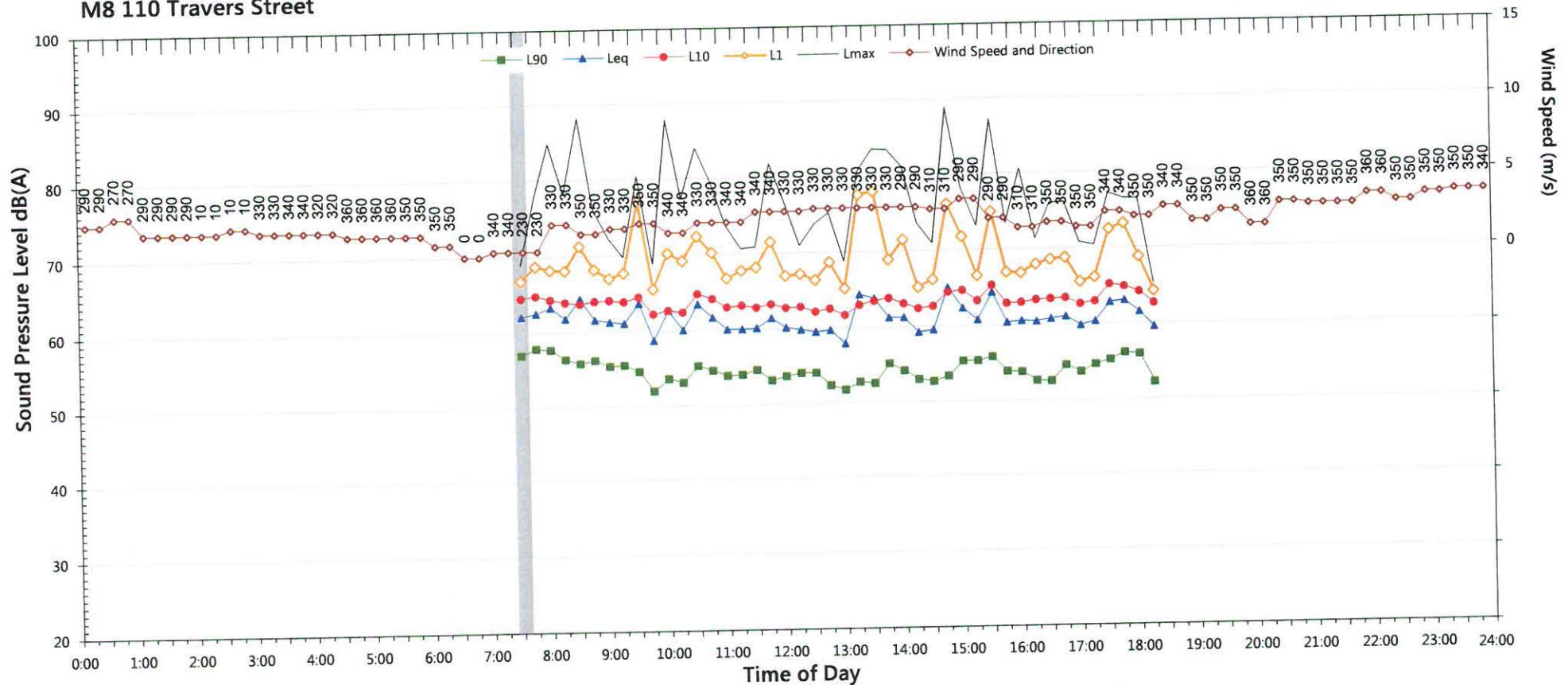


Unattended Noise Monitoring Results

M8 110 Travers Street

Thursday, 23 June 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	52.6	-	-
L _{Aeq}	61.8	-	-

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes:

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.
2. "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days
3. "Evening" is the period from 6pm till 10pm
4. "Night" relates to the remaining periods
5. "Night" relates to period from 10pm on this graph to morning on the following graph.
6. Graphed data measured in free-field; tabulated results facade corrected
7. Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

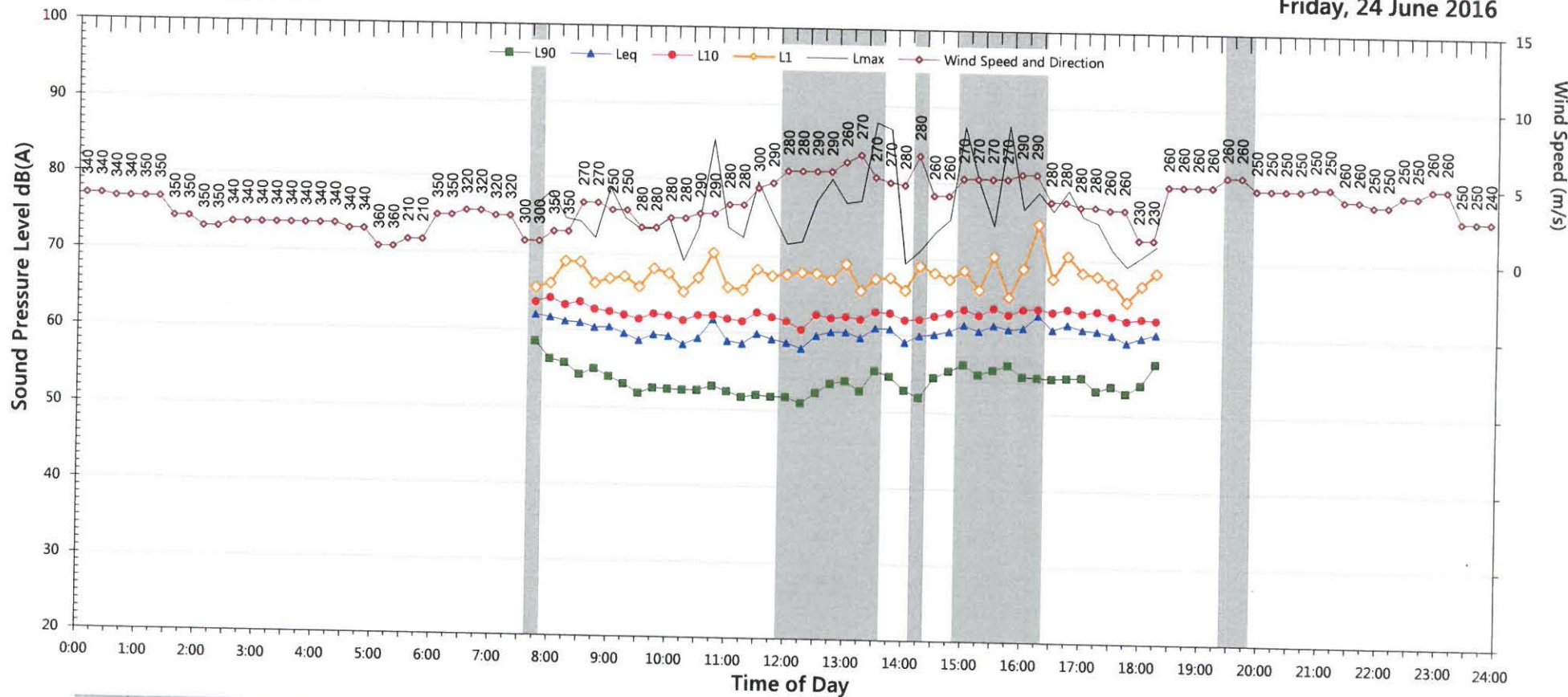
NSW Road Noise Policy (1m from facade) (see note 6)

Descriptor	Day	Night ⁵
	7am-10pm	10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	64.2	-
L _{eq} 1hr upper 10 percentile	65.4	-
L _{eq} 1hr lower 10 percentile	61.9	-

Unattended Noise Monitoring Results

M8 110 Travers Street

Friday, 24 June 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	-	-	-
L _{Aeq}	-	-	-

Night Time Maximum Noise Levels

		(see note 7)
L _{Max} (Range)	- to -	
L _{Max} - L _{eq} (Range)	- to -	

Notes:

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.

3. "Evening" is the period from 6pm till 10pm

6. Graphed data measured in free-field; tabulated results facade corrected

4. "Night" relates to the remaining periods

7. Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)

Descriptor	Day 7am-10pm	Night ⁵ 10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	-	-
L _{eq} 1hr upper 10 percentile	-	-
L _{eq} 1hr lower 10 percentile	-	-

2. "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days

5. "Night" relates to period from 10pm on this graph to morning on the following graph

Data File: Various

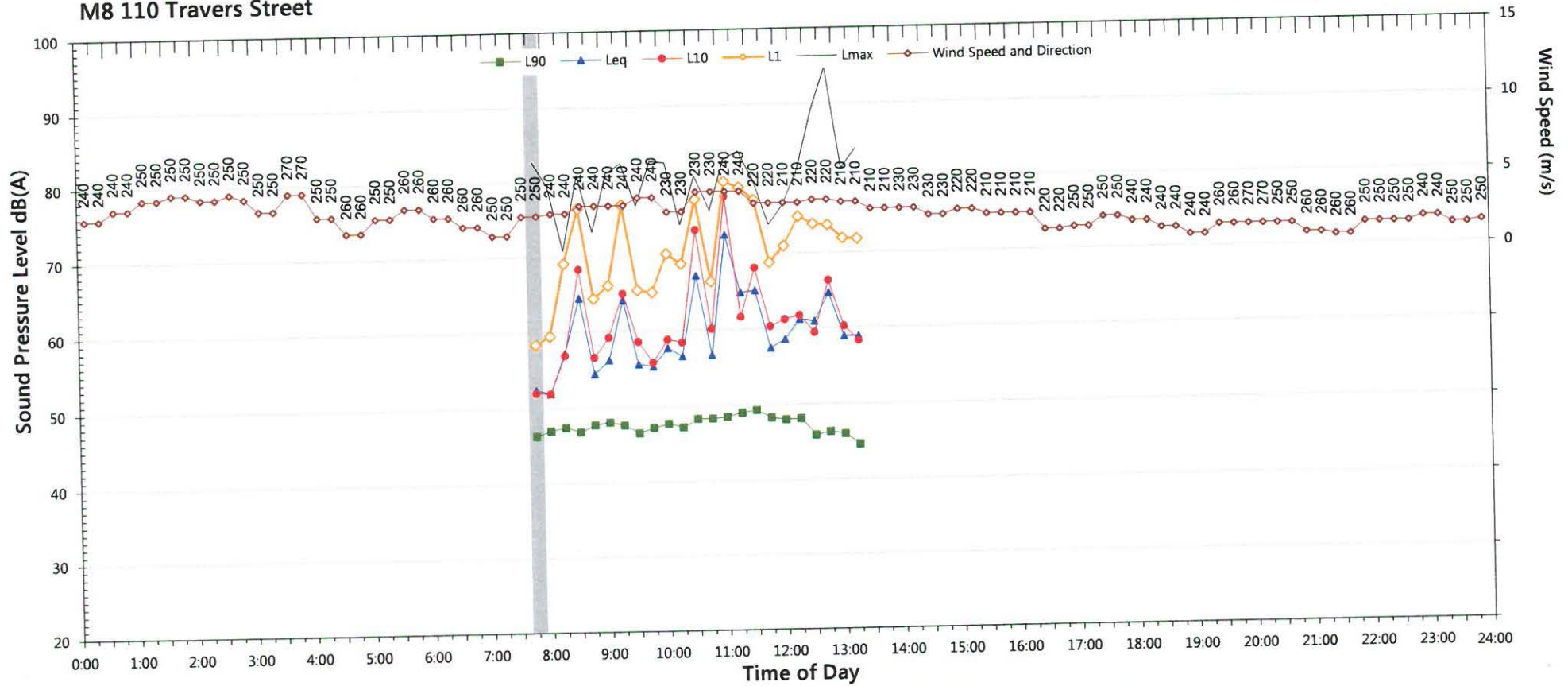
TH925 - M8 110 Travers street combined(r3)

QTE-26 (rev 11) Logger Graphs Program

Unattended Noise Monitoring Results

M8 110 Travers Street

Saturday, 25 June 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	46.0	-	-
L _{Aeq}	63.3	-	-

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.
2. "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days
3. "Evening" is the period from 6pm till 10pm
4. "Night" relates to the remaining periods
5. "Night" relates to period from 10pm on this graph to morning on the following graph.
6. Graphed data measured in free-field; tabulated results facade corrected
7. Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade)

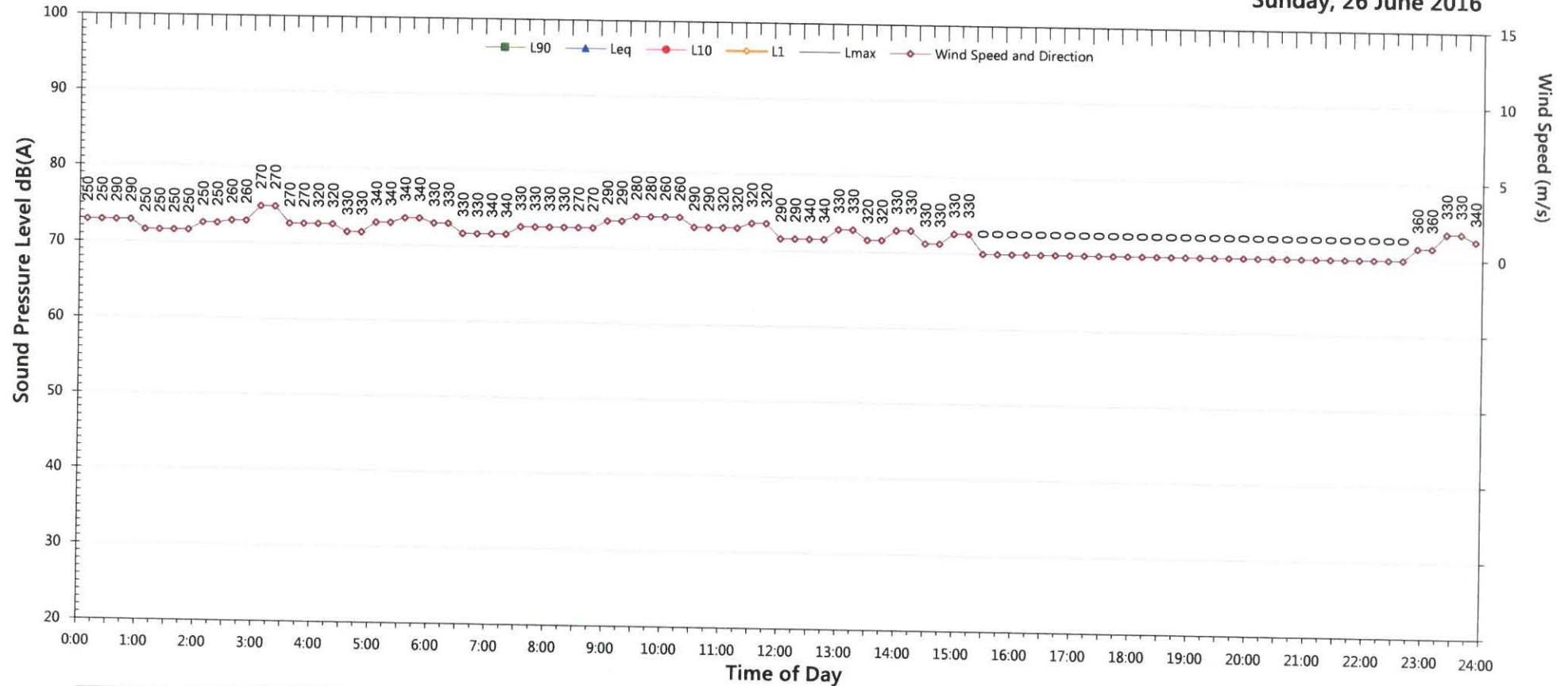
(see note 6)

Descriptor	Day	Night ⁵
	7am-10pm	10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	65.8	-
L _{eq} 1hr upper 10 percentile	70.3	-
L _{eq} 1hr lower 10 percentile	54.4	-

Unattended Noise Monitoring Results

M8 110 Travers Street

Sunday, 26 June 2016



NSW Industrial Noise Policy (Free Field)			
Descriptor	Day ²	Evening ³	Night ^{4 5}
L ₉₀	-	-	-
L _{Aeq}	-	-	-
Night Time Maximum Noise Levels			(see note 7)
L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes

- Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.
- "Evening" is the period from 6pm till 10pm
- "Night" relates to the remaining periods
- Graphed data measured in free-field; tabulated results facade corrected

NSW Road Noise Policy (1m from facade) (see note 6)		
Descriptor	Day	Night ⁵
	7am-10pm	10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	-	-
L _{eq} 1hr upper 10 percentile	-	-
L _{eq} 1hr lower 10 percentile	-	-

- "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days
- "Night" relates to period from 10pm on this graph to morning on the following graph.
- Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

Data File: Various

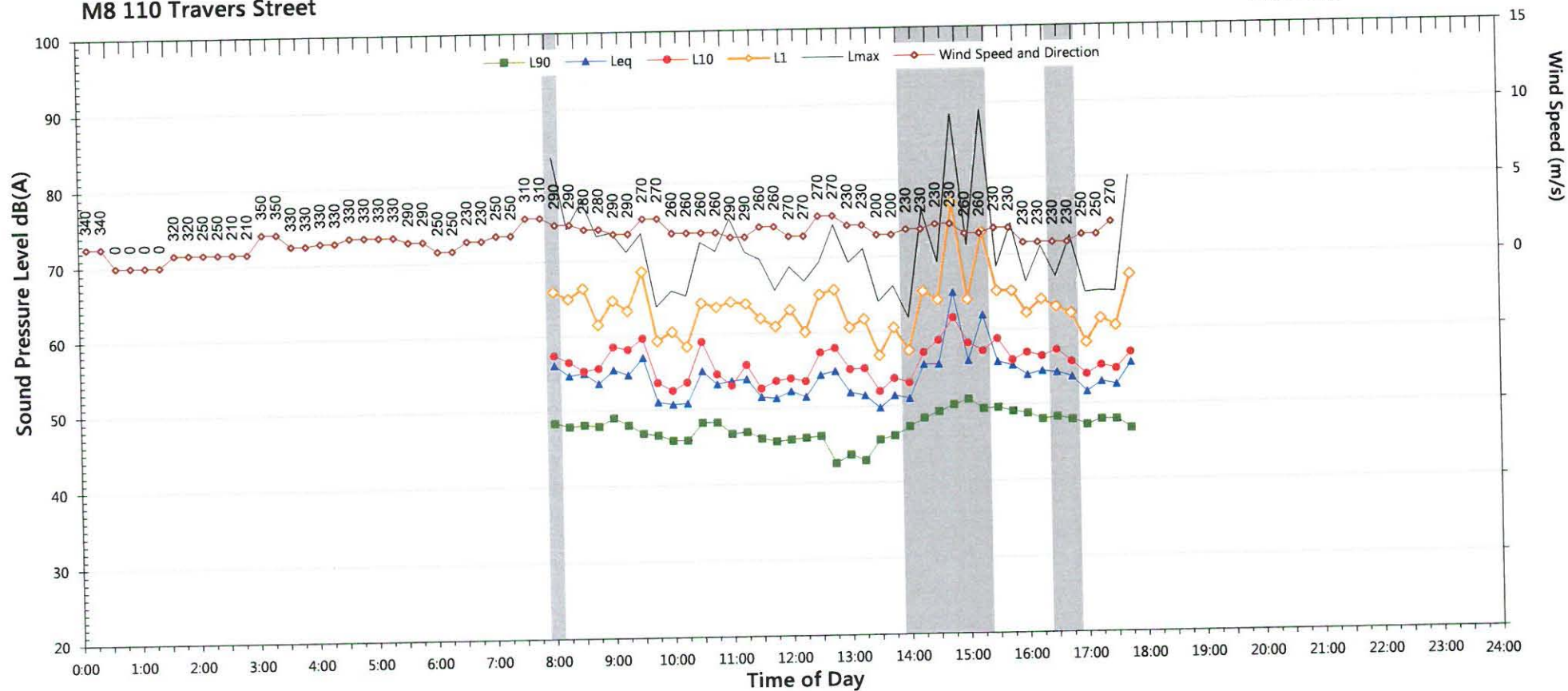
TH925 - M8 110 Travers street combined(r3)

QTE-26 (rev 11) Logger Graphs Program

Unattended Noise Monitoring Results

M8 110 Travers Street

Monday, 27 June 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	-	-	-
L _{Aeq}	-	-	-

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes:

- Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.
- "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days
- "Evening" is the period from 6pm till 10pm
- "Night" relates to the remaining periods
- "Night" relates to period from 10pm on this graph to morning on the following graph.
- Graphed data measured in free-field; tabulated results facade corrected
- Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)

Descriptor	Day 7am-10pm	Night ⁵ 10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	-	-
L _{eq} 1hr upper 10 percentile	-	-
L _{eq} 1hr lower 10 percentile	-	-

Data File: Various

TH925 - M8 110 Travers street combined(r3)

QTE-26 (rev 11) Logger Graphs Program

71 Horizon Circuit

Background & Ambient Noise Monitoring Results - NSW 'Industrial Noise Policy', 2000

Date	L _{A90} Background Noise Levels ⁴			L _{Aeq} Ambient Noise Levels		
	Day ¹	Evening ²	Night ³	Day ¹	Evening ²	Night ³
Tuesday-21-June-2016	-	-	-	61.3	-	-
Wednesday-22-June-2016	50.2	-	-	60.8	-	-
Thursday-23-June-2016	53.8	-	-	62.4	-	-
Friday-24-June-2016	-	-	-	-	-	-
Saturday-25-June-2016	50.4	-	-	60.1	-	-
Sunday-26-June-2016	-	-	-	-	-	-
Monday-27-June-2016	-	-	-	-	-	-
Representative Weekday⁵	52.0	-	-	61.6	-	-
Representative Weekend⁵	50.4	-	-	60.1	-	-
Representative Week⁵	50.4	-	-	61.2	-	-

Notes:

1. Day is 8:00am to 6:00pm on Sunday and 7:00am to 6:00pm at other times

2. Evening is 6:00pm to 10:00pm

3. Night is the remaining periods

4. Assessment Background Level (ABL) for individual days

5. Rating Background Level (RBL) for L_{A90} and logarithmic average for L_{Aeq}

71 Horizon Circuit

Road / Rail Noise Monitoring Results (at one metre from façade)

Date	L _{Aeq} Noise Levels		L _{Aeq 1hr} Noise Levels			
	Day ¹	Night ²	Day - Up ⁴	Day - Low ⁵	Night - Up ⁴	Night - Low ⁵
Tuesday-21-June-2016	63.8	-	66.5	62.5	-	-
Wednesday-22-June-2016	63.3	-	65.7	60.6	-	-
Thursday-23-June-2016	65.0	-	66.7	62.9	-	-
Friday-24-June-2016	-	-	-	-	-	-
Saturday-25-June-2016	62.6	-	63.7	61.2	-	-
Sunday-26-June-2016	-	-	-	-	-	-
Monday-27-June-2016	-	-	-	-	-	-
Representative Weekday³	64.1	-	66.3	62.1	-	-
Representative Weekend³	62.6	-	63.7	61.2	-	-
Representative Week³	63.8	-	65.8	61.9	-	-

Notes:

1. Day is 7:00am to 10:00pm

2. Night is 10:00pm to 7:00am

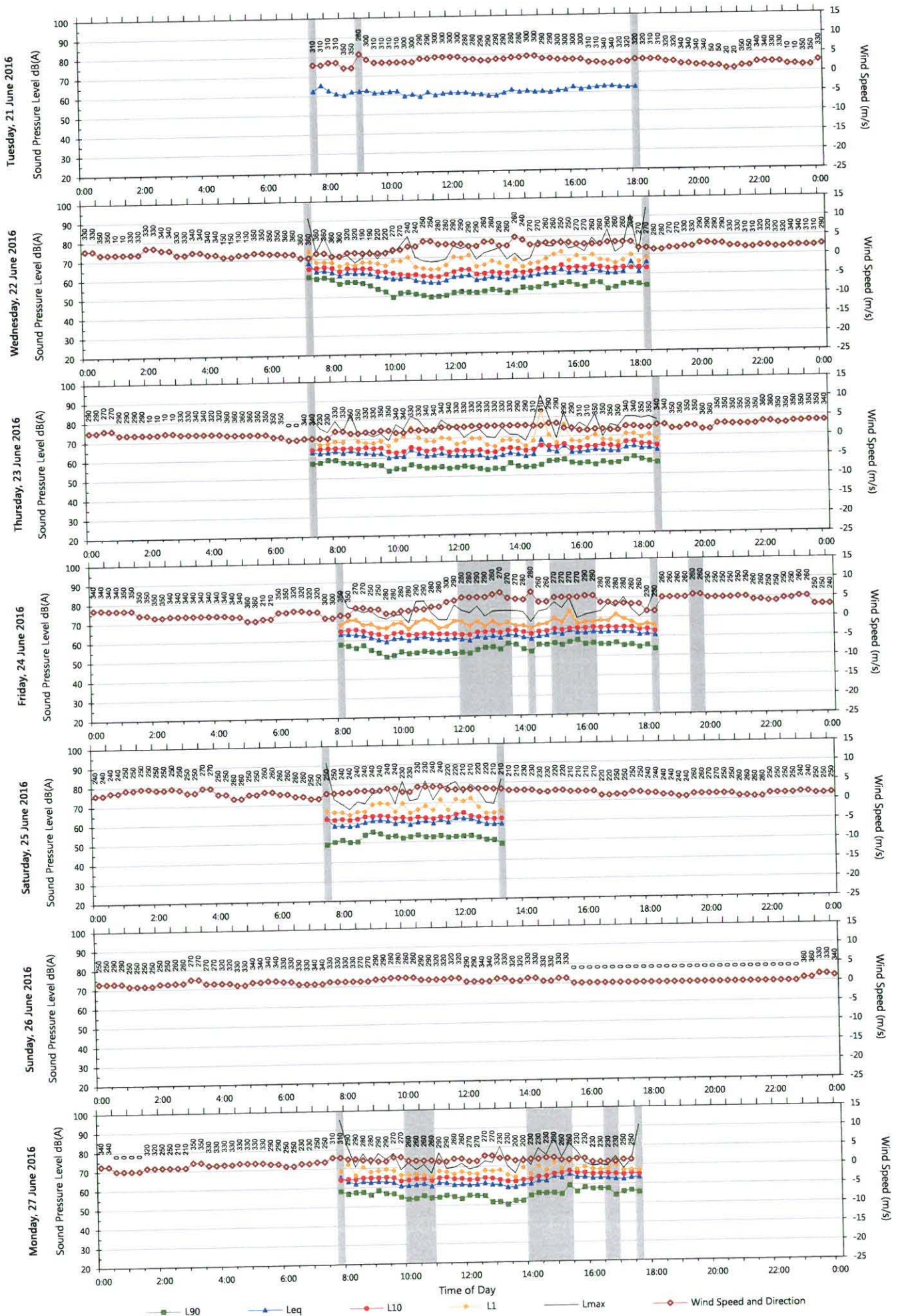
3. Logarithmic average of daily L_{Aeq}

4. Upper 10th percentile L_{Aeq 1hr}

5. Lower 10th percentile L_{Aeq 1hr}

Unattended Monitoring Results

Location: 71 Horizon Circuit



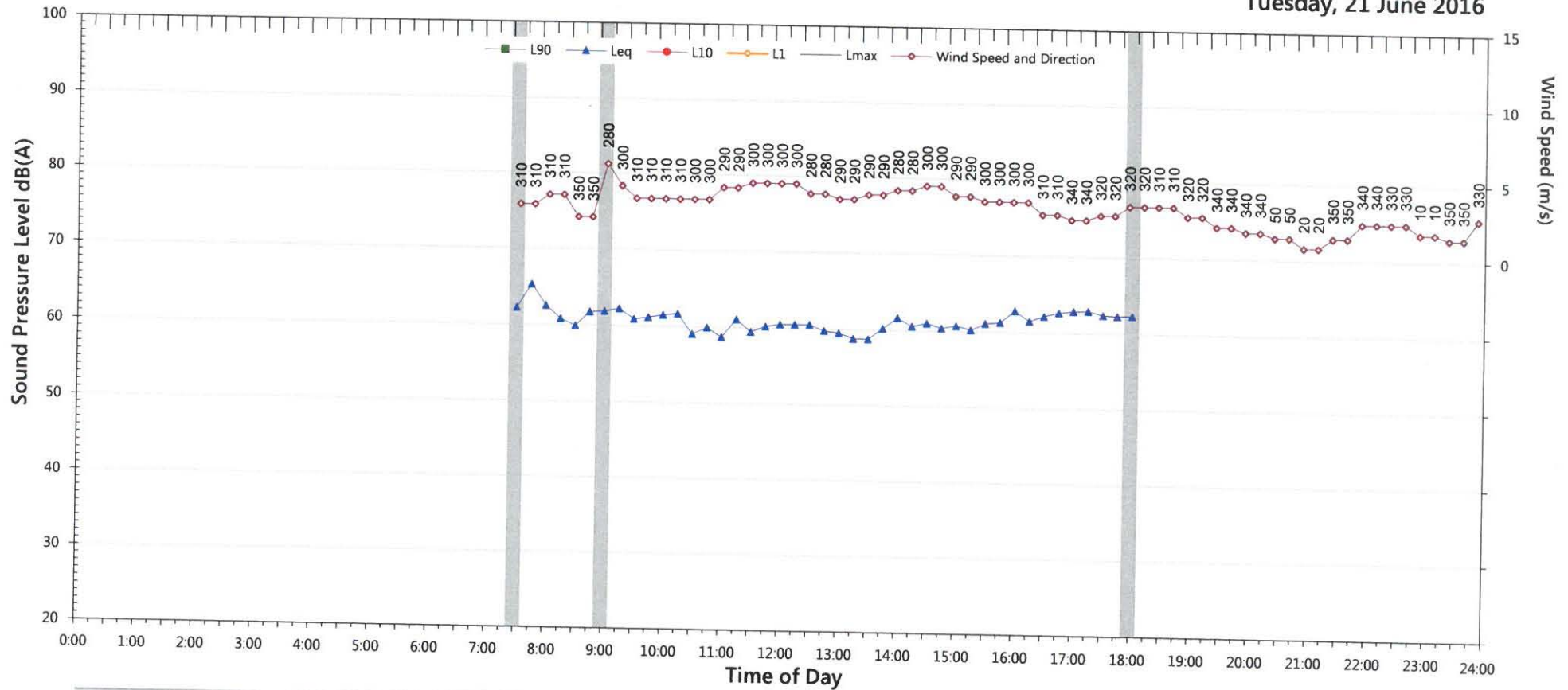
Data File: various

Template: QTE-26 (rev 11) Logger Graphs Program

Unattended Noise Monitoring Results

71 Horizon Circuit

Tuesday, 21 June 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	-	-	-
L _{Aeq}	61.3	-	-

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes:

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.

3. "Evening" is the period from 6pm till 10pm

6. Graphed data measured in free-field; tabulated results facade corrected

4. "Night" relates to the remaining periods

7. Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)

Descriptor	Day	Night ⁵
	7am-10pm	10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	63.8	-
L _{eq} 1hr upper 10 percentile	66.5	-
L _{eq} 1hr lower 10 percentile	62.5	-

2. "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days.

5. "Night" relates to period from 10pm on this graph to morning on the following graph.

Data File: various

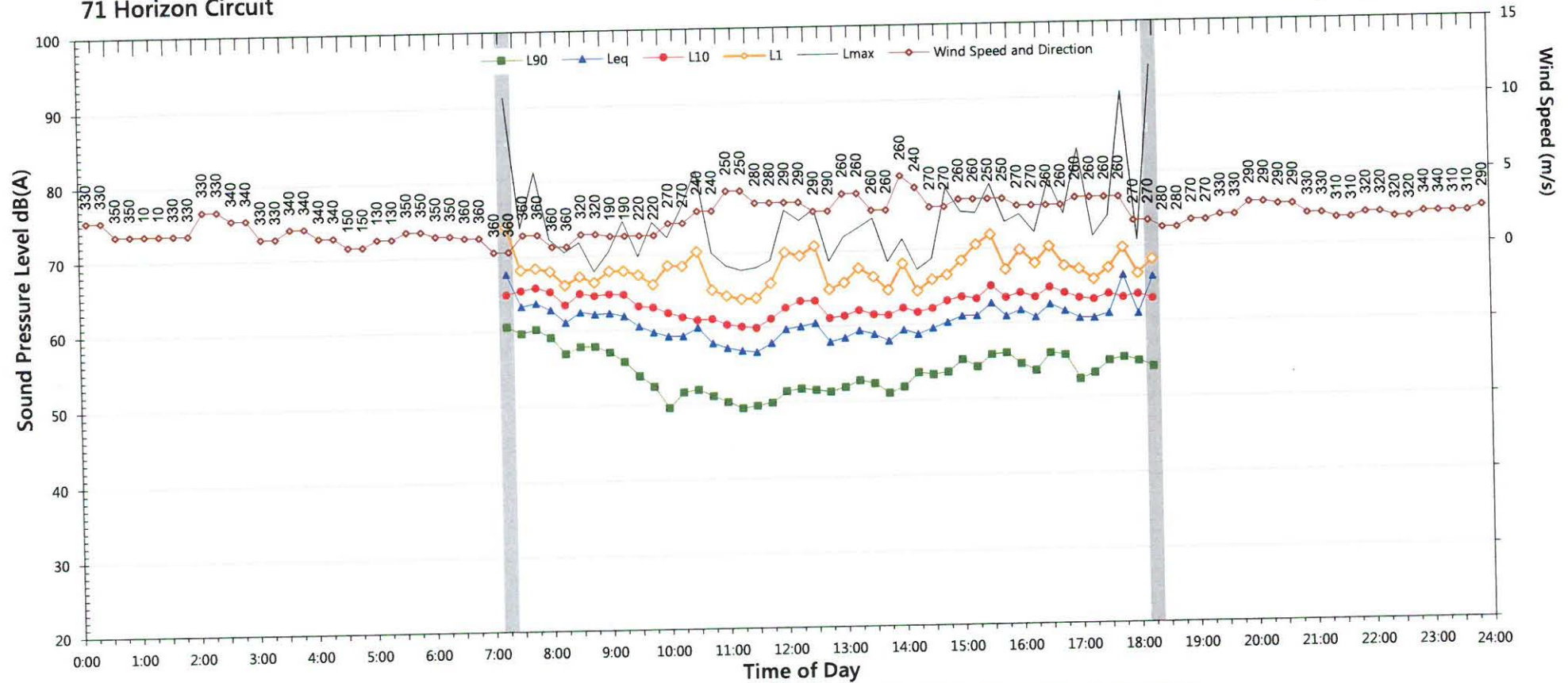
TH925 - M8A 71 Horizon Circuit combined (r1)

QTE-26 (rev 11) Logger Graphs Program

Unattended Noise Monitoring Results

Wednesday, 22 June 2016

71 Horizon Circuit



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	50.2	-	-
L _{Aeq}	60.8	-	-

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes:

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.
2. "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days
3. "Evening" is the period from 6pm till 10pm
4. "Night" relates to the remaining periods
5. "Night" relates to period from 10pm on this graph to morning on the following graph.
6. Graphed data measured in free-field; tabulated results facade corrected
7. Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)

Descriptor	Day	Night ⁵
	7am-10pm	10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	63.3	-
L _{eq} 1hr upper 10 percentile	65.7	-
L _{eq} 1hr lower 10 percentile	60.6	-

Data File: various

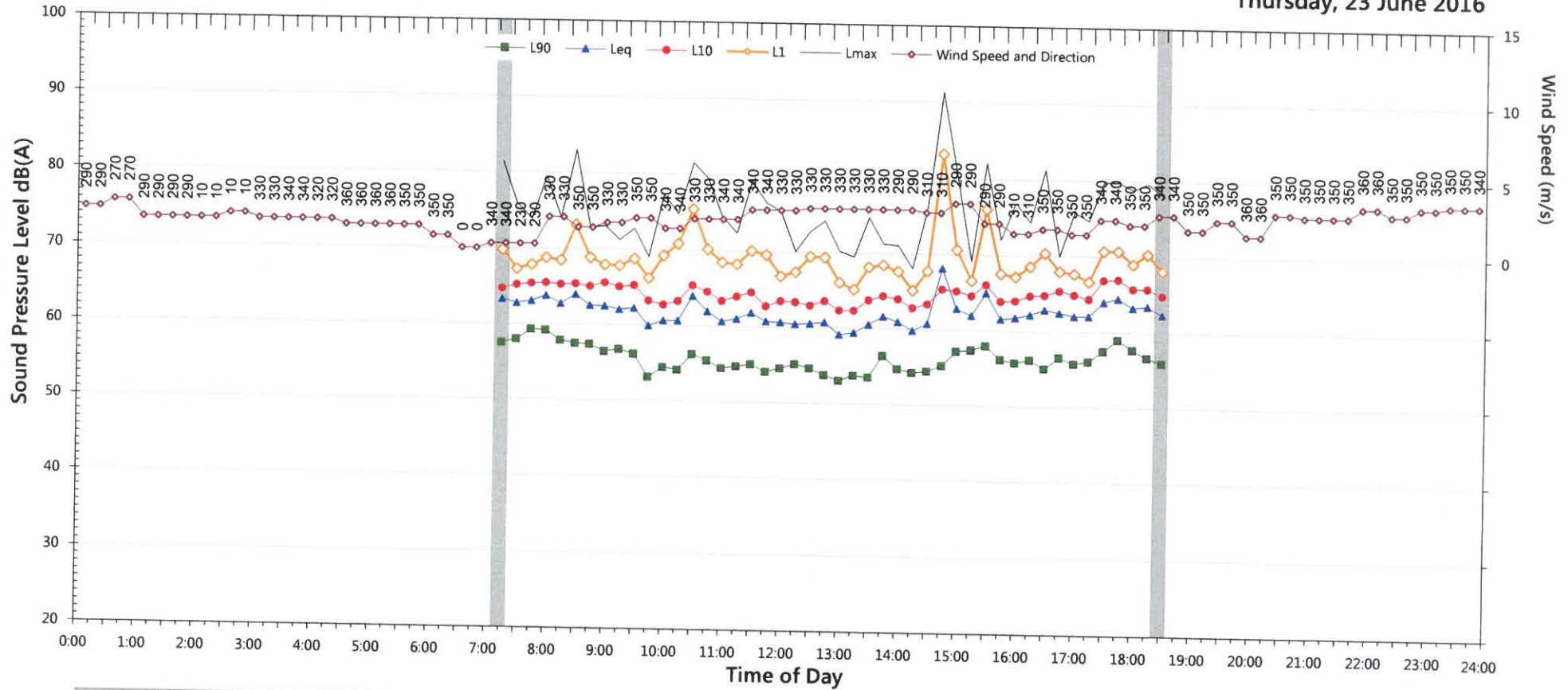
TH925 - M8A 71 Horizon Circuit combined (r1)

QTE-26 (rev 11) Logger Graphs Program

Unattended Noise Monitoring Results

71 Horizon Circuit

Thursday, 23 June 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4 5}
L ₉₀	53.8	-	-
L _{Aeq}	62.4	-	-

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes:

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.

3. "Evening" is the period from 6pm till 10pm

6. Graphed data measured in free-field; tabulated results facade corrected

4. "Night" relates to the remaining periods

7. Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)

Descriptor	Day 7am-10pm	Night ⁵ 10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	65.0	-
L _{eq} 1hr upper 10 percentile	66.7	-
L _{eq} 1hr lower 10 percentile	62.9	-

2. "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days

5. "Night" relates to period from 10pm on this graph to morning on the following graph.

Data File: various

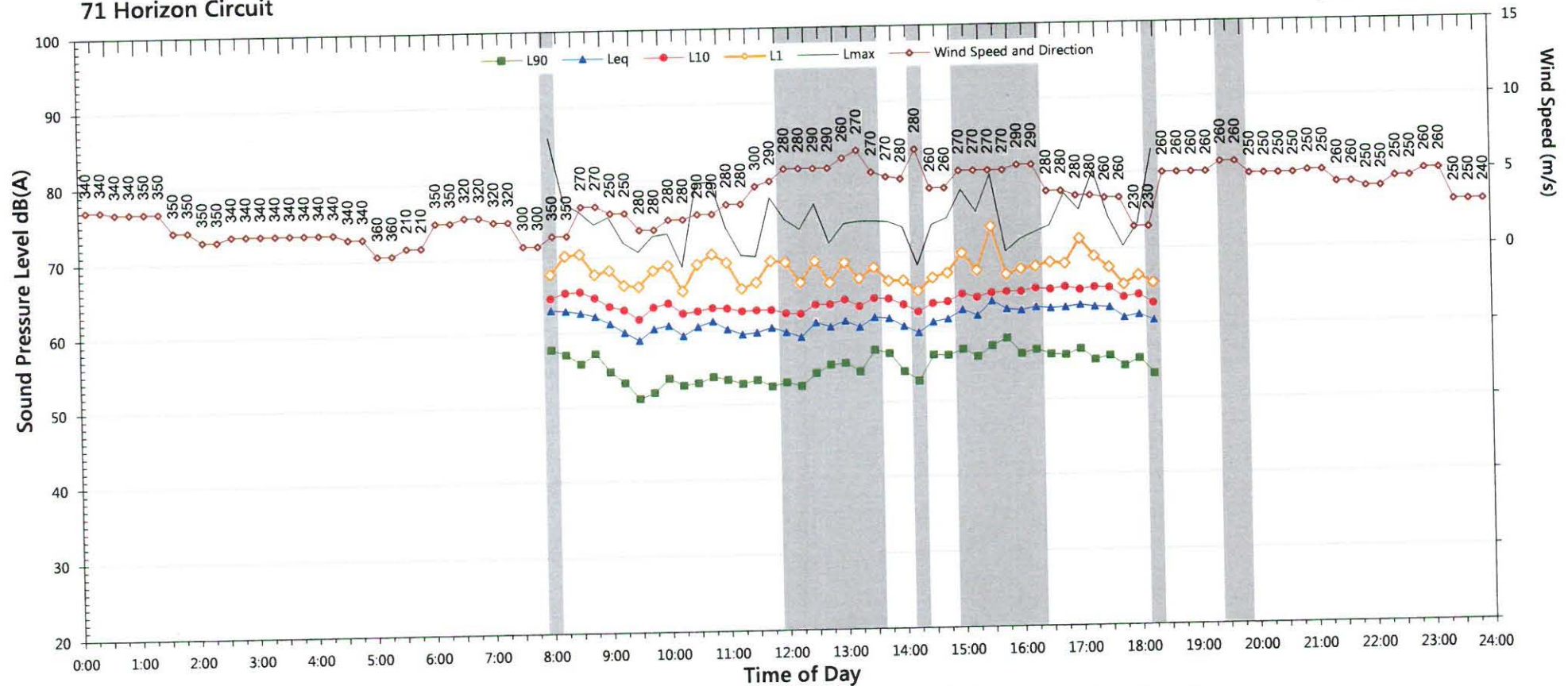
TH925 - M8A 71 Horizon Circuit combined (r1)

QTE-26 (rev 11) Logger Graphs Program

Unattended Noise Monitoring Results

Friday, 24 June 2016

71 Horizon Circuit



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	-	-	-
L _{Aeq}	-	-	-

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes:

- Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.
- "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days
- "Evening" is the period from 6pm till 10pm
- "Night" relates to the remaining periods
- "Night" relates to period from 10pm on this graph to morning on the following graph.
- Graphed data measured in free-field; tabulated results facade corrected
- Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

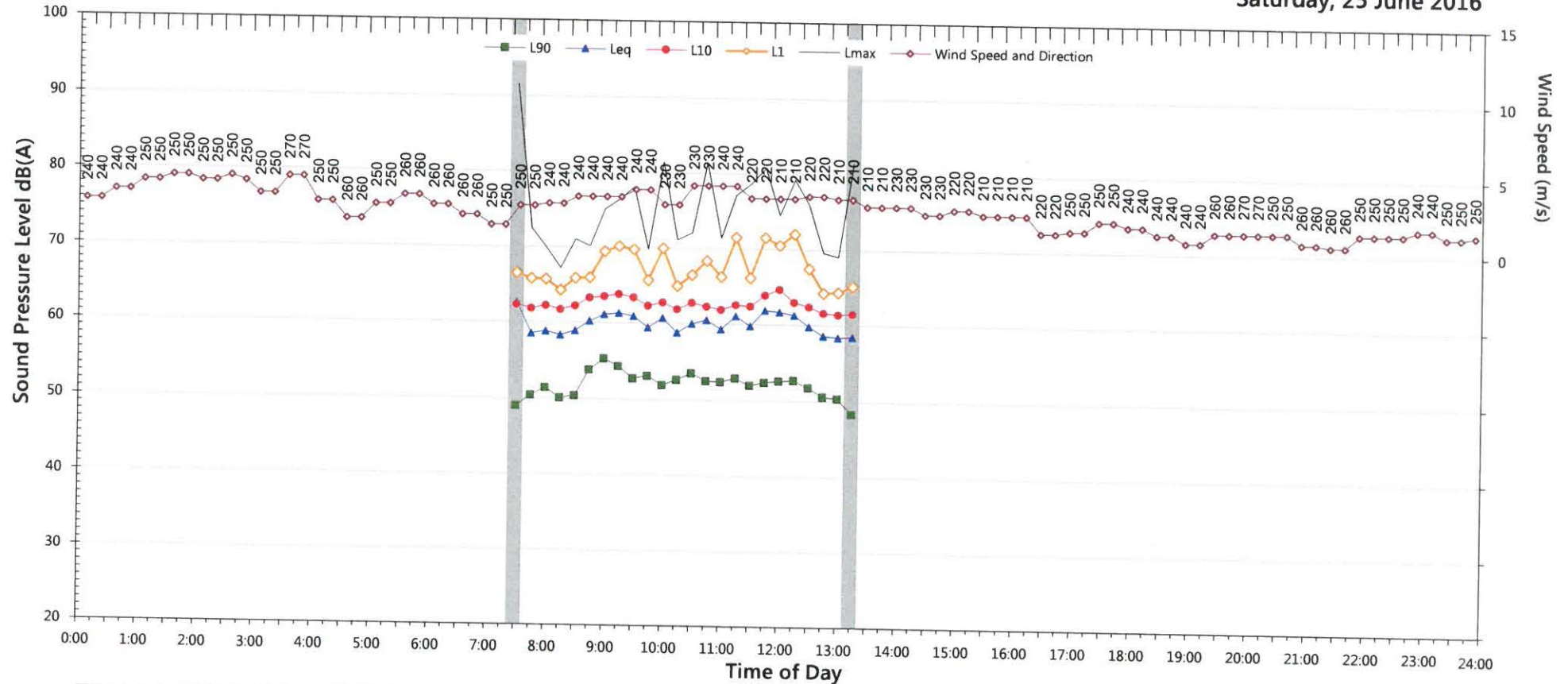
NSW Road Noise Policy (1m from facade) (see note 6)

Descriptor	Day 7am-10pm	Night ⁵ 10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	-	-
L _{eq} 1hr upper 10 percentile	-	-
L _{eq} 1hr lower 10 percentile	-	-

Unattended Noise Monitoring Results

71 Horizon Circuit

Saturday, 25 June 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4 5}
L ₉₀	50.4	-	-
L _{Aeq}	60.1	-	-

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.
2. "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days
3. "Evening" is the period from 6pm till 10pm
4. "Night" relates to the remaining periods
5. "Night" relates to period from 10pm on this graph to morning on the following graph.
6. Graphed data measured in free-field; tabulated results facade corrected
7. Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)

Descriptor	Day 7am-10pm	Night ⁵ 10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	62.6	-
L _{eq} 1hr upper 10 percentile	63.7	-
L _{eq} 1hr lower 10 percentile	61.2	-

Data File: various

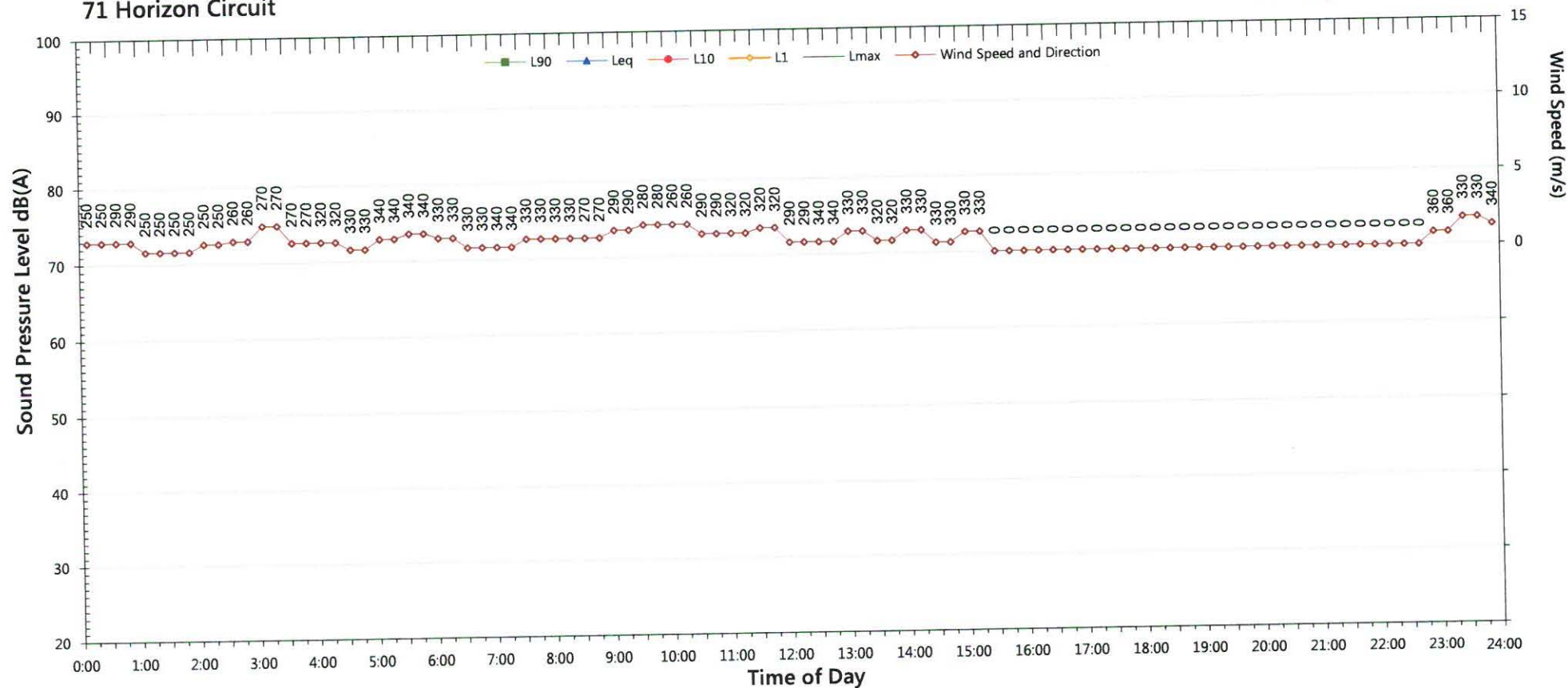
TH925 - M8A 71 Horizon Circuit combined (r1)

QTE-26 (rev 11) Logger Graphs Program

Unattended Noise Monitoring Results

71 Horizon Circuit

Sunday, 26 June 2016



NSW Industrial Noise Policy (Free Field)			
Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	-	-	-
L _{Aeq}	-	-	-
Night Time Maximum Noise Levels (see note 7)			
L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes

- Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.
- "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days
- "Evening" is the period from 6pm till 10pm
- "Night" relates to the remaining periods
- Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)
- Graphed data measured in free-field; tabulated results facade corrected

NSW Road Noise Policy (1m from facade) (see note 6)		
Descriptor	Day	Night ⁵
	7am-10pm	10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	-	-
L _{eq} 1hr upper 10 percentile	-	-
L _{eq} 1hr lower 10 percentile	-	-

Data File: various

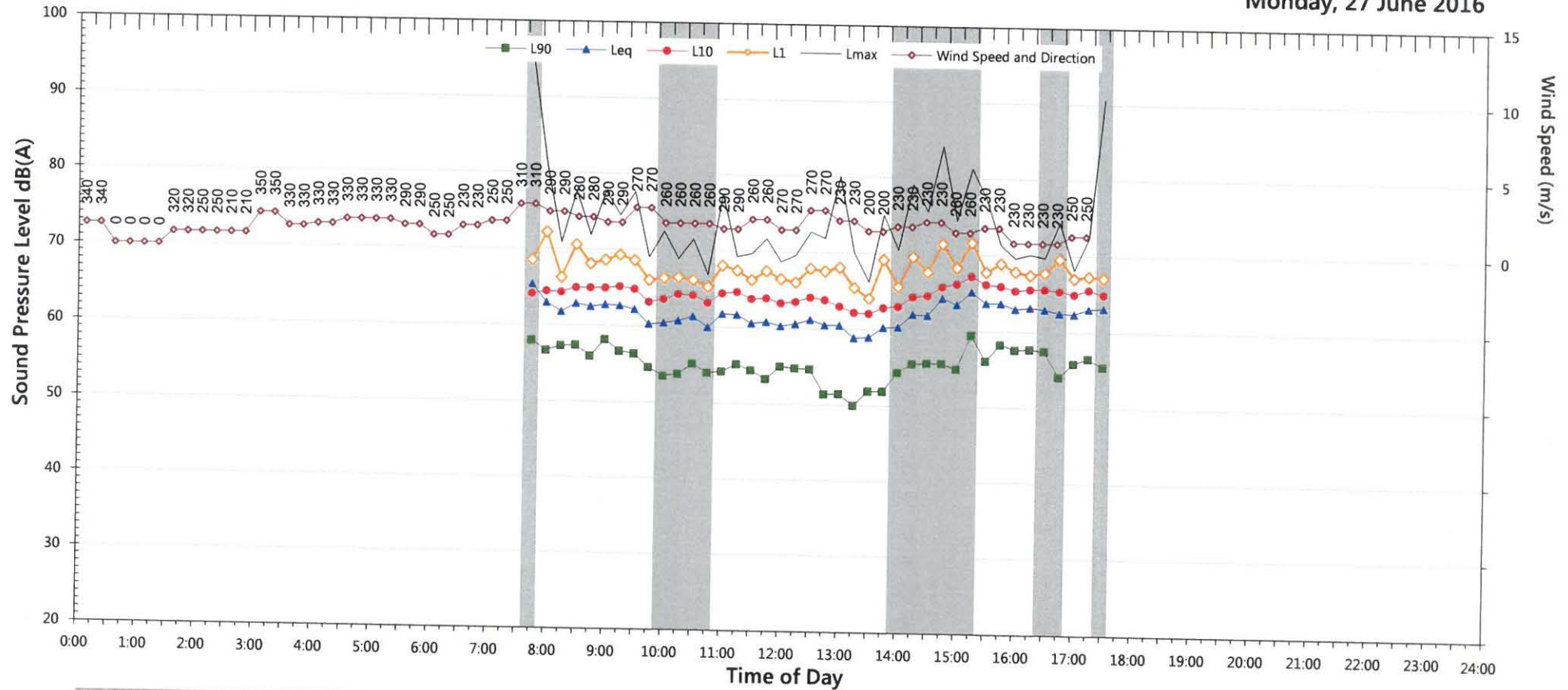
TH925 - M8A 71 Horizon Circuit combined (r1)

QTE-26 (rev 11) Logger Graphs Program

Unattended Noise Monitoring Results

71 Horizon Circuit

Monday, 27 June 2016



NSW Industrial Noise Policy (Free Field)			
Descriptor	Day ²	Evening ³	Night ^{4 5}
L ₉₀	-	-	-
L _{Aeq}	-	-	-
Night Time Maximum Noise Levels (see note 7)			
L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.
2. "Evening" is the period from 6pm till 10pm
3. "Night" relates to the remaining periods
4. "Night" relates to the remaining periods
5. "Night" relates to period from 10pm on this graph to morning on the following graph.
6. Graphed data measured in free-field; tabulated results facade corrected
7. Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)		
Descriptor	Day	Night ⁵
	7am-10pm	10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	-	-
L _{eq} 1hr upper 10 percentile	-	-
L _{eq} 1hr lower 10 percentile	-	-

Data File: various

TH925 - M8A 71 Horizon Circuit combined (r1)

QTE-26 (rev 11) Logger Graphs Program

99 Travers Street

Background & Ambient Noise Monitoring Results - NSW 'Industrial Noise Policy', 2000

Date	L _{A90} Background Noise Levels ⁴			L _{Aeq} Ambient Noise Levels		
	Day ¹	Evening ²	Night ³	Day ¹	Evening ²	Night ³
Tuesday-21-June-2016	51.4	-	-	60.3	-	-
Wednesday-22-June-2016	50.3	-	-	60.1	-	-
Thursday-23-June-2016	52.6	-	-	61.8	-	-
Friday-24-June-2016	-	-	-	-	-	-
Saturday-25-June-2016	49.6	-	-	60.3	-	-
Sunday-26-June-2016	-	-	-	-	-	-
Monday-27-June-2016	-	-	-	-	-	-
Representative Weekday ⁵	51.4	-	-	60.8	-	-
Representative Weekend ⁵	49.6	-	-	60.3	-	-
Representative Week ⁵	50.9	-	-	60.7	-	-

Notes:

1. Day is 8:00am to 6:00pm on Sunday and 7:00am to 6:00pm at other times
2. Evening is 6:00pm to 10:00pm
3. Night is the remaining periods
4. Assessment Background Level (ABL) for individual days
5. Rating Background Level (RBL) for L_{A90} and logarithmic average for L_{Aeq}

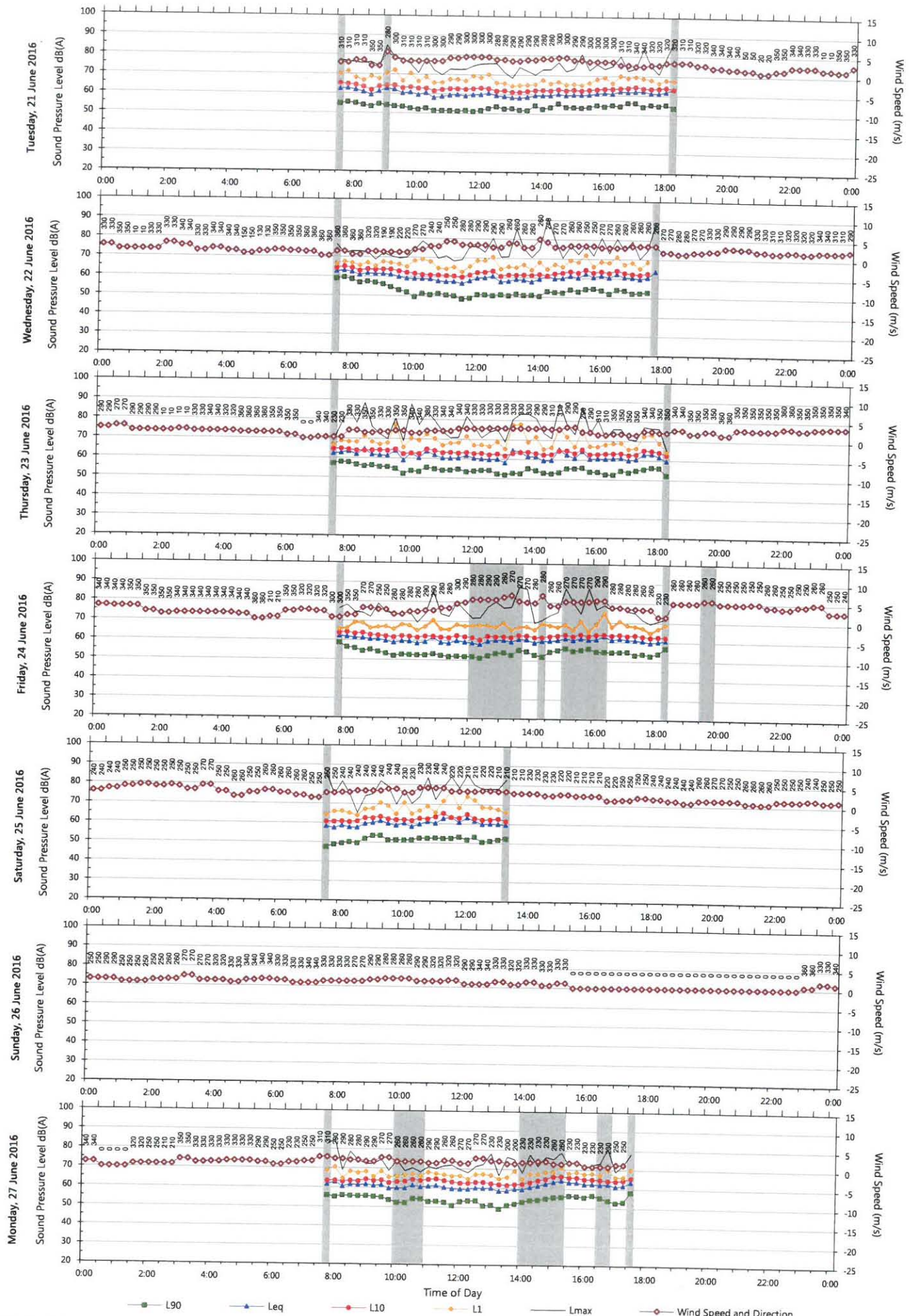
99 Travers Street

Road / Rail Noise Monitoring Results (at one metre from façade)

Date	L _{Aeq} Noise Levels		L _{Aeq 1hr} Noise Levels			
	Day ¹	Night ²	Day - Up ⁴	Day - Low ⁵	Night - Up ⁴	Night - Low ⁵
Tuesday-21-June-2016	62.8	-	64.6	61.4	-	-
Wednesday-22-June-2016	62.6	-	64.9	60.5	-	-
Thursday-23-June-2016	64.3	-	65.4	62.0	-	-
Friday-24-June-2016	-	-	-	-	-	-
Saturday-25-June-2016	62.8	-	65.0	60.4	-	-
Sunday-26-June-2016	-	-	-	-	-	-
Monday-27-June-2016	-	-	-	-	-	-
Representative Weekday ³	63.3	-	65.0	61.4	-	-
Representative Weekend ³	62.8	-	65.0	60.4	-	-
Representative Week ³	63.2	-	65.0	61.1	-	-

Notes:

1. Day is 7:00am to 10:00pm
2. Night is 10:00pm to 7:00am
3. Logarithmic average of daily L_{Aeq}
4. Upper 10th percentile L_{Aeq 1hr}
5. Lower 10th percentile L_{Aeq 1hr}



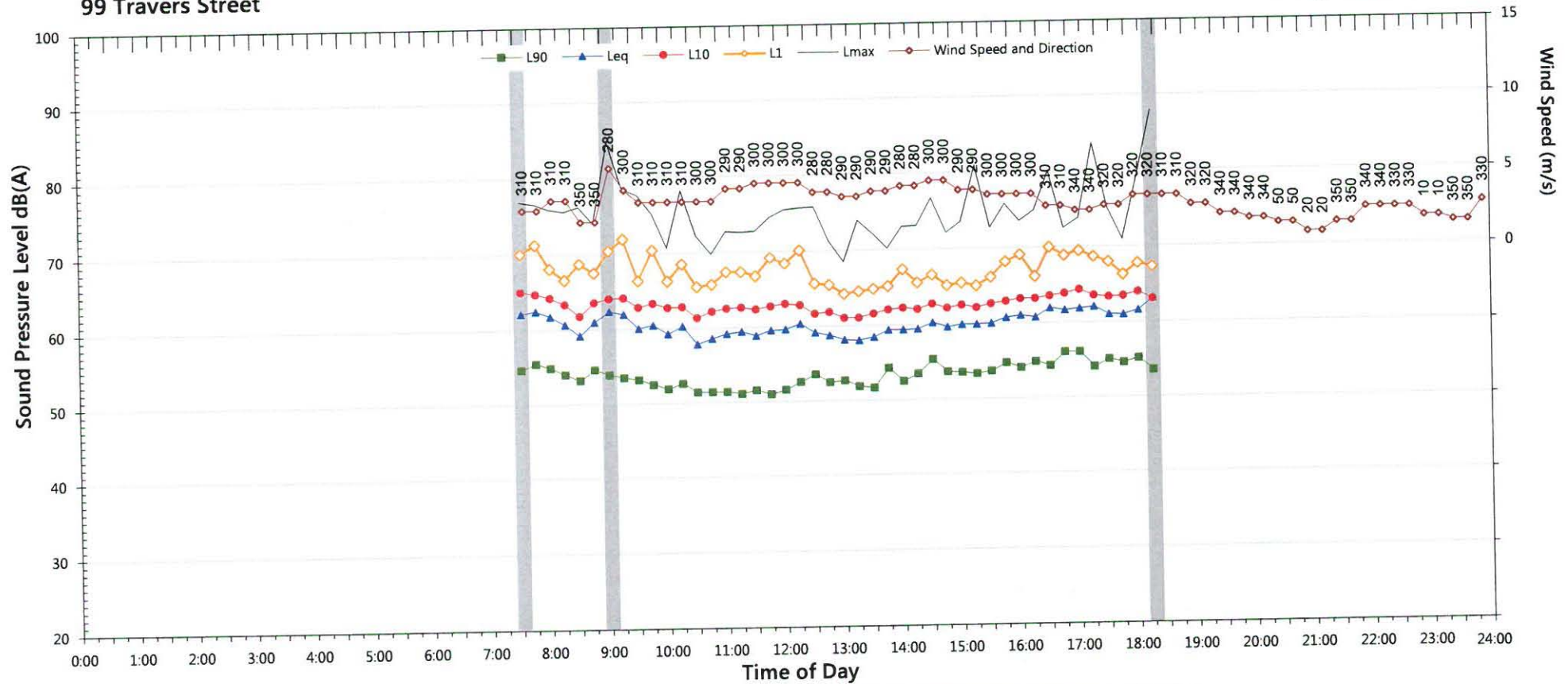
Data File: Various

Template: QTE-26 (rev 11) Logger Graphs Program

Unattended Noise Monitoring Results

99 Travers Street

Tuesday, 21 June 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	51.4	-	-
L _{Aeq}	60.3	-	-

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes:

- Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.
- "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days
- "Evening" is the period from 6pm till 10pm
- "Night" relates to the remaining periods
- "Night" relates to period from 10pm on this graph to morning on the following graph.
- Graphed data measured in free-field; tabulated results facade corrected
- Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)

Descriptor	Day 7am-10pm	Night ⁵ 10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	62.8	-
L _{eq} 1hr upper 10 percentile	64.6	-
L _{eq} 1hr lower 10 percentile	61.4	-

Data File: Various

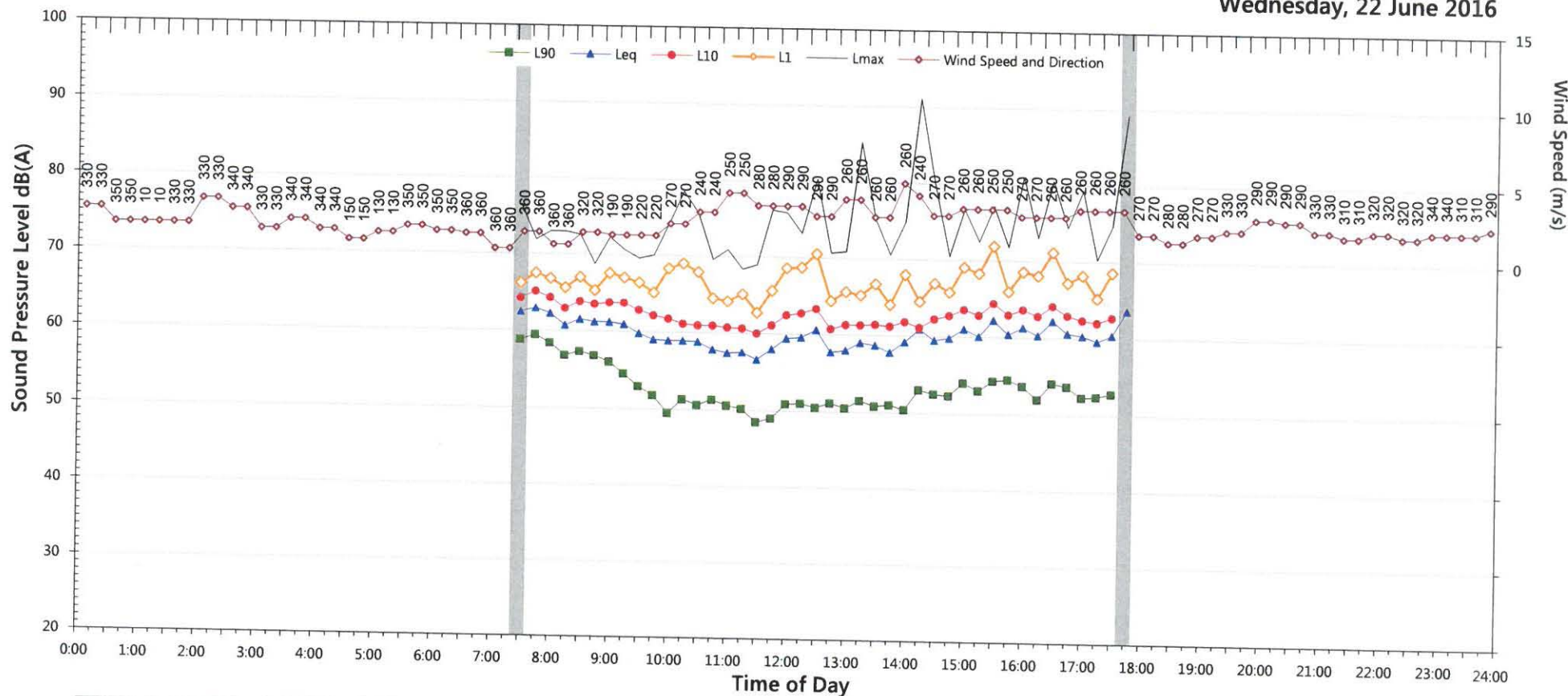
TH925 - M8B 99 Travers street combined(r1)

QTE-26 (rev 11) Logger Graphs Program

Unattended Noise Monitoring Results

99 Travers Street

Wednesday, 22 June 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4 5}
L ₉₀	50.3	-	-
L _{Aeq}	60.1	-	-

Night Time Maximum Noise Levels (see note 7)

L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes:

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.

3. "Evening" is the period from 6pm till 10pm

6. Graphed data measured in free-field; tabulated results facade corrected

4. "Night" relates to the remaining periods

7. Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)

Descriptor	Day 7am-10pm	Night ⁵ 10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	62.6	-
L _{eq} 1hr upper 10 percentile	64.9	-
L _{eq} 1hr lower 10 percentile	60.5	-

Data File: Various

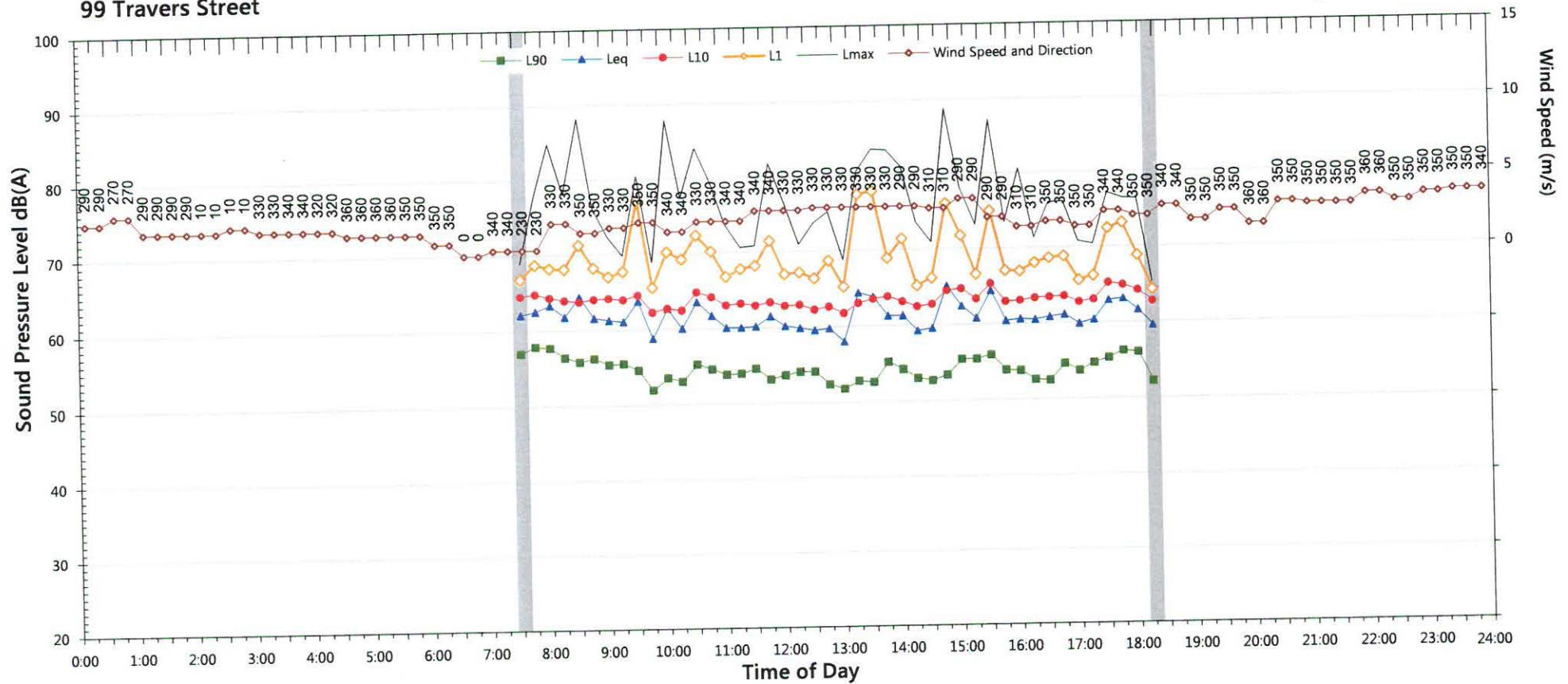
TH925 - M88 99 Travers street combined(r1)

QTE-26 (rev 11) Logger Graphs Program

Unattended Noise Monitoring Results

99 Travers Street

Thursday, 23 June 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	52.6	-	-
L _{Aeq}	61.8	-	-

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes:

- Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.
- "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days
- "Evening" is the period from 6pm till 10pm
- "Night" relates to the remaining periods
- "Night" relates to period from 10pm on this graph to morning on the following graph.
- Graphed data measured in free-field; tabulated results facade corrected
- Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)

Descriptor	Day	Night ⁵
	7am-10pm	10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	64.3	-
L _{eq} 1hr upper 10 percentile	65.4	-
L _{eq} 1hr lower 10 percentile	62.0	-

Data File: Various

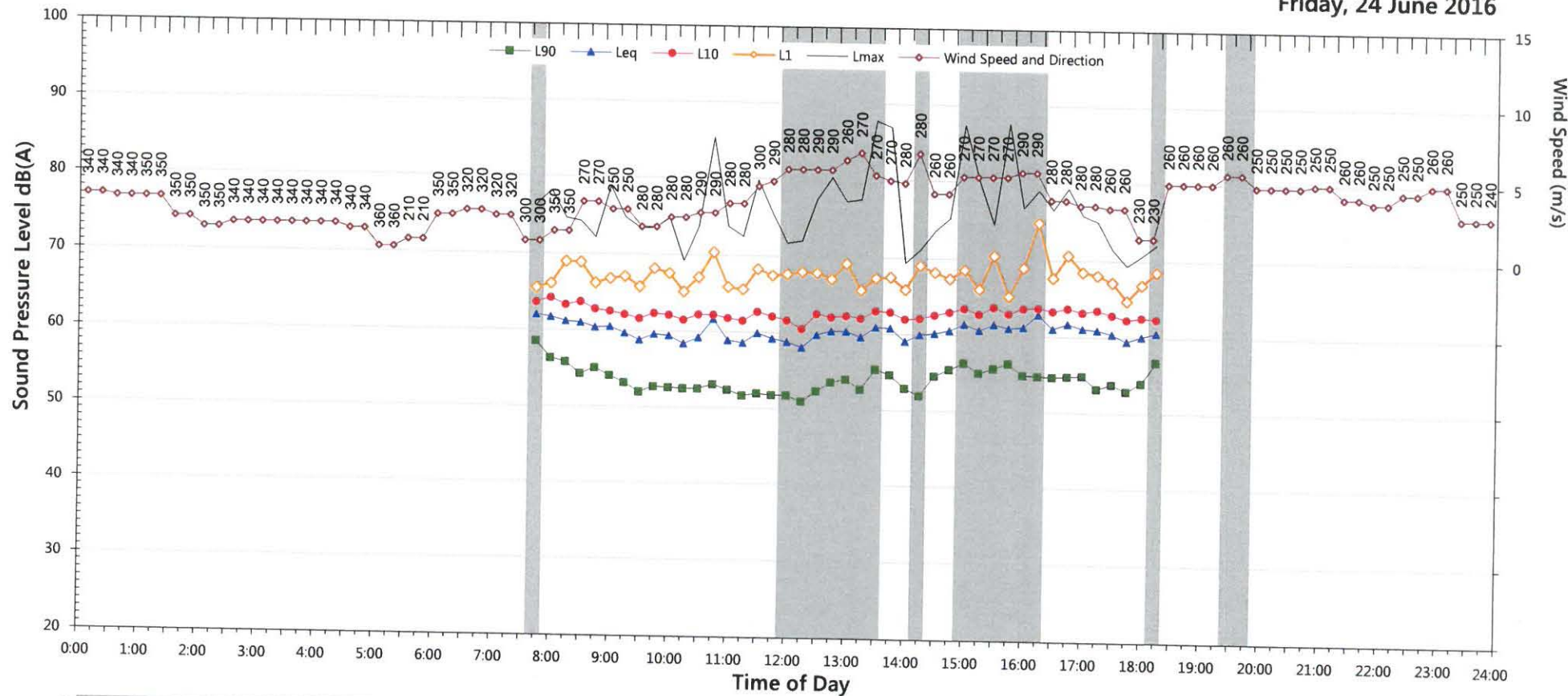
TH925 - M88 99 Travers street combined(r1)

QTE-26 (rev 11) Logger Graphs Program

Unattended Noise Monitoring Results

99 Travers Street

Friday, 24 June 2016



NSW Industrial Noise Policy (Free Field)			
Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	-	-	-
L _{Aeq}	-	-	-
Night Time Maximum Noise Levels (see note 7)			
L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes:

- Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.
- "Evening" is the period from 6pm till 10pm
- "Night" relates to the remaining periods
- Graphed data measured in free-field; tabulated results facade corrected

NSW Road Noise Policy (1m from facade) (see note 6)		
Descriptor	Day	Night ⁵
	7am-10pm	10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	-	-
L _{eq} 1hr upper 10 percentile	-	-
L _{eq} 1hr lower 10 percentile	-	-

- "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days
- "Night" relates to period from 10pm on this graph to morning on the following graph.
- Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

Data File: Various

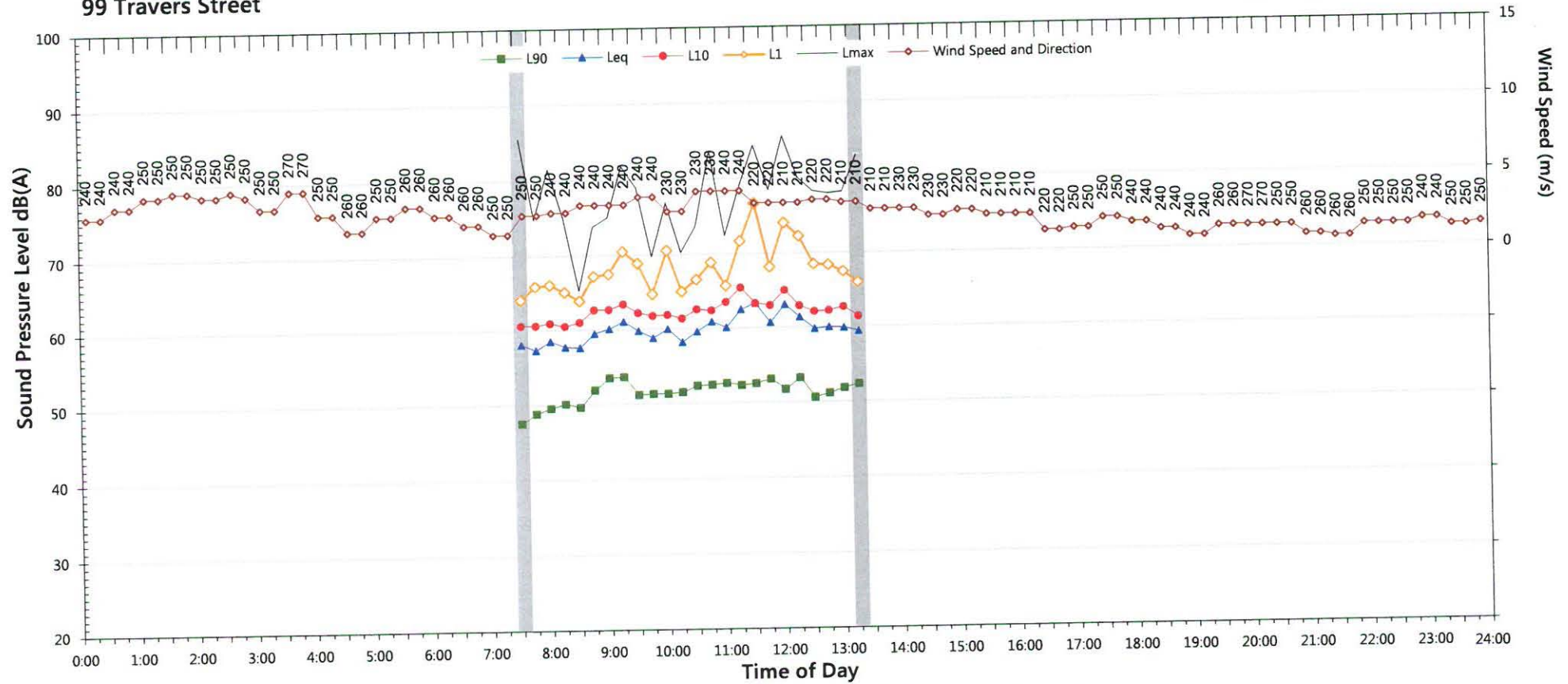
TH925 - M88 99 Travers street combined(r1)

QTE-26 (rev 11) Logger Graphs Program

Unattended Noise Monitoring Results

99 Travers Street

Saturday, 25 June 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	49.6	-	-
L _{Aeq}	60.3	-	-

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.
2. "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days
3. "Evening" is the period from 6pm till 10pm
4. "Night" relates to the remaining periods
5. "Night" relates to period from 10pm on this graph to morning on the following graph
6. Graphed data measured in free-field; tabulated results facade corrected
7. Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)

Descriptor	Day	Night ⁵
	7am-10pm	10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	62.8	-
L _{eq} 1hr upper 10 percentile	65.0	-
L _{eq} 1hr lower 10 percentile	60.4	-

Data File: Various

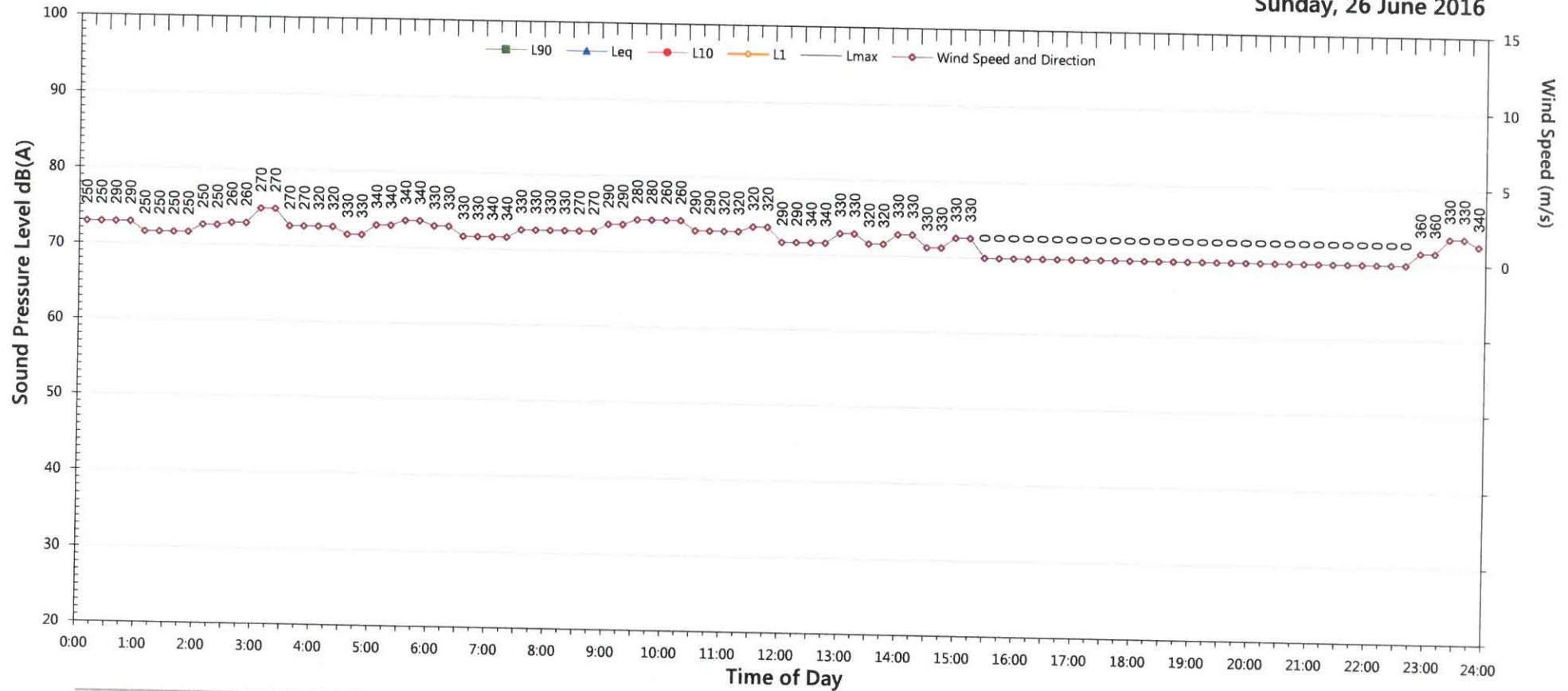
TH925 - M88 99 Travers street combined(r1)

QTE-26 (rev 11) Logger Graphs Program

Unattended Noise Monitoring Results

99 Travers Street

Sunday, 26 June 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4 5}
L ₉₀	-	-	-
L _{Aeq}	-	-	-

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes:

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.

3. "Evening" is the period from 6pm till 10pm

6. Graphed data measured in free-field; tabulated results facade corrected

4. "Night" relates to the remaining periods

7. Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)

Descriptor	Day	Night ⁵
	7am-10pm	10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	-	-
L _{eq} 1hr upper 10 percentile	-	-
L _{eq} 1hr lower 10 percentile	-	-

2. "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days

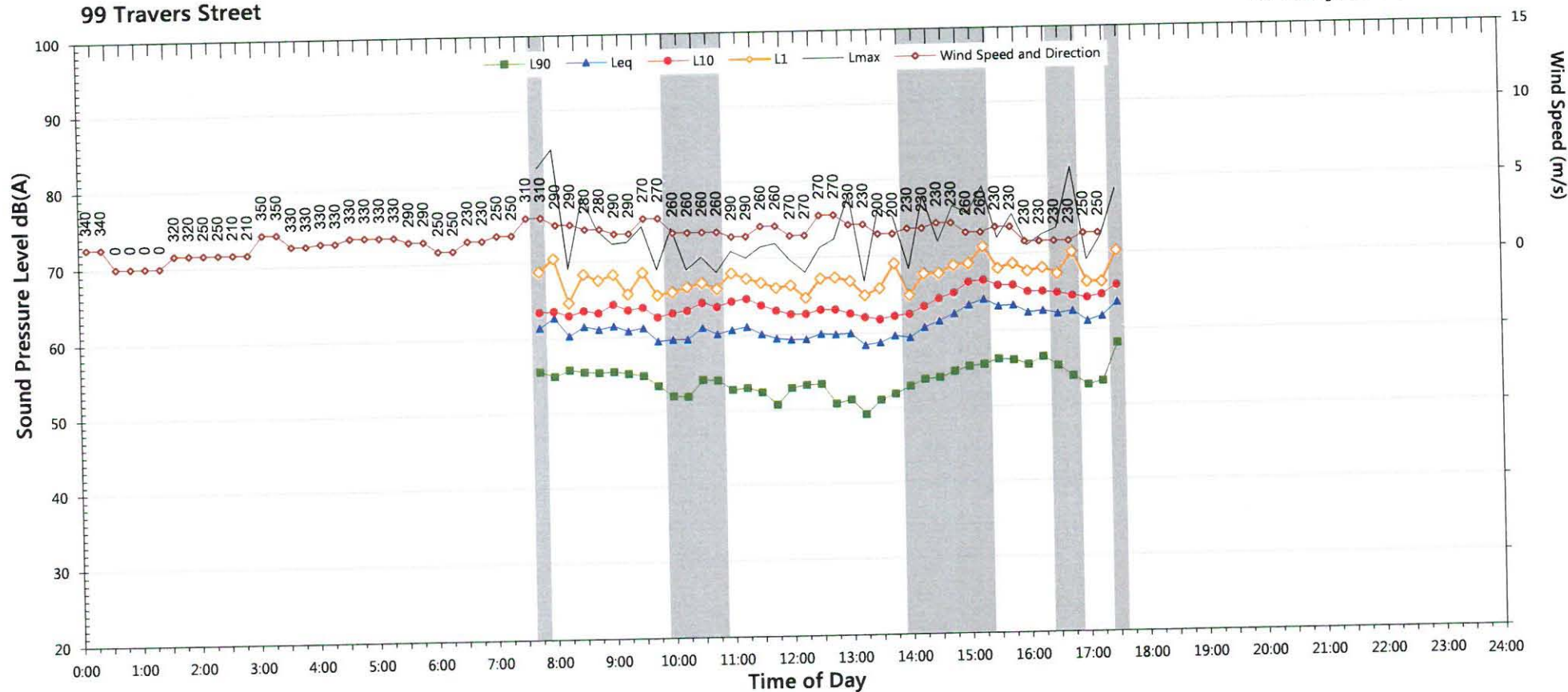
5. "Night" relates to period from 10pm on this graph to morning on the following graph.

Data File: Various

TH925 - M8B 99 Travers street combined(r1)

QTE-26 (rev 11) Logger Graphs Program

99 Travers Street

[illegible]

Descriptor	Day ²	Evening ³	Night ^{4 5}
L ₉₀	-	-	-
LAeq	-	-	-

Night Time Maximum Noise Levels			(see note 7)
L_{Max} (Range)	-	to	-
$L_{Max} - L_{eq}$ (Range)	-	to	-

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.

3. "Evening" is the period from 6pm till 10pm

6. Graphed data measured in free-field; tabulated results facade corrected

NSW Road Noise Policy (1m from facade)		(see note 6)
Descriptor	Day	Night ⁵
	7am-10pm	10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	-	-
L _{eq} 1hr upper 10 percentile	-	-
L _{eq} 1hr lower 10 percentile	-	-

2. "Day" is the period from 8am till 6pm on Sundays and 7am til 6pm on other days

5. "Night" relates to period from 10pm on this graph to morning on the following graph.

7. Night time L_{Max} values are shown only where $L_{Max} > 65\text{dB(A)}$ and where $L_{Max} - L_{eq} \geq 15\text{dB(A)}$

27 Martin Crescent, Milperra

Background & Ambient Noise Monitoring Results - NSW 'Industrial Noise Policy', 2000

Date	L _{A90} Background Noise Levels ⁴			L _{Aeq} Ambient Noise Levels		
	Day ¹	Evening ²	Night ³	Day ¹	Evening ²	Night ³
Friday-04-March-2016	-	40.3	38.6	-	49.9	43.3
Saturday-05-March-2016	37.4	39.6	37.0	51.4	52.1	44.0
Sunday-06-March-2016	37.9	39.5	37.9	51.3	46.5	44.6
Monday-07-March-2016	36.8	39.3	37.6	51.7	48.3	44.5
Tuesday-08-March-2016	39.5	40.1	37.7	51.4	46.5	45.2
Wednesday-09-March-2016	37.5	41.2	39.0	52.1	49.6	44.9
Thursday-10-March-2016	40.2	39.1	38.4	50.9	48.0	45.2
Friday-11-March-2016	37.5	40.0	38.5	52.1	47.9	43.7
Saturday-12-March-2016	35.6	38.9	-	50.7	45.0	-
Sunday-13-March-2016	-	-	-	-	-	-
Representative Weekday⁵	37.5	40.1	38.5	51.7	48.5	44.5
Representative Weekend⁵	37.4	39.5	37.5	51.1	49.0	44.3
Representative Week⁵	37.5	39.6	38.2	51.5	48.7	44.5

Notes:

1. Day is 8:00am to 6:00pm on Sunday and 7:00am to 6:00pm at other times

2. Evening is 6:00pm to 10:00pm

3. Night is the remaining periods

4. Assessment Background Level (ABL) for individual days

5. Rating Background Level (RBL) for L_{A90} and logarithmic average for L_{Aeq}

27 Martin Crescent, Milperra

Road / Rail Noise Monitoring Results (at one metre from façade)

Date	L _{Aeq} Noise Levels		L _{Aeq 1hr} Noise Levels			
	Day ¹	Night ²	Day - Up ⁴	Day - Low ⁵	Night - Up ⁴	Night - Low ⁵
Friday-04-March-2016	54.6	45.8	64.5	49.2	50.2	43.4
Saturday-05-March-2016	54.1	44.2	57.1	48.0	48.6	41.2
Sunday-06-March-2016	52.9	47.1	57.3	46.7	50.9	41.8
Monday-07-March-2016	53.5	47.0	57.3	49.2	52.9	42.5
Tuesday-08-March-2016	53.0	47.7	56.1	47.1	51.7	43.3
Wednesday-09-March-2016	54.1	47.4	56.4	51.0	49.7	44.0
Thursday-10-March-2016	52.8	47.7	55.0	47.9	53.2	42.7
Friday-11-March-2016	53.8	46.2	57.4	48.3	50.1	43.1
Saturday-12-March-2016	52.2	45.6	56.2	46.7	49.8	40.6
Sunday-13-March-2016	-	-	-	-	-	-
Representative Weekday³	53.7	47.0	59.3	49.0	51.5	43.2
Representative Weekend³	53.1	45.8	56.9	47.1	49.9	41.2
Representative Week³	53.5	46.6	58.6	48.4	51.0	42.6

Notes:

1. Day is 7:00am to 10:00pm

2. Night is 10:00pm to 7:00am

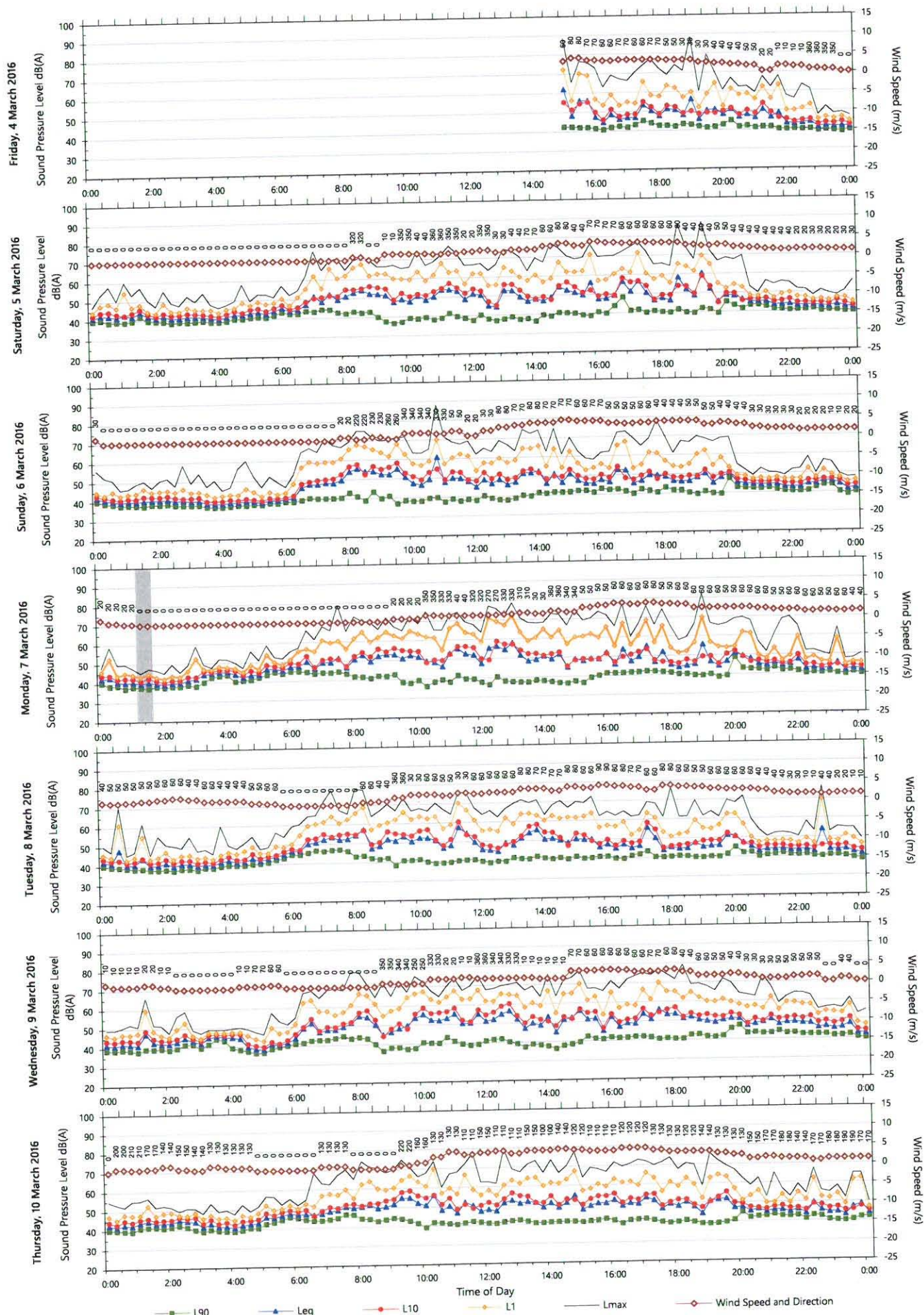
3. Logarithmic average of daily L_{Aeq}

4. Upper 10th percentile L_{Aeq 1hr}

5. Lower 10th percentile L_{Aeq 1hr}

Unattended Monitoring Results

Location: 27 Martin Crescent, Milperra

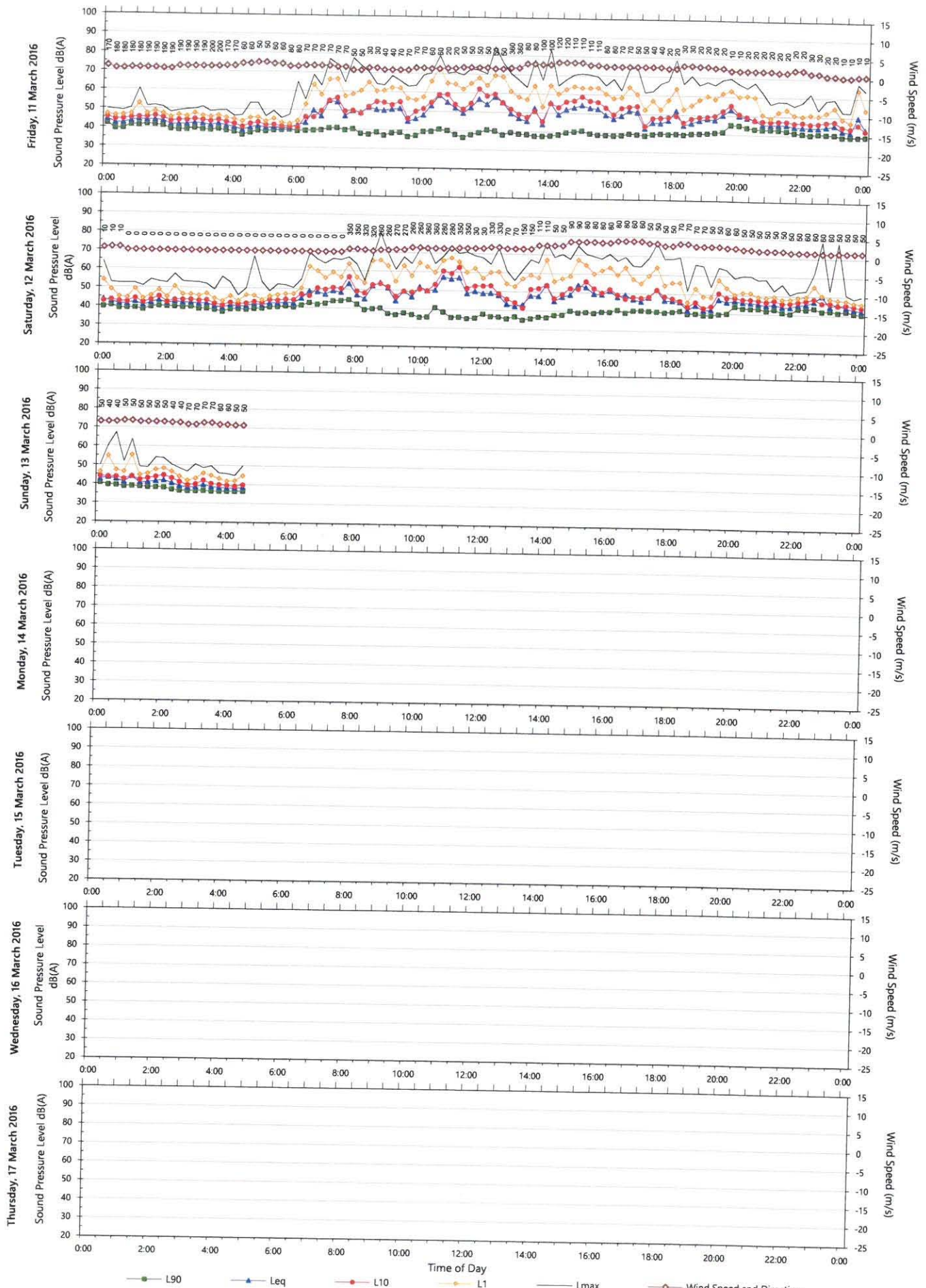


Data File: _123_Rpt_Report.txt

Template: QTE-26 (rev 5) Logger Graphs Program

Unattended Monitoring Results

Location: 27 Martin Crescent, Milperra



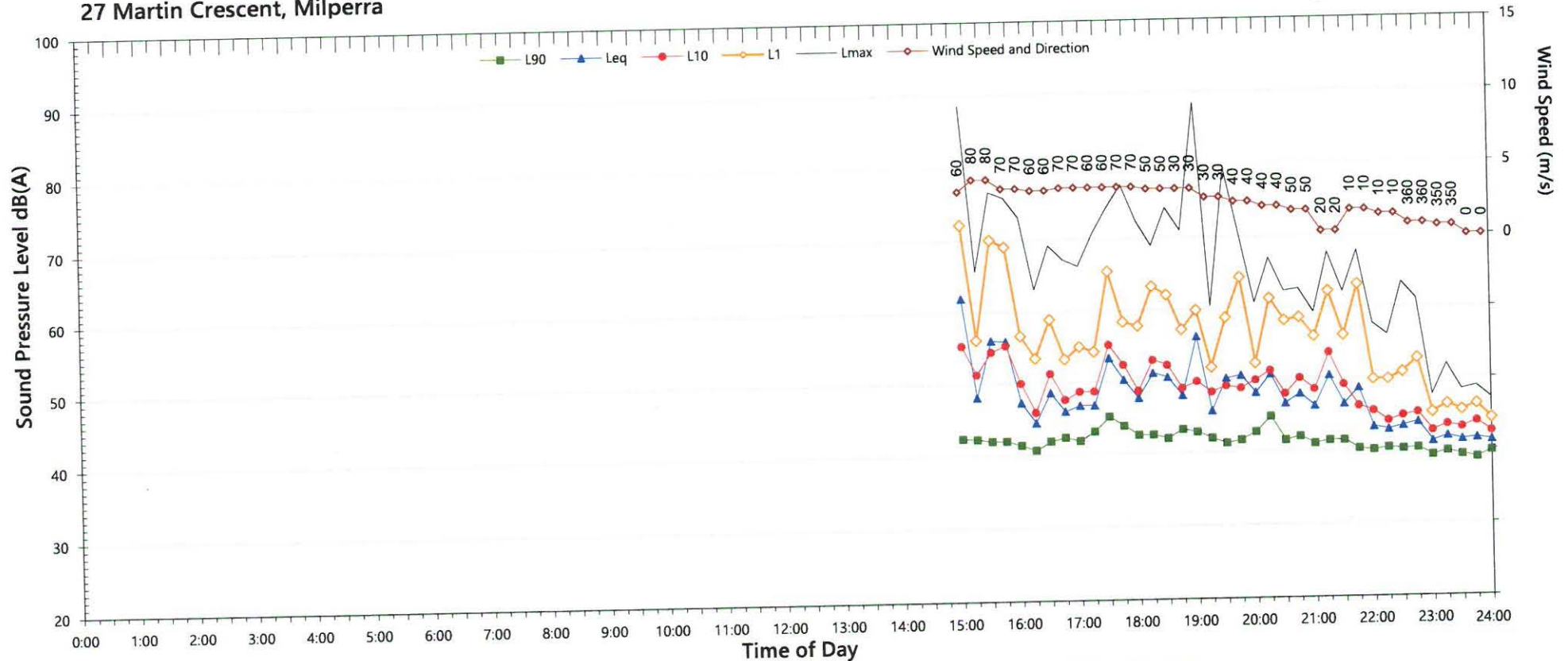
Data File: _123_Rpt_Report.txt

Template: QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

27 Martin Crescent, Milperra

Friday, 4 March 2016



NSW Industrial Noise Policy (Free Field)			
Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	-	40.3	38.6
L _{Aeq}	-	49.9	43.3

Night Time Maximum Noise Levels			(see note 7)
L _{Max} (Range)	75.0	to	75.0
L _{Max} - L _{eq} (Range)	16.1	to	27.3

NSW Road Noise Policy (1m from facade) (see note 6)		
Descriptor	Day	Night ⁵
	7am-10pm	10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	54.6	45.8
L _{eq} 1hr upper 10 percentile	64.5	50.2
L _{eq} 1hr lower 10 percentile	49.2	43.4

Notes:

- Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.
- "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days
- "Evening" is the period from 6pm till 10pm
- "Night" relates to the remaining periods
- "Night" relates to period from 10pm on this graph to morning on the following graph.
- Graphed data measured in free-field; tabulated results facade corrected
- Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

Data File: _123_Rpt_Report.txt

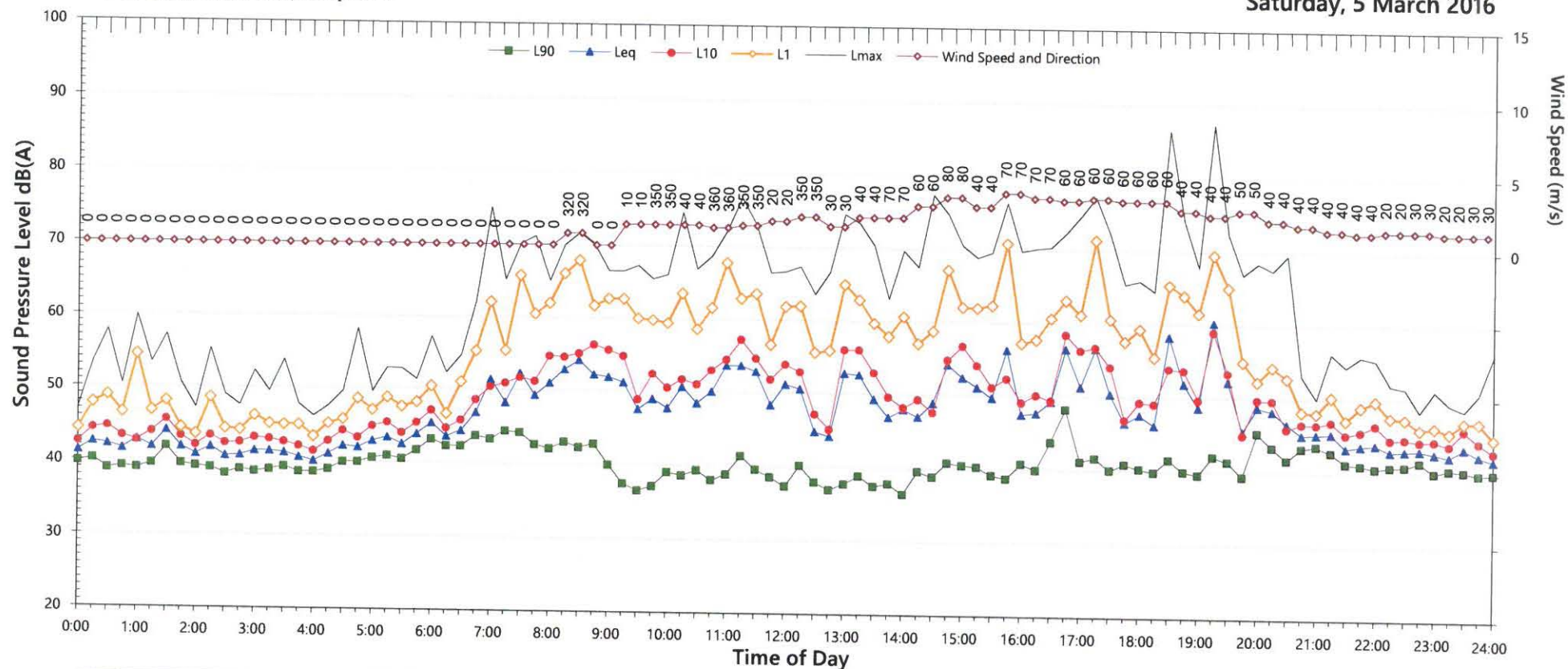
TH925- 27 Martin Crescent Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

27 Martin Crescent, Milperra

Saturday, 5 March 2016



NSW Industrial Noise Policy (Free Field)			
Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	37.4	39.6	37.0
L _{Aeq}	51.4	52.1	44.0

Night Time Maximum Noise Levels		(see note 7)	
L _{Max} (Range)	66.6	to	66.6
L _{Max} - L _{eq} (Range)	15.3	to	21.4

Notes:

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.

3. "Evening" is the period from 6pm till 10pm

6. Graphed data measured in free-field; tabulated results facade corrected

4. "Night" relates to the remaining periods

7. Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)		
Descriptor	Day	Night ⁵
	7am-10pm	10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	54.1	44.2
L _{eq} 1hr upper 10 percentile	57.1	48.6
L _{eq} 1hr lower 10 percentile	48.0	41.2

2. "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days

5. "Night" relates to period from 10pm on this graph to morning on the following graph.

Data File: _123_Rpt_Report.txt

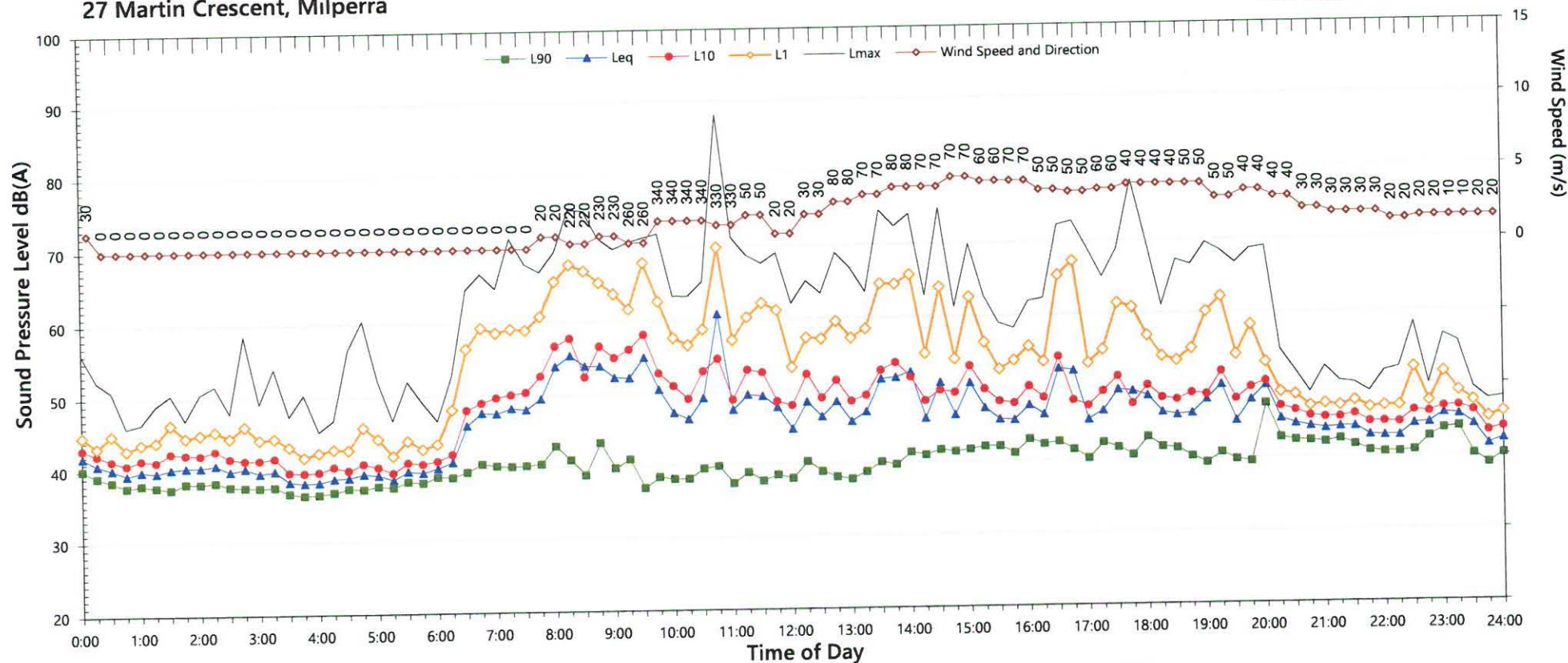
TH925- 27 Martin Crescent Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

27 Martin Crescent, Milperra

Sunday, 6 March 2016



NSW Industrial Noise Policy (Free Field)			
Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	37.9	39.5	37.9
L _{Aeq}	51.3	46.5	44.6

Night Time Maximum Noise Levels		(see note 7)	
L _{Max} (Range)	68.1	to	68.1
L _{Max} - L _{eq} (Range)	17.6	to	19.7

Notes

- Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.
- "Evening" is the period from 6pm till 10pm
- Graphed data measured in free-field; tabulated results facade corrected

NSW Road Noise Policy (1m from facade) (see note 6)		
Descriptor	Day	Night ⁵
	7am-10pm	10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	52.9	47.1
L _{eq} 1hr upper 10 percentile	57.3	50.9
L _{eq} 1hr lower 10 percentile	46.7	41.8

- "Night" relates to the remaining periods
- "Night" relates to period from 10pm on this graph to morning on the following graph.
- Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

Data File: _123_Rpt_Report.txt

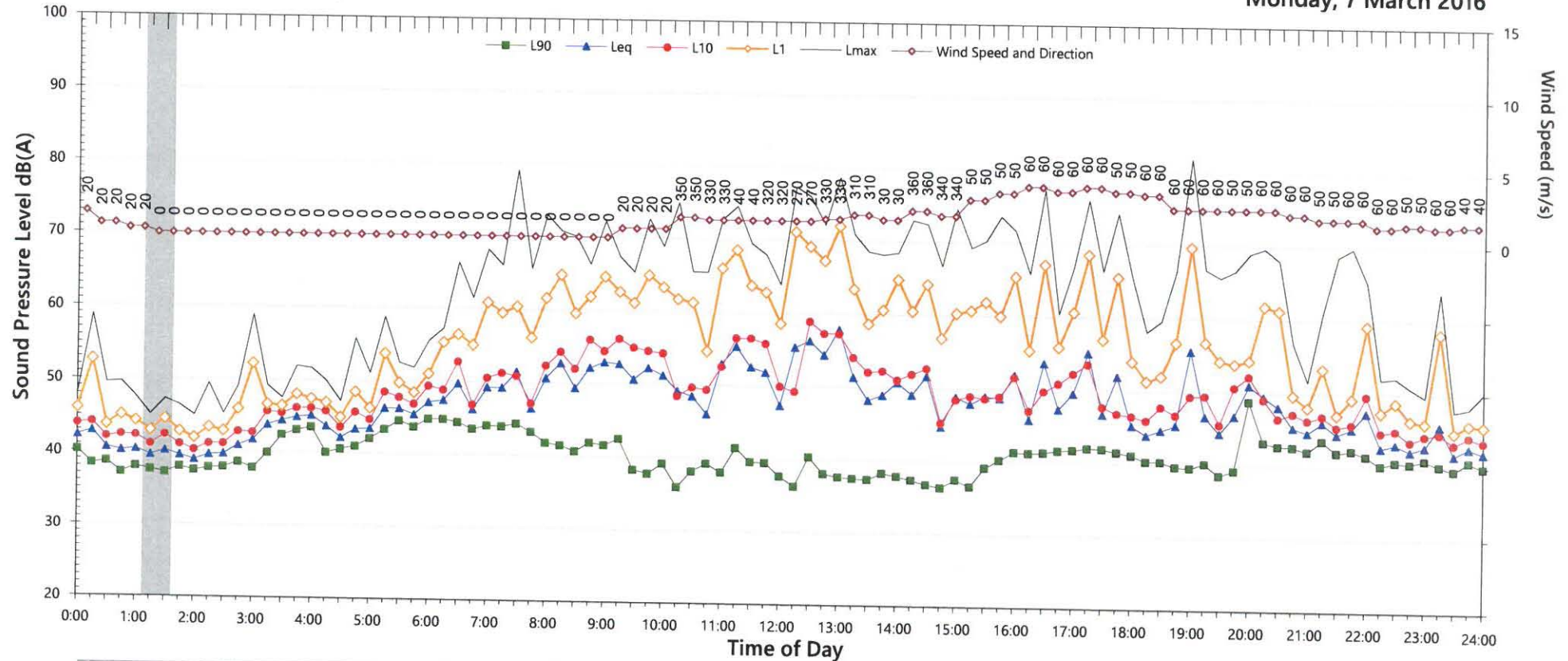
TH925- 27 Martin Crescent Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

27 Martin Crescent, Milperra

Monday, 7 March 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	36.8	39.3	37.6
L _{Aeq}	51.7	48.3	44.5

Night Time Maximum Noise Levels (see note 7)

L _{Max} (Range)	70.4	to	72.1
L _{Max} - L _{eq} (Range)	19.2	to	26.6

Notes:

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.

3. "Evening" is the period from 6pm till 10pm

6. Graphed data measured in free-field; tabulated results facade corrected

4. "Night" relates to the remaining periods

7. Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)

Descriptor	Day 7am-10pm	Night ⁵ 10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	53.5	47.0
L _{eq} 1hr upper 10 percentile	57.3	52.9
L _{eq} 1hr lower 10 percentile	49.2	42.5

2. "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days

5. "Night" relates to period from 10pm on this graph to morning on the following graph.

Data File: _123_Rpt_Report.txt

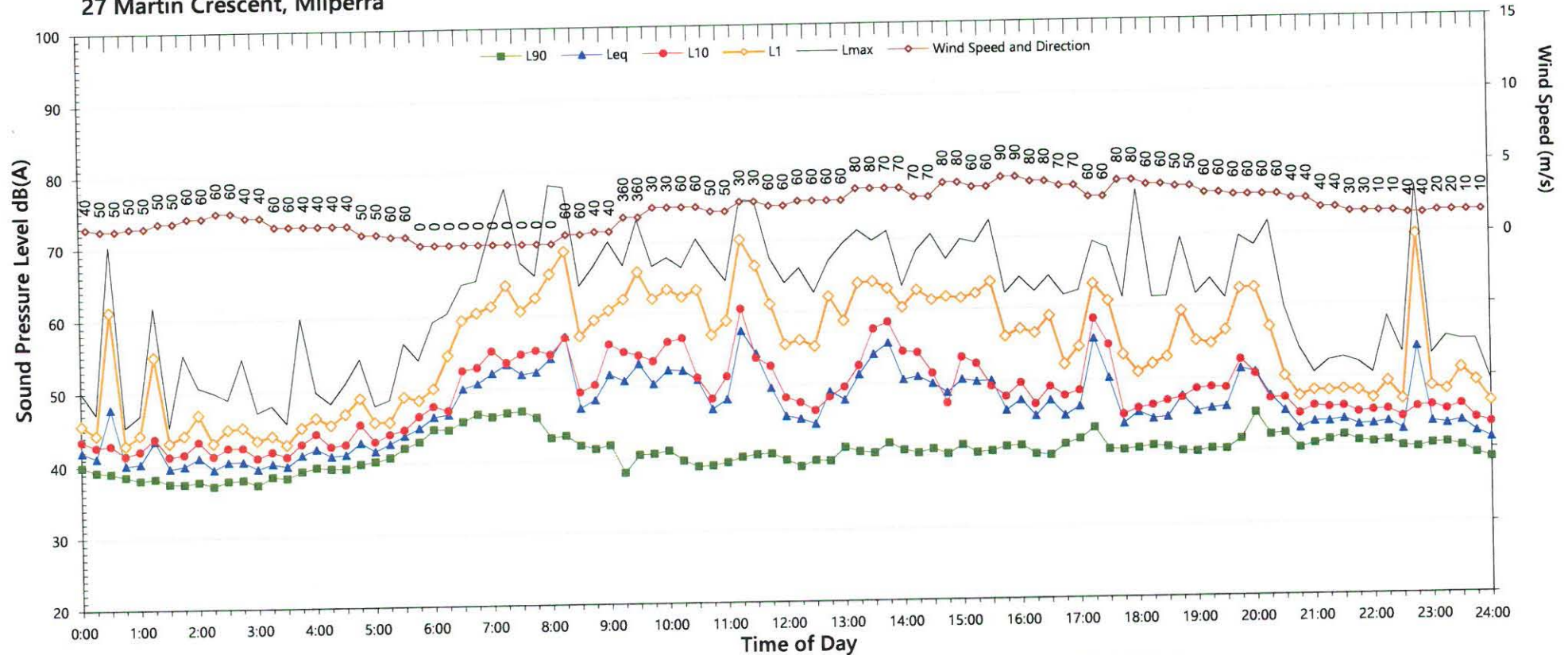
TH925- 27 Martin Crescent Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

27 Martin Crescent, Milperra

Tuesday, 8 March 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	39.5	40.1	37.7
L _{Aeq}	51.4	46.5	45.2

Night Time Maximum Noise Levels

(see note 7)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L _{Max} (Range)	65.9	to	76.4
L _{Max} - L _{eq} (Range)	15.5	to	27.4

Notes

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.
2. "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days
3. "Evening" is the period from 6pm till 10pm
4. "Night" relates to the remaining periods
5. "Night" relates to period from 10pm on this graph to morning on the following graph.
6. Graphed data measured in free-field; tabulated results facade corrected
7. Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)

Descriptor	Day 7am-10pm	Night ⁵ 10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	53.0	47.7
L _{eq} 1hr upper 10 percentile	56.1	51.7
L _{eq} 1hr lower 10 percentile	47.1	43.3

Data File: _123_Rpt_Report.txt

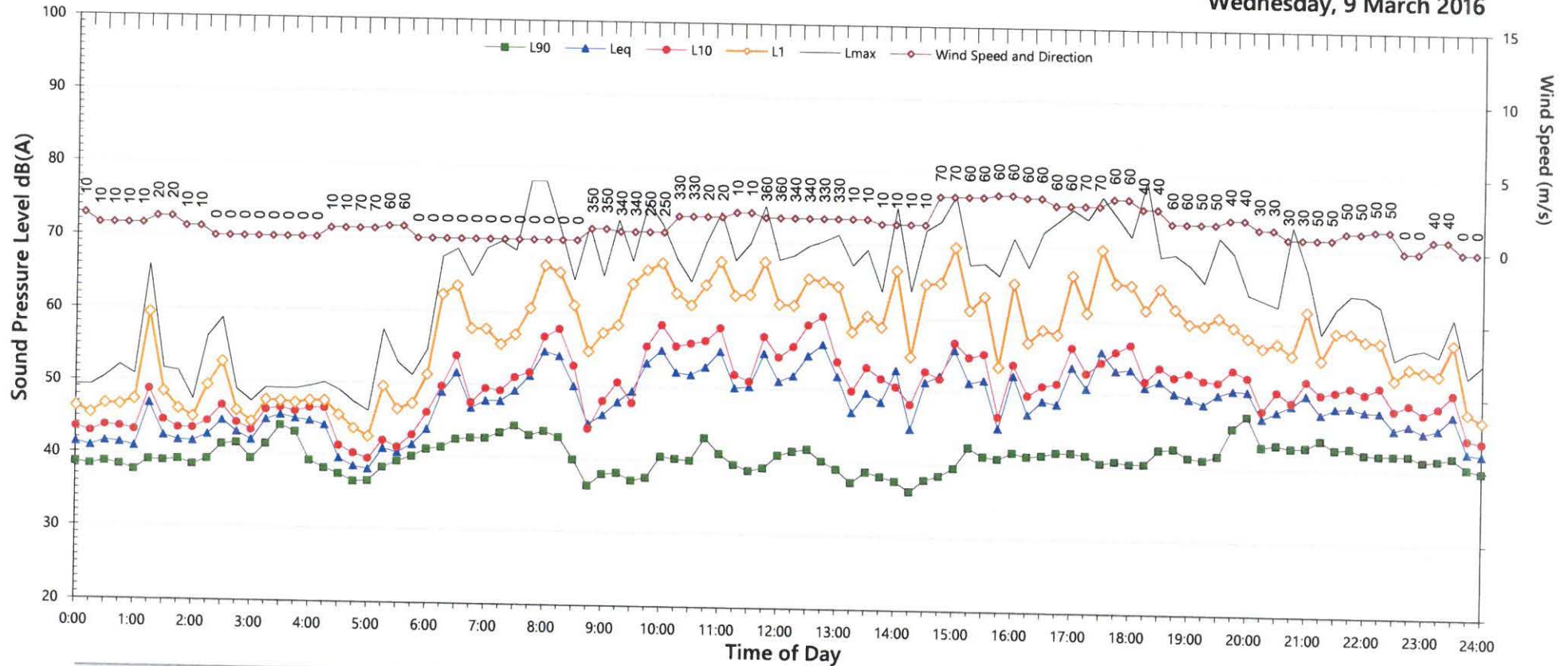
TH925- 27 Martin Crescent Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

27 Martin Crescent, Milperra

Wednesday, 9 March 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	37.5	41.2	39.0
L _{Aeq}	52.1	49.6	44.9

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	68.6	to	68.6
L _{Max} - L _{eq} (Range)	15.9	to	21.4

Notes:

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.

3. "Evening" is the period from 6pm till 10pm.

6. Graphed data measured in free-field; tabulated results facade corrected

4. "Night" relates to the remaining periods

7. Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade)

(see note 6)

Descriptor	Day	Night ⁵
	7am-10pm	10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	54.1	47.4
L _{eq} 1hr upper 10 percentile	56.4	49.7
L _{eq} 1hr lower 10 percentile	51.0	44.0

Data File: _123_Rpt_Report.txt

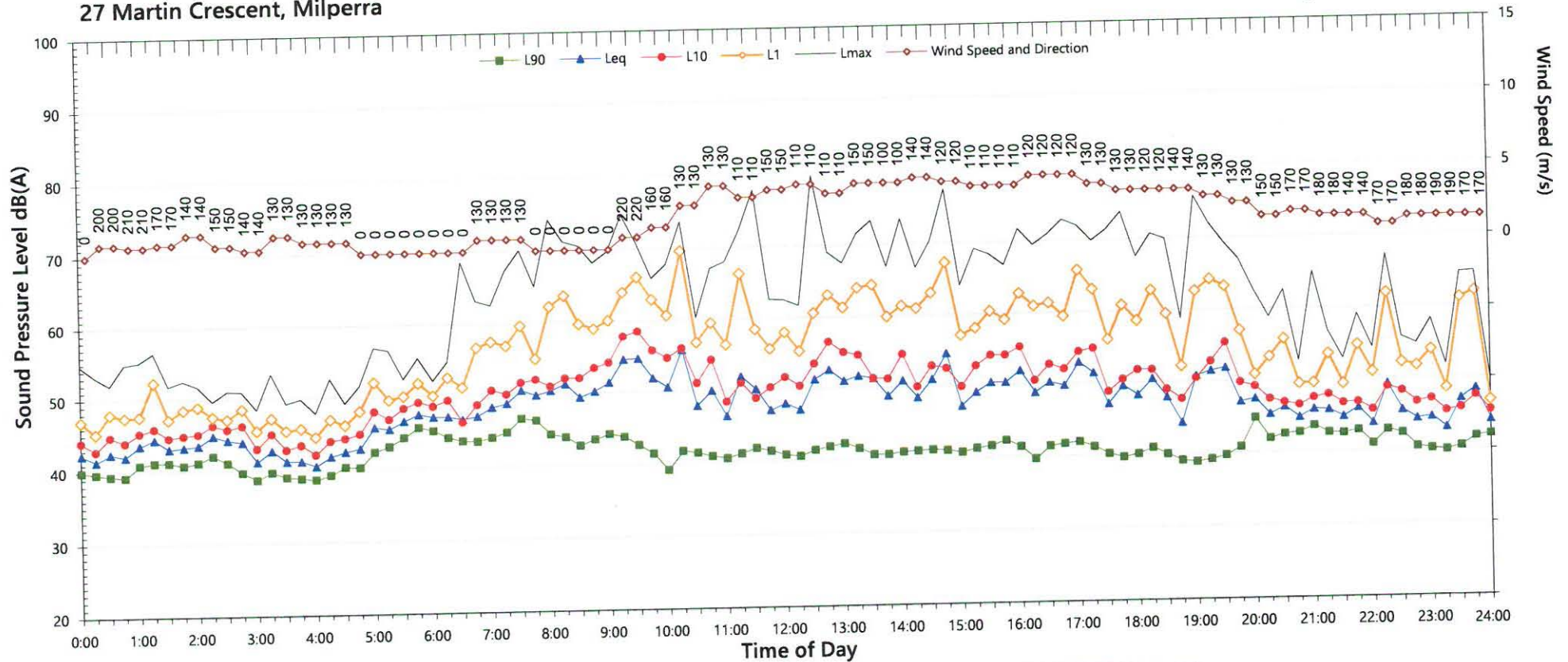
TH925- 27 Martin Crescent Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

27 Martin Crescent, Milperra

Thursday, 10 March 2016



NSW Industrial Noise Policy (Free Field)			
Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	40.2	39.1	38.4
L _{Aeq}	50.9	48.0	45.2

Night Time Maximum Noise Levels		(see note 7)	
L _{Max} (Range)	67.3	to	77.1
L _{Max} - L _{eq} (Range)	17.6	to	26.4

Notes:

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.
2. "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days
3. "Evening" is the period from 6pm till 10pm
4. "Night" relates to the remaining periods
5. "Night" relates to period from 10pm on this graph to morning on the following graph.
6. Graphed data measured in free-field; tabulated results facade corrected
7. Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)		
Descriptor	Day	Night ⁵
	7am-10pm	10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	52.8	47.7
L _{eq} 1hr upper 10 percentile	55.0	53.2
L _{eq} 1hr lower 10 percentile	47.9	42.7

Data File: _123_Rpt_Report.txt

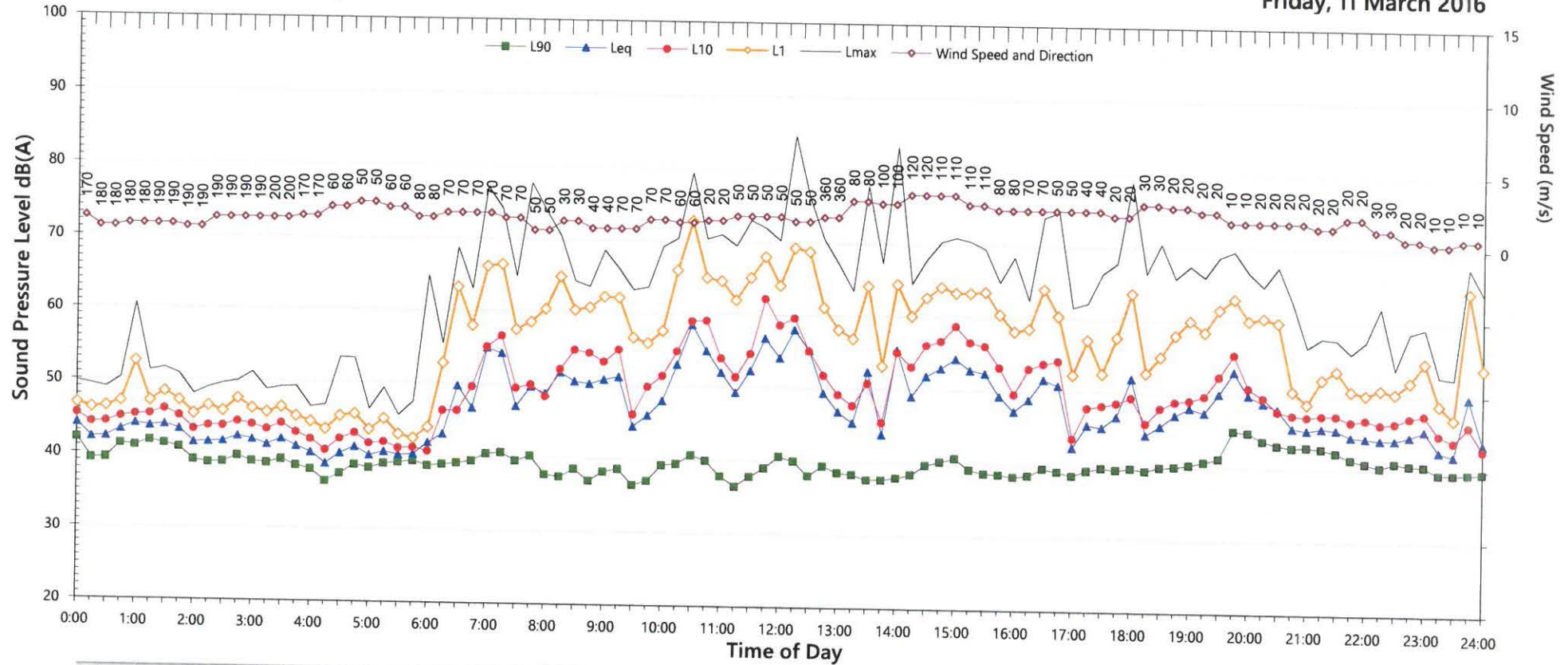
TH925- 27 Martin Crescent Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

27 Martin Crescent, Milperra

Friday, 11 March 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	37.5	40.0	38.5
L _{Aeq}	52.1	47.9	43.7

Night Time Maximum Noise Levels

		(see note 7)
L _{Max} (Range)	67.2	to 69.5
L _{Max} - L _{eq} (Range)	15.4	to 26.4

Notes

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.

3. "Evening" is the period from 6pm till 10pm

6. Graphed data measured in free-field; tabulated results facade corrected

4. "Night" relates to the remaining periods

7. Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade)

(see note 6)

Descriptor	Day 7am-10pm	Night ⁵ 10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	53.8	46.2
L _{eq} 1hr upper 10 percentile	57.4	50.1
L _{eq} 1hr lower 10 percentile	48.3	43.1

2. "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days

5. "Night" relates to period from 10pm on this graph to morning on the following graph.

Data File: _123_Rpt_Report.txt

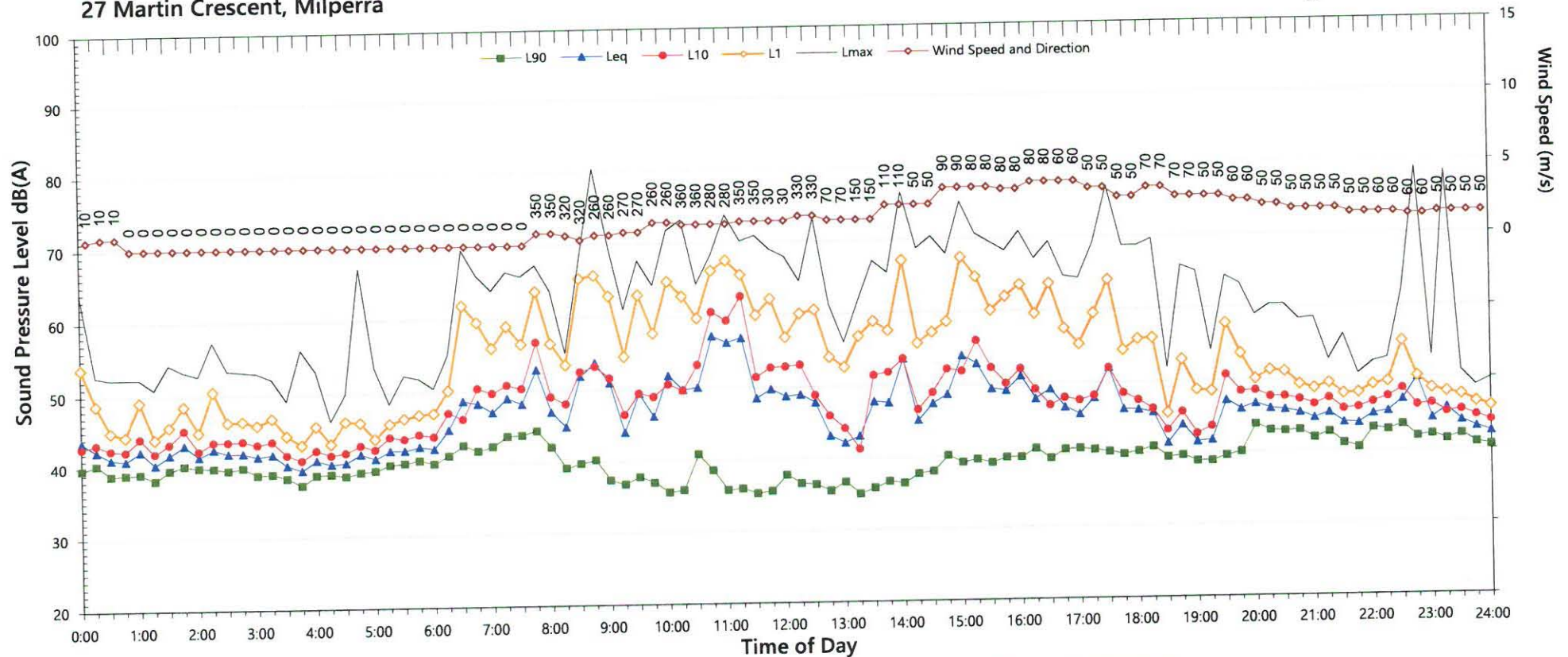
TH925- 27 Martin Crescent Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

27 Martin Crescent, Milperra

Saturday, 12 March 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	35.6	38.9	-
L _{Aeq}	50.7	45.0	-

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	67.2	to	78.9
L _{Max} - L _{eq} (Range)	24.4	to	34.3

Notes:

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.
2. "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days
3. "Evening" is the period from 6pm till 10pm
4. "Night" relates to the remaining periods
5. "Night" relates to period from 10pm on this graph to morning on the following graph.
6. Graphed data measured in free-field; tabulated results facade corrected
7. Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)

Descriptor	Day 7am-10pm	Night ⁵ 10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	52.2	45.6
L _{eq} 1hr upper 10 percentile	56.2	49.8
L _{eq} 1hr lower 10 percentile	46.7	40.6

Data File: _123_Rpt_Report.txt

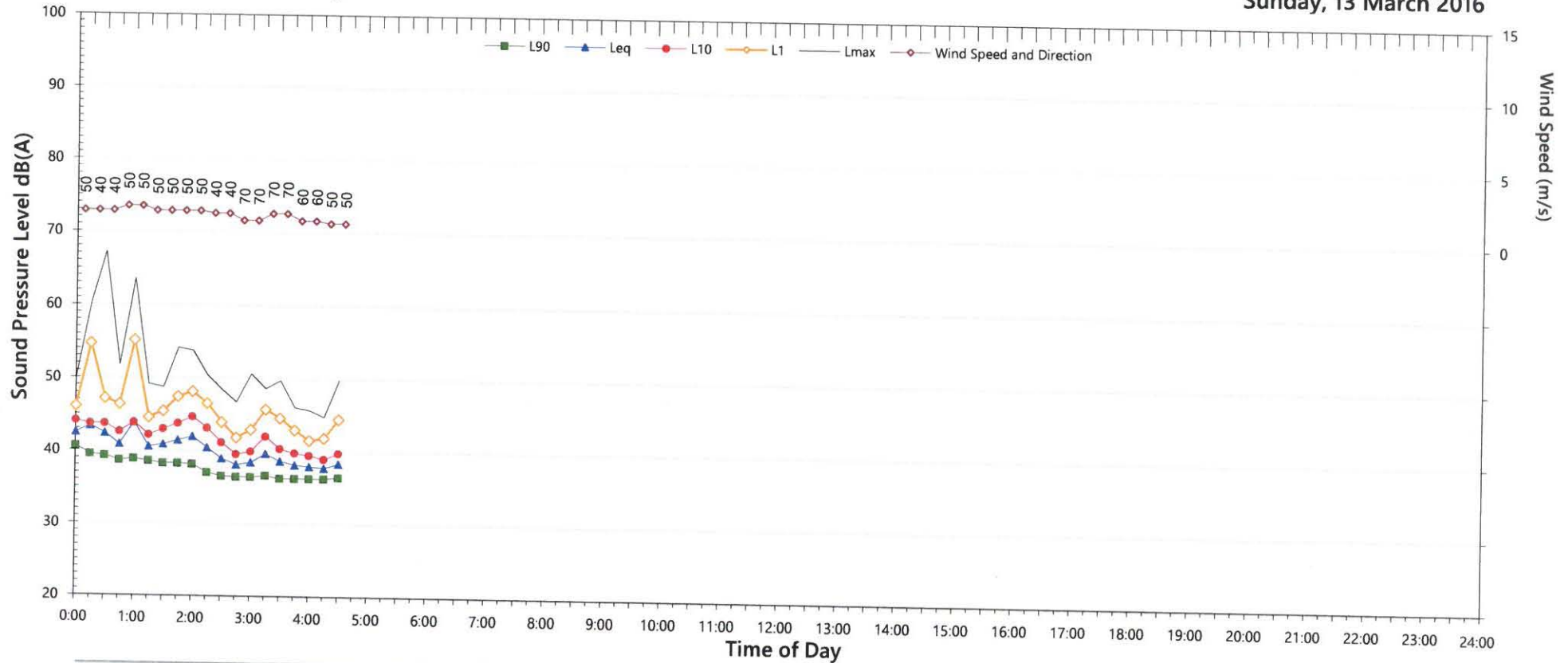
TH925- 27 Martin Crescent Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

27 Martin Crescent, Milperra

Sunday, 13 March 2016



NSW Industrial Noise Policy (Free Field)			
Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	-	-	-
L _{Aeq}	-	-	-
Night Time Maximum Noise Levels			(see note 7)
L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes:

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.

3. "Evening" is the period from 6pm till 10pm

6. Graphed data measured in free-field; tabulated results facade corrected

4. "Night" relates to the remaining periods

7. Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)		
Descriptor	Day	Night ⁵
	7am-10pm	10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	-	-
L _{eq} 1hr upper 10 percentile	-	-
L _{eq} 1hr lower 10 percentile	-	-

2. "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days

5. "Night" relates to period from 10pm on this graph to morning on the following graph

Data File: _123_Rpt_Report.txt

TH925- 27 Martin Crescent Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

16 Cotter Lane

Background & Ambient Noise Monitoring Results - NSW 'Industrial Noise Policy', 2000

Date	L _{A90} Background Noise Levels ⁴			L _{Aeq} Ambient Noise Levels		
	Day ¹	Evening ²	Night ³	Day ¹	Evening ²	Night ³
Tuesday-21-June-2016	44.7	-	-	58.7	-	-
Wednesday-22-June-2016	43.7	-	-	58.6	-	-
Thursday-23-June-2016	40.8	-	-	59.4	-	-
Friday-24-June-2016	-	-	-	-	-	-
Saturday-25-June-2016	46.4	-	-	58.4	-	-
Sunday-26-June-2016	-	-	-	-	-	-
Monday-27-June-2016	44.4	-	-	61.3	-	-
Tuesday-28-June-2016	47.7	-	-	59.1	-	-
Wednesday-29-June-2016	40.6	-	-	58.5	-	-
Thursday-30-June-2016	41.1	-	-	58.5	-	-
Friday-01-July-2016	45.0	-	-	59.3	-	-
Representative Weekday⁵	44.1	-	-	59.3	-	-
Representative Weekend⁶	46.4	-	-	58.4	-	-
Representative Week⁵	44.4	-	-	59.2	-	-

Notes:

1. Day is 8:00am to 6:00pm on Sunday and 7:00am to 6:00pm at other times

2. Evening is 6:00pm to 10:00pm

3. Night is the remaining periods

4. Assessment Background Level (ABL) for individual days

5. Rating Background Level (RBL) for L_{A90} and logarithmic average for L_{Aeq}

16 Cotter Lane

Road / Rail Noise Monitoring Results (at one metre from façade)

Date	L _{Aeq} Noise Levels		L _{Aeq 1hr} Noise Levels			
	Day ¹	Night ²	Day - Up ⁴	Day - Low ⁵	Night - Up ⁴	Night - Low ⁵
Tuesday-21-June-2016	61.2	-	63.0	59.2	-	-
Wednesday-22-June-2016	61.1	-	62.7	58.6	-	-
Thursday-23-June-2016	61.8	-	64.0	59.6	-	-
Friday-24-June-2016	-	-	-	-	-	-
Saturday-25-June-2016	60.9	-	62.4	59.1	-	-
Sunday-26-June-2016	-	-	-	-	-	-
Monday-27-June-2016	63.8	-	65.9	61.3	-	-
Tuesday-28-June-2016	61.6	-	62.9	59.6	-	-
Wednesday-29-June-2016	61.0	-	62.8	59.2	-	-
Thursday-30-June-2016	61.0	-	63.1	59.0	-	-
Friday-01-July-2016	61.8	-	63.2	60.1	-	-
Representative Weekday³	61.8	-	63.6	59.6	-	-
Representative Weekend³	60.9	-	62.4	59.1	-	-
Representative Week³	61.7	-	63.5	59.6	-	-

Notes:

1. Day is 7:00am to 10:00pm

2. Night is 10:00pm to 7:00am

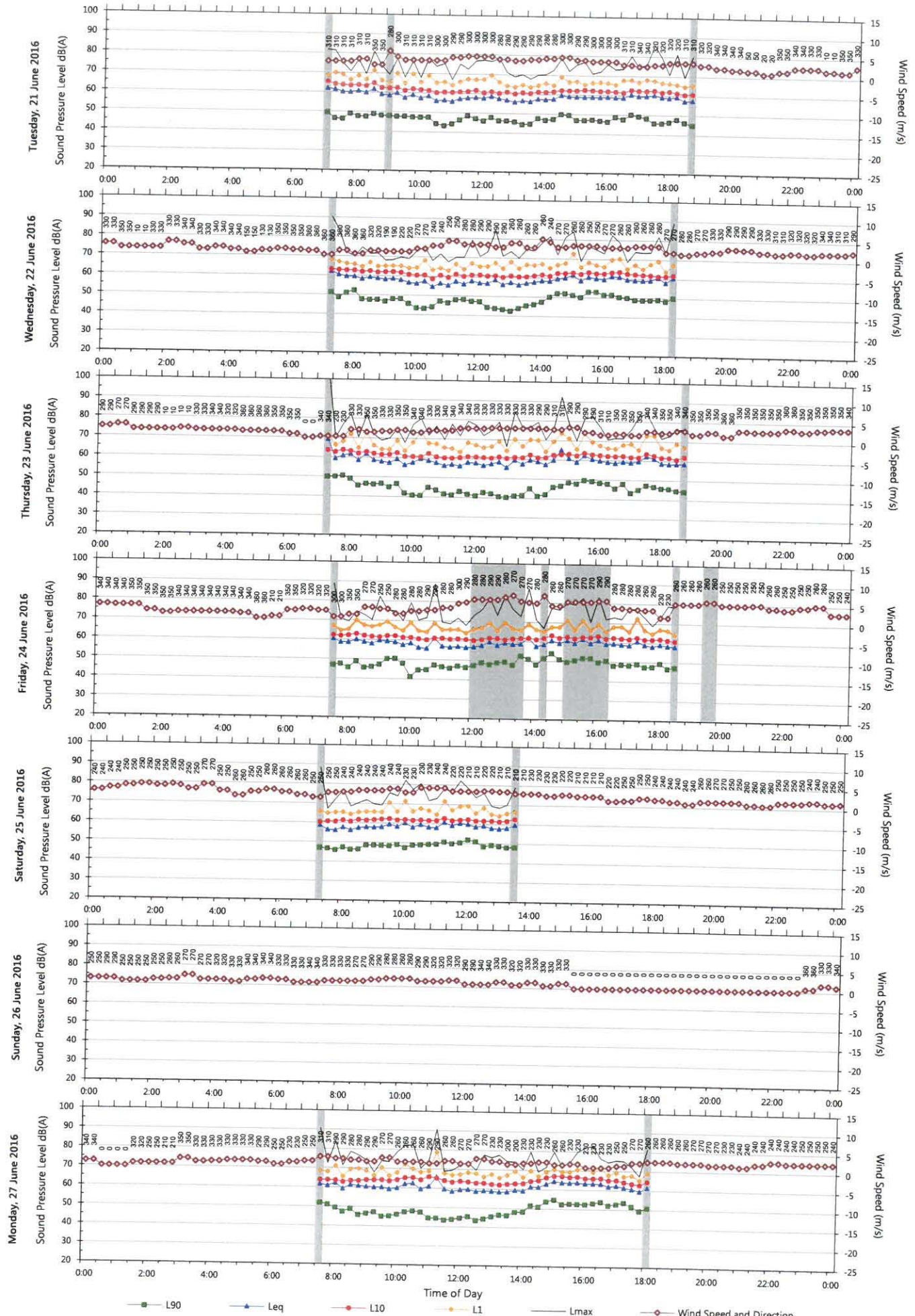
3. Logarithmic average of daily L_{Aeq}

4. Upper 10th percentile L_{Aeq 1hr}

5. Lower 10th percentile L_{Aeq 1hr}

Unattended Monitoring Results

Location: 16 Cotter Lane

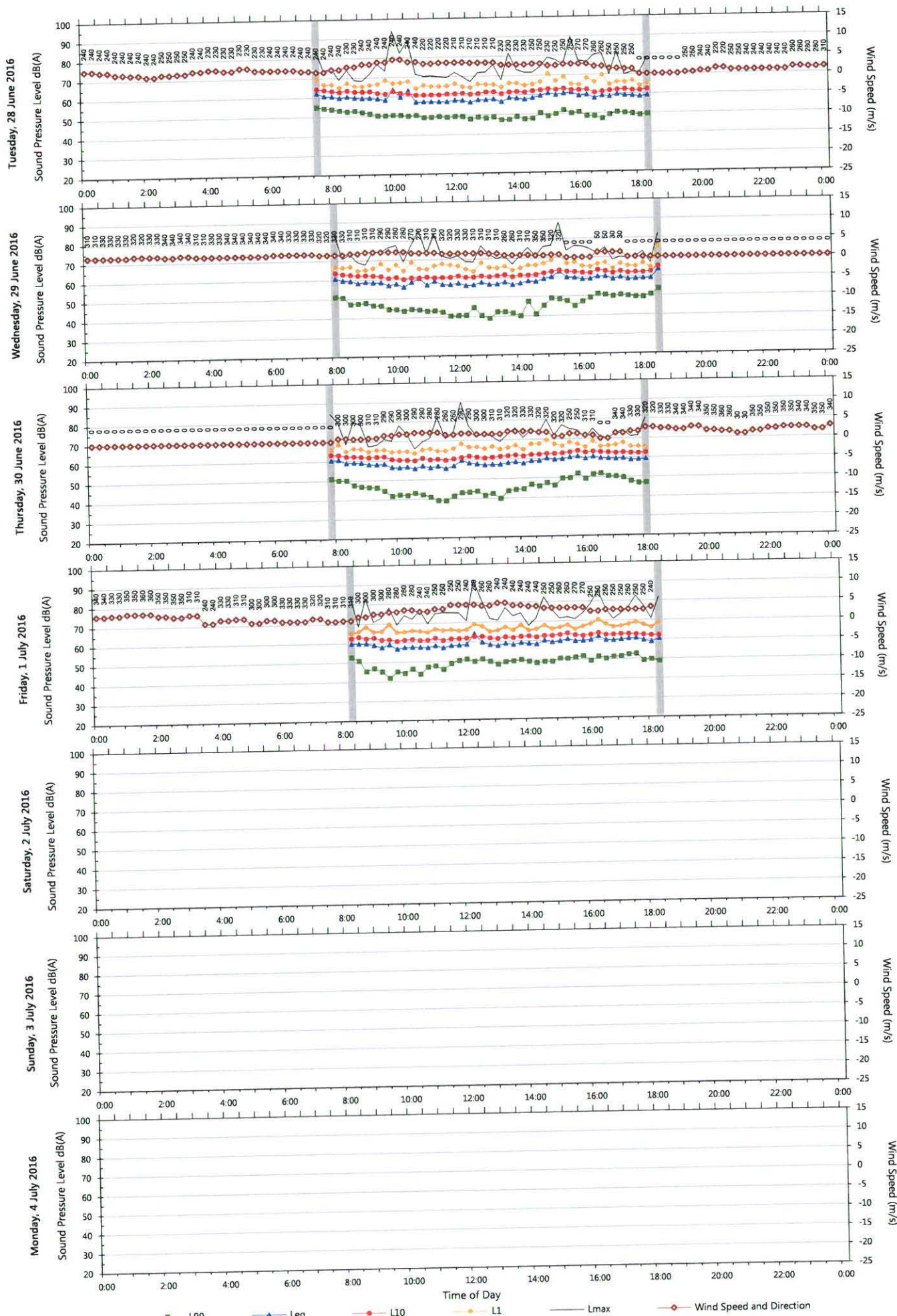


Data File: Various

Template: QTE-26 (rev 11) Logger Graphs Program

Unattended Monitoring Results

Location: 16 Cotter Lane



Data File: Various

Template: QTE-26 (rev 11) Logger Graphs Program

16 Cotter Lane

Sound Pressure Level (dB(A)) vs Time of Day

Legend: L90 (green squares), Leq (blue triangles), L10 (red circles), L1 (orange diamonds), Lmax (grey line), Wind Speed and Direction (grey line with diamonds).

Approximate Data Trends:

- L90:** Relatively stable, ranging from approximately 42 to 48 dB(A).
- Leq:** Fluctuates between 54 and 61 dB(A).
- L10:** Fluctuates between 58 and 64 dB(A).
- L1:** Fluctuates between 62 and 70 dB(A).
- Lmax:** Shows significant peaks, reaching up to 84 dB(A) around 17:00.
- Wind Speed:** Starts at 5 m/s, peaks at 7 m/s around 09:00, and then generally decreases to 2 m/s by 21:00.

Wind Speed (m/s) Data Labels (Hourly):

Time	Wind Speed (m/s)
07:00	310
08:00	310
09:00	310
10:00	310
11:00	310
12:00	310
13:00	310
14:00	310
15:00	310
16:00	310
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19:00	310
20:00	310
21:00	310
22:00	310
23:00	310
24:00	310

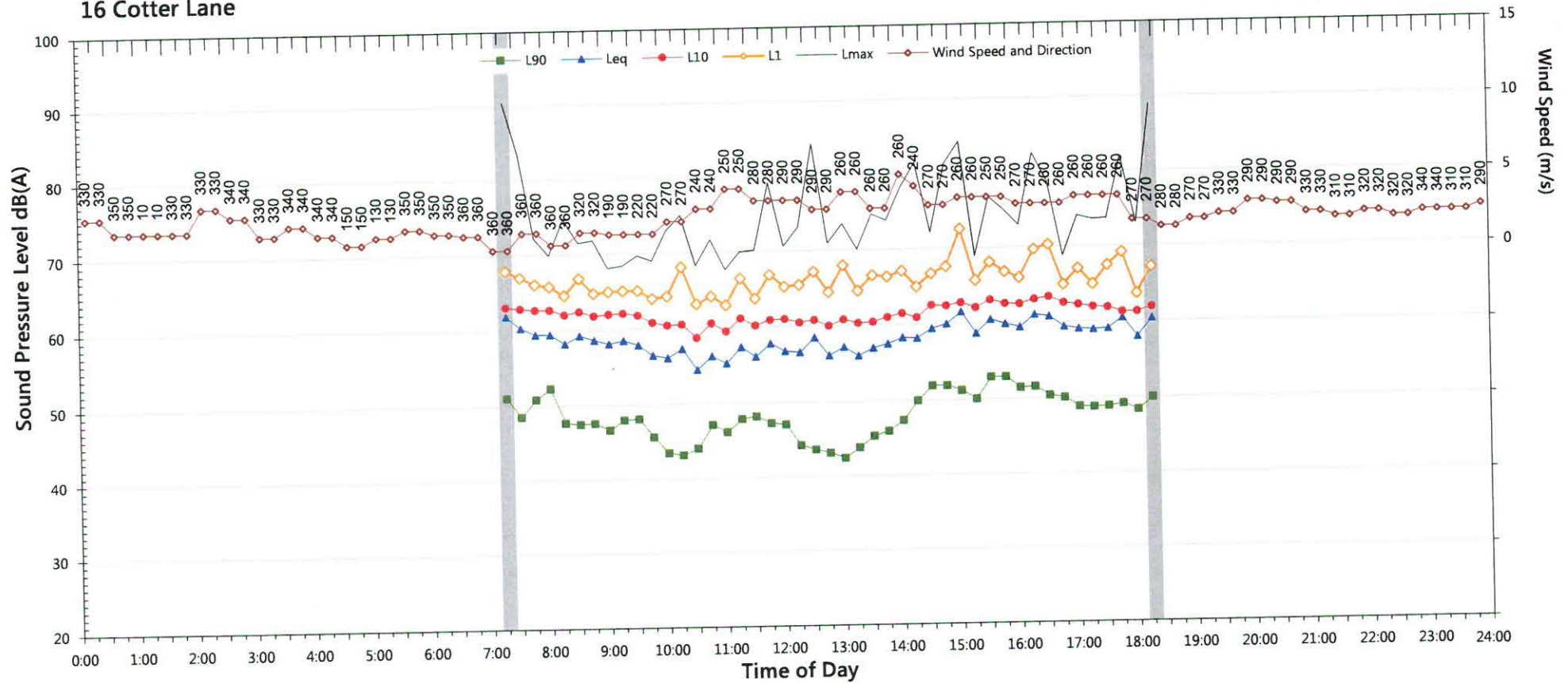
Night Time Maximum Noise Levels		(see note 7)
L _{Max} (Range)	- to -	-
L _{Max} - L _{eq} (Range)	- to -	-

5. "Night" relates to period from 10pm on this graph to morning on the following graph

Unattended Noise Monitoring Results

16 Cotter Lane

Wednesday, 22 June 2016



NSW Industrial Noise Policy (Free Field)			
Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	43.7	-	-
L _{Aeq}	58.6	-	-

Night Time Maximum Noise Levels (see note 7)			
L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes:

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.
2. "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days
3. "Evening" is the period from 6pm till 10pm
4. "Night" relates to the remaining periods
5. "Night" relates to period from 10pm on this graph to morning on the following graph.
6. Graphed data measured in free-field; tabulated results facade corrected
7. Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)		
Descriptor	Day	Night ⁵
	7am-10pm	10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	61.1	-
L _{eq} 1hr upper 10 percentile	62.7	-
L _{eq} 1hr lower 10 percentile	58.6	-

Data File: Various

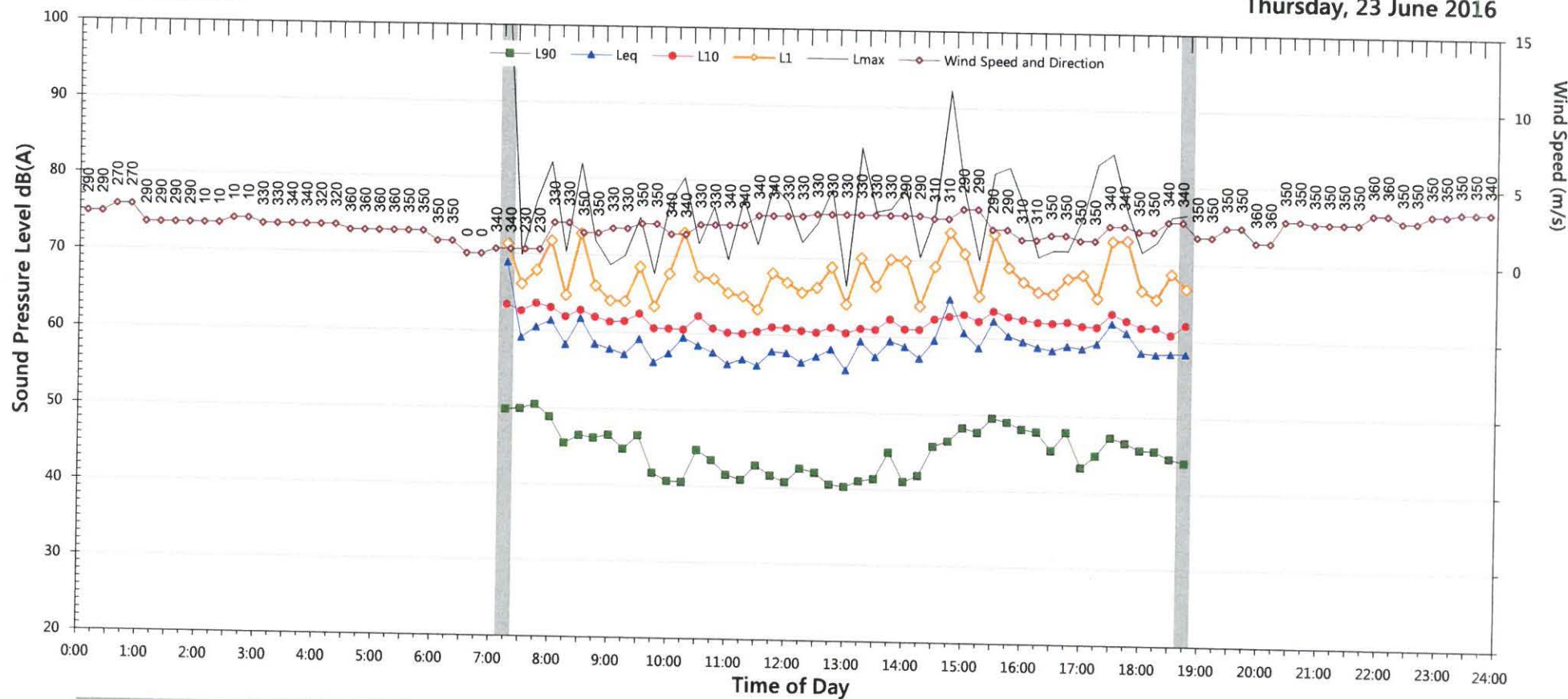
TH925 - M10 16 Cotter Lane combined (r1)

QTE-26 (rev 11) Logger Graphs Program

Unattended Noise Monitoring Results

16 Cotter Lane

Thursday, 23 June 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	40.8	-	-
L _{Aeq}	59.4	-	-

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes:

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.

3. "Evening" is the period from 6pm till 10pm

6. Graphed data measured in free-field; tabulated results facade corrected

4. "Night" relates to the remaining periods

7. Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)

Descriptor	Day 7am-10pm	Night ⁵ 10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	61.8	-
L _{eq} 1hr upper 10 percentile	64.0	-
L _{eq} 1hr lower 10 percentile	59.6	-

Data File: Various

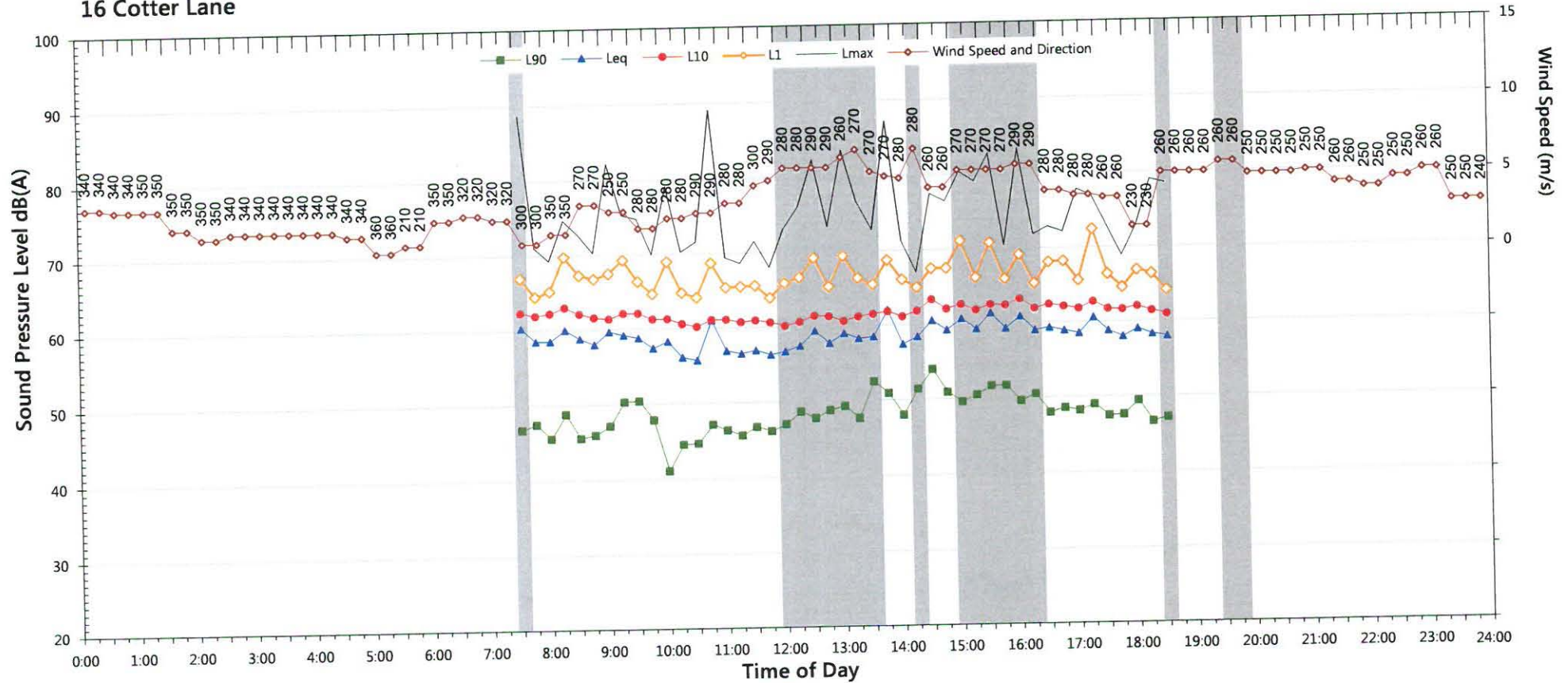
TH925 - M10 16 Cotter Lane combined (r1)

QTE-26 (rev 11) Logger Graphs Program

Unattended Noise Monitoring Results

16 Cotter Lane

Friday, 24 June 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	-	-	-
L _{Aeq}	-	-	-

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes:

- Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.
- "Evening" is the period from 6pm till 10pm
- Graphed data measured in free-field; tabulated results facade corrected
- "Night" relates to the remaining periods
- Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)

Descriptor	Day	Night ⁵
	7am-10pm	10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	-	-
L _{eq} 1hr upper 10 percentile	-	-
L _{eq} 1hr lower 10 percentile	-	-

Data File: Various

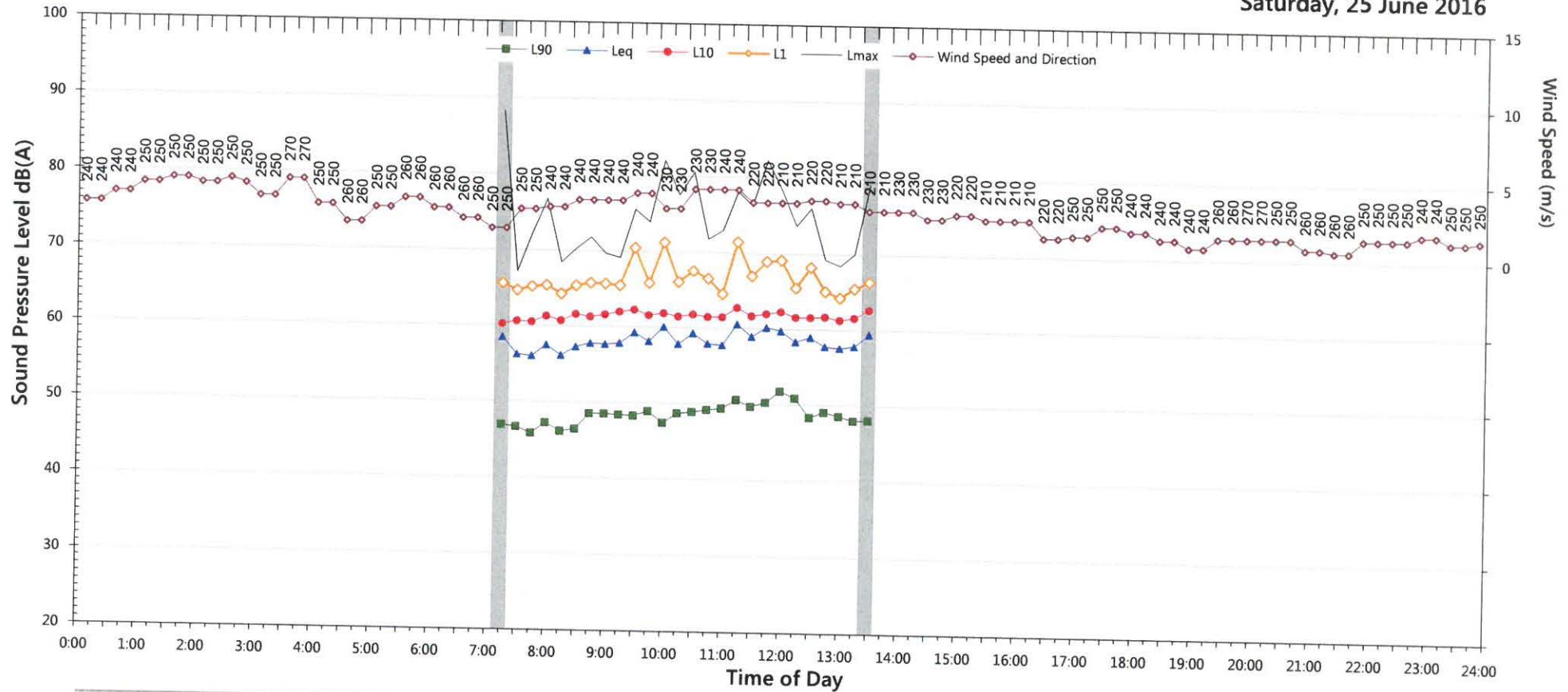
TH925 - M10 16 Cotter Lane combined (r1)

QTE-26 (rev 11) Logger Graphs Program

Unattended Noise Monitoring Results

16 Cotter Lane

Saturday, 25 June 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4 5}
L ₉₀	46.4	-	-
L _{Aeq}	58.4	-	-

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes:

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.
2. "Evening" is the period from 6pm till 10pm
3. "Night" relates to the remaining periods
4. "Night" relates to the remaining periods
5. "Night" relates to period from 10pm on this graph to morning on the following graph.
6. Graphed data measured in free-field; tabulated results facade corrected
7. Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)

Descriptor	Day 7am-10pm	Night ⁵ 10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	60.9	-
L _{eq} 1hr upper 10 percentile	62.4	-
L _{eq} 1hr lower 10 percentile	59.1	-

Data File: Various

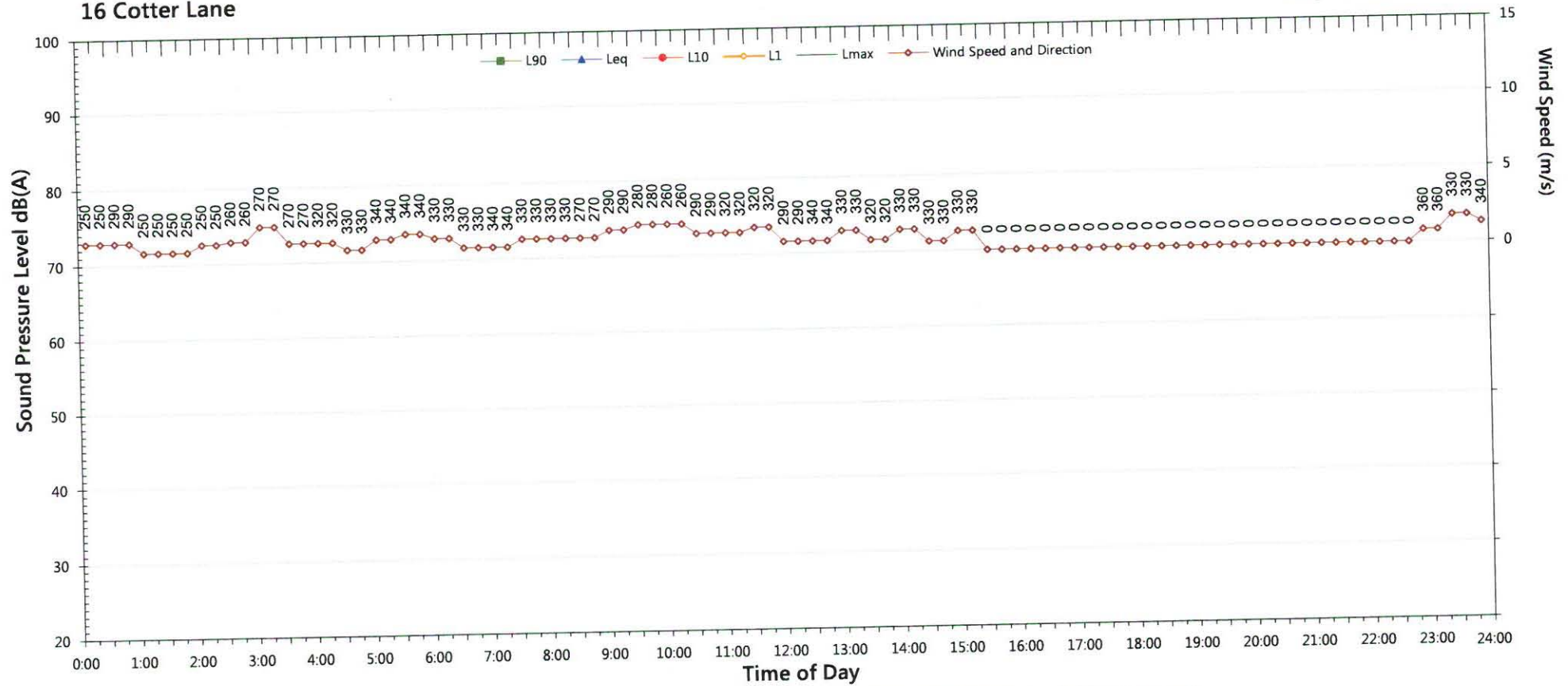
TH925 - M10 16 Cotter Lane combined (r1)

QTE-26 (rev 11) Logger Graphs Program

Unattended Noise Monitoring Results

16 Cotter Lane

Sunday, 26 June 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4 5}
L ₉₀	-	-	-
L _{Aeq}	-	-	-

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes

- Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.
- "Evening" is the period from 6pm till 10pm
- Graphed data measured in free-field; tabulated results facade corrected
- "Night" relates to the remaining periods
- Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)

Descriptor	Day	Night ⁵
	7am-10pm	10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	-	-
L _{eq} 1hr upper 10 percentile	-	-
L _{eq} 1hr lower 10 percentile	-	-

Data File: Various

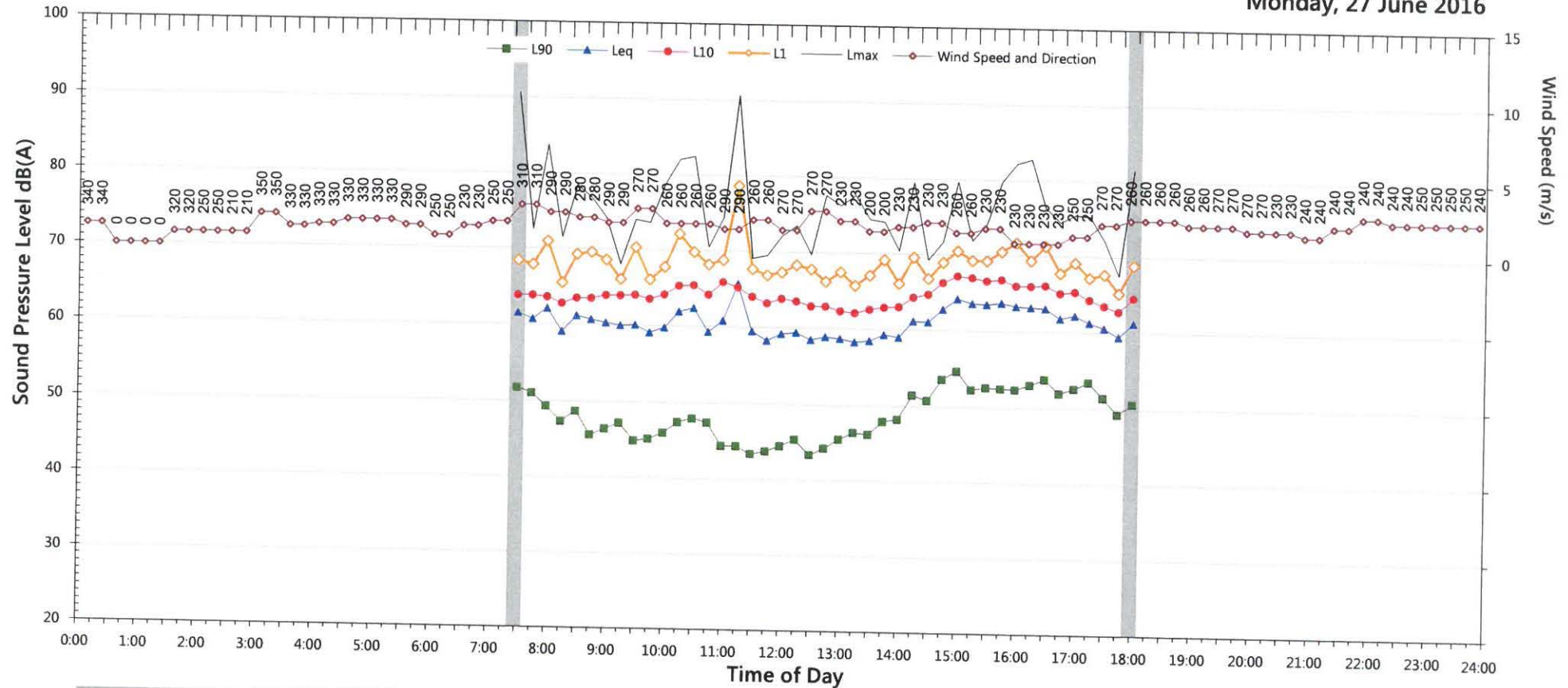
TH925 - M10 16 Cotter Lane combined (r1)

QTE-26 (rev 11) Logger Graphs Program

Unattended Noise Monitoring Results

16 Cotter Lane

Monday, 27 June 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4 5}
L ₉₀	44.4	-	-
L _{Aeq}	61.3	-	-

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	-	to	-
L _{Max} - L _{eq} (Range)	-	to	-

Notes:

1. Shaded periods denote measurements adversely affected by rain, wind or extraneous noise - data in these periods are excluded from calculations.

3. "Evening" is the period from 6pm till 10pm

6. Graphed data measured in free-field; tabulated results facade corrected

4. "Night" relates to the remaining periods

7. Night time L_{Max} values are shown only where L_{Max} > 65dB(A) and where L_{Max} - L_{eq} ≥ 15dB(A)

NSW Road Noise Policy (1m from facade) (see note 6)

Descriptor	Day 7am-10pm	Night ⁵ 10pm-7am
L _{eq} 15 hr and L _{eq} 9 hr	63.8	-
L _{eq} 1hr upper 10 percentile	65.9	-
L _{eq} 1hr lower 10 percentile	61.3	-

2. "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days

5. "Night" relates to period from 10pm on this graph to morning on the following graph.

Data File: Various

TH925 - M10 16 Cotter Lane combined (r1)

QTE-26 (rev 11) Logger Graphs Program