

APPENDIX 6-3 – BASELINE SOUND SURVEY RESULTS

Noise Survey Results

Date: Friday 15th November 2024
 Location: Yew Tree Quarry, Stairfoot, Barnsley
 Client: Green Earth Developments (Group) Ltd
 Project: Restoration of Yew Tree Quarry
 Data: **Baseline Sound Survey: Position MP1 - Rear of Properties off St Paul's Parade**
 Instrumentation: Cirrus 171A Real Time Analyser (G066350)
 Calibration: 94dB

TABLE 1

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	48.8	50.4	46.3	60.9	Distant road traffic noise
07:15	15:00	48.2	49.6	46.3	56.1	
07:30	15:00	48.5	49.7	46.8	70.0	
07:45	15:00	48.1	49.3	46.5	62.6	
08:00	15:00	50.7	51.1	46.8	74.9	
08:15	15:00	48.9	51.0	45.7	56.5	
08:30	15:00	49.6	51.3	47.1	64.8	
08:45	15:00	49.8	50.3	47.9	71.9	
09:00	15:00	48.6	49.8	47.1	56.0	
09:15	15:00	49.3	50.5	46.5	65.4	
09:30	15:00	49.5	49.1	44.8	75.1	
09:45	15:00	48.2	49.0	45.7	74.8	
10:00	15:00	47.7	49.8	44.4	64.8	
10:15	15:00	46.7	48.0	44.9	58.1	
10:30	15:00	51.1	53.8	46.6	75.8	
10:45	15:00	48.0	49.1	46.6	62.2	
11:00	15:00	46.4	47.9	44.0	62.8	
11:15	15:00	45.9	47.2	44.2	61.8	
11:30	15:00	48.2	50.5	44.4	63.2	
11:45	15:00	48.1	49.9	45.0	68.3	Distant road traffic noise
12:00	15:00	46.9	48.0	44.9	63.5	Distant road traffic noise
12:15	15:00	50.3	47.3	44.2	78.5	
12:30	15:00	45.2	46.9	42.8	59.6	
12:45	15:00	46.0	48.0	43.4	53.6	
Average 0700-1300		48.5	49.7	45.7	54-79	

Noise Survey Results

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 Instrumentation: Cirrus 171A Real Time Analyser (G066350)
 Calibration: 94dB

TABLE 2

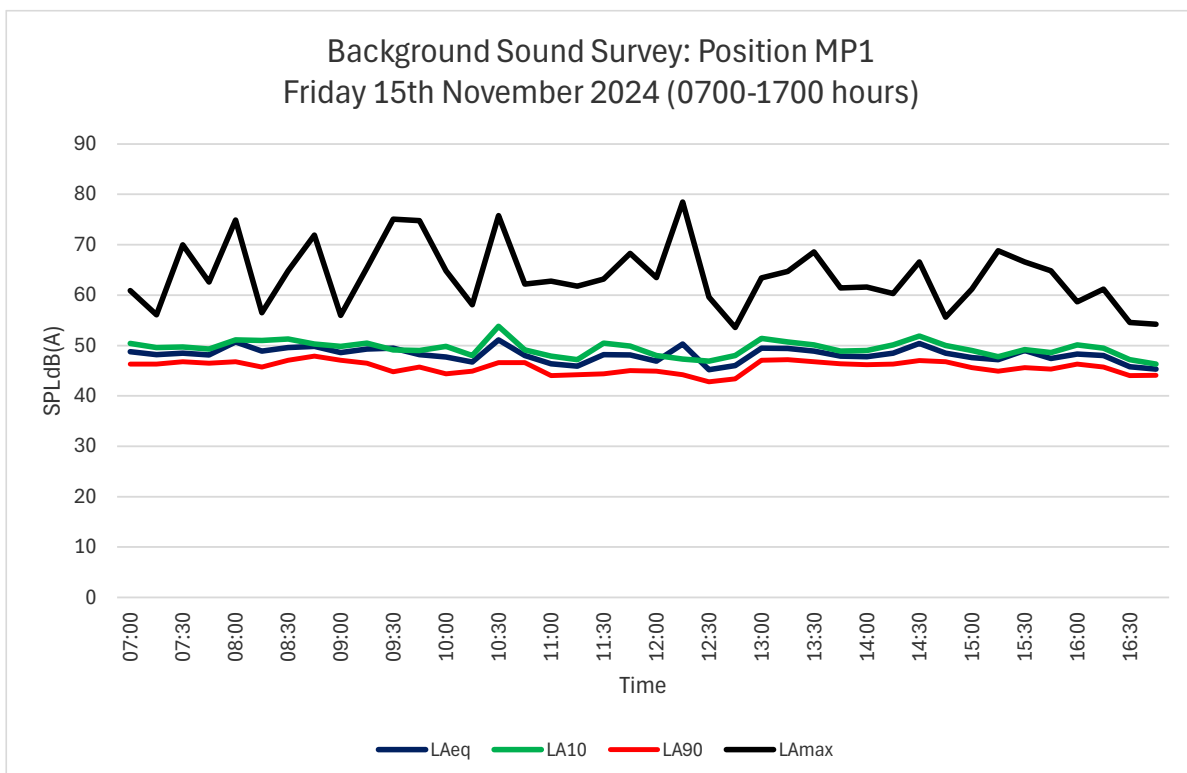
Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmaz (dB)	Observations
13:00	15:00	49.5	51.4	47.1	63.4	
13:15	15:00	49.4	50.7	47.2	64.7	
13:30	15:00	48.9	50.1	46.8	68.6	
13:45	15:00	47.9	48.9	46.4	61.4	
14:00	15:00	47.8	49.0	46.2	61.6	
14:15	15:00	48.5	50.1	46.3	60.3	
14:30	15:00	50.4	51.9	47.0	66.6	
14:45	15:00	48.5	50.0	46.8	55.6	
15:00	15:00	47.6	49.0	45.6	61.2	
15:15	15:00	47.2	47.8	44.9	68.8	
15:30	15:00	49.0	49.2	45.6	66.6	
15:45	15:00	47.4	48.6	45.3	64.8	
16:00	15:00	48.3	50.1	46.3	58.7	
16:15	15:00	48.0	49.5	45.7	61.2	
16:30	15:00	45.8	47.2	44.0	54.6	
16:45	15:00	45.3	46.3	44.1	54.2	
17:00	15:00	46.6	47.9	45.0	54.9	
17:15	15:00	45.5	46.6	44.2	53.9	
17:30	15:00	45.9	47.5	43.6	58.5	
17:45	15:00	46.4	47.5	44.9	55.8	
18:00	15:00	46.4	47.8	44.5	53.8	
18:15	15:00	45.6	46.8	44.0	50.5	
18:30	15:00	45.7	46.8	44.2	63.1	
18:45	15:00	47.6	48.5	44.6	66.1	
Average 1300-1900		47.6	48.9	45.5	51-69	
Average 0700-1900		48.1	49.3	45.6	51-79	

Noise Survey Results

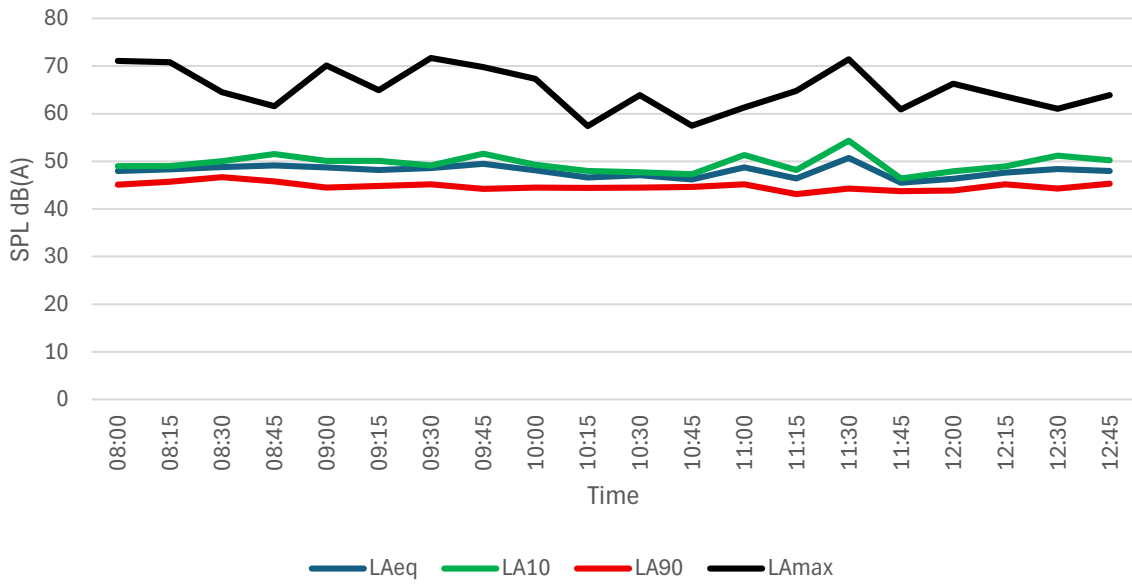
Date: Saturday 16th November 2024
 Location: Yew Tree Quarry, Stairfoot, Barnsley
 Client: Green Earth Developments (Group) Ltd
 Project: Restoration of Yew Tree Quarry
 Data: **Baseline Sound Survey: Position MP1 - Rear of Properties off St Paul's Parade**
 Instrumentation: Cirrus 171A Real Time Analyser (G066350)
 Calibration: 94dB

TABLE 3

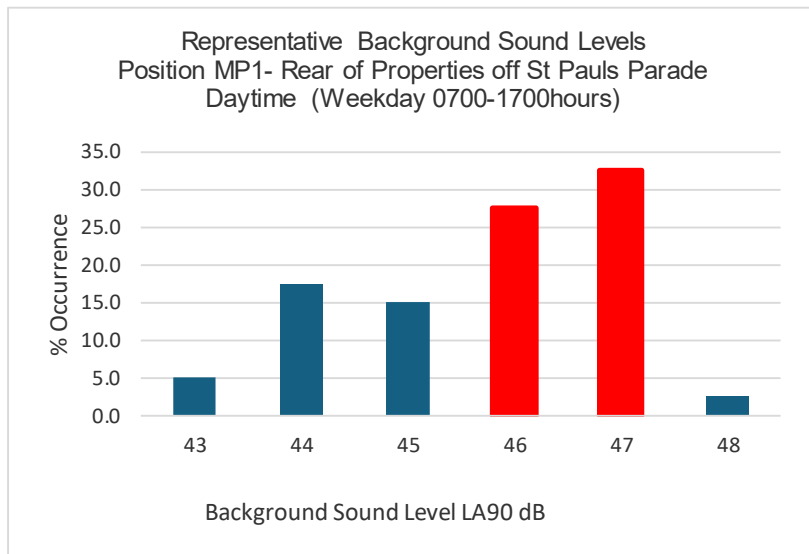
Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmix (dB)	Observations
07:00	15:00	43.8	46.1	40.1	62.3	
07:15	15:00	46.6	47.8	42.1	68.6	
07:30	15:00	47.6	48.7	44.3	67.0	
07:45	15:00	47.6	48.7	44.9	72.6	
08:00	15:00	48.0	49.0	45.1	71.1	
08:15	15:00	48.3	49.0	45.7	70.8	
08:30	15:00	48.8	50.0	46.7	64.5	
08:45	15:00	49.1	51.5	45.8	61.6	
09:00	15:00	48.7	50.1	44.5	70.1	
09:15	15:00	48.2	50.1	44.8	64.9	
09:30	15:00	48.6	49.1	45.2	71.7	
09:45	15:00	49.5	51.6	44.2	69.8	
10:00	15:00	48.1	49.3	44.5	67.3	
10:15	15:00	46.6	48.0	44.4	57.4	
10:30	15:00	47.1	47.7	44.5	63.9	
10:45	15:00	46.2	47.3	44.6	57.5	
11:00	15:00	48.7	51.3	45.2	61.3	
11:15	15:00	46.4	48.2	43.1	64.8	
11:30	15:00	50.7	54.3	44.3	71.4	
11:45	15:00	45.5	46.4	43.7	60.9	
12:00	15:00	46.3	47.9	43.9	66.3	
12:15	15:00	47.6	48.9	45.2	63.6	
12:30	15:00	48.4	51.2	44.3	61.0	
12:45	15:00	48.0	50.2	45.3	63.9	
Average 0700-1300		47.9	49.6	44.5	57-73	
Average 0700-1700 week		48.4	49.6	45.8	54-79	
Average 0800-1300 Sat		48.1	49.9	44.8	57-73	



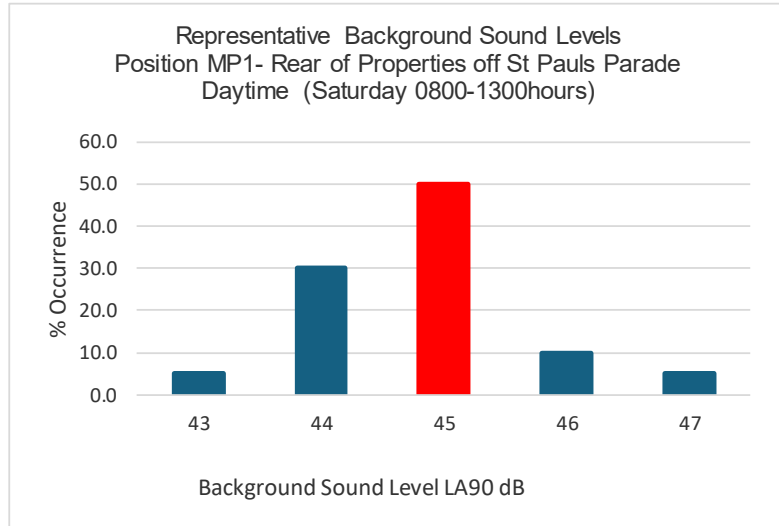
Background Sound Survey: Position MP1
Saturday 16th November 2024 (0800-1300 hours)



LA90	% Occurrence
43	5.0
44	17.5
45	15.0
46	27.5
47	32.5
48	2.5



LA90	% Occurrence
43	5.0
44	30.0
45	50.0
46	10.0
47	5.0



Noise Survey Results

Date: Friday 15th November 2024 TABLE 4
 Location: Yew Tree Quarry, Stairfoot, Barnsley
 Client: Green Earth Developments (Group) Ltd
 Project: Restoration of Yew Tree Quarry
 Data: **Baseline Sound Survey: Position MP2 - Rear of Albany Close**
 Instrumentation: Cirrus 171A Real Time Analyser (G304789)
 Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations	
07:00	15:00	44.4	48.6	38.9	59.2	Local and distant road traffic noise	
07:15	15:00	48.2	49.2	40.2	55.8		
07:30	15:00	46.5	46.2	40.4	50.7		
07:45	15:00	48.3	48.3	41.5	55.0		
08:00	15:00	47.0	50.0	42.2	55.3		
08:15	15:00	48.9	51.0	45.7	56.5		
08:30	15:00	50.1	52.2	46.7	61.2		
08:45	15:00	49.3	51.4	46.1	55.0		
09:00	15:00	52.1	53.9	47.5	74.2		
09:15	15:00	48.5	49.7	46.8	56.9		
09:30	15:00	49.6	50.9	46.0	60.1		
09:45	15:00	48.1	49.0	46.5	57.4		
10:00	15:00	47.4	48.9	44.7	58.6		Local and distant road traffic noise
10:15	15:00	49.0	50.1	45.8	63.1		
10:30	15:00	50.2	51.7	47.6	64.1		
10:45	15:00	49.8	51.4	47.6	59.8		
11:00	15:00	47.5	48.9	45.3	56.2		
11:15	15:00	48.6	50.4	46.1	60.0		
11:30	15:00	48.5	49.6	45.7	65.4		
11:45	15:00	48.8	50.5	46.1	59.7		
12:00	15:00	49.0	50.9	46.1	60.5		
12:15	15:00	49.7	50.2	45.7	66.8		
12:30	15:00	47.3	48.6	44.0	63.0		
12:45	15:00	47.9	50.2	45.0	60.4		
Average 0700-1300		48.7	50.3	45.4	51-74		

Noise Survey Results

Date: Friday 15th November 2024
 Location: Yew Tree Quarry, Stairfoot, Barnsley
 Client: Green Earth Developments (Group) Ltd
 Project: Restoration of Yew Tree Quarry
 Data: **Baseline Sound Survey: Position MP2 - Rear of Albany Close**
 Instrumentation: Cirrus 171A Real Time Analyser (G304789)
 Calibration: 94dB

TABLE 5

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
13:00	15:00	50.6	52.3	47.9	66.2	
13:15	15:00	52.1	53.6	49.3	65.9	
13:30	15:00	50.4	52.1	47.8	62.7	
13:45	15:00	51.0	52.8	48.3	62.1	
14:00	15:00	51.1	53.0	48.1	64.4	
14:15	15:00	51.2	52.9	48.4	68.8	
14:30	15:00	51.6	53.5	47.9	65.9	
14:45	15:00	50.0	51.7	47.0	66.5	
15:00	15:00	49.0	50.6	46.5	58.0	
15:15	15:00	49.9	52.0	46.2	65.7	
15:30	15:00	49.5	50.4	46.3	60.8	
15:45	15:00	48.7	50.6	45.9	61.7	
16:00	15:00	50.8	53.1	47.2	64.4	
16:15	15:00	51.4	53.7	47.5	68.2	
16:30	15:00	48.2	50.4	45.0	62.2	
16:45	15:00	48.4	49.2	44.8	65.5	
17:00	15:00	48.7	50.2	45.9	63.7	
17:15	15:00	47.8	49.0	45.3	63.4	
17:30	15:00	47.5	48.5	44.7	61.1	
17:45	15:00	47.9	49.3	46.1	52.2	
18:00	15:00	48.7	50.1	46.4	56.9	
18:15	15:00	47.8	49.3	45.8	52.9	
18:30	15:00	48.9	50.2	46.5	62.5	
18:45	15:00	53.9	51.2	46.2	72.9	
Average 1300-1900		50.1	51.5	46.8	52-73	
Average 0700-1900		49.4	50.9	46.2	51-74	

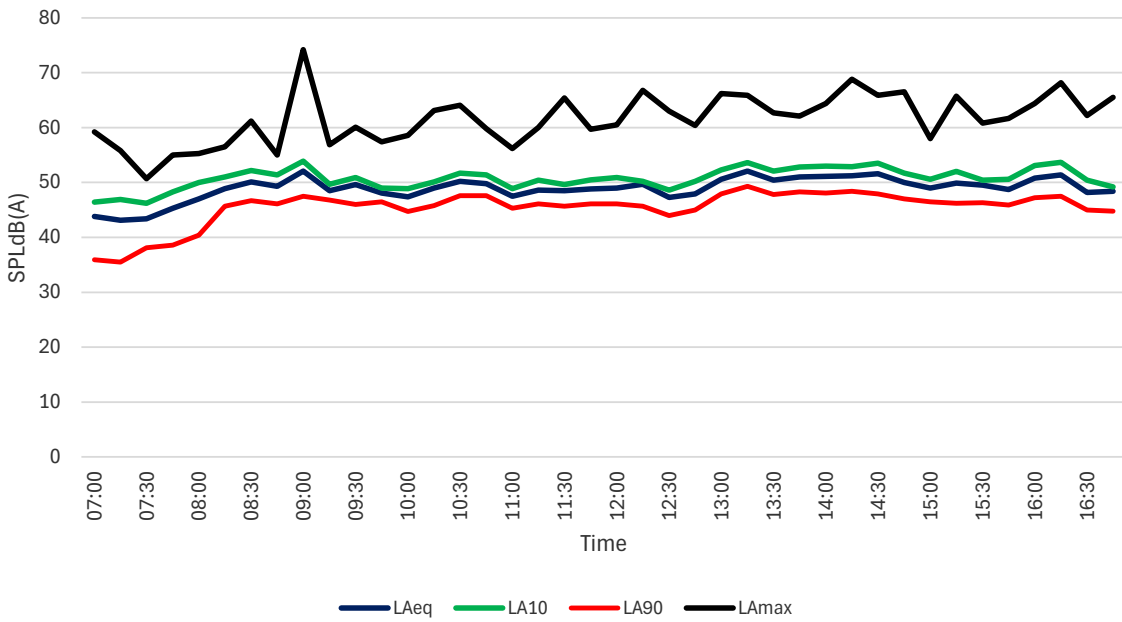
Noise Survey Results

Date: Saturday 16th November 2024
 Location: Yew Tree Quarry, Stairfoot, Barnsley
 Client: Green Earth Developments (Group) Ltd
 Project: Restoration of Yew Tree Quarry
 Data: **Baseline Sound Survey: Position MP2 - Rear of Albany Close**
 Instrumentation: Cirrus 171A Real Time Analyser (G304789)
 Calibration: 94dB

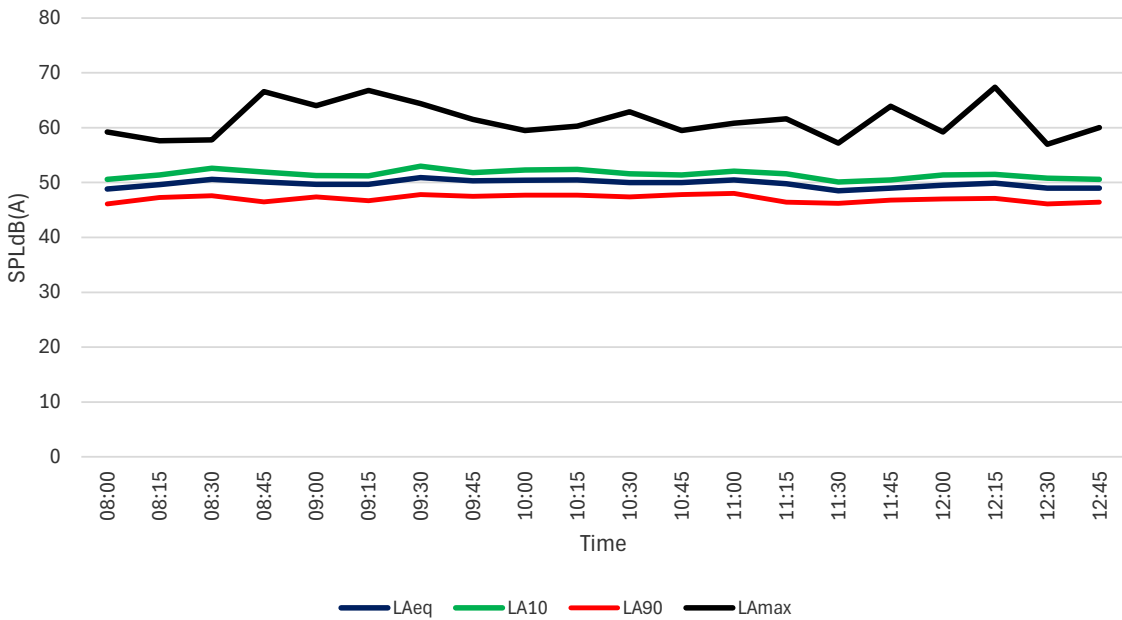
TABLE 6

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
07:00	15:00	45.5	47.9	41.4	55.4	
07:15	15:00	47.7	49.8	43.9	59.2	
07:30	15:00	49.3	51.0	45.3	68.8	
07:45	15:00	49.4	51.3	46.2	56.9	
08:00	15:00	48.8	50.6	46.1	59.2	
08:15	15:00	49.6	51.4	47.3	57.6	
08:30	15:00	50.6	52.6	47.6	57.8	
08:45	15:00	50.1	51.9	46.5	66.6	
09:00	15:00	49.7	51.3	47.4	64.0	
09:15	15:00	49.7	51.2	46.7	66.8	
09:30	15:00	50.9	53.0	47.8	64.4	
09:45	15:00	50.3	51.8	47.5	61.5	
10:00	15:00	50.4	52.3	47.7	59.5	
10:15	15:00	50.5	52.4	47.7	60.3	
10:30	15:00	50.0	51.6	47.4	62.9	
10:45	15:00	50.0	51.4	47.8	59.5	
11:00	15:00	50.5	52.1	48.0	60.8	
11:15	15:00	49.8	51.6	46.4	61.6	
11:30	15:00	48.5	50.1	46.2	57.2	
11:45	15:00	49.0	50.5	46.8	63.9	
12:00	15:00	49.5	51.4	47.0	59.2	
12:15	15:00	49.9	51.5	47.1	67.4	
12:30	15:00	49.0	50.8	46.1	57.0	
12:45	15:00	49.0	50.6	46.4	60.0	
Average 0700-1300		49.6	51.3	46.7	55-69	
Average 0700-1700 week		49.4	51.1	46.2	51-74	
Average 0800-1300 Sat		49.8	51.5	47.1	57-67	

Background Sound Survey: Position MP2
Friday 15th November 2024
0700 to 1700 hours

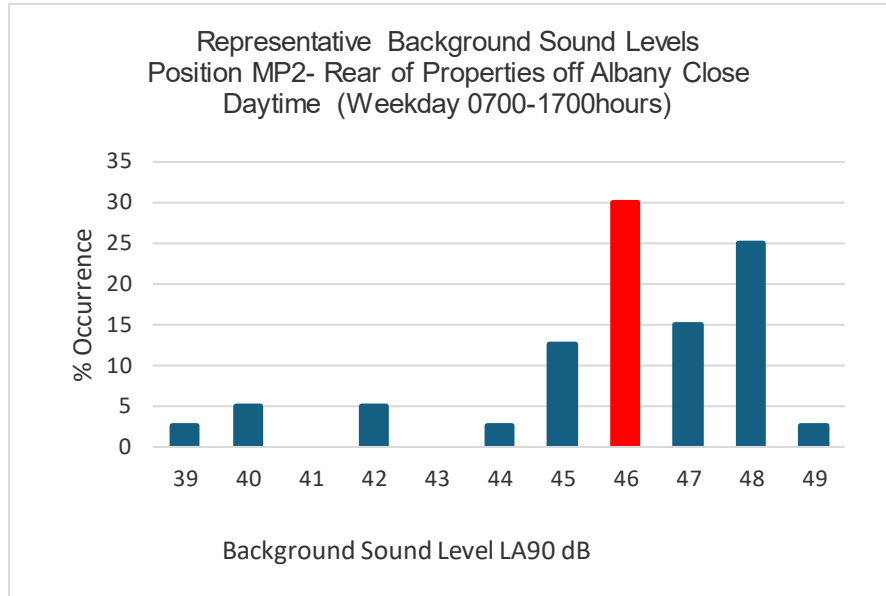


Background Sound Survey: Position MP2
Saturday 16th November 2024
0800 to 1300 hours



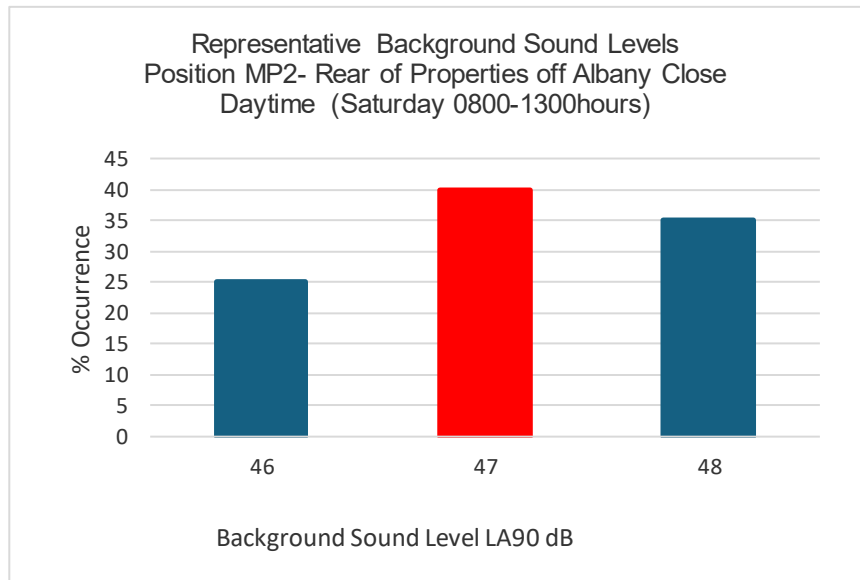
LA90 % Occurrence

39	2.5
40	5.0
41	0.0
42	5.0
43	0.0
44	2.5
45	12.5
46	30
47	15
48	25
49	2.5



LA90 % Occurrence

46	25.0
47	40.0
48	35.0



Noise Survey Results

Date: Friday 15th November 2024

TABLE 7

Location: Yew Tree Quarry, Stairfoot, Barnsley

Client: Green Earth Developments (Group) Ltd

Project: Restoration of Yew Tree Quarry

Data: **Baseline Sound Survey: Position MP3 - Side of Property off Wombwell Lane**

Instrumentation: Norsonic 140 Real Time Analyser (1405418)

Calibration: 94dB

Start Time	Run Time (mins.)	LAeq (dB)	LA10 (dB)	LA90 (dB)	LAmx (dB)	Observations
09:00	15:00	64.3	66.5	58.0	72-78	Local road traffic noise
09:15	15:00	64.8	66.7	57.6	75-82	Local road traffic noise
09:30	15:00	63.7	65.8	57.5	69-77	Local road traffic noise
09:45	15:00	64.1	66.4	58.1	73-79	Local road traffic noise
Average 0900-1000		64.2	66.3	57.8	69-82	