	62.2	00:45	38.8	34.0	53.7	05:35	35.7	34.0	39.8
15:10	49.2	39.5	61.9	20:00	49.0	41.5	59.5	00:50	39.0	34.0	54.5	05:40	40.3	34.0	57.1
15:15	50.6	43.5	60.9	20:05	51.6	40.5	71.7	00:55	39.4	33.0	54.7	05:45	35.6	34.0	42.8
15:20	50.0	39.0	66.6	20:10	49.8	41.0	60.6	01:00	38.0	33.0	56.4	05:50	37.0	35.0	44.3
15:25	50.2	44.0	59.2	20:15	49.9	43.5	59.8	01:05	40.3	33.5	55.2	05:55	35.8	34.0	44.4
15:30	47.6	39.5	63.9	20:20	51.0	41.5	65.2	01:10	41.1	34.0	60.9	06:00	44.4	35.5	61.2
15:35	52.1	42.5	71.4	20:25	51.6	40.0	73.5	01:15	40.4	33.0	56.1	06:05	43.0	36.5	58.6
15:40	58.5	53.5	79.5	20:30	53.1	43.0	67.2	01:20	34.1	33.0	39.9	06:10	41.9	36.0	60.0
15:45	57.1	41.0	80.6	20:35	50.6	40.5	69.0	01:25	34.3	33.0	40.2	06:15	41.7	35.0	58.6
15:50	63.1	47.0	90.2	20:40	51.3	41.5	67.8	01:30	39.2	33.5	55.6	06:20	41.0	35.5	59.2
15:55	56.0	43.0	74.5	20:45	51.6	42.0	70.4	01:35	39.3	33.0	54.8	06:25	44.6	37.0	60.9
16:00	63.1	47.0	79.1	20:50	50.0	40.0	65.5	01:40	33.8	33.0	38.8	06:30	52.7	38.0	70.8
16:05	56.8	44.5	81.8	20:55	52.7	40.0	74.9	01:45	33.8	32.5	39.7	06:35	51.2	38.5	62.0
16:10	57.7	51.0	71.4	21:00	53.5	40.5	73.1	01:50	41.0	33.5	55.7	06:40	43.4	37.5	58.4
16:15	62.1	51.0	85.4	21:05	51.9	43.0	69.2	01:55	33.5	32.5	42.2	06:45	43.3	36.0	57.9
16:20	58.8	50.5	75.9	21:10	51.0	41.0	63.7	02:00	40.7	33.0	54.4	06:50	44.4	36.5	60.5
16:25	54.8	49.0	68.9	21:15	48.5	39.0	61.5	02:05	34.1	33.0	41.6	06:55	41.5	35.5	57.0
16:30	51.0	41.0	64.6	21:20	48.9	41.0	61.2	02:10	36.1	32.5	46.1	07:00	43.3	36.0	59.0
16:35	52.6	45.0	62.2	21:25	49.4	39.0	64.9	02:15	40.1	33.0	57.7	07:05	46.0	35.5	69.0
16:40	52.1	44.0	65.2	21:30	47.6	39.0	62.0	02:20	37.7	32.5	54.4	07:10	46.4	37.5	61.5
16:45	52.7	44.0	68.1	21:35	46.5	37.0	64.7	02:25	37.4	32.5	55.1	07:15	48.1	39.0	62.5

Position 1 Table 1 Data

Hourly Summary

Hour End	LAeq,1Hour	Min LA90,5min	Max LAmax, 5min
00:00	47.0	33.5	68.0
01:00	46.3	33.0	80.3
02:00	38.4	32.5	60.9
03:00	38.1	32.5	61.8
04:00	39.9	32.5	69.7
05:00	37.6	33.0	64.1
06:00	38.6	33.0	59.3
07:00	46.4	35.0	70.8
08:00	47.7	35.5	69.0
09:00	51.5	39.5	76.2
10:00	55.2	44.5	83.0
11:00	53.6	42.5	83.2
12:00	56.0	41.0	83.8
13:00	51.8	41.5	73.1
14:00	54.2	41.5	84.4
15:00	50.9	40.0	71.1
16:00	55.8	39.0	90.2
17:00	57.6	41.0	85.4
18:00	53.1	42.0	71.3
19:00	53.2	42.5	74.2
20:00	51.0	39.5	70.2
21:00	51.2	40.0	74.9
22:00	50.2	37.0	73.1
23:00	46.9	36.0	66.5

Background Noise - Position 1 - Adjacent Co Operative Delivery Door, Dartree Walk, Darfield, Barnsley.



Position 1 Table 1 Summary

				Dartree Walk - Adjacent Co Op Delivery Façade - 25/11/13				
Rank	Time	LA Max	Rank	Time	LA Max	Rank	Time	LA Max
1	00:05:00	80.3	62	00:10:00	46.9			
2	06:30:00	70.8	63	02:30:00	46.3			
3	03:45:00	69.7	64	02:10:00	46.1			
4	23:05:00	68.0	65	03:10:00	46.1			
5	23:25:00	67.5	66	03:00:00	45.8			
6	00:40:00	64.8	67	04:20:00	45.7			
7	23:00:00	64.1	68	04:55:00	45.3			
8	04:15:00	64.1	69	05:10:00	45.1			
9	23:35:00	62.4	70	05:55:00	44.4			
10	23:10:00	62.1	71	05:50:00	44.3			
11	06:35:00	62.0	72	04:30:00	44.1			
12	02:55:00	61.8	73	03:25:00	43.7			
13	23:15:00	61.6	74	04:25:00	43.1			
14	06:00:00	61.2	75	04:05:00	42.9			
15	01:10:00	60.9	76	05:45:00	42.8			
16	06:25:00	60.9	77	03:50:00	42.7			
17	06:50:00	60.5	78	04:35:00	42.6			
18	23:20:00	60.3	79	03:20:00	42.3			
19	23:30:00	60.3	80	01:55:00	42.2			
20	03:40:00	60.3	81	02:40:00	42.1			
21	06:10:00	60.0	82	03:15:00	42.1			
22	02:50:00	59.7	83	03:35:00	41.9			
23	05:25:00	59.3	84	03:55:00	41.9			
24	06:20:00	59.2	85	02:05:00	41.6			
25	07:00:00	59.0	86	04:45:00	41.4			
26	23:50:00	58.8	87	04:50:00	41.2			
27	00:25:00	58.6	88	03:30:00	40.6			
28	06:05:00	58.6	89	01:25:00	40.2			
29	06:15:00	58.6	90	01:20:00	39.9			
30	06:40:00	58.4	91	05:00:00	39.8			
31	00:00:00	58.0	92	05:35:00	39.8			
32	05:20:00	57.9	93	01:45:00	39.7			
33	05:30:00	57.9	94	05:15:00	39.5			
34	06:45:00	57.9	95	04:00:00	39.4			
35	02:15:00	57.7	96	02:45:00	38.9			
36	05:05:00	57.5						
37	23:40:00	57.1						
38	05:40:00	57.1						
39	06:55:00	57.0						
40	00:15:00	56.5						
41	01:00:00	56.4						
42	23:45:00	56.3						
43	01:15:00	56.1						
44	01:50:00	55.7						
45	01:30:00	55.6						
46	01:05:00	55.2						
47	02:25:00	55.1						
48	00:30:00	54.8						
49	01:35:00	54.8						
50	00:55:00	54.7						
51	00:20:00	54.5						
52	00:50:00	54.5						
53	02:00:00	54.4						
54	02:20:00	54.4						
55	00:45:00	53.7						
56	00:35:00	53.6						
57	02:35:00	52.5						
58	23:55:00	51.4						
59	04:40:00	48.0						
60	03:05:00	47.7						
61	04:10:00	47.4						

Position 1 Table 1 L_{Amax} Summary

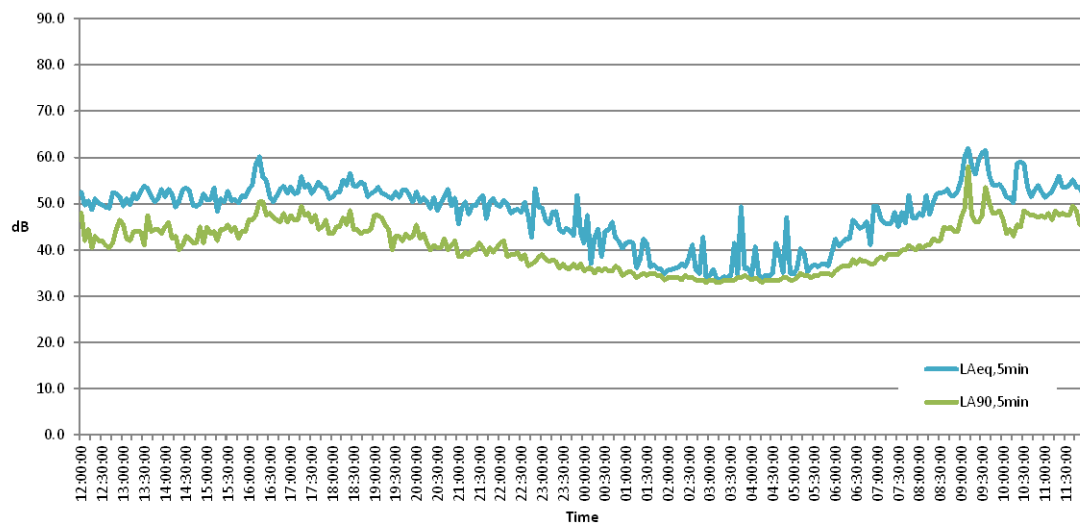
				Site: Position 1 - Adjacent Co Operative Delivery Door, Dartree Walk, Darfield, Barnsley. Table: 1.1 Report: 2163-R1 Start Date: 26/11/2013 End Date: 27/11/2013															
Time	LAeq	LA90	LAMax	Time	LAeq	LA90	LAMax	Time	LAeq	LA90	LAMax	Time	LAeq	LA90	LAMax	Time	LAeq	LA90	LAMax
12:00	52.5	48.0	63.8	16:50	53.8	48.0	65.3	21:40	46.8	39.0	57.8	02:30	38.3	34.0	55.3	07:20	45.8	39.0	62.2
12:05	49.7	42.0	59.3	16:55	52.3	46.0	64.0	21:45	50.4	40.5	61.1	02:35	41.1	34.0	60.1	07:25	48.2	39.0	65.6
12:10	50.6	44.5	62.9	17:00	53.7	47.5	72.3	21:50	51.2	39.5	64.6	02:40	35.6	33.5	46.5	07:30	45.0	39.0	62.4
12:15	48.7	40.5	59.9	17:05	52.2	46.5	69.1	21:55	49.8	40.5	72.2	02:45	34.9	33.5	39.6	07:35	48.2	40.0	60.9
12:20	51.1	43.0	68.0	17:10	52.4	46.5	63.8	22:00	49.4	41.5	63.8	02:50	42.8	33.5	60.7	07:40	45.8	40.0	61.2
12:25	50.1	42.0	63.5	17:15	55.9	49.5	68.0	22:05	50.8	42.0	63.2	02:55	34.1	33.0	42.6	07:45	51.8	41.0	66.2
12:30	49.8	42.0	61.1	17:20	53.5	47.5	69.8	22:10	50.0	38.5	61.9	03:00	34.5	33.5	40.5	07:50	47.0	40.5	59.4
12:35	49.3	41.0	59.1	17:25	54.3	48.0	69.7	22:15	48.0	39.0	61.7	03:05	35.8	33.5	54.4	07:55	46.9	40.0	60.5
12:40	49.1	40.5	63.5	17:30	52.2	46.0	62.3	22:20	48.6	39.0	60.4	03:10	33.8	33.0	40.8	08:00	48.0	41.0	61.4
12:45	52.4	41.5	63.8	17:35	53.4	47.5	67.2	22:25	48.8	39.5	62.7	03:15	33.7	33.0	36.5	08:05	47.4	40.5	61.0
12:50	52.2	44.5	69.9	17:40	54.7	44.5	68.1	22:30	48.1	38.0	65.5	03:20	34.2	33.5	42.2	08:10	51.9	41.0	65.4
12:55	51.5	46.5	65.3	17:45	53.5	45.0	75.5	22:35	50.4	39.0	64.9	03:25	34.1	33.5	38.7	08:15	47.7	41.0	62.6
13:00	49.5	45.5	59.8	17:50	53.3	46.5	66.3	22:40	47.5	36.5	61.4	03:30	34.5	33.5	40.2	08:20	50.4	42.5	60.9
13:05	51.2	42.5	65.0	17:55	51.2	43.5	64.8	22:45	42.8	37.0	56.5	03:35	41.5	33.5	61.3	08:25	52.2	42.0	64.5
13:10	49.8	42.0	61.0	18:00	51.5	43.5	62.0	22:50	53.3	37.5	76.8	03:40	34.7	34.0	40.0	08:30	52.4	42.0	70.9
13:15	52.2	44.0	67.0	18:05	52.5	45.0	64.8	22:55	49.3	38.5	72.6	03:45	49.4	34.0	66.7	08:35	52.5	45.0	65.6
13:20	51.0	44.0	63.6	18:10	52.5	45.0	66.6	23:00	49.1	39.0	63.9	03:50	36.0	34.5	44.4	08:40	53.2	44.5	69.3
13:25	52.6	44.0	64.0	18:15	55.2	47.0	76.8	23:05	46.4	38.0	58.6	03:55	36.0	34.0	44.0	08:45	51.8	45.0	63.3
13:30	53.9	41.0	67.3	18:20	54.0	45.5	67.7	23:10	45.6	37.5	58.6	04:00	34.5	33.5	42.1	08:50	51.7	44.0	66.7
13:35	53.3	47.5	65.6	18:25	56.6	48.5	73.8	23:15	48.2	38.0	57.6	04:05	40.7	34.0	55.9	08:55	52.8	44.0	63.4
13:40	51.6	44.0	63.9	18:30	53.8	44.5	79.1	23:20	48.3	37.5	63.6	04:10	34.7	33.5	45.4	09:00	55.1	47.0	67.6
13:45	50.4	44.5	60.3	18:35	53.8	44.5	67.4	23:25	44.4	36.0	58.7	04:15	33.9	33.0	50.1	09:05	60.2	49.0	81.1
13:50	51.2	44.5	63.6	18:40	54.7	43.5	75.3	23:30	43.8	37.0	58.5	04:20	34.5	33.5	41.2	09:10	62.1	58.0	73.6
13:55	53.2	43.5	71.1	18:45	54.3	44.0	72.2	23:35	44.7	36.0	59.3	04:25	34.4	33.5	41.2	09:15	58.3	47.5	76.6
14:00	51.5	45.0	62.6	18:50	51.5	44.0	62.8	23:40	44.1	36.0	56.0	04:30	34.9	33.5	41.6	09:20	56.4	46.0	76.9
14:05	53.2	46.0	67.9	18:55	52.2	44.5	65.0	23:45	43.1	37.0	59.2	04:35	41.5	33.5	59.2	09:25	59.4	46.0	76.7
14:10	52.1	42.5	63.4	19:00	52.7	47.5	69.4	23:50	51.9	36.0	80.5	04:40	38.8	33.5	55.5	09:30	61.0	47.5	82.5
14:15	49.3	43.0	61.0	19:05	53.6	47.5	69.8	23:55	43.6	37.0	66.1	04:45	35.1	34.0	41.9	09:35	61.5	53.5	70.5
14:20	50.6	40.0	62.6	19:10	52.4	47.0	62.5	00:00	41.5	35.5	58.4	04:50	47.1	34.0	61.9	09:40	56.3	50.5	69.7
14:25	53.1	41.0	72.9	19:15	52.0	45.5	66.6	00:05	47.5	36.0	71.2	04:55	35.0	33.5	40.1	09:45	54.1	48.0	68.3
14:30	53.4	43.0	70.7	19:20	51.5	44.5	67.5	00:10	37.1	36.0	41.4	05:00	34.8	33.5	39.7	09:50	54.0	48.0	65.9
14:35	52.9	42.5	65.7	19:25	51.2	40.0	65.2	00:15	42.6	35.0	58.1	05:05	36.0	34.0	50.1	09:55	54.2	48.5	67.5
14:40	49.7	41.5	61.7	19:30	52.6	43.0	68.3	00:20	44.6	36.0	67.0	05:10	40.3	35.0	58.5	10:00	53.1	46.5	65.2
14:45	49.5	41.5	60.7	19:35	51.4	43.0	63.3	00:25	38.6	35.5	51.0	05:15	39.5	34.5	57.1	10:05	51.4	43.5	67.3
14:50	49.9	45.0	60.3	19:40	52.9	42.0	65.0	00:30	44.1	36.0	64.7	05:20	35.3	34.5	44.1	10:10	51.4	44.5	61.7
14:55	52.2	41.5	62.2	19:45	53.1	43.5	71.5	00:35	44.4	35.5	58.3	05:25	36.4	34.0	45.5	10:15	50.2	43.0	61.9
15:00	50.8	45.0	62.6	19:50	51.9	42.5	66.1	00:40	46.0	35.5	62.6	05:30	36.9	34.5	43.7	10:20	58.7	45.5	71.4
15:05	50.9	43.5	62.2	19:55	50.4	43.0	69.9	00:45	42.8	36.5	58.6	05:35	36.4	34.5	42.6	10:25	59.1	45.0	79.7
15:10	53.5	44.0	61.7	20:00	52.6	45.5	65.8	00:50	41.9	36.0	53.1	05:40	37.0	35.0	48.5	10:30	58.6	48.5	85.2
15:15	48.4	42.0	60.1	20:05	50.5	42.5	63.4	00:55	40.4	34.5	55.5	05:45	37.0	35.0	47.5	10:35	53.5	48.0	66.3
15:20	51.1	44.5	60.9	20:10	51.3	43.5	62.2	01:00	41.5	35.0	55.2	05:50	36.6	35.0	43.7	10:40	51.5	47.5	65.7
15:25	50.4	44.5	59.8	20:15	50.5	41.5	63.3	01:05	41.9	35.5	59.2	05:55	39.5	34.5	52.1	10:45	52.9	47.5	62.3
15:30	52.8	45.5	60.7	20:20	49.0	40.0	61.8	01:10	41.5	35.0	57.2	06:00	42.4	35.5	57.1	10:50	54.0	47.0	70.7
15:35	50.7	44.0	60.6	20:25	51.4	41.0	64.1	01:15	36.1	34.0	44.7	06:05	40.9	36.0	58.5	10:55	52.7	47.5	63.6
15:40	50.9	45.0	72.4	20:30	48.5	40.5	58.9	01:20	38.0	34.5	52.0	06:10	41.7	36.5	58.1	11:00	51.4	47.0	63.9
15:45	50.2	42.5	63.2	20:35	50.2	40.5	74.3	01:25	42.4	35.0	60.5	06:15	42.4	36.5	57.5	11:05	52.0	48.0	64.6
15:50	51.7	44.0	64.3	20:40	51.5	42.5	62.9	01:30	41.4	34.5	57.8	06:20	42.5	36.5	59.5	11:10	52.6	46.5	71.1
15:55	51.5	44.0	68.6	20:45	53.2	40.0	68.8	01:35	36.4	35.0	43.9	06:25	46.5	38.0	59.3	11:15	54.2	48.5	70.8
16:00	53.1	46.5	77.6	20:50	49.5	41.0	59.4	01:40	36.9	35.0	47.2	06:30	45.7	37.0	64.0	11:20	56.0	47.5	72.9
16:05	54.0	46.5	67.5	20:55	51.3	42.0	62.7	01:45	36.0	34.5	45.8	06:35	44.7	38.0	58.0	11:25	53.5	48.0	64.5
16:10	58.6	47.5	76.0	21:00	45.6	38.5	60.6	01:50	35.9	34.5	44.3	06:40	45.1	37.5	61.2	11:30	53.6	47.5	68.0
16:15	60.2	50.5	71.7	21:05	49.1	38.5	64.7	01:55	34.8	33.5	43.1	06:45	46.2	37.5	59.5	11:35	54.0	47.5	69.8
16:20	55.8	50.5	68.9	21:10	50.4	39.5	62.7	02:00	35.7	34.0	44.7	06:50	41.1	37.0	57.2	11:40	55.2	49.5	71.1
16:25	55.0	47.5	74.0	21:15	47.8	39.0	59.3	02:05	35.8	34.0	45.9	06:55	49.5	37.0	66.5	11:45	53.6	48.5	69.3
16:30	51.5	48.0	62.9	21:20	49.7	40.0	67.0	02:10	36.0	34.0	47.7	07:00	49.4	38.0	64.3	11:50	53.6	45.5	67.5
16:35	50.4	47.0	61.0	21:25	49.6	40.0	70.2	02:15	36.3	34.0	49.9	07:05	46.7	38.5	59.9	11:55	51.7	46.5	62.7
16:40	51.8	46.5	62.2	21:30	51.0	41.5	71.2	02:20	37.1	33.5	52.3	07:10	45.8	38.0	62.4				
16:45	53.2	46.0	67.0	21:35	51.9	40.5	68.2	02:25	36.4	34.5	48.6	07:15	45.7	39.0	59.9				

Position 1 Table 1.1 Data

Hourly Summary

Hour End	LAeq,1Hour	Min LA90,5min	Max LAmax, 5min
00:00	47.0	36.0	80.5
01:00	43.5	34.5	71.2
02:00	39.4	33.5	60.5
03:00	37.9	33.0	60.7
04:00	40.4	33.0	66.7
05:00	39.5	33.0	61.9
06:00	37.5	33.5	58.5
07:00	44.9	35.5	66.5
08:00	47.7	38.0	66.2
09:00	51.4	40.5	70.9
10:00	58.7	46.0	82.5
11:00	55.1	43.0	85.2
12:00	53.7	45.5	72.9
13:00	50.8	40.5	69.9
14:00	51.9	41.0	71.1
15:00	51.7	40.0	72.9
16:00	51.2	42.0	72.4
17:00	55.2	46.0	77.6
18:00	53.5	43.5	75.5
19:00	53.8	43.5	79.1
20:00	52.2	40.0	71.5
21:00	51.0	40.0	74.3
22:00	49.8	38.5	72.2
23:00	49.5	36.5	76.8

Background Noise - Position 1 - Adjacent Co Operative Delivery Door, Dartree Walk, Darfield, Barnsley.



Position 1 Table 1.1 Summary

				Dartree Walk - Adjacent Co Op Delivery Façade - 26/11/13				
Rank	Time	LA Max	Rank	Time	LA Max	Rank	Time	LA Max
1	23:50:00	80.5	62	02:10:00	47.7			
2	00:05:00	71.2	63	05:45:00	47.5			
3	00:20:00	67.0	64	01:40:00	47.2			
4	03:45:00	66.7	65	02:40:00	46.5			
5	06:55:00	66.5	66	02:05:00	45.9			
6	23:55:00	66.1	67	01:45:00	45.8			
7	00:30:00	64.7	68	05:25:00	45.5			
8	07:00:00	64.3	69	04:10:00	45.4			
9	06:30:00	64.0	70	01:15:00	44.7			
10	23:00:00	63.9	71	02:00:00	44.7			
11	23:20:00	63.6	72	03:50:00	44.4			
12	00:40:00	62.6	73	01:50:00	44.3			
13	04:50:00	61.9	74	05:20:00	44.1			
14	03:35:00	61.3	75	03:55:00	44.0			
15	06:40:00	61.2	76	01:35:00	43.9			
16	02:50:00	60.7	77	05:30:00	43.7			
17	01:25:00	60.5	78	05:50:00	43.7			
18	02:35:00	60.1	79	01:55:00	43.1			
19	06:20:00	59.5	80	02:55:00	42.6			
20	06:45:00	59.5	81	05:35:00	42.6			
21	23:35:00	59.3	82	03:20:00	42.2			
22	06:25:00	59.3	83	04:00:00	42.1			
23	23:45:00	59.2	84	04:45:00	41.9			
24	01:05:00	59.2	85	04:30:00	41.6			
25	04:35:00	59.2	86	00:10:00	41.4			
26	23:25:00	58.7	87	04:20:00	41.2			
27	23:05:00	58.6	88	04:25:00	41.2			
28	23:10:00	58.6	89	03:10:00	40.8			
29	00:45:00	58.6	90	03:00:00	40.5			
30	23:30:00	58.5	91	03:30:00	40.2			
31	05:10:00	58.5	92	04:55:00	40.1			
32	06:05:00	58.5	93	03:40:00	40.0			
33	00:00:00	58.4	94	05:00:00	39.7			
34	00:35:00	58.3	95	02:45:00	39.6			
35	00:15:00	58.1	96	03:25:00	38.7			
36	06:10:00	58.1						
37	06:35:00	58.0						
38	01:30:00	57.8						
39	23:15:00	57.6						
40	06:15:00	57.5						
41	01:10:00	57.2						
42	06:50:00	57.2						
43	05:15:00	57.1						
44	06:00:00	57.1						
45	23:40:00	56.0						
46	04:05:00	55.9						
47	00:55:00	55.5						
48	04:40:00	55.5						
49	02:30:00	55.3						
50	01:00:00	55.2						
51	03:05:00	54.4						
52	00:50:00	53.1						
53	02:20:00	52.3						
54	05:55:00	52.1						
55	01:20:00	52.0						
56	00:25:00	51.0						
57	04:15:00	50.1						
58	05:05:00	50.1						
59	02:15:00	49.9						
60	02:25:00	48.6						
61	05:40:00	48.5						

Position 1 Table 1.1 L_{Amax} Summary

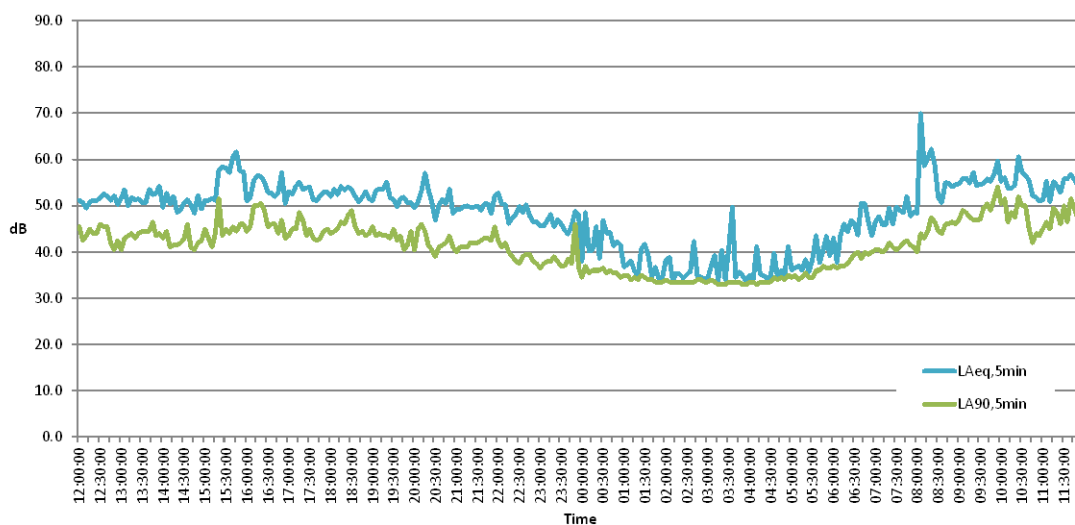
				Site: Position 1 - Adjacent Co Operative Delivery Door, Dartree Walk, Darfield, Barnsley.											
				Table: 1.2				Start Date: 27/11/2013							
				Report: 2163-R1				End Date: 28/11/2013							
Time	LAeq	LA90	LAMax	Time	LAeq	LA90	LAMax	Time	LAeq	LA90	LAMax	Time	LAeq	LA90	LAMax
12:00	51.2	45.5	62.8	16:50	57.2	47.0	81.8	21:40	50.4	43.0	62.6	02:30	35.1	33.5	43.8
12:05	50.7	42.5	64.5	16:55	50.5	43.0	63.2	21:45	50.4	43.0	65.2	02:35	35.8	33.5	44.8
12:10	49.5	43.5	60.6	17:00	53.1	43.5	67.9	21:50	48.3	42.5	60.2	02:40	42.3	33.5	61.8
12:15	50.9	45.0	63.4	17:05	52.5	45.0	62.3	21:55	52.1	45.5	67.3	02:45	34.7	34.0	41.4
12:20	51.1	44.0	63.8	17:10	54.2	45.0	70.0	22:00	52.8	42.5	66.6	02:50	34.6	34.0	40.9
12:25	51.2	44.0	62.5	17:15	55.1	48.5	71.3	22:05	50.5	41.0	65.0	02:55	34.3	33.5	44.1
12:30	51.7	46.0	60.7	17:20	53.5	47.0	69.0	22:10	50.3	42.0	62.9	03:00	34.3	33.5	41.2
12:35	52.6	45.5	64.2	17:25	53.9	43.5	72.2	22:15	46.2	40.0	56.5	03:05	37.0	34.0	49.4
12:40	52.1	45.5	64.4	17:30	54.1	45.0	70.9	22:20	47.4	39.0	59.5	03:10	39.3	33.5	56.4
12:45	51.2	42.0	63.6	17:35	51.4	43.0	63.1	22:25	48.2	38.0	65.2	03:15	33.9	33.0	39.6
12:50	52.2	40.5	65.6	17:40	51.1	42.5	65.6	22:30	49.9	37.5	65.4	03:20	40.4	33.0	59.3
12:55	50.2	42.5	59.5	17:45	52.2	43.0	64.8	22:35	48.5	39.0	62.3	03:25	34.0	33.0	40.5
13:00	51.7	40.5	63.9	17:50	53.0	44.5	65.2	22:40	50.3	39.5	60.3	03:30	41.0	33.5	57.4
13:05	53.5	43.0	64.4	17:55	53.0	45.0	70.4	22:45	47.9	39.5	60.2	03:35	49.7	33.5	68.3
13:10	50.0	43.5	59.1	18:00	52.0	44.0	66.2	22:50	46.5	38.0	59.1	03:40	34.5	33.5	40.4
13:15	51.9	44.0	64.8	18:05	53.6	44.5	80.5	22:55	46.6	37.5	61.9	03:45	35.7	33.5	46.7
13:20	51.3	43.0	62.5	18:10	52.4	45.0	65.4	23:00	45.7	36.5	61.5	03:50	34.9	33.0	44.7
13:25	51.5	44.0	65.9	18:15	54.2	46.5	72.6	23:05	45.6	37.5	59.2	03:55	33.5	33.0	43.6
13:30	50.6	44.5	66.7	18:20	53.4	46.0	64.0	23:10	46.9	38.0	59.0	04:00	35.0	33.5	46.0
13:35	50.7	44.5	62.1	18:25	54.1	48.0	70.8	23:15	48.1	38.0	66.2	04:05	34.0	33.5	37.7
13:40	53.6	44.5	70.6	18:30	53.6	49.0	69.2	23:20	45.5	39.0	59.4	04:10	41.2	33.0	58.1
13:45	52.4	46.5	65.8	18:35	52.1	45.5	65.5	23:25	47.0	38.0	60.6	04:15	35.1	33.5	45.2
13:50	52.7	43.5	67.5	18:40	50.9	44.0	65.7	23:30	46.1	37.0	58.4	04:20	34.9	33.5	42.5
13:55	54.3	44.0	71.5	18:45	51.8	44.5	62.2	23:35	44.7	37.0	58.9	04:25	34.4	33.5	40.4
14:00	49.7	43.0	60.8	18:50	53.1	43.5	65.5	23:40	43.9	38.5	56.1	04:30	34.6	33.5	42.9
14:05	52.8	44.5	68.5	18:55	51.6	44.0	62.2	23:45	45.8	37.5	66.4	04:35	39.7	34.5	57.2
14:10	50.4	41.0	64.9	19:00	51.1	45.5	60.8	23:50	48.9	46.0	61.2	04:40	34.6	34.0	38.2
14:15	52.1	41.5	66.2	19:05	53.4	43.5	70.0	23:55	48.0	36.5	62.6	04:45	36.0	34.5	41.8
14:20	48.6	41.5	60.0	19:10	53.7	44.0	69.4	00:00	38.0	34.5	53.1	04:50	35.1	34.0	38.5
14:25	49.1	42.0	61.6	19:15	53.6	43.5	69.5	00:05	48.5	37.0	65.4	04:55	41.2	35.0	59.7
14:30	50.7	43.0	63.6	19:20	55.2	43.5	75.8	00:10	40.2	35.5	58.2	05:00	36.1	34.5	46.4
14:35	51.3	46.0	65.5	19:25	51.8	43.0	60.0	00:15	40.4	36.0	56.4	05:05	36.6	35.0	44.9
14:40	50.3	41.0	68.7	19:30	51.4	45.0	63.2	00:20	45.5	36.0	60.2	05:10	37.0	34.0	43.6
14:45	48.4	40.5	59.1	19:35	49.8	42.5	60.7	00:25	38.7	36.0	50.8	05:15	36.1	34.5	40.5
14:50	52.3	42.0	64.0	19:40	51.6	43.5	62.4	00:30	46.9	36.5	67.4	05:20	38.4	35.5	46.1
14:55	49.3	42.5	62.3	19:45	51.9	40.5	72.7	00:35	44.1	35.5	61.8	05:25	35.7	34.5	43.1
15:00	51.2	45.0	60.3	19:50	50.7	41.5	61.9	00:40	44.2	36.0	58.0	05:30	38.5	34.5	54.8
15:05	51.2	43.0	62.3	19:55	50.7	44.5	60.6	00:45	41.3	35.5	55.4	05:35	43.5	36.0	60.5
15:10	51.6	41.0	76.3	20:00	49.6	40.5	59.0	00:50	42.2	35.5	58.0	05:40	37.7	36.0	44.1
15:15	51.2	44.0	66.9	20:05	50.8	45.0	65.0	00:55	41.6	34.5	57.9	05:45	40.4	37.0	47.3
15:20	57.8	51.5	76.7	20:10	53.3	46.0	67.7	01:00	36.8	35.0	47.8	05:50	43.4	36.5	58.7
15:25	58.4	43.5	77.4	20:15	57.1	44.5	79.0	01:05	37.3	35.0	44.0	05:55	39.2	36.5	43.9
15:30	58.2	45.0	74.9	20:20	53.6	41.5	69.4	01:10	38.1	34.0	55.9	06:00	43.0	37.0	58.4
15:35	57.2	44.0	71.8	20:25	50.8	40.5	69.7	01:15	35.8	34.5	45.7	06:05	37.8	36.5	43.0
15:40	60.6	45.5	79.9	20:30	46.9	39.0	57.5	01:20	34.9	34.0	41.6	06:10	43.6	37.0	59.4
15:45	61.7	44.5	85.8	20:35	50.1	41.0	61.1	01:25	40.7	35.0	55.1	06:15	46.1	37.0	61.0
15:50	57.5	46.0	72.0	20:40	51.4	41.5	71.7	01:30	41.7	34.5	59.2	06:20	44.4	37.5	61.2
15:55	57.4	46.0	78.3	20:45	50.5	42.0	68.0	01:35	39.2	34.0	55.2	06:25	46.9	38.5	59.6
16:00	51.1	44.5	62.5	20:50	53.6	43.5	77.1	01:40	34.7	34.0	39.3	06:30	46.2	39.5	63.8
16:05	51.8	45.5	65.1	20:55	48.3	41.0	62.3	01:45	36.7	33.5	49.7	06:35	43.7	40.0	59.1
16:10	55.5	50.0	68.3	21:00	49.3	40.0	60.1	01:50	34.2	33.5	40.9	06:40	50.6	38.5	68.1
16:15	56.5	50.0	69.8	21:05	49.2	41.0	60.0	01:55	34.5	33.5	42.3	06:45	50.4	40.0	66.5
16:20	56.4	50.5	71.4	21:10	49.8	41.0	63.1	02:00	38.3	34.0	53.4	06:50	46.6	39.5	66.2
16:25	55.2	49.0	67.5	21:15	50.0	41.0	61.9	02:05	38.8	33.5	55.9	06:55	43.5	40.0	56.4
16:30	52.9	45.5	63.0	21:20	49.7	42.0	61.9	02:10	33.9	33.5	36.2	07:00	46.6	40.5	59.3
16:35	52.8	46.0	68.3	21:25	49.7	42.0	62.2	02:15	35.4	33.5	43.8	07:05	47.7	40.5	66.2
16:40	52.0	46.0	63.2	21:30	50.0	42.0	59.1	02:20	35.2	33.5	41.4	07:10	45.9	40.0	59.5
16:45	52.8	44.0	66.6	21:35	49.0	42.5	61.3	02:25	34.4	33.5	40.1	07:15	45.9	40.5	57.7

Position 1 Table 1.2 Data

Hourly Summary

Hour End	LAeq,1Hour	Min LA90,5min	Max LAmax, 5min
00:00	46.6	36.5	66.4
01:00	43.8	34.5	67.4
02:00	37.7	33.5	59.2
03:00	36.9	33.5	61.8
04:00	41.0	33.0	68.3
05:00	37.2	33.0	59.7
06:00	39.4	34.0	60.5
07:00	46.4	36.5	68.1
08:00	48.5	40.0	68.5
09:00	61.2	40.0	84.2
10:00	56.1	47.0	86.6
11:00	55.7	42.0	80.9
12:00	54.6	45.0	74.0
13:00	51.3	40.5	65.6
14:00	52.2	40.5	71.5
15:00	50.6	40.5	68.7
16:00	57.5	41.0	85.8
17:00	54.3	43.0	81.8
18:00	53.2	42.5	72.2
19:00	52.9	43.5	80.5
20:00	52.4	40.5	75.8
21:00	52.2	39.0	79.0
22:00	49.9	40.0	67.3
23:00	49.2	37.5	66.6

Background Noise - Position 1 - Adjacent Co Operative Delivery Door, Dartree Walk, Darfield, Barnsley.



Position 1 Table 1.2 Summary

				Dartree Walk - Adjacent Co Op Delivery Façade - 27/11/13				
Rank	Time	LA Max	Rank	Time	LA Max	Rank	Time	LA Max
1	03:35:00	68.3	62	01:15:00	45.7			
2	06:40:00	68.1	63	04:15:00	45.2			
3	00:30:00	67.4	64	05:05:00	44.9			
4	06:45:00	66.5	65	02:35:00	44.8			
5	23:45:00	66.4	66	03:50:00	44.7			
6	23:15:00	66.2	67	02:55:00	44.1			
7	06:50:00	66.2	68	05:40:00	44.1			
8	00:05:00	65.4	69	01:05:00	44.0			
9	06:30:00	63.8	70	05:55:00	43.9			
10	23:55:00	62.6	71	02:15:00	43.8			
11	00:35:00	61.8	72	02:30:00	43.8			
12	02:40:00	61.8	73	03:55:00	43.6			
13	23:00:00	61.5	74	05:10:00	43.6			
14	23:50:00	61.2	75	05:25:00	43.1			
15	06:20:00	61.2	76	06:05:00	43.0			
16	06:15:00	61.0	77	04:30:00	42.9			
17	23:25:00	60.6	78	04:20:00	42.5			
18	05:35:00	60.5	79	01:55:00	42.3			
19	00:20:00	60.2	80	04:45:00	41.8			
20	04:55:00	59.7	81	01:20:00	41.6			
21	06:25:00	59.6	82	02:20:00	41.4			
22	23:20:00	59.4	83	02:45:00	41.4			
23	06:10:00	59.4	84	03:00:00	41.2			
24	03:20:00	59.3	85	01:50:00	40.9			
25	07:00:00	59.3	86	02:50:00	40.9			
26	23:05:00	59.2	87	03:25:00	40.5			
27	01:30:00	59.2	88	05:15:00	40.5			
28	06:35:00	59.1	89	03:40:00	40.4			
29	23:10:00	59.0	90	04:25:00	40.4			
30	23:35:00	58.9	91	02:25:00	40.1			
31	05:50:00	58.7	92	03:15:00	39.6			
32	23:30:00	58.4	93	01:40:00	39.3			
33	06:00:00	58.4	94	04:50:00	38.5			
34	00:10:00	58.2	95	04:40:00	38.2			
35	04:10:00	58.1	96	04:05:00	37.7			
36	00:40:00	58.0						
37	00:50:00	58.0						
38	00:55:00	57.9						
39	03:30:00	57.4						
40	04:35:00	57.2						
41	00:15:00	56.4						
42	03:10:00	56.4						
43	06:55:00	56.4						
44	23:40:00	56.1						
45	01:10:00	55.9						
46	02:05:00	55.9						
47	00:45:00	55.4						
48	01:35:00	55.2						
49	01:25:00	55.1						
50	05:30:00	54.8						
51	02:00:00	53.4						
52	00:00:00	53.1						
53	00:25:00	50.8						
54	01:45:00	49.7						
55	03:05:00	49.4						
56	01:00:00	47.8						
57	05:45:00	47.3						
58	03:45:00	46.7						
59	05:00:00	46.4						
60	05:20:00	46.1						
61	04:00:00	46.0						

Position 1 Table 1.2 L_{Amax} Summary

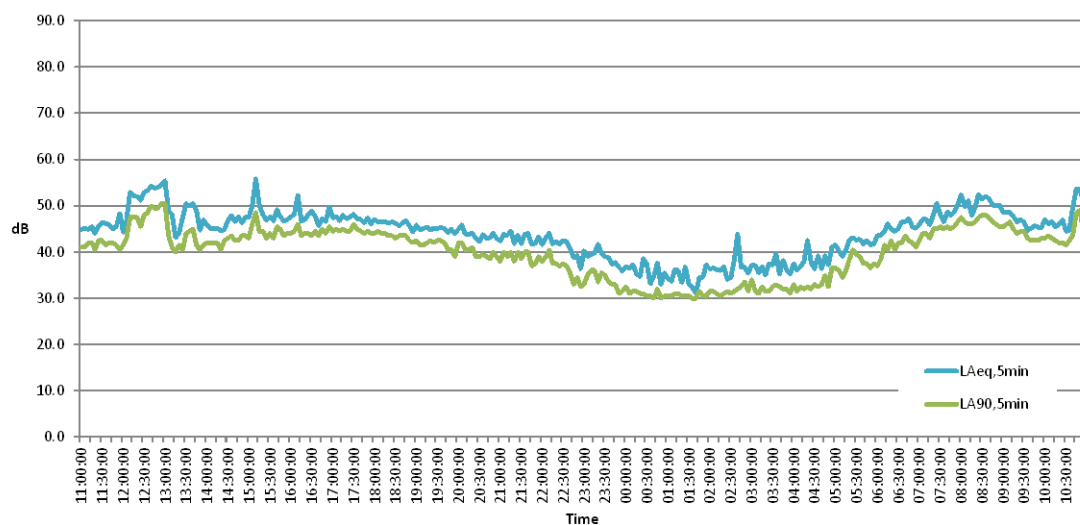
				Site: Position 2 - School entrance Facade, Dartree Walk, Darfield, Barnsley. Table: 2 Report: 2163-R1												Start Date: 25/11/2013 End Date: 26/11/2013			
Time	LAeq	LA90	LAMax	Time	LAeq	LA90	LAMax	Time	LAeq	LA90	LAMax	Time	LAeq	LA90	LAMax	Time	LAeq	LA90	LAMax
11:00	44.9	41.0	60.0	15:50	46.7	43.5	54.9	20:40	42.9	39.0	56.4	01:30	33.2	30.5	45.8	06:20	44.9	42.5	52.4
11:05	45.1	41.0	54.4	15:55	47.0	44.0	58.7	20:45	43.1	38.5	54.0	01:35	32.3	30.0	47.1	06:25	44.5	40.5	57.8
11:10	44.9	42.0	52.0	16:00	47.6	44.0	61.6	20:50	44.1	40.0	51.4	01:40	31.0	30.0	36.8	06:30	45.0	42.0	56.8
11:15	45.5	42.0	58.5	16:05	48.1	44.5	62.2	20:55	42.9	39.0	52.4	01:45	34.6	31.5	42.8	06:35	46.6	42.0	58.3
11:20	44.0	40.5	53.5	16:10	52.3	46.0	73.8	21:00	42.4	38.0	51.7	01:50	34.6	30.5	45.1	06:40	46.6	43.5	54.7
11:25	45.6	42.5	54.4	16:15	46.7	43.5	55.4	21:05	43.8	40.0	55.2	01:55	37.2	30.5	51.3	06:45	47.2	42.5	61.4
11:30	46.4	42.5	58.3	16:20	47.0	44.0	58.8	21:10	43.6	39.0	53.0	02:00	36.4	31.5	52.6	06:50	45.5	42.0	56.5
11:35	46.2	41.5	63.4	16:25	48.2	44.0	59.4	21:15	44.6	40.0	56.1	02:05	36.5	31.5	49.7	06:55	45.1	41.0	52.9
11:40	45.9	42.0	60.9	16:30	48.9	43.5	61.1	21:20	41.8	38.0	54.2	02:10	36.2	31.0	45.8	07:00	45.9	42.5	53.9
11:45	45.0	42.0	57.8	16:35	47.8	44.5	59.0	21:25	43.7	40.0	57.3	02:15	36.0	30.5	51.5	07:05	47.1	44.0	59.3
11:50	45.5	41.5	57.6	16:40	45.7	43.5	52.2	21:30	41.8	38.5	51.0	02:20	36.9	31.0	50.5	07:10	47.1	44.0	58.8
11:55	48.3	40.5	67.4	16:45	47.2	45.0	54.0	21:35	43.8	40.0	52.3	02:25	34.1	31.5	42.5	07:15	45.9	43.0	57.8
12:00	44.3	41.5	58.3	16:50	46.6	44.0	53.9	21:40	44.0	40.0	53.2	02:30	34.5	31.0	45.5	07:20	48.0	45.0	60.0
12:05	46.8	43.0	60.7	16:55	49.8	45.5	66.4	21:45	41.7	37.0	54.0	02:35	38.4	31.5	59.7	07:25	50.6	45.0	65.9
12:10	53.0	47.5	63.6	17:00	47.4	44.5	58.5	21:50	41.9	37.5	53.4	02:40	43.9	32.0	59.2	07:30	48.2	45.5	61.2
12:15	52.2	47.5	61.8	17:05	47.7	45.0	61.8	21:55	43.3	39.0	58.7	02:45	36.8	32.5	47.7	07:35	46.5	45.0	54.3
12:20	52.0	47.5	61.3	17:10	46.8	44.5	54.8	22:00	41.6	38.0	53.0	02:50	36.7	33.5	46.0	07:40	48.7	45.5	60.8
12:25	51.2	45.5	63.1	17:15	48.0	45.0	56.1	22:05	43.2	39.0	53.3	02:55	35.4	31.5	47.4	07:45	47.9	45.0	61.3
12:30	52.9	48.0	65.3	17:20	47.2	44.5	54.7	22:10	44.1	40.5	53.7	03:00	37.2	34.0	51.4	07:50	48.6	45.5	58.1
12:35	53.3	48.5	64.8	17:25	47.6	44.5	56.5	22:15	41.8	37.5	50.7	03:05	37.1	31.5	53.0	07:55	50.1	46.5	58.7
12:40	54.3	50.0	63.2	17:30	48.2	46.0	55.4	22:20	42.2	37.5	52.6	03:10	35.5	31.0	46.7	08:00	52.4	47.5	77.1
12:45	53.8	49.5	66.4	17:35	47.2	45.0	55.8	22:25	41.7	37.0	53.0	03:15	36.9	32.5	51.9	08:05	49.8	46.5	59.2
12:50	54.0	49.5	65.2	17:40	47.1	44.5	56.1	22:30	42.5	37.5	51.8	03:20	35.0	31.5	45.6	08:10	51.1	46.0	63.3
12:55	54.5	50.5	65.0	17:45	46.3	44.0	52.1	22:35	42.3	37.0	56.2	03:25	37.5	31.5	54.2	08:15	47.9	46.0	60.3
13:00	55.4	50.5	66.3	17:50	47.4	44.5	55.9	22:40	40.7	35.5	51.9	03:30	37.2	32.5	48.8	08:20	49.7	46.5	57.3
13:05	48.9	43.5	63.0	17:55	46.1	44.0	51.7	22:45	38.8	33.0	46.8	03:35	39.6	33.0	52.9	08:25	52.5	47.5	75.8
13:10	48.1	41.0	63.3	18:00	47.0	44.0	55.4	22:50	39.2	34.5	51.3	03:40	35.2	32.5	46.6	08:30	51.4	48.0	66.7
13:15	43.1	40.0	50.4	18:05	46.5	44.5	53.9	22:55	36.4	32.5	47.6	03:45	38.2	32.0	47.8	08:35	52.1	48.0	70.9
13:20	44.1	41.5	50.3	18:10	46.6	44.0	56.9	23:00	40.3	33.0	61.6	03:50	36.2	32.0	46.9	08:40	51.5	47.5	65.9
13:25	47.4	40.5	63.5	18:15	46.5	44.0	53.9	23:05	39.1	35.0	54.7	03:55	35.2	31.0	50.2	08:45	50.2	46.5	57.8
13:30	50.5	44.0	66.9	18:20	46.3	43.5	52.4	23:10	39.5	36.0	48.6	04:00	37.5	33.0	49.0	08:50	50.0	46.0	58.6
13:35	49.9	44.5	65.6	18:25	46.5	43.5	53.6	23:15	39.8	36.0	52.2	04:05	36.1	31.5	46.7	08:55	50.2	45.5	61.7
13:40	50.5	45.0	62.5	18:30	46.2	43.0	57.0	23:20	41.7	33.5	52.9	04:10	36.8	32.5	47.6	09:00	48.5	45.5	61.7
13:45	49.0	41.5	64.3	18:35	45.7	43.5	54.3	23:25	39.7	35.5	50.6	04:15	38.0	32.0	52.6	09:05	48.6	46.0	57.0
13:50	44.7	40.5	54.2	18:40	46.3	43.5	54.6	23:30	39.0	35.0	48.2	04:20	42.5	32.5	54.3	09:10	48.5	46.5	59.6
13:55	47.0	41.5	58.8	18:45	46.7	43.5	55.0	23:35	38.8	33.5	48.1	04:25	37.8	32.0	49.7	09:15	47.7	45.0	56.5
14:00	45.9	42.0	56.1	18:50	45.7	42.5	55.1	23:40	37.3	33.0	49.8	04:30	36.4	33.0	45.0	09:20	46.5	44.0	59.7
14:05	45.0	42.0	55.1	18:55	44.4	42.0	51.3	23:45	37.8	33.0	51.3	04:35	39.2	32.5	57.3	09:25	47.0	44.5	60.3
14:10	45.1	42.0	52.5	19:00	45.8	42.5	57.8	23:50	36.7	31.0	51.8	04:40	36.4	33.0	47.6	09:30	46.5	44.5	52.3
14:15	45.2	42.0	55.7	19:05	44.8	41.5	52.0	23:55	35.9	31.5	48.1	04:45	39.2	35.0	50.2	09:35	44.7	43.0	51.2
14:20	44.6	40.5	55.8	19:10	45.1	41.5	53.7	00:00	36.9	32.5	51.2	04:50	37.2	32.5	51.0	09:40	45.1	42.5	54.3
14:25	44.9	42.5	56.2	19:15	45.4	42.0	54.8	00:05	36.5	31.0	47.0	04:55	41.1	36.5	56.8	09:45	45.7	42.5	59.1
14:30	46.7	43.0	62.8	19:20	44.7	42.5	52.1	00:10	37.3	31.5	51.0	05:00	41.5	36.5	52.1	09:50	45.4	42.5	55.1
14:35	47.9	43.5	67.5	19:25	45.2	42.0	55.9	00:15	35.3	31.5	49.7	05:05	40.3	36.0	50.8	09:55	45.3	43.0	55.5
14:40	46.6	42.5	60.9	19:30	45.1	42.5	60.3	00:20	34.7	31.0	45.1	05:10	39.0	34.5	56.0	10:00	47.1	43.0	58.8
14:45	47.6	42.5	66.7	19:35	45.3	42.5	55.9	00:25	38.6	31.0	51.4	05:15	40.4	36.0	51.5	10:05	46.1	43.5	53.4
14:50	46.3	43.5	56.3	19:40	45.1	42.0	56.0	00:30	37.5	30.5	53.0	05:20	42.7	38.5	52.4	10:10	46.6	43.0	56.6
14:55	47.6	43.5	60.5	19:45	44.2	40.5	56.2	00:35	33.1	30.5	44.7	05:25	43.1	40.5	52.5	10:15	45.4	42.5	54.6
15:00	47.5	43.0	57.8	19:50	44.9	40.5	57.1	00:40	34.7	30.0	47.3	05:30	42.6	39.5	53.5	10:20	46.0	42.0	58.8
15:05	50.0	46.0	63.1	19:55	44.0	39.0	57.0	00:45	37.7	32.0	48.2	05:35	42.8	39.0	51.8	10:25	47.0	42.0	60.6
15:10	55.8	48.5	72.8	20:00	45.0	42.0	54.3	00:50	32.9	30.0	49.1	05:40	41.7	37.5	50.7	10:30	44.5	41.5	55.4
15:15	50.2	44.5	67.5	20:05	45.9	42.0	58.0	00:55	35.5	30.5	47.5	05:45	42.5	37.5	54.0	10:35	44.7	42.5	52.6
15:20	48.1	44.5	60.5	20:10	43.9	40.5	50.7	01:00	34.3	30.5	46.8	05:50	41.5	36.5	55.9	10:40	49.8	43.5	60.1
15:25	46.9	43.0	63.3	20:15	43.8	40.5	61.7	01:05	33.7	30.5	44.6	05:55	41.8	37.5	53.5	10:45	53.6	48.5	69.6
15:30	47.6	44.0	59.0	20:20	44.1	41.0	61.6	01:10	36.2	31.0	50.8	06:00	43.6	37.0	62.4	10:50	53.5	49.0	64.3
15:35	46.8	43.0	57.2	20:25	43.0	39.0	56.6	01:15	36.0	31.0	46.6	06:05	43.6	38.5	50.9	10:55	50.9	44.5	65.4
15:40	49.2	45.5	62.2	20:30	42.3	39.0	58.1	01:20	33.4	30.5	43.0	06:10	44.6	41.5	51.1				
15:45	47.7	45.0	58.3	20:35	43.8	39.5	52.2	01:25	36.7	30.5	54.6	06:15	46.1	40.5	58.2				

Position 2 Table 2 Data

Hourly Summary

Hour End	LAeq,1Hour	Min LA90,5min	Max LAmax, 5min
00:00	39.1	31.0	61.6
01:00	36.2	30.0	53.0
02:00	34.8	30.0	54.6
03:00	37.8	30.5	59.7
04:00	36.9	31.0	54.2
05:00	38.7	31.5	57.3
06:00	41.8	34.5	56.0
07:00	45.4	37.0	62.4
08:00	48.1	42.5	65.9
09:00	50.9	45.5	77.1
10:00	46.8	42.5	61.7
11:00	49.2	41.5	69.6
12:00	45.7	40.5	67.4
13:00	52.6	41.5	66.4
14:00	49.5	40.0	66.9
15:00	46.3	40.5	67.5
16:00	49.6	43.0	72.8
17:00	48.4	43.5	73.8
18:00	47.3	44.0	61.8
19:00	46.2	42.0	57.0
20:00	45.0	39.0	60.3
21:00	43.8	38.5	61.7
22:00	43.1	37.0	58.7
23:00	41.6	32.5	56.2

Background Noise - Position 2 - School entrance Facade, Dartree Walk, Darfield, Barnsley.



Position 2 Table 2 Summary

			Dartree Walk, Darfield, Adjacent School Entrance 25/11/2013					
Rank	Time	LA Max	Rank	Time	LA Max	Rank	Time	LA Max
1	06:00:00	62.4	62	04:00:00	49.0			
2	23:00:00	61.6	63	03:30:00	48.8			
3	06:45:00	61.4	64	23:10:00	48.6			
4	02:35:00	59.7	65	23:30:00	48.2			
5	02:40:00	59.2	66	00:45:00	48.2			
6	06:35:00	58.3	67	23:35:00	48.1			
7	06:15:00	58.2	68	23:55:00	48.1			
8	06:25:00	57.8	69	03:45:00	47.8			
9	04:35:00	57.3	70	02:45:00	47.7			
10	04:55:00	56.8	71	04:10:00	47.6			
11	06:30:00	56.8	72	04:40:00	47.6			
12	06:50:00	56.5	73	00:55:00	47.5			
13	05:10:00	56.0	74	02:55:00	47.4			
14	05:50:00	55.9	75	00:40:00	47.3			
15	23:05:00	54.7	76	01:35:00	47.1			
16	06:40:00	54.7	77	00:05:00	47.0			
17	01:25:00	54.6	78	03:50:00	46.9			
18	04:20:00	54.3	79	01:00:00	46.8			
19	03:25:00	54.2	80	03:10:00	46.7			
20	05:45:00	54.0	81	04:05:00	46.7			
21	07:00:00	53.9	82	01:15:00	46.6			
22	05:30:00	53.5	83	03:40:00	46.6			
23	05:55:00	53.5	84	02:50:00	46.0			
24	00:30:00	53.0	85	01:30:00	45.8			
25	03:05:00	53.0	86	02:10:00	45.8			
26	23:20:00	52.9	87	03:20:00	45.6			
27	03:35:00	52.9	88	02:30:00	45.5			
28	06:55:00	52.9	89	00:20:00	45.1			
29	02:00:00	52.6	90	01:50:00	45.1			
30	04:15:00	52.6	91	04:30:00	45.0			
31	05:25:00	52.5	92	00:35:00	44.7			
32	05:20:00	52.4	93	01:05:00	44.6			
33	06:20:00	52.4	94	01:20:00	43.0			
34	23:15:00	52.2	95	01:45:00	42.8			
35	05:00:00	52.1	96	02:25:00	42.5			
36	03:15:00	51.9						
37	23:50:00	51.8						
38	05:35:00	51.8						
39	02:15:00	51.5						
40	05:15:00	51.5						
41	00:25:00	51.4						
42	03:00:00	51.4						
43	23:45:00	51.3						
44	01:55:00	51.3						
45	00:00:00	51.2						
46	06:10:00	51.1						
47	00:10:00	51.0						
48	04:50:00	51.0						
49	06:05:00	50.9						
50	01:10:00	50.8						
51	05:05:00	50.8						
52	05:40:00	50.7						
53	23:25:00	50.6						
54	02:20:00	50.5						
55	03:55:00	50.2						
56	04:45:00	50.2						
57	23:40:00	49.8						
58	00:15:00	49.7						
59	02:05:00	49.7						
60	04:25:00	49.7						
61	00:50:00	49.1						

Position 2 Table 2 L_{Amax} Summary

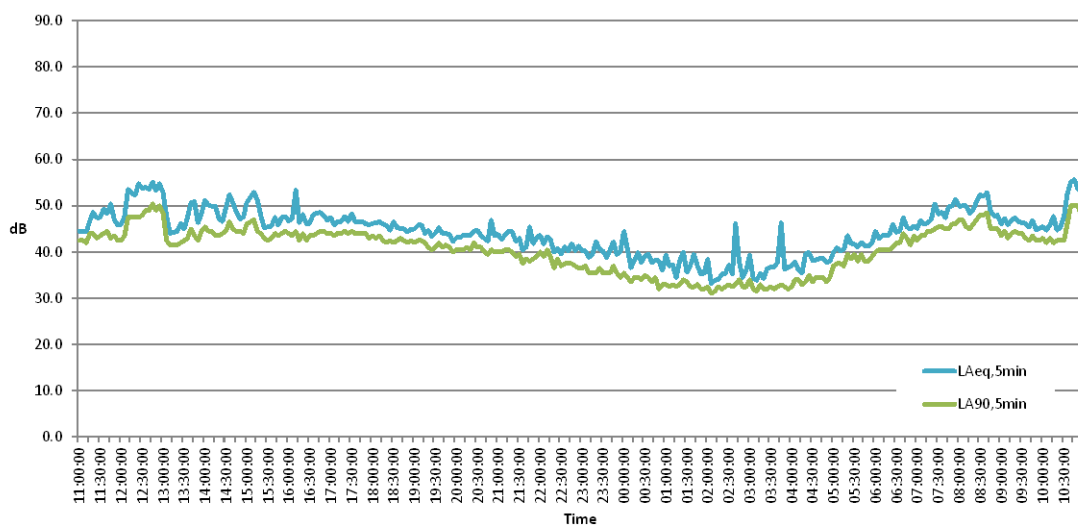
				Site: Position 2 - School entrance Facade, Dartree Walk, Darfield, Barnsley. Table: 2.1 Report: 2163-R1												Start Date: 26/11/2013 End Date: 27/11/2013			
Time	LAeq	LA90	LAMax	Time	LAeq	LA90	LAMax	Time	LAeq	LA90	LAMax	Time	LAeq	LA90	LAMax	Time	LAeq	LA90	LAMax
11:00	44.5	42.5	52.3	15:50	47.5	44.0	66.1	20:40	42.9	40.0	52.5	01:30	35.6	33.5	48.6	06:20	43.7	40.5	52.9
11:05	44.4	42.5	50.3	15:55	47.7	44.5	59.1	20:45	42.4	39.5	54.4	01:35	37.1	32.5	57.9	06:25	46.0	41.0	60.3
11:10	44.4	42.0	51.4	16:00	46.7	44.0	57.7	20:50	46.9	40.5	67.8	01:40	39.5	32.5	60.4	06:30	44.3	42.0	50.2
11:15	46.8	44.0	59.8	16:05	47.3	43.5	61.8	20:55	43.5	40.0	54.5	01:45	37.1	33.0	50.4	06:35	44.6	42.0	51.9
11:20	48.6	44.0	62.2	16:10	53.4	44.5	72.4	21:00	43.8	40.0	56.1	01:50	35.2	32.0	54.7	06:40	47.4	44.0	58.0
11:25	47.4	43.0	60.1	16:15	46.4	42.5	57.0	21:05	42.7	40.0	52.1	01:55	35.4	32.0	45.5	06:45	45.4	43.0	54.5
11:30	47.5	43.5	62.6	16:20	48.1	44.0	60.0	21:10	43.8	40.5	63.0	02:00	38.4	32.5	61.6	06:50	44.9	41.5	56.3
11:35	49.4	44.0	63.5	16:25	46.1	42.5	56.7	21:15	44.6	40.5	57.9	02:05	33.1	31.0	46.6	06:55	45.6	43.5	52.1
11:40	48.3	44.5	59.6	16:30	46.2	43.5	55.7	21:20	44.4	40.0	56.3	02:10	33.9	31.5	51.6	07:00	45.1	42.5	59.3
11:45	50.5	43.0	64.3	16:35	48.1	43.5	62.2	21:25	42.3	39.0	51.0	02:15	34.1	32.5	42.8	07:05	46.9	43.5	58.5
11:50	47.0	43.5	57.3	16:40	48.4	44.0	62.7	21:30	43.0	39.5	54.4	02:20	35.2	32.0	49.8	07:10	46.0	43.5	53.6
11:55	45.8	42.5	58.4	16:45	48.6	44.5	61.9	21:35	40.5	37.5	53.0	02:25	35.4	32.5	51.3	07:15	46.4	44.5	54.9
12:00	46.0	42.5	59.6	16:50	47.9	44.5	57.3	21:40	41.0	38.5	53.3	02:30	37.2	33.0	54.4	07:20	47.0	44.5	58.4
12:05	47.7	43.5	59.8	16:55	46.9	44.0	58.1	21:45	45.4	38.0	65.9	02:35	35.2	32.5	50.1	07:25	50.4	45.0	66.1
12:10	53.6	47.5	65.9	17:00	47.5	44.0	63.7	21:50	41.8	38.5	50.6	02:40	46.2	33.0	66.9	07:30	48.2	45.5	57.1
12:15	52.8	47.5	67.5	17:05	45.9	43.5	51.8	21:55	43.2	39.0	60.9	02:45	38.0	34.0	56.4	07:35	48.6	45.5	59.2
12:20	52.3	47.5	65.8	17:10	46.6	44.0	63.4	22:00	43.6	40.0	59.4	02:50	34.5	32.5	52.4	07:40	47.4	45.0	55.8
12:25	54.8	47.5	67.3	17:15	46.6	44.0	58.2	22:05	41.7	39.0	50.8	02:55	36.0	32.5	56.9	07:45	49.8	45.0	71.2
12:30	53.8	48.0	66.4	17:20	47.7	44.5	57.1	22:10	43.3	40.5	52.4	03:00	39.3	34.0	59.9	07:50	50.0	46.0	62.5
12:35	54.0	49.0	64.4	17:25	46.6	44.0	54.9	22:15	42.7	39.0	54.4	03:05	34.4	32.0	50.6	07:55	51.4	46.0	73.4
12:40	53.6	49.0	64.8	17:30	48.3	44.5	58.7	22:20	40.0	36.5	49.9	03:10	33.9	31.5	50.7	08:00	49.9	47.0	60.1
12:45	55.1	50.5	67.6	17:35	46.6	44.0	54.0	22:25	40.8	38.5	54.2	03:15	35.4	33.0	45.4	08:05	50.0	47.0	65.0
12:50	53.3	49.0	67.1	17:40	46.6	44.0	53.6	22:30	39.6	37.0	50.8	03:20	34.2	32.0	47.0	08:10	50.0	45.5	72.2
12:55	54.8	50.0	70.0	17:45	46.6	44.0	55.5	22:35	41.2	37.5	56.5	03:25	36.3	32.0	50.0	08:15	48.4	45.0	63.4
13:00	52.9	48.5	65.1	17:50	46.1	44.0	52.5	22:40	40.2	37.5	49.8	03:30	36.8	32.5	46.0	08:20	49.2	46.0	58.5
13:05	47.7	42.5	59.2	17:55	45.9	43.0	55.5	22:45	41.8	37.5	54.9	03:35	36.8	32.0	47.7	08:25	50.8	47.0	64.7
13:10	44.1	41.5	54.7	18:00	46.2	43.5	55.7	22:50	40.3	37.0	48.8	03:40	37.8	32.5	52.0	08:30	52.4	48.0	60.8
13:15	44.2	41.5	52.0	18:05	46.4	43.0	55.2	22:55	41.3	36.5	60.5	03:45	46.3	33.0	60.6	08:35	52.1	48.0	62.4
13:20	44.5	41.5	55.4	18:10	46.5	43.5	57.8	23:00	40.3	36.5	55.7	03:50	36.3	32.5	47.6	08:40	52.9	48.5	64.6
13:25	46.2	42.0	58.6	18:15	46.1	42.5	56.9	23:05	40.2	37.0	52.5	03:55	36.7	32.0	50.0	08:45	48.9	45.0	63.2
13:30	45.0	42.5	55.6	18:20	45.7	42.0	62.8	23:10	38.9	35.5	49.7	04:00	37.1	32.5	54.9	08:50	47.8	45.0	54.7
13:35	47.4	43.0	62.3	18:25	44.7	42.5	54.1	23:15	39.6	35.5	53.6	04:05	37.9	34.0	53.6	08:55	48.0	45.0	59.3
13:40	50.6	45.0	67.0	18:30	46.5	42.0	57.1	23:20	42.3	35.5	59.6	04:10	36.1	34.0	56.0	09:00	46.0	43.5	56.0
13:45	50.9	43.5	64.3	18:35	45.3	42.5	57.1	23:25	40.6	36.5	60.2	04:15	35.4	33.0	49.5	09:05	47.3	44.5	56.6
13:50	46.3	42.5	57.3	18:40	45.1	43.0	55.3	23:30	40.2	35.5	49.7	04:20	39.6	33.5	59.2	09:10	45.9	43.0	55.1
13:55	48.4	44.5	58.1	18:45	45.0	42.5	58.8	23:35	38.8	35.5	51.5	04:25	39.9	35.0	52.0	09:15	46.9	44.0	57.8
14:00	51.2	45.5	65.3	18:50	44.4	42.0	53.0	23:40	40.5	35.5	59.4	04:30	38.2	33.5	56.7	09:20	47.4	44.5	58.2
14:05	50.1	44.5	60.5	18:55	44.9	42.5	51.4	23:45	42.2	37.0	59.0	04:35	38.3	34.5	47.7	09:25	46.6	44.0	62.8
14:10	49.9	44.5	62.8	19:00	45.0	42.0	58.7	23:50	39.5	35.5	56.6	04:40	38.6	34.5	47.8	09:30	46.4	44.0	61.2
14:15	50.0	43.5	65.0	19:05	45.8	42.5	59.5	23:55	40.2	34.5	58.5	04:45	38.7	34.5	48.7	09:35	46.2	43.0	62.6
14:20	47.3	43.5	63.9	19:10	45.9	42.5	59.1	00:00	44.5	35.5	65.1	04:50	37.8	33.5	51.5	09:40	45.4	42.5	56.1
14:25	46.6	44.0	53.7	19:15	44.0	42.0	53.5	00:05	40.6	34.5	64.8	04:55	38.0	34.5	51.5	09:45	46.9	43.5	57.1
14:30	49.5	44.5	61.1	19:20	44.7	41.0	57.8	00:10	36.6	33.5	44.8	05:00	39.9	37.0	52.5	09:50	44.8	42.5	53.4
14:35	52.4	46.5	65.4	19:25	43.4	40.5	51.6	00:15	38.3	34.5	54.7	05:05	40.9	37.5	50.9	09:55	45.1	42.5	54.5
14:40	50.6	45.0	62.2	19:30	44.1	41.0	52.8	00:20	39.9	34.5	53.4	05:10	40.3	37.5	48.5	10:00	45.5	43.0	55.9
14:45	48.6	44.5	67.6	19:35	45.3	42.0	55.1	00:25	37.7	34.0	51.9	05:15	40.6	37.0	48.6	10:05	44.7	42.0	52.7
14:50	47.1	44.5	57.6	19:40	44.0	41.0	56.0	00:30	39.1	35.0	56.0	05:20	43.6	39.5	55.1	10:10	45.9	43.0	56.3
14:55	47.6	44.0	65.5	19:45	44.0	41.5	54.1	00:35	39.6	34.5	57.5	05:25	41.9	38.5	50.9	10:15	47.8	42.0	62.5
15:00	50.7	46.0	69.8	19:50	43.8	41.0	54.9	00:40	37.8	33.5	55.2	05:30	41.7	39.5	49.6	10:20	44.7	42.5	52.8
15:05	51.8	46.5	73.9	19:55	42.3	40.0	49.7	00:45	38.2	34.5	51.6	05:35	41.1	38.0	50.8	10:25	45.4	42.5	56.2
15:10	53.0	47.0	71.0	20:00	43.1	40.5	53.1	00:50	38.1	32.0	62.2	05:40	42.1	39.5	55.2	10:30	47.8	42.5	60.7
15:15	51.3	44.5	68.4	20:05	43.1	40.5	48.8	00:55	36.0	33.0	51.4	05:45	41.4	38.0	49.9	10:35	52.5	46.0	64.3
15:20	47.9	44.0	67.4	20:10	43.6	40.5	51.6	01:00	39.4	33.0	63.8	05:50	41.3	38.0	51.5	10:40	55.1	50.0	68.0
15:25	45.2	43.0	50.2	20:15	43.6	41.0	54.8	01:05	37.0	32.5	54.3	05:55	41.9	39.0	49.3	10:45	55.7	50.0	70.8
15:30	45.5	42.5	61.0	20:20	43.5	40.5	52.6	01:10	37.2	33.0	60.4	06:00	44.5	40.0	57.0	10:50	53.7	50.0	68.1
15:35	45.6	43.0	54.0	20:25	44.5	42.0	52.6	01:15	34.5	32.5	44.2	06:05	42.9	40.5	51.7	10:55	53.1	48.0	65.0
15:40	47.5	44.0	58.7	20:30	44.7	41.0	54.2	01:20	38.1	33.0	60.5	06:10	43.5	40.5	52.8				
15:45	45.8	43.5	58.8	20:35	43.6	41.0	52.5	01:25	40.0	34.0	58.1	06:15	43.5	40.5	53.0				

Position 2 Table 2.1 Data

Hourly Summary

Hour End	LAeq,1Hour	Min LA90,5min	Max LAmax, 5min
00:00	40.4	34.5	60.2
01:00	39.5	32.0	65.1
02:00	37.5	32.0	63.8
03:00	38.5	31.0	66.9
04:00	38.8	31.5	60.6
05:00	38.1	32.5	59.2
06:00	41.5	37.0	55.2
07:00	44.9	40.0	60.3
08:00	48.5	42.5	73.4
09:00	50.4	45.0	72.2
10:00	46.3	42.5	62.8
11:00	51.2	42.0	70.8
12:00	47.5	42.0	64.3
13:00	53.3	42.5	70.0
14:00	48.3	41.5	67.0
15:00	49.6	43.5	67.6
16:00	49.1	42.5	73.9
17:00	48.4	42.5	72.4
18:00	46.8	43.0	63.7
19:00	45.6	42.0	62.8
20:00	44.5	40.0	59.5
21:00	43.9	39.5	67.8
22:00	43.3	37.5	65.9
23:00	41.6	36.5	60.5

Background Noise - Position 2 - School entrance Facade, Dartree Walk, Darfield, Barnsley.



Position 2 Table 2.1 Summary

				Dartree Walk, Darfield, Adjacent School Entrance 26/11/2013				
Rank	Time	LA Max	Rank	Time	LA Max	Rank	Time	LA Max
1	02:40:00	66.9	62	05:50:00	51.5			
2	00:00:00	65.1	63	00:55:00	51.4			
3	00:05:00	64.8	64	02:25:00	51.3			
4	01:00:00	63.8	65	05:05:00	50.9			
5	00:50:00	62.2	66	05:25:00	50.9			
6	02:00:00	61.6	67	05:35:00	50.8			
7	03:45:00	60.6	68	03:10:00	50.7			
8	01:20:00	60.5	69	03:05:00	50.6			
9	01:10:00	60.4	70	01:45:00	50.4			
10	01:40:00	60.4	71	06:30:00	50.2			
11	06:25:00	60.3	72	02:35:00	50.1			
12	23:25:00	60.2	73	03:25:00	50.0			
13	03:00:00	59.9	74	03:55:00	50.0			
14	23:20:00	59.6	75	05:45:00	49.9			
15	23:40:00	59.4	76	02:20:00	49.8			
16	07:00:00	59.3	77	23:10:00	49.7			
17	04:20:00	59.2	78	23:30:00	49.7			
18	23:45:00	59.0	79	05:30:00	49.6			
19	23:55:00	58.5	80	04:15:00	49.5			
20	01:25:00	58.1	81	05:55:00	49.3			
21	06:40:00	58.0	82	04:45:00	48.7			
22	01:35:00	57.9	83	01:30:00	48.6			
23	00:35:00	57.5	84	05:15:00	48.6			
24	06:00:00	57.0	85	05:10:00	48.5			
25	02:55:00	56.9	86	04:40:00	47.8			
26	04:30:00	56.7	87	03:35:00	47.7			
27	23:50:00	56.6	88	04:35:00	47.7			
28	02:45:00	56.4	89	03:50:00	47.6			
29	06:50:00	56.3	90	03:20:00	47.0			
30	00:30:00	56.0	91	02:05:00	46.6			
31	04:10:00	56.0	92	03:30:00	46.0			
32	23:00:00	55.7	93	01:55:00	45.5			
33	00:40:00	55.2	94	03:15:00	45.4			
34	05:40:00	55.2	95	00:10:00	44.8			
35	05:20:00	55.1	96	01:15:00	44.2			
36	04:00:00	54.9						
37	00:15:00	54.7						
38	01:50:00	54.7						
39	06:45:00	54.5						
40	02:30:00	54.4						
41	01:05:00	54.3						
42	23:15:00	53.6						
43	04:05:00	53.6						
44	00:20:00	53.4						
45	06:15:00	53.0						
46	06:20:00	52.9						
47	06:10:00	52.8						
48	23:05:00	52.5						
49	05:00:00	52.5						
50	02:50:00	52.4						
51	06:55:00	52.1						
52	03:40:00	52.0						
53	04:25:00	52.0						
54	00:25:00	51.9						
55	06:35:00	51.9						
56	06:05:00	51.7						
57	00:45:00	51.6						
58	02:10:00	51.6						
59	23:35:00	51.5						
60	04:50:00	51.5						
61	04:55:00	51.5						

Position 2 Table 2.1 L_{Amax} Summary

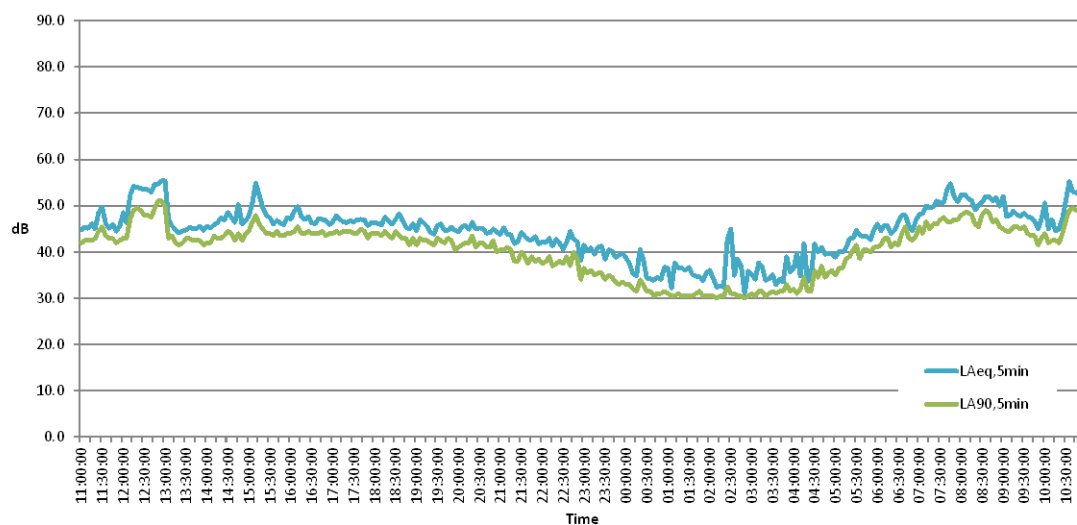
				Site: Position 2 - School entrance Facade, Dartree Walk, Darfield, Barnsley. Table: 2.2 Report: 2163-R1												Start Date: 27/11/2013 End Date: 28/11/2013			
Time	LAeq	LA90	LAmax	Time	LAeq	LA90	LAmax	Time	LAeq	LA90	LAmax	Time	LAeq	LA90	LAmax	Time	LAeq	LA90	LAmax
11:00	44.8	42.0	58.6	15:50	45.9	43.5	59.8	20:40	44.1	41.0	55.1	01:30	36.7	30.5	52.0	06:20	44.0	41.0	50.5
11:05	45.4	42.5	61.6	15:55	47.5	44.0	60.8	20:45	44.2	41.0	50.7	01:35	35.1	30.5	48.2	06:25	44.7	42.0	54.6
11:10	45.1	42.5	54.1	16:00	47.1	44.0	54.6	20:50	45.0	42.5	53.4	01:40	34.8	31.0	47.2	06:30	46.5	41.5	60.0
11:15	46.2	42.5	58.4	16:05	48.9	44.5	58.6	20:55	44.4	40.0	53.9	01:45	34.7	31.5	46.2	06:35	48.0	44.0	60.8
11:20	45.0	43.0	52.2	16:10	49.9	45.5	62.3	21:00	43.8	40.5	53.7	01:50	33.8	30.5	52.9	06:40	48.0	45.5	55.9
11:25	48.5	44.5	63.8	16:15	47.6	44.0	59.3	21:05	45.3	40.5	59.6	01:55	35.4	30.5	47.7	06:45	45.6	43.0	53.3
11:30	49.8	45.5	62.8	16:20	47.0	44.0	64.1	21:10	43.9	41.0	52.8	02:00	36.1	30.5	47.6	06:50	44.6	42.5	53.9
11:35	46.2	43.5	55.8	16:25	47.6	44.5	58.0	21:15	43.8	40.5	53.7	02:05	34.3	30.5	47.2	06:55	46.9	43.5	56.5
11:40	45.1	43.0	54.8	16:30	46.3	44.0	54.6	21:20	41.8	38.0	52.0	02:10	32.4	30.0	44.3	07:00	48.1	45.5	58.0
11:45	46.0	43.0	56.7	16:35	46.1	44.0	54.1	21:25	42.3	38.0	51.7	02:15	32.7	30.5	43.4	07:05	48.4	44.0	59.2
11:50	44.5	42.0	59.0	16:40	47.3	44.0	57.5	21:30	44.3	40.0	54.7	02:20	32.4	30.5	44.4	07:10	50.0	46.5	60.9
11:55	45.6	42.5	56.7	16:45	47.1	44.5	57.1	21:35	43.4	39.0	54.1	02:25	42.6	32.5	61.0	07:15	49.6	45.0	58.9
12:00	48.5	43.0	63.0	16:50	46.9	43.5	62.8	21:40	42.7	37.5	53.1	02:30	45.0	31.0	65.4	07:20	49.8	46.0	60.2
12:05	46.3	43.0	58.5	16:55	45.9	44.0	52.4	21:45	42.6	39.0	51.5	02:35	35.0	31.0	48.6	07:25	51.0	46.0	65.3
12:10	52.2	47.0	65.3	17:00	46.5	44.0	55.8	21:50	43.3	38.0	55.0	02:40	38.5	30.5	59.0	07:30	50.6	47.0	60.6
12:15	54.2	49.0	67.3	17:05	47.9	44.5	57.2	21:55	41.8	38.5	50.0	02:45	37.1	30.5	52.5	07:35	50.7	47.5	61.5
12:20	54.0	49.5	64.8	17:10	47.1	44.0	62.7	22:00	42.2	37.5	54.8	02:50	31.1	30.0	40.2	07:40	53.8	46.5	77.1
12:25	53.8	49.0	65.6	17:15	46.6	44.5	53.5	22:05	42.0	38.0	51.9	02:55	35.9	30.5	54.0	07:45	54.8	46.5	78.4
12:30	53.5	48.0	66.3	17:20	46.3	44.5	51.5	22:10	43.0	39.0	54.1	03:00	35.2	31.0	49.8	07:50	52.0	47.0	63.0
12:35	53.5	48.0	65.1	17:25	46.8	44.5	59.6	22:15	41.3	37.0	53.5	03:05	34.1	30.5	53.4	07:55	50.9	47.0	62.6
12:40	52.9	47.5	66.5	17:30	46.5	44.0	55.1	22:20	42.8	37.5	52.6	03:10	37.7	31.5	53.8	08:00	52.4	48.0	65.8
12:45	54.7	49.5	67.3	17:35	47.0	44.0	59.6	22:25	42.0	38.0	51.7	03:15	36.7	31.5	52.1	08:05	52.4	48.5	61.2
12:50	54.7	51.0	65.4	17:40	47.1	45.0	57.6	22:30	40.6	37.5	48.0	03:20	33.9	30.5	47.0	08:10	51.6	48.5	60.5
12:55	55.4	51.0	67.3	17:45	47.0	44.5	56.1	22:35	42.1	39.0	51.4	03:25	34.2	31.0	43.6	08:15	51.1	48.0	58.9
13:00	55.4	50.0	65.8	17:50	45.7	43.0	52.0	22:40	44.5	37.0	64.9	03:30	35.1	31.5	50.5	08:20	49.1	46.0	58.2
13:05	47.1	43.0	60.1	17:55	46.3	44.0	53.7	22:45	42.8	40.0	50.7	03:35	32.9	31.0	45.8	08:25	50.1	45.5	62.9
13:10	45.7	43.5	52.7	18:00	46.4	44.0	56.9	22:50	42.3	38.5	62.7	03:40	34.1	31.5	41.5	08:30	50.7	48.0	59.1
13:15	44.8	42.0	56.8	18:05	46.2	44.0	53.8	22:55	38.2	34.0	47.8	03:45	33.5	31.5	44.1	08:35	52.0	49.0	63.2
13:20	44.1	41.5	57.4	18:10	45.8	43.5	51.9	23:00	41.5	36.5	51.8	03:50	39.0	33.0	54.2	08:40	52.0	48.5	62.7
13:25	44.6	42.0	52.1	18:15	47.6	44.5	61.6	23:05	40.3	35.5	52.5	03:55	35.6	31.5	53.7	08:45	51.1	46.5	63.9
13:30	44.8	43.0	51.0	18:20	46.7	43.5	52.5	23:10	40.9	36.0	52.4	04:00	36.6	32.0	47.0	08:50	51.8	47.0	68.0
13:35	45.3	43.0	56.4	18:25	46.0	43.0	55.0	23:15	39.5	35.0	52.0	04:05	39.7	31.0	50.9	08:55	49.9	45.5	62.1
13:40	45.1	42.5	51.4	18:30	47.1	44.5	56.0	23:20	41.1	35.5	51.3	04:10	34.8	32.0	46.2	09:00	52.1	45.0	68.8
13:45	45.1	42.5	52.8	18:35	48.3	43.5	61.8	23:25	41.3	35.5	55.3	04:15	41.8	34.5	54.0	09:05	47.7	44.5	54.4
13:50	45.6	42.5	57.0	18:40	46.9	43.0	60.0	23:30	38.4	34.0	50.6	04:20	33.5	31.5	43.4	09:10	47.9	44.5	55.7
13:55	44.7	41.5	55.6	18:45	45.4	43.0	54.0	23:35	40.5	35.0	50.4	04:25	34.9	31.5	46.6	09:15	48.9	45.5	55.7
14:00	45.6	42.0	55.2	18:50	45.0	41.5	53.1	23:40	40.1	34.5	51.3	04:30	41.8	36.0	54.8	09:20	48.1	45.5	59.1
14:05	45.1	42.0	59.2	18:55	46.1	43.0	55.6	23:45	38.9	33.5	51.3	04:35	40.0	34.5	54.4	09:25	47.8	45.0	55.4
14:10	45.9	43.5	50.9	19:00	44.6	41.5	51.7	23:50	39.3	33.0	49.9	04:40	41.0	37.0	47.7	09:30	48.4	45.5	58.4
14:15	46.3	43.0	57.3	19:05	47.1	43.0	59.1	23:55	39.7	33.5	52.9	04:45	39.5	34.5	46.6	09:35	47.7	44.0	54.7
14:20	47.4	43.0	60.3	19:10	46.3	42.5	57.2	00:00	38.8	33.0	49.1	04:50	39.8	35.5	47.2	09:40	47.4	43.5	55.7
14:25	46.9	43.5	57.6	19:15	45.6	42.5	58.5	00:05	37.5	33.0	49.4	04:55	39.5	36.0	48.2	09:45	46.7	43.5	55.0
14:30	48.6	44.5	62.1	19:20	44.3	42.0	52.0	00:10	35.3	32.0	48.9	05:00	38.9	35.0	48.9	09:50	45.0	41.5	52.7
14:35	47.5	44.0	64.5	19:25	43.9	41.5	52.5	00:15	34.9	31.5	48.2	05:05	40.1	36.5	52.3	09:55	47.1	43.0	62.4
14:40	46.4	42.5	60.9	19:30	45.7	43.0	54.2	00:20	40.6	34.0	59.2	05:10	40.0	36.5	52.3	10:00	50.6	44.0	67.4
14:45	50.3	44.0	62.2	19:35	46.1	42.5	63.6	00:25	38.4	33.0	51.3	05:15	40.8	38.5	48.4	10:05	45.0	42.0	56.5
14:50	46.1	42.5	62.0	19:40	44.7	42.0	52.7	00:30	34.4	31.5	44.0	05:20	42.9	39.0	53.2	10:10	47.1	42.5	58.5
14:55	46.7	44.0	55.5	19:45	44.7	43.0	50.2	00:35	34.2	31.5	46.5	05:25	42.9	40.5	50.8	10:15	44.6	42.5	54.4
15:00	47.7	44.5	60.4	19:50	45.4	42.5	52.6	00:40	33.9	30.5	45.2	05:30	44.7	41.5	53.6	10:20	45.0	42.0	59.8
15:05	50.4	46.5	64.3	19:55	44.7	40.5	51.8	00:45	34.6	31.0	49.7	05:35	43.7	38.5	55.0	10:25	47.3	44.0	55.9
15:10	54.9	48.0	76.1	20:00	44.4	41.0	52.8	00:50	34.1	31.0	45.7	05:40	43.3	40.5	49.2	10:30	51.3	47.0	61.5
15:15	52.2	46.0	64.3	20:05	45.5	41.5	55.3	00:55	36.7	31.5	54.1	05:45	43.4	40.5	51.6	10:35	55.3	49.0	68.6
15:20	49.6	45.0	60.7	20:10	45.8	42.0	55.2	01:00	36.5	31.0	49.4	05:50	42.6	40.0	51.9	10:40	53.1	49.5	64.5
15:25	48.0	44.0	59.2	20:15	44.9	42.0	54.1	01:05	32.2	30.5	38.7	05:55	44.8	41.0	54.0	10:45	52.8	49.0	62.8
15:30	47.4	44.0	56.9	20:20	46.5	43.5	57.6	01:10	37.7	30.5	50.5	06:00	46.1	41.0	57.0	10:50	53.4	49.5	64.3
15:35	46.0	43.5	53.0	20:25	45.0	41.0	55.6	01:15	36.6	31.0	47.9	06:05	44.6	41.5	52.9	10:55	53.0	46.0	66.9
15:40	46.9	44.5	55.7	20:30	45.2	42.0	54.7	01:20	36.5	30.5	52.4	06:10	45.8	43.0	52.1				
15:45	46.3	43.5	53.6	20:35	45.1	42.0	52.3	01:25	36.0	30.5	52.6	06:15	45.6	43.0	51.1				

Position 2 Table 2.2 Data

Hourly Summary

Hour End	LAeq,1Hour	Min LA90,5min	Max LAmax, 5min
00:00	40.2	33.0	55.3
01:00	36.7	30.5	59.2
02:00	35.7	30.5	52.9
03:00	38.4	30.0	65.4
04:00	35.6	30.5	54.2
05:00	39.3	31.0	54.8
06:00	42.7	35.0	55.0
07:00	46.1	41.0	60.8
08:00	51.3	44.0	78.4
09:00	51.3	45.5	68.0
10:00	48.2	41.5	68.8
11:00	51.2	42.0	68.6
12:00	46.3	42.0	63.8
13:00	53.4	43.0	67.3
14:00	47.7	41.5	65.8
15:00	47.1	42.0	64.5
16:00	49.5	43.5	76.1
17:00	47.5	43.5	64.1
18:00	46.8	43.0	62.7
19:00	46.6	41.5	61.8
20:00	45.4	40.5	63.6
21:00	45.1	40.0	57.6
22:00	43.4	37.5	59.6
23:00	42.2	34.0	64.9

Background Noise - Position 2 - School entrance Facade, Dartree Walk, Darfield, Barnsley.



Position 2 Table 2.2 Summary

				Dartree Walk, Darfield, Adjacent School Entrance 27/11/2013				
Rank	Time	LA Max	Rank	Time	LA Max	Rank	Time	LA Max
1	23:00:00	51.8	62	04:05:00	50.9			
2	23:05:00	52.5	63	04:10:00	46.2			
3	23:10:00	52.4	64	04:15:00	54.0			
4	23:15:00	52.0	65	04:20:00	43.4			
5	23:20:00	51.3	66	04:25:00	46.6			
6	23:25:00	55.3	67	04:30:00	54.8			
7	23:30:00	50.6	68	04:35:00	54.4			
8	23:35:00	50.4	69	04:40:00	47.7			
9	23:40:00	51.3	70	04:45:00	46.6			
10	23:45:00	51.3	71	04:50:00	47.2			
11	23:50:00	49.9	72	04:55:00	48.2			
12	23:55:00	52.9	73	05:00:00	48.9			
13	00:00:00	49.1	74	05:05:00	52.3			
14	00:05:00	49.4	75	05:10:00	52.3			
15	00:10:00	48.9	76	05:15:00	48.4			
16	00:15:00	48.2	77	05:20:00	53.2			
17	00:20:00	59.2	78	05:25:00	50.8			
18	00:25:00	51.3	79	05:30:00	53.6			
19	00:30:00	44.0	80	05:35:00	55.0			
20	00:35:00	46.5	81	05:40:00	49.2			
21	00:40:00	45.2	82	05:45:00	51.6			
22	00:45:00	49.7	83	05:50:00	51.9			
23	00:50:00	45.7	84	05:55:00	54.0			
24	00:55:00	54.1	85	06:00:00	57.0			
25	01:00:00	49.4	86	06:05:00	52.9			
26	01:05:00	38.7	87	06:10:00	52.1			
27	01:10:00	50.5	88	06:15:00	51.1			
28	01:15:00	47.9	89	06:20:00	50.5			
29	01:20:00	52.4	90	06:25:00	54.6			
30	01:25:00	52.6	91	06:30:00	60.0			
31	01:30:00	52.0	92	06:35:00	60.8			
32	01:35:00	48.2	93	06:40:00	55.9			
33	01:40:00	47.2	94	06:45:00	53.3			
34	01:45:00	46.2	95	06:50:00	53.9			
35	01:50:00	52.9	96	06:55:00	56.5			
36	01:55:00	47.7						
37	02:00:00	47.6						
38	02:05:00	47.2						
39	02:10:00	44.3						
40	02:15:00	43.4						
41	02:20:00	44.4						
42	02:25:00	61.0						
43	02:30:00	65.4						
44	02:35:00	48.6						
45	02:40:00	59.0						
46	02:45:00	52.5						
47	02:50:00	40.2						
48	02:55:00	54.0						
49	03:00:00	49.8						
50	03:05:00	53.4						
51	03:10:00	53.8						
52	03:15:00	52.1						
53	03:20:00	47.0						
54	03:25:00	43.6						
55	03:30:00	50.5						
56	03:35:00	45.8						
57	03:40:00	41.5						
58	03:45:00	44.1						
59	03:50:00	54.2						
60	03:55:00	53.7						
61	04:00:00	47.0						

Position 2 Table 2.2 L_{Amax} Summary