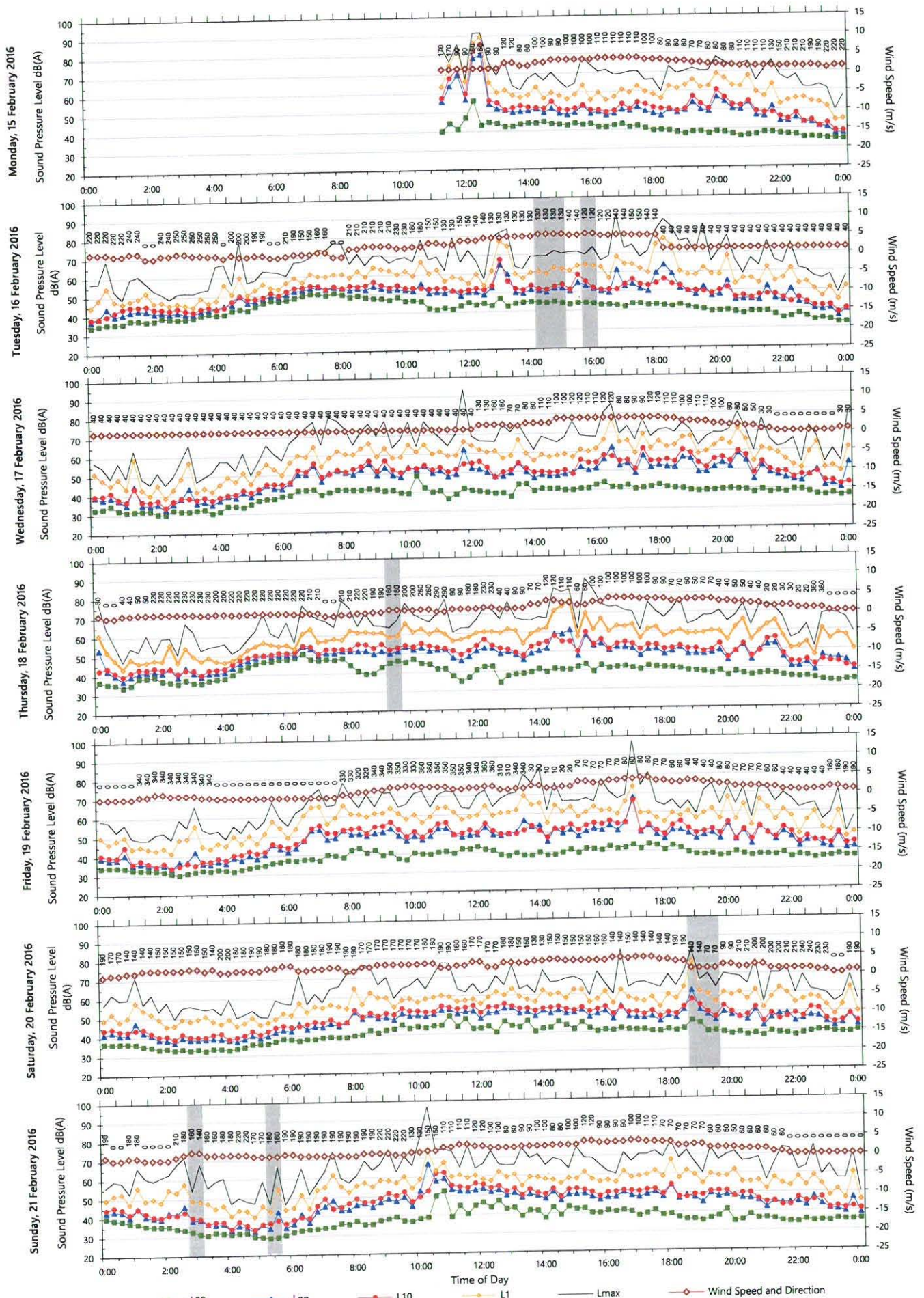


Unattended Monitoring Results

Location: 32 Speare Street, Moorebank

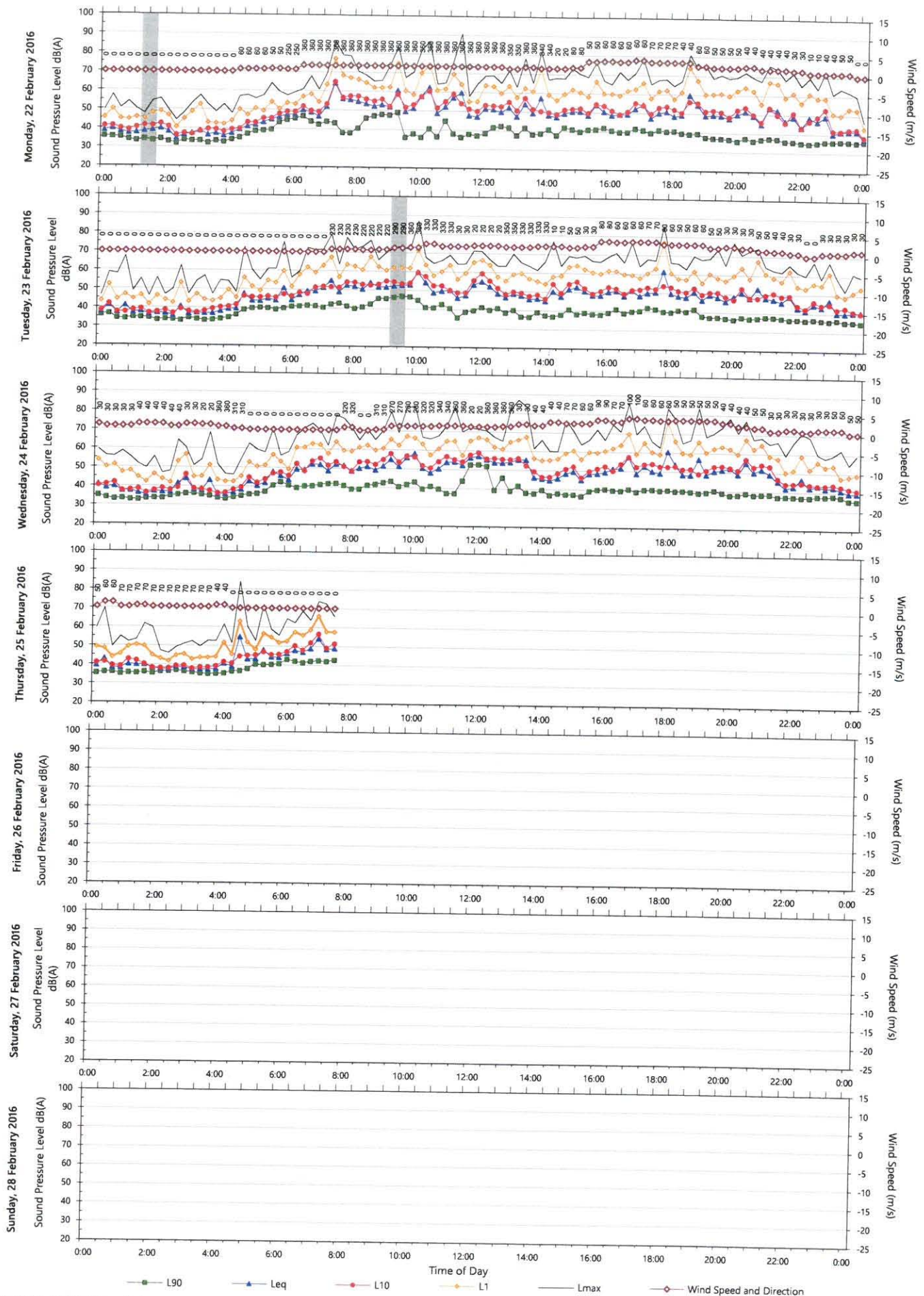


Data File: _123_Rpt_Report.txt

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

Unattended Monitoring Results

Location: 32 Speare Street, Moorebank



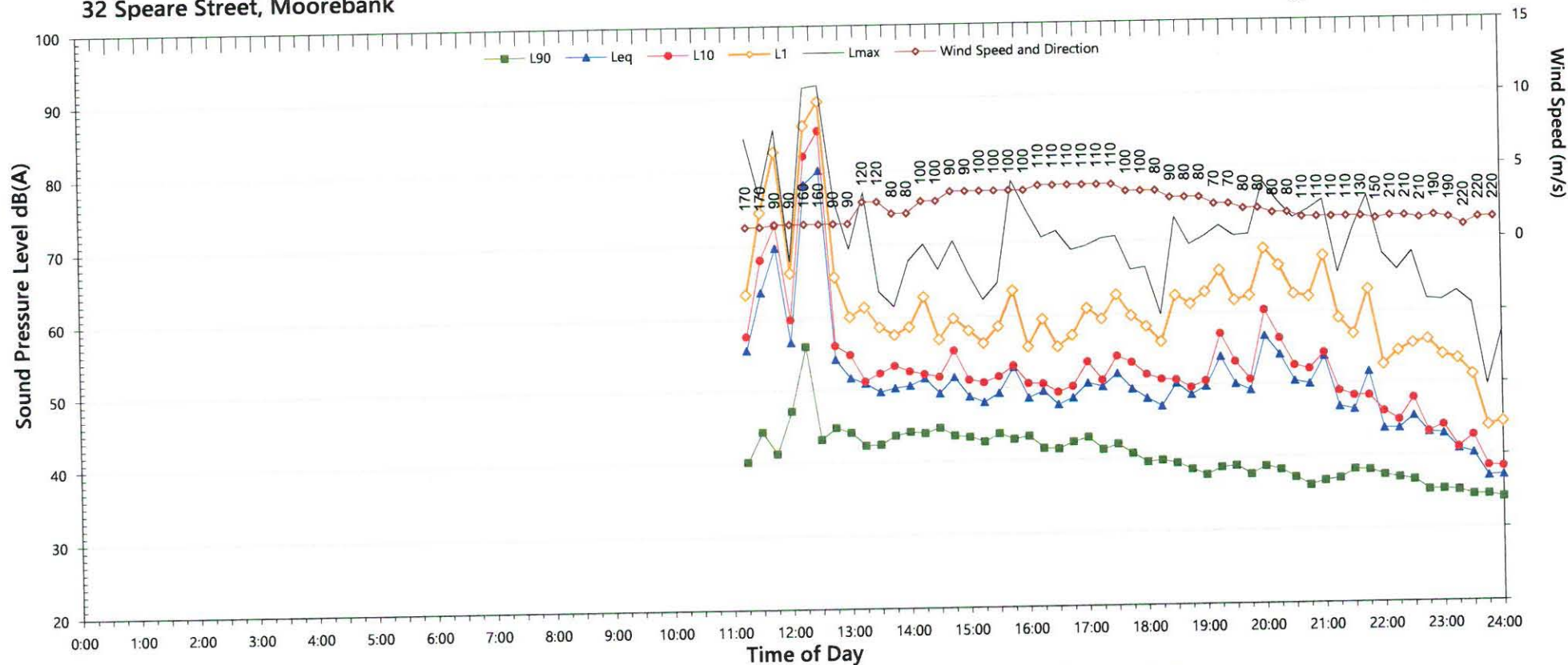
Data File: _123_Rpt_Report.txt

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

Unattended Noise Monitoring Results

32 Speare Street, Moorebank

Monday, 15 February 2016



NSW Industrial Noise Policy (Free Field)			
Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	-	36.6	34.9
L _{Aeq}	-	51.4	46.3

Night Time Maximum Noise Levels		(see note 7)	
L _{Max} (Range)	66.1	to	78.6
L _{Max} - L _{eq} (Range)	17.8	to	31.5

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	68.8	48.8
L _{eq} 1hr upper 10 percentile	78.4	54.8
L _{eq} 1hr lower 10 percentile	50.7	41.6

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)

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

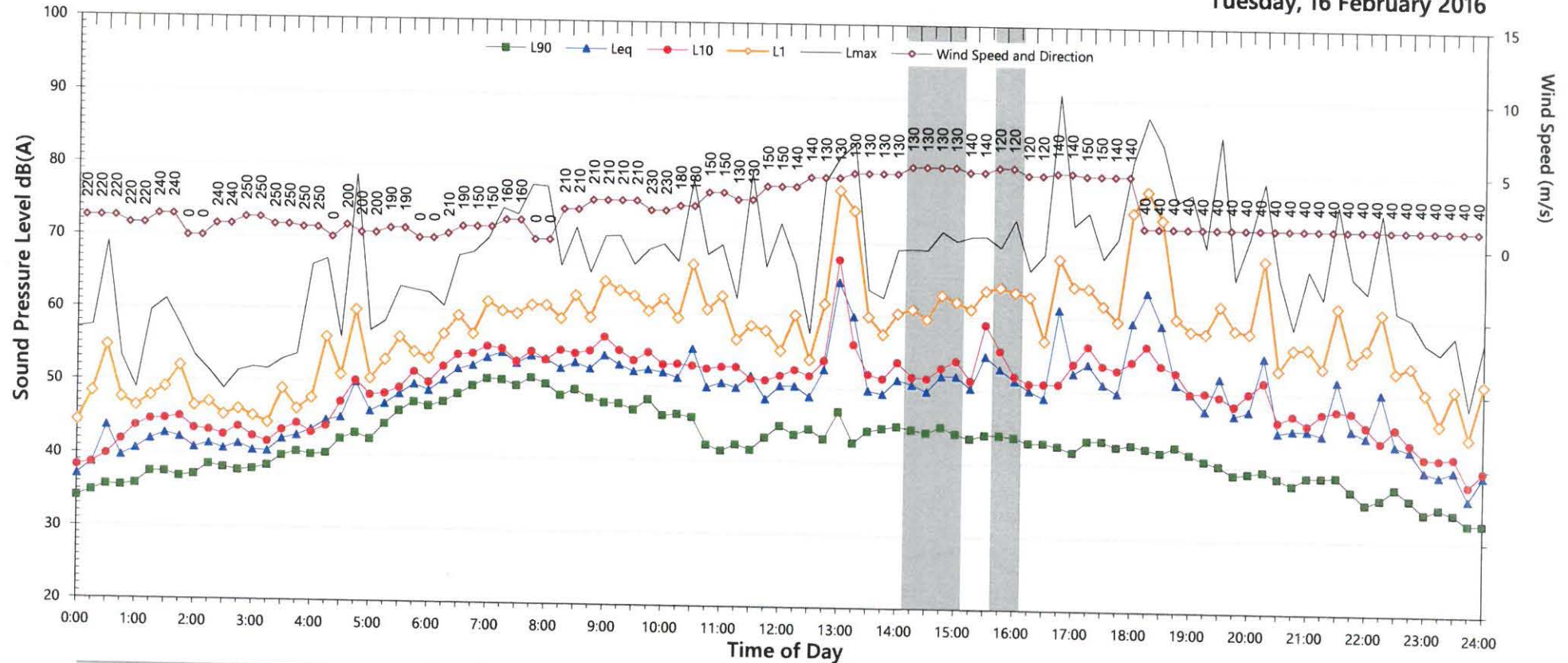
TH925- 32 Speare Street Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

32 Speare Street, Moorebank

Tuesday, 16 February 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	42.2	37.0	31.3
LA _{eq}	54.8	54.4	44.2

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	65.8	to	77.8
L _{Max} - L _{eq} (Range)	19.3	to	29.0

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	57.2	46.7
L _{eq} 1hr upper 10 percentile	61.7	53.8
L _{eq} 1hr lower 10 percentile	50.9	38.5

Data File: _123_Rpt_Report.txt

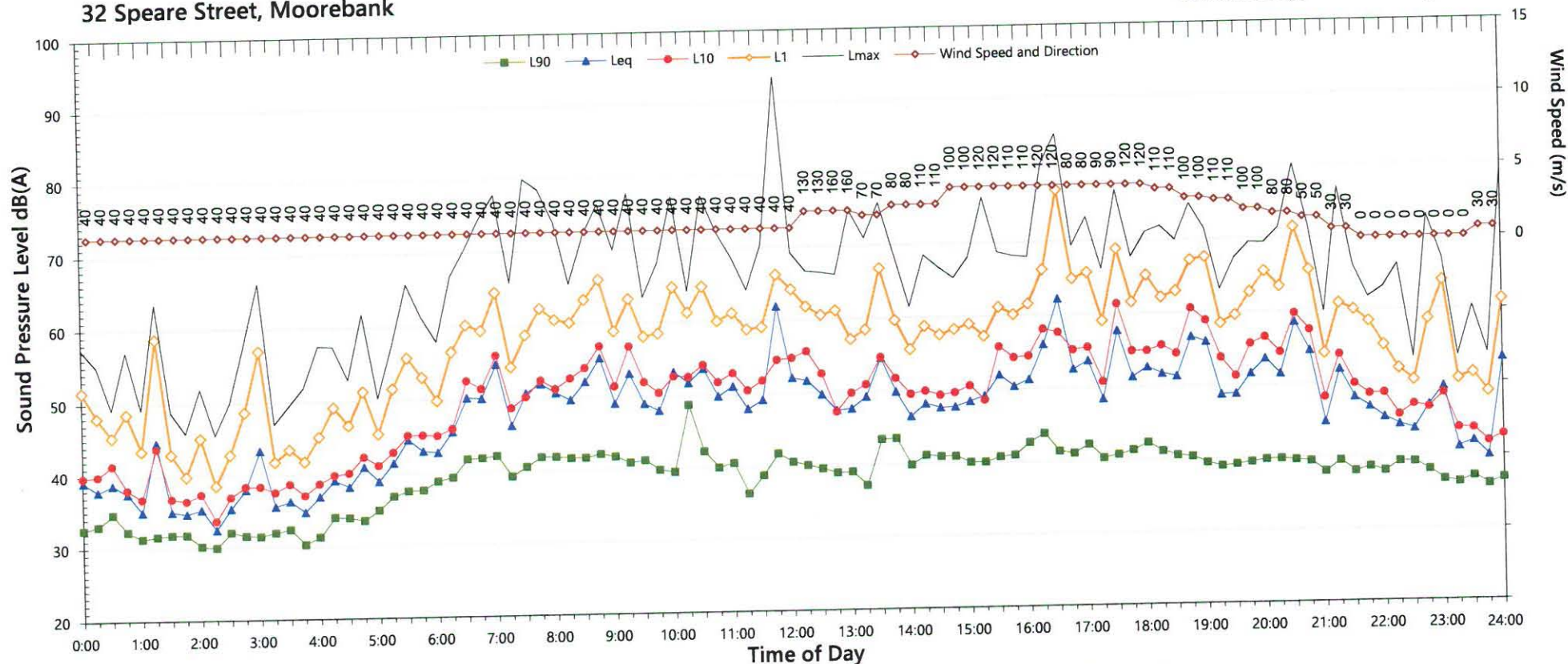
TH925- 32 Speare Street Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

32 Speare Street, Moorebank

Wednesday, 17 February 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	39.1	38.0	35.5
L _{Aeq}	53.2	53.0	47.2

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	67.1	to	79.2
L _{Max} - L _{eq} (Range)	15.8	to	31.2

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	55.6	49.7
L _{eq} 1hr upper 10 percentile	59.8	54.6
L _{eq} 1hr lower 10 percentile	51.0	42.7

Data File: _123_Rpt_Report.txt

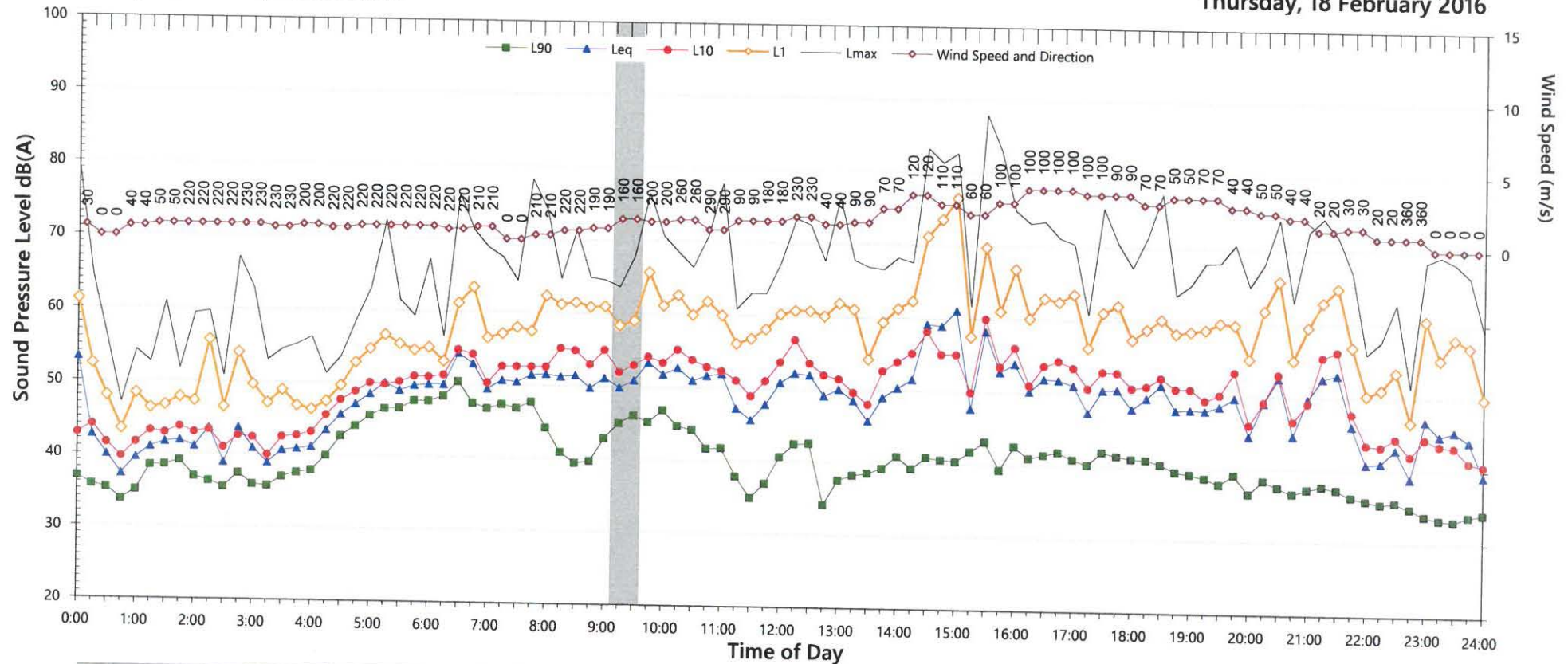
TH925- 32 Speare Street Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

32 Speare Street, Moorebank

Thursday, 18 February 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	37.9	36.3	31.8
L _{Aeq}	52.9	49.5	43.8

Night Time Maximum Noise Levels

(see note 7)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L _{Max} (Range)	66.0	to	74.6
L _{Max} - L _{eq} (Range)	16.8	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.

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	54.7	46.3
L _{eq} 1hr upper 10 percentile	59.7	53.2
L _{eq} 1hr lower 10 percentile	50.7	38.0

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

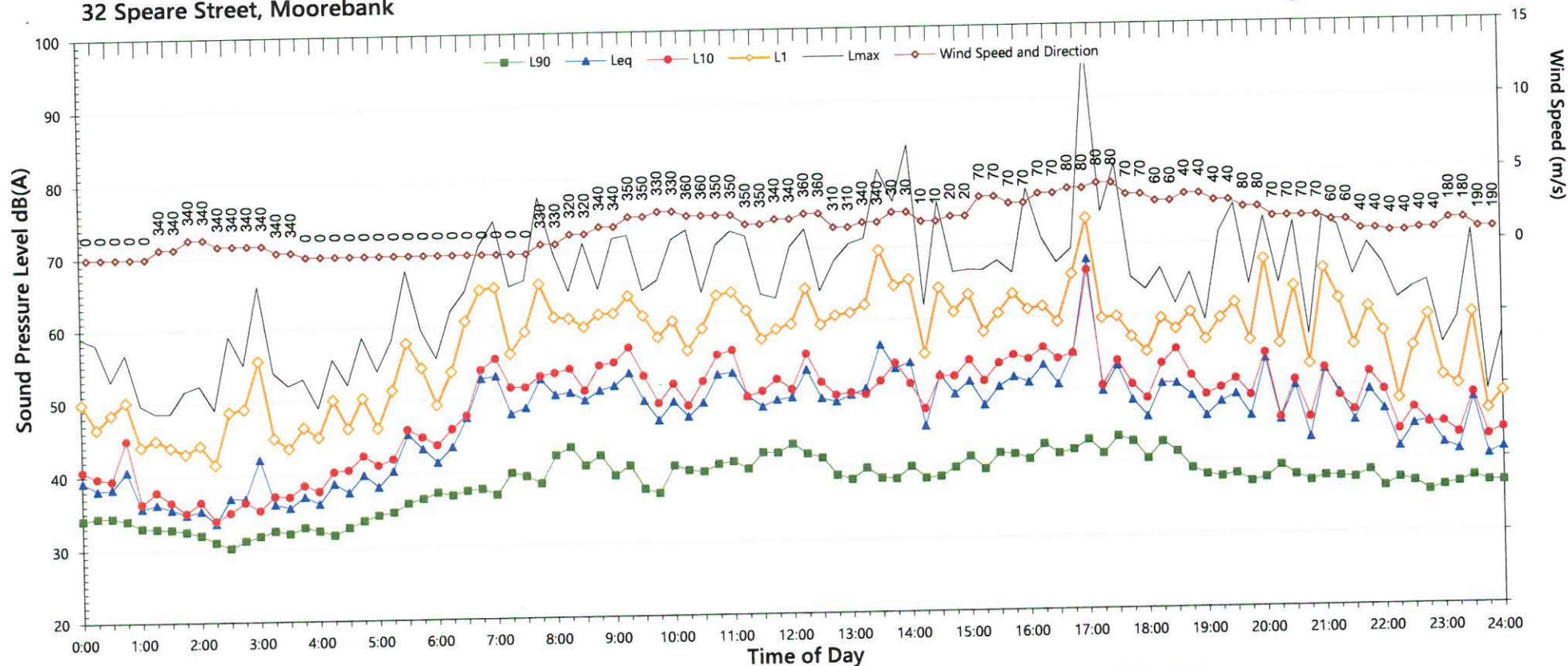
TH925- 32 Speare Street Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

32 Speare Street, Moorebank

Friday, 19 February 2016



NSW Industrial Noise Policy (Free Field)			
Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	38.2	37.1	32.9
L _{Aeq}	54.3	49.2	42.2

Night Time Maximum Noise Levels		(see note 7)	
L _{Max} (Range)	71.2	to	72.1
L _{Max} - L _{eq} (Range)	17.2	to	27.8

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

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	55.9	44.7
L _{eq} 1hr upper 10 percentile	62.4	47.2
L _{eq} 1hr lower 10 percentile	51.0	40.7

TH925- 32 Speare Street Logger Graphs (r0)

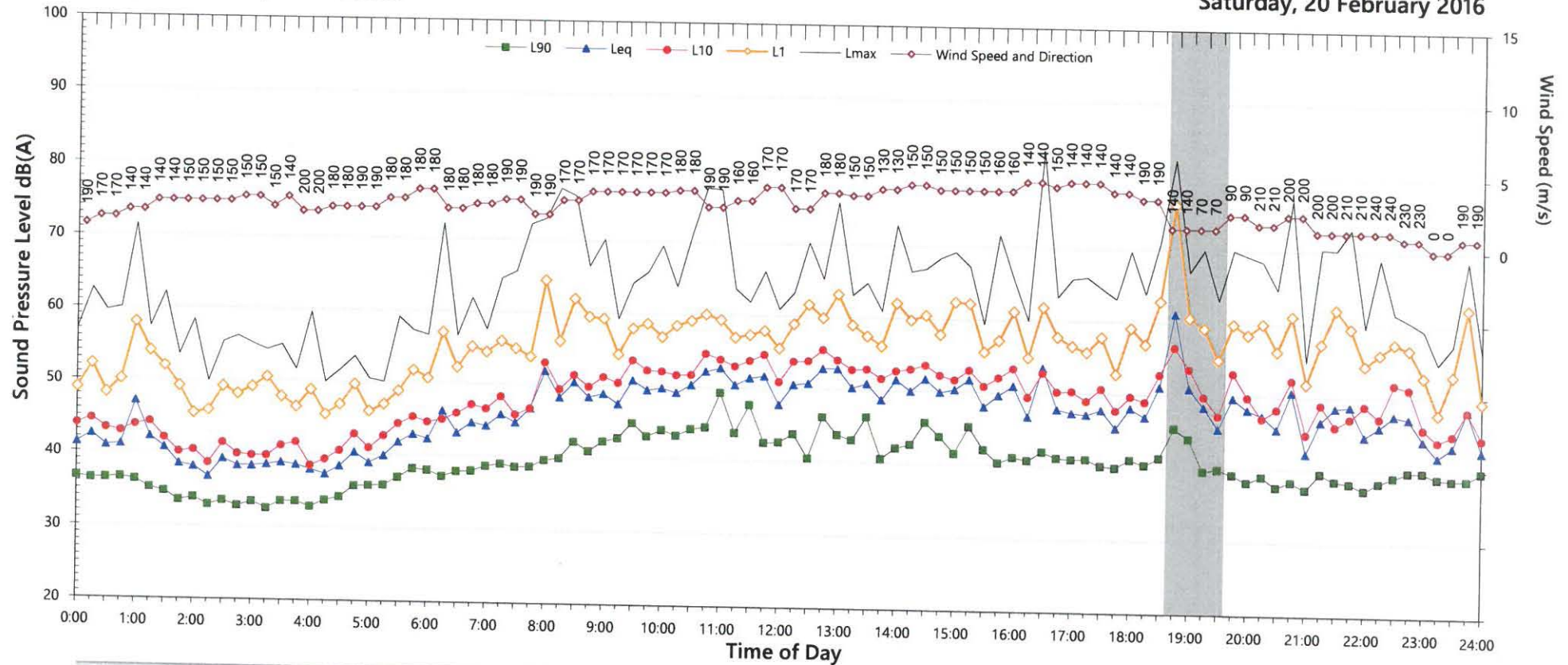
QTE-26 (rev 5) Logger Graphs Program

Data File: _123_Rpt_Report.txt

Unattended Noise Monitoring Results

32 Speare Street, Moorebank

Saturday, 20 February 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	39.9	-	30.6
L _{Aeq}	50.1	-	43.0

Night Time Maximum Noise Levels

(see note 7)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L _{Max} (Range)	65.3	to	71.8
L _{Max} - L _{eq} (Range)	18.6	to	27.7

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	52.2	45.1
L _{eq} 1hr upper 10 percentile	54.1	48.8
L _{eq} 1hr lower 10 percentile	49.8	37.2

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

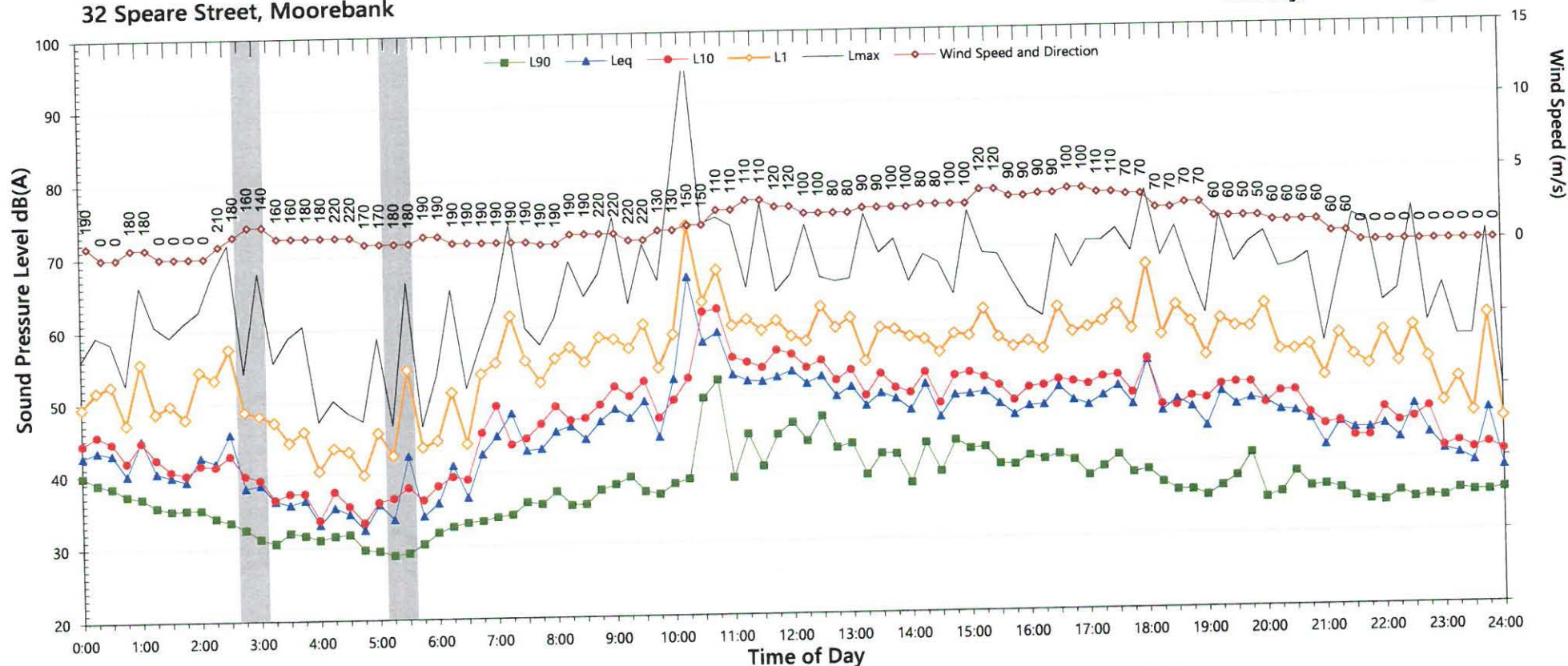
TH925- 32 Speare Street Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

32 Speare Street, Moorebank

Sunday, 21 February 2016



NSW Industrial Noise Policy (Free Field)			
Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	37.2	34.3	33.0
L _{Aeq}	53.8	46.8	44.1

Night Time Maximum Noise Levels			(see note 7)
L _{Max} (Range)	69.5	to	74.5
L _{Max} - L _{eq} (Range)	15.8	to	30.2

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	54.9	46.6
L _{eq} 1hr upper 10 percentile	61.8	52.1
L _{eq} 1hr lower 10 percentile	47.5	39.4

Data File: _123_Rpt_Report.txt

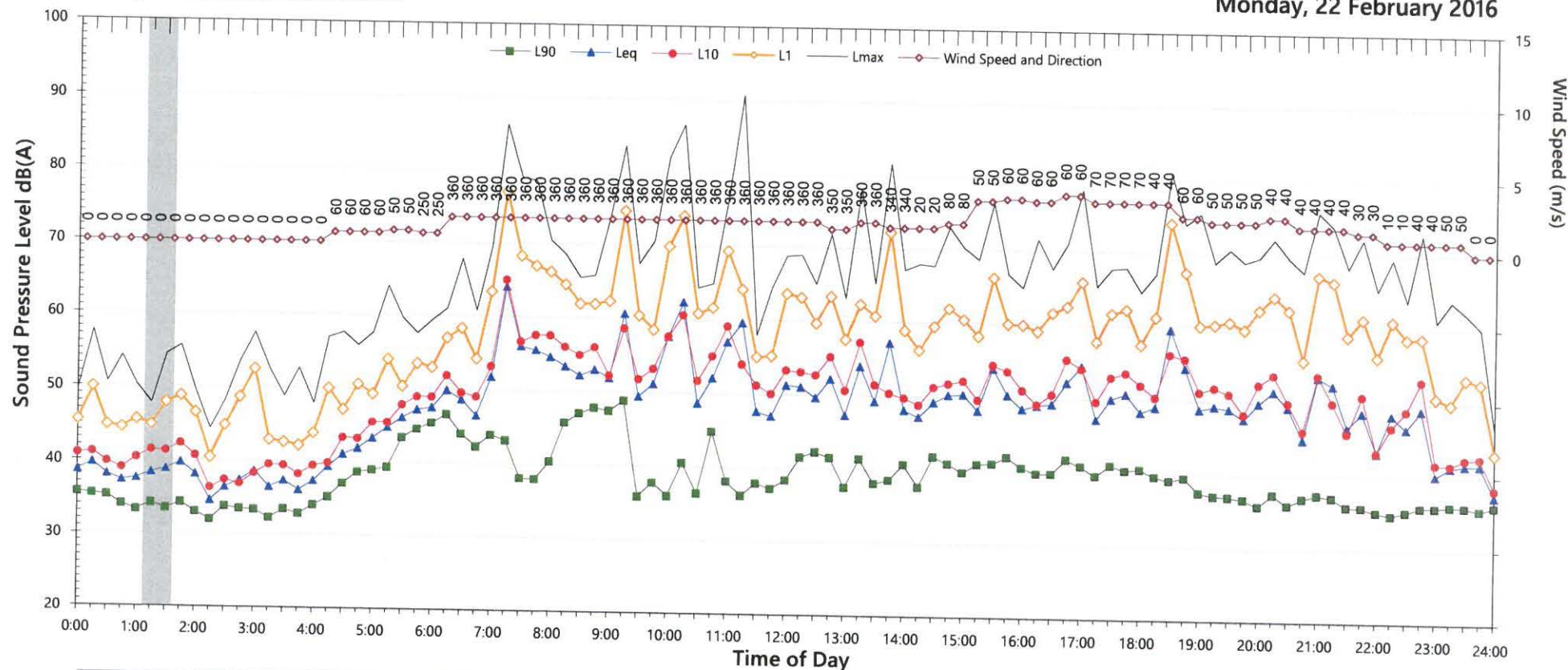
TH925- 32 Speare Street Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

32 Speare Street, Moorebank

Monday, 22 February 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	37.2	35.8	33.6
L _{Aeq}	54.7	51.8	44.5

Night Time Maximum Noise Levels

		(see note 7)
L _{Max} (Range)	67.3	to 75.2
L _{Max} - L _{eq} (Range)	18.9	to 28.2

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	56.6	47.0
L _{eq} 1hr upper 10 percentile	61.3	51.8
L _{eq} 1hr lower 10 percentile	51.5	39.5

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

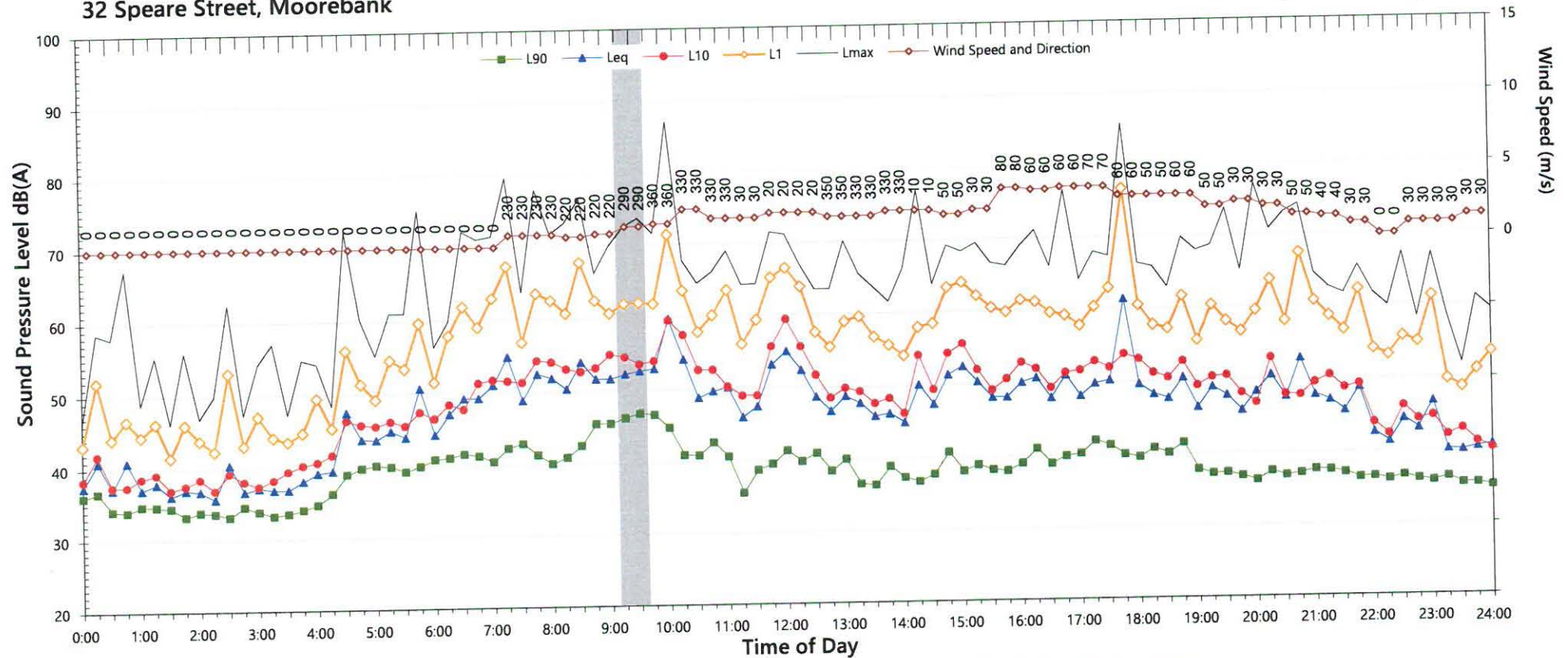
TH925- 32 Speare Street Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

32 Speare Street, Moorebank

Tuesday, 23 February 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	37.4	36.5	33.4
L _{Aeq}	52.2	48.6	44.1

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	67.3	to	73.6
L _{Max} - L _{eq} (Range)	19.0	to	29.1

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	54.0	46.6
L _{eq} 1hr upper 10 percentile	59.4	53.2
L _{eq} 1hr lower 10 percentile	49.0	39.0

Data File: _123_Rpt_Report.txt

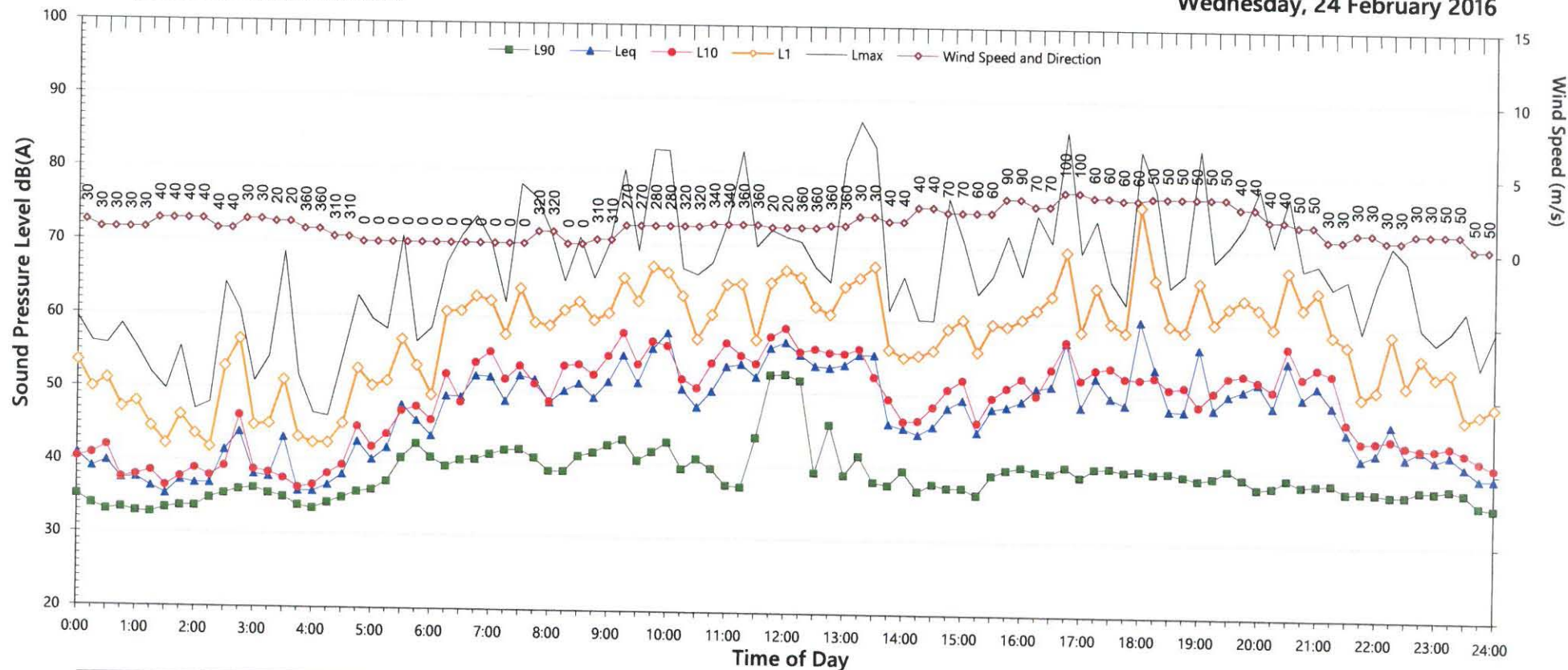
TH925- 32 Speare Street Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

32 Speare Street, Moorebank

Wednesday, 24 February 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	37.3	37.3	35.4
L _{Aeq}	53.0	51.2	45.3

Night Time Maximum Noise Levels

		(see note 7)
L _{Max} (Range)	69.8	to 83.9
L _{Max} - L _{eq} (Range)	21.4	to 34.6

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	55.1	47.8
L _{eq} 1hr upper 10 percentile	58.1	52.9
L _{eq} 1hr lower 10 percentile	49.2	40.6

Data File: _123_Rpt_Report.txt

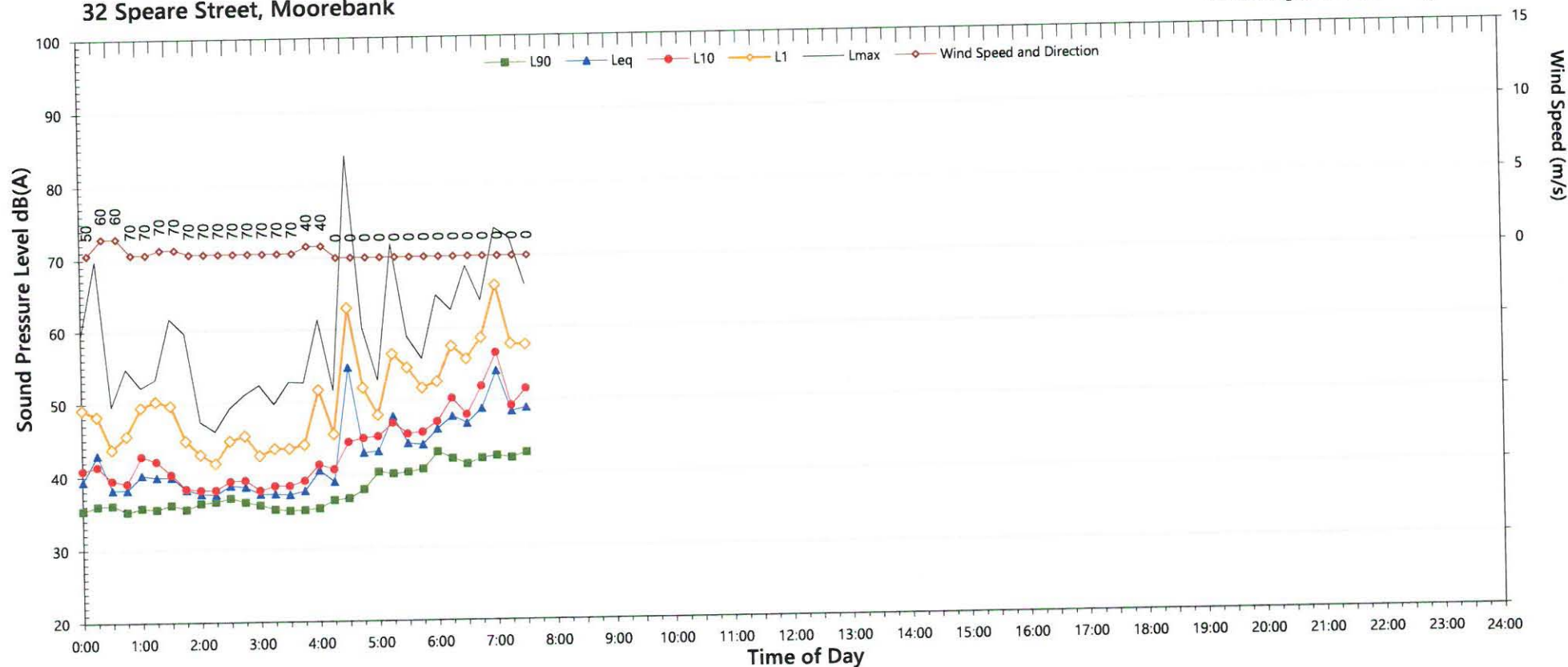
TH925- 32 Speare Street Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

32 Speare Street, Moorebank

Thursday, 25 February 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
- 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	51.2	-
L _{eq} 1hr upper 10 percentile	51.2	-
L _{eq} 1hr lower 10 percentile	51.2	-

Data File: _123_Rpt_Report.txt

TH925- 32 Speare Street Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

49 Horizon Circuit, Moorebank

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
Monday-15-February-2016	-	39.9	39.6	-	49.2	46.7
Tuesday-16-February-2016	41.4	36.1	32.1	57.3	50.8	45.6
Wednesday-17-February-2016	39.4	42.5	33.2	55.4	55.3	43.1
Thursday-18-February-2016	41.3	43.6	34.2	52.8	50.0	42.2
Friday-19-February-2016	43.5	41.9	35.0	54.0	51.1	43.5
Saturday-20-February-2016	36.8	-	34.6	53.1	-	43.5
Sunday-21-February-2016	37.6	42.3	35.7	50.2	50.6	53.3
Monday-22-February-2016	42.7	42.8	36.5	54.3	50.1	44.8
Tuesday-23-February-2016	44.5	43.3	38.1	62.3	49.5	45.6
Wednesday-24-February-2016	42.4	44.2	40.0	56.4	50.2	45.7
Thursday-25-February-2016	-	-	-	-	-	-
Representative Weekday⁵	42.4	42.7	35.8	57.3	51.3	44.9
Representative Weekend⁵	37.2	42.3	35.2	51.9	50.6	50.7
Representative Week⁵	41.4	42.5	35.4	56.5	51.2	46.8

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}

49 Horizon Circuit, Moorebank

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
Monday-15-February-2016	54.8	49.2	60.4	49.6	54.1	44.6
Tuesday-16-February-2016	58.6	48.1	65.7	51.7	55.3	37.1
Wednesday-17-February-2016	57.9	45.6	61.3	51.7	51.2	38.7
Thursday-18-February-2016	54.7	44.7	58.5	51.4	48.5	38.8
Friday-19-February-2016	55.9	46.0	59.3	49.7	49.0	40.9
Saturday-20-February-2016	54.7	45.8	60.4	46.1	49.3	41.6
Sunday-21-February-2016	52.6	55.8	54.7	49.2	63.1	40.5
Monday-22-February-2016	56.0	47.3	59.8	51.6	51.6	42.7
Tuesday-23-February-2016	63.5	48.1	69.3	51.4	52.7	42.9
Wednesday-24-February-2016	57.9	48.2	62.4	51.2	52.3	45.5
Thursday-25-February-2016	62.3	-	66.1	60.4	-	-
Representative Weekday³	59.1	47.4	64.1	53.7	52.4	42.3
Representative Weekend³	53.8	53.2	58.4	47.9	60.3	41.1
Representative Week³	58.5	49.3	63.5	53.1	55.5	42.1

Notes:

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

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

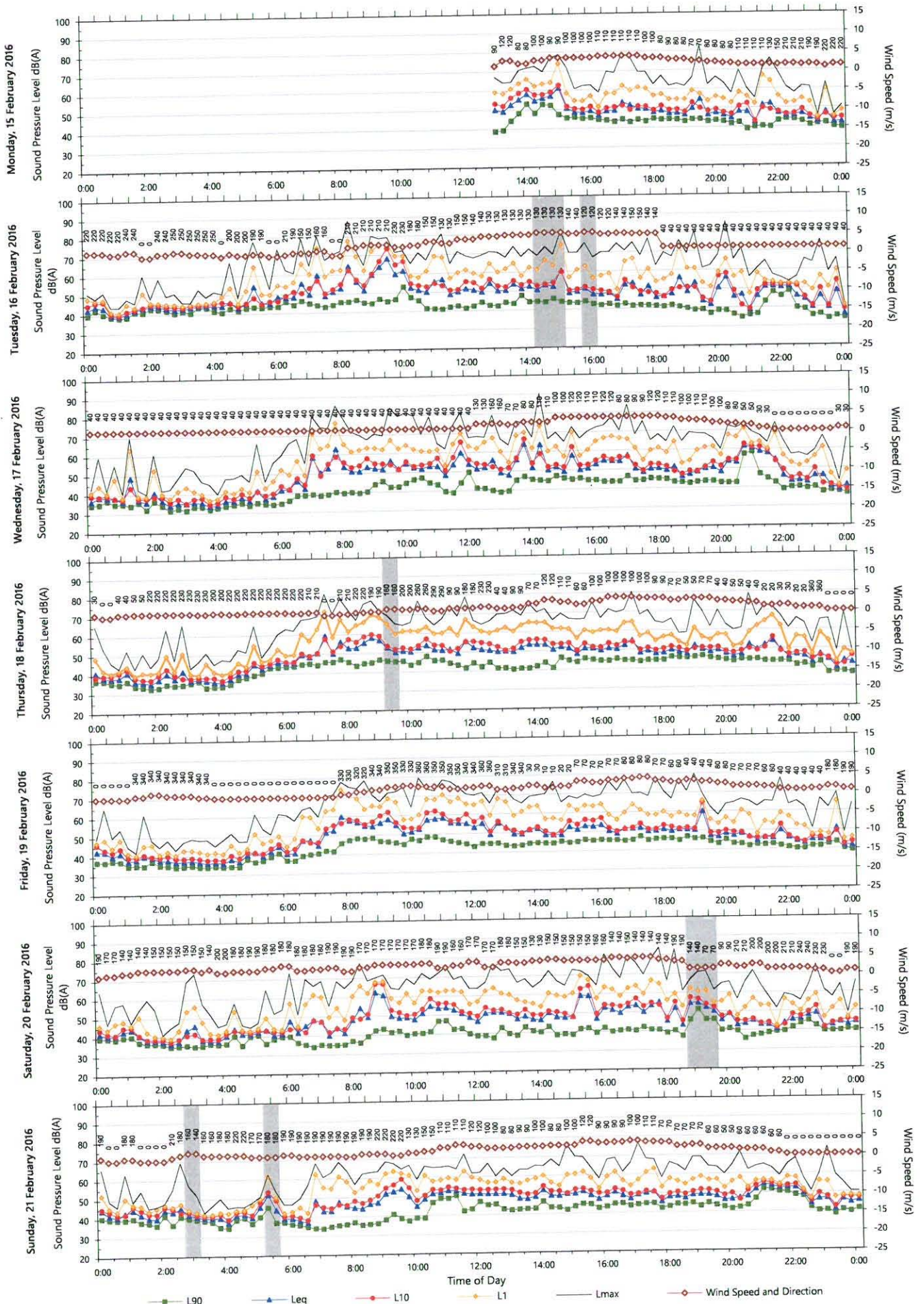
3. Logarithmic average of daily L_{Aeq}

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

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

Unattended Monitoring Results

Location: 49 Horizon Circuit, Moorebank

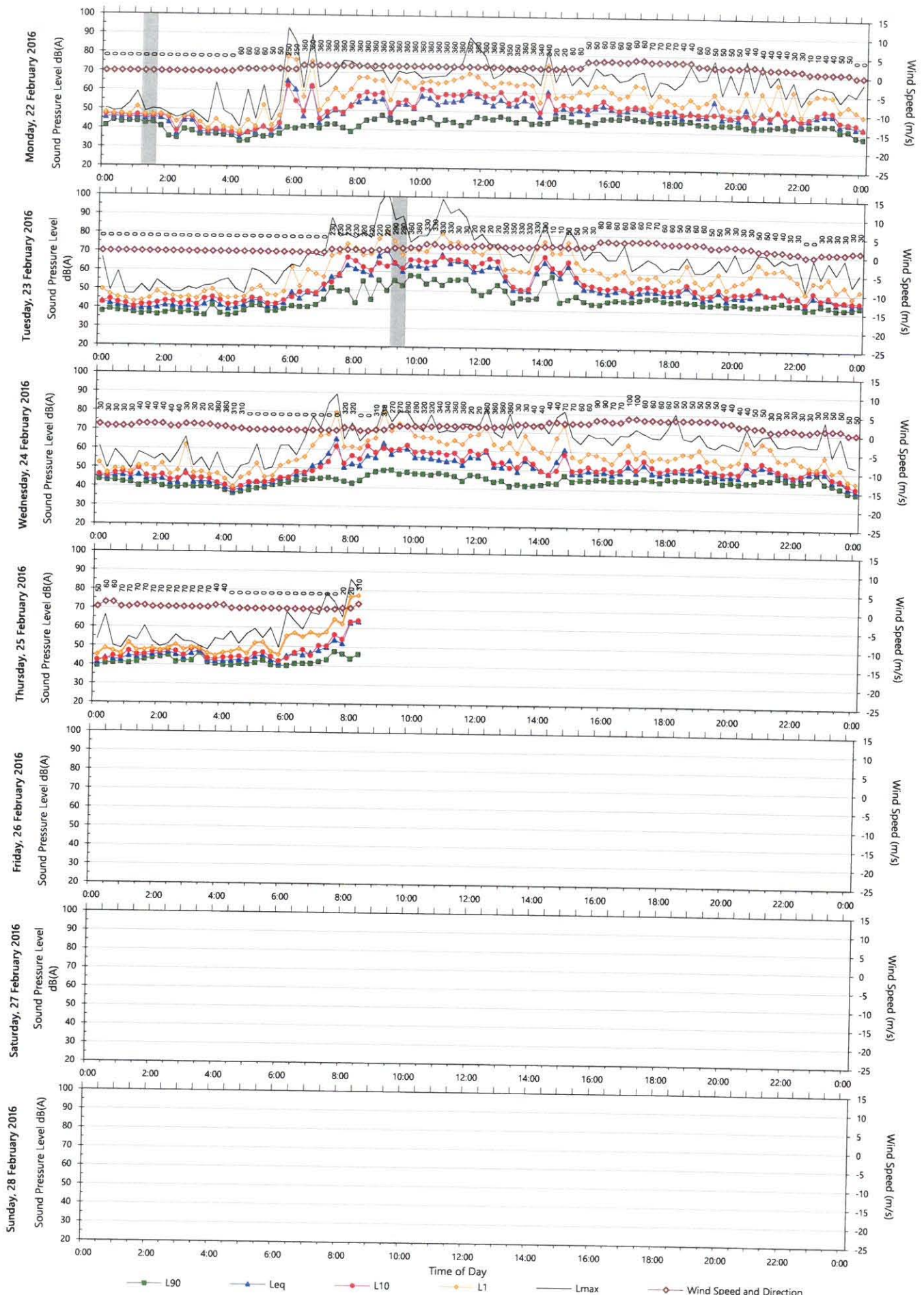


Data File: _123_Rpt_Report.txt

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

Unattended Monitoring Results

Location: 49 Horizon Circuit, Moorebank



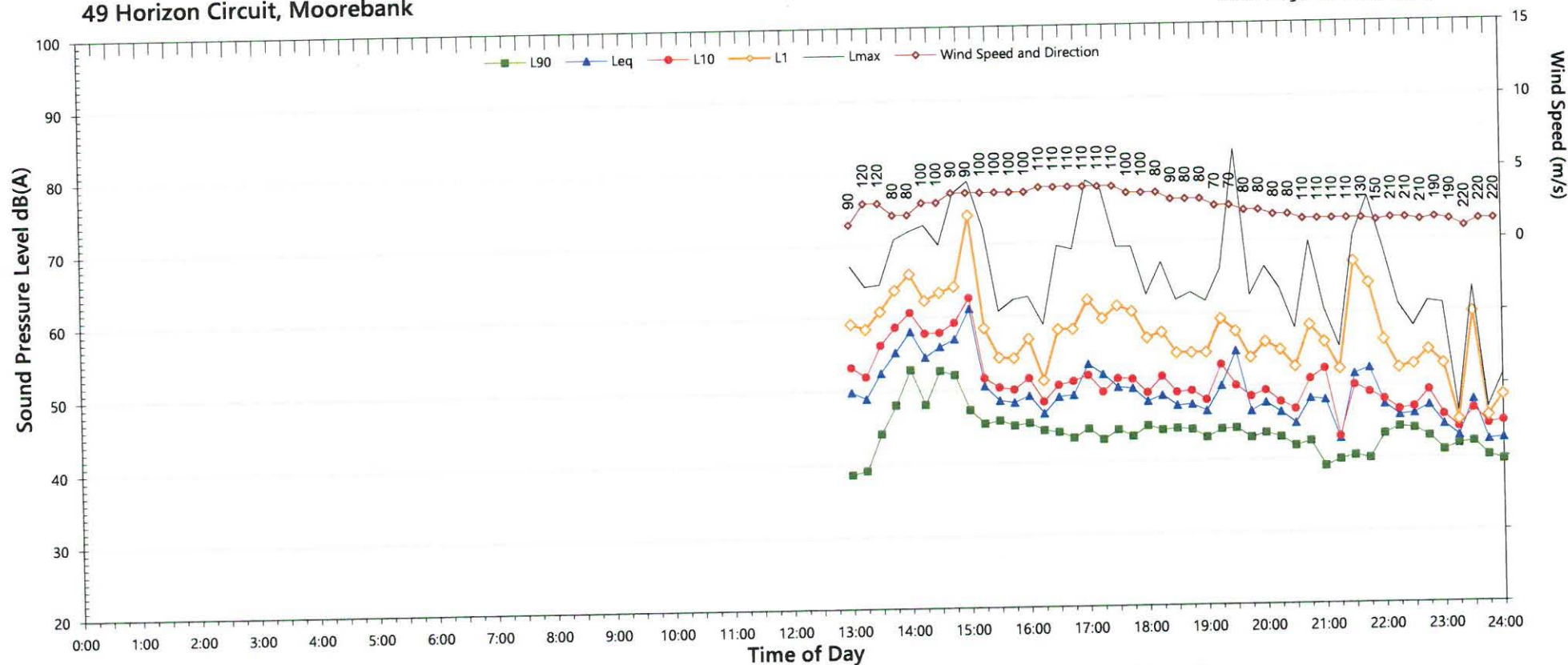
Data File: _123_Rpt_Report.txt

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

Unattended Noise Monitoring Results

49 Horizon Circuit, Moorebank

Monday, 15 February 2016



NSW Industrial Noise Policy (Free Field)			
Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	-	39.9	39.6
L _{Aeq}	-	49.2	46.7

Night Time Maximum Noise Levels		(see note 7)	
L _{Max} (Range)	67.1	to	79.4
L _{Max} - L _{eq} (Range)	15.4	to	28.1

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	54.8	49.2
L _{eq} 1hr upper 10 percentile	60.4	54.1
L _{eq} 1hr lower 10 percentile	49.6	44.6

Data File: _123_Rpt_Report.txt

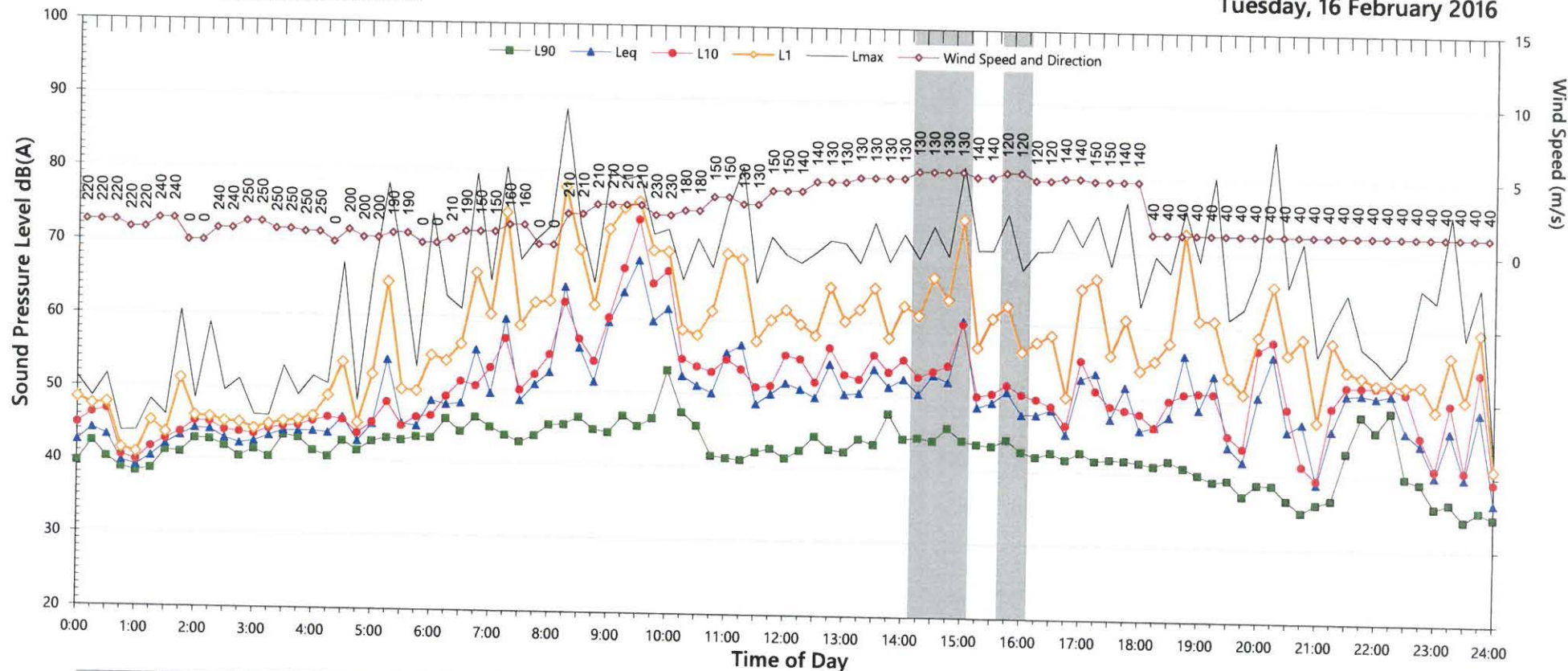
TH925- 49 Horizon Circuit Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

49 Horizon Circuit, Moorebank

Tuesday, 16 February 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	41.4	36.1	32.1
L _{Aeq}	57.3	50.8	45.6

Night Time Maximum Noise Levels

(see note 7)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L _{Max} (Range)	65.6	to	80.0
L _{Max} - L _{eq} (Range)	17.8	to	30.4

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	58.6	48.1
L _{eq} 1hr upper 10 percentile	65.7	55.3
L _{eq} 1hr lower 10 percentile	51.7	37.1

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

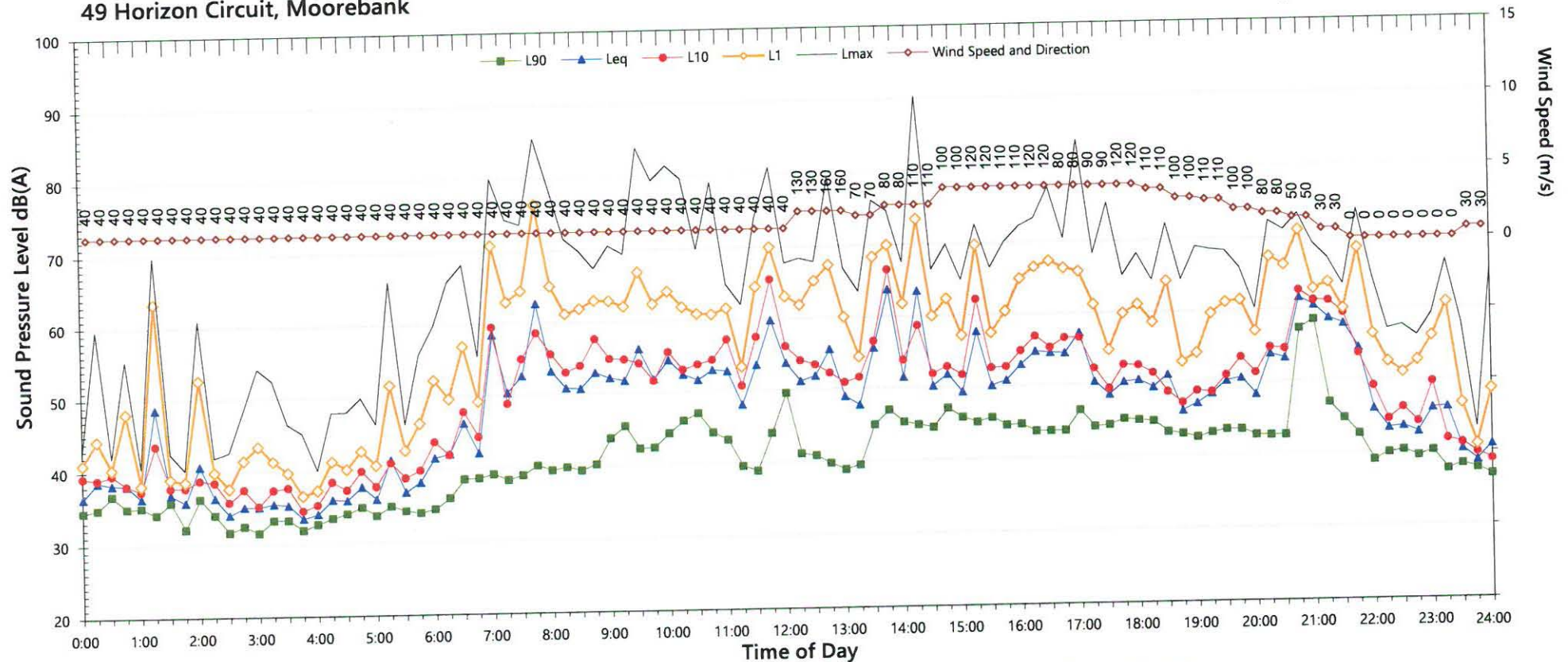
TH925- 49 Horizon Circuit Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

49 Horizon Circuit, Moorebank

Wednesday, 17 February 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	39.4	42.5	33.2
L _{Aeq}	55.4	55.3	43.1

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	65.0	to	69.6
L _{Max} - L _{eq} (Range)	15.1	to	26.5

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	57.9	45.6
L _{eq} 1hr upper 10 percentile	61.3	51.2
L _{eq} 1hr lower 10 percentile	51.7	38.7

Data File: _123_Rpt_Report.txt

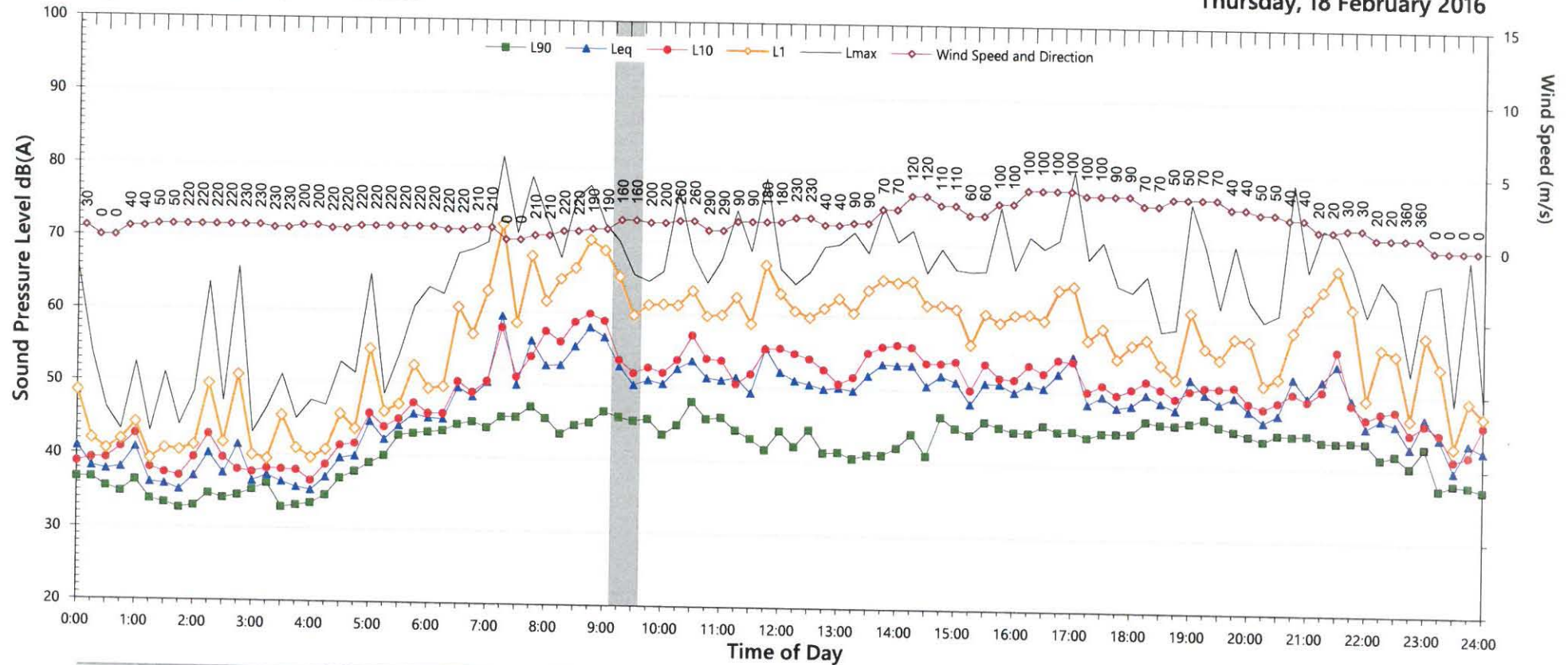
TH925- 49 Horizon Circuit Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

49 Horizon Circuit, Moorebank

Thursday, 18 February 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	41.3	43.6	34.2
L _{Aeq}	52.8	50.0	42.2

Night Time Maximum Noise Levels

(see note 7)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L _{Max} (Range)	65.0	to	68.8
L _{Max} - L _{eq} (Range)	19.2	to	25.9

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	54.7	44.7
L _{eq} 1hr upper 10 percentile	58.5	48.5
L _{eq} 1hr lower 10 percentile	51.4	38.8

Data File: _123_Rpt_Report.txt

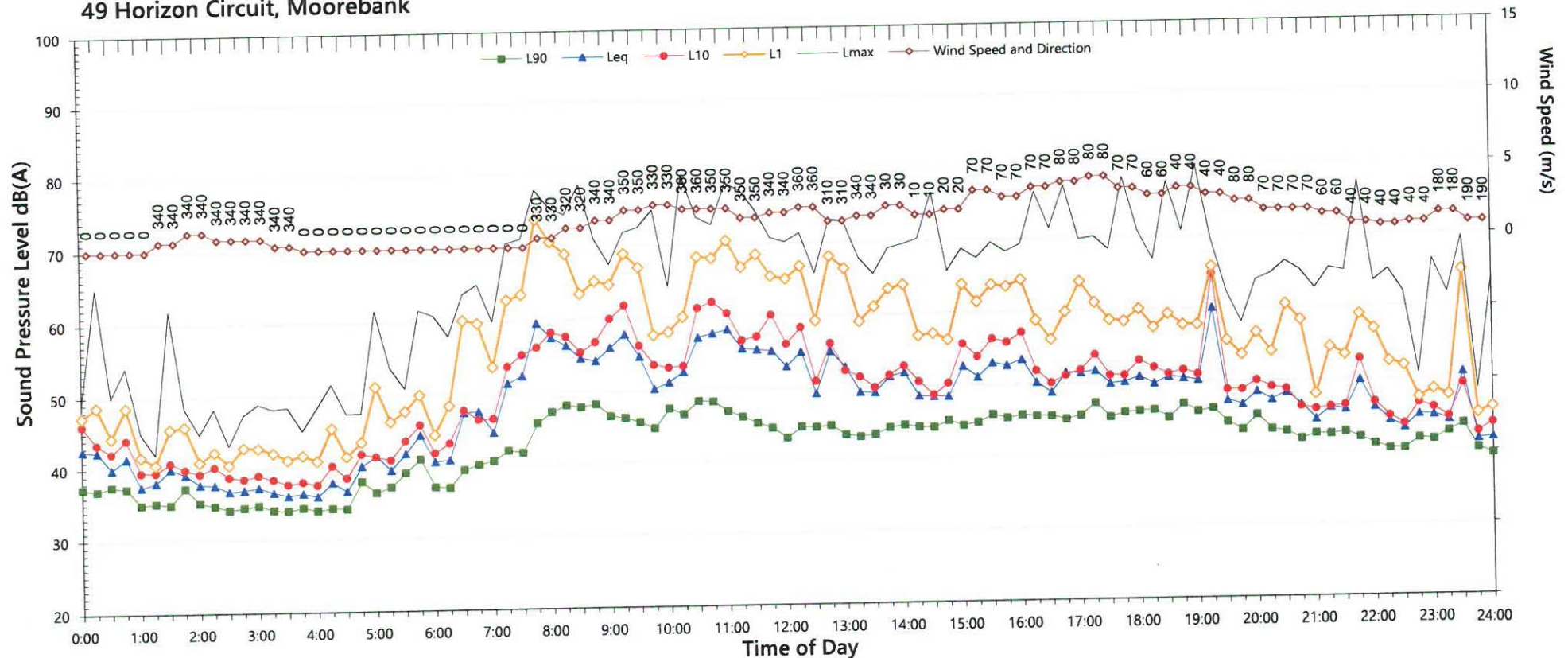
TH925- 49 Horizon Circuit Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

49 Horizon Circuit, Moorebank

Friday, 19 February 2016



NSW Industrial Noise Policy (Free Field)			
Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	43.5	41.9	35.0
L _{Aeq}	54.0	51.1	43.5

Night Time Maximum Noise Levels		(see note 7)	
L _{Max} (Range)	66.4	to	73.2
L _{Max} - L _{eq} (Range)	15.4	to	30.9

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

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	55.9	46.0
L _{eq} 1hr upper 10 percentile	59.3	49.0
L _{eq} 1hr lower 10 percentile	49.7	40.9

TH925- 49 Horizon Circuit Logger Graphs (r0)

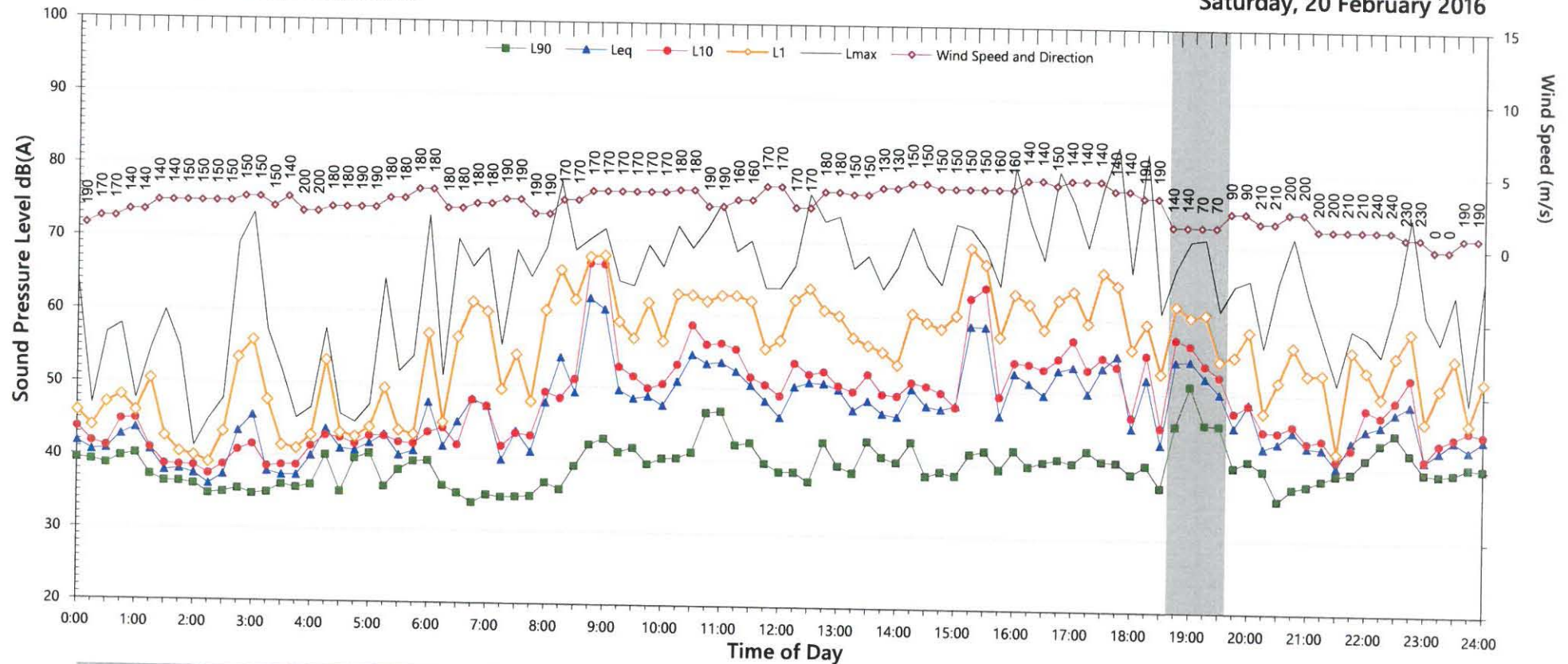
QTE-26 (rev 5) Logger Graphs Program

Data File: _123_Rpt_Report.txt

Unattended Noise Monitoring Results

49 Horizon Circuit, Moorebank

Saturday, 20 February 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	36.8	-	34.6
L _{Aeq}	53.1	-	43.5

Night Time Maximum Noise Levels

(see note 7)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L _{Max} (Range)	65.9	to	74.4
L _{Max} - L _{eq} (Range)	20.8	to	27.6

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	54.7	45.8
L _{eq} 1hr upper 10 percentile	60.4	49.3
L _{eq} 1hr lower 10 percentile	46.1	41.6

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

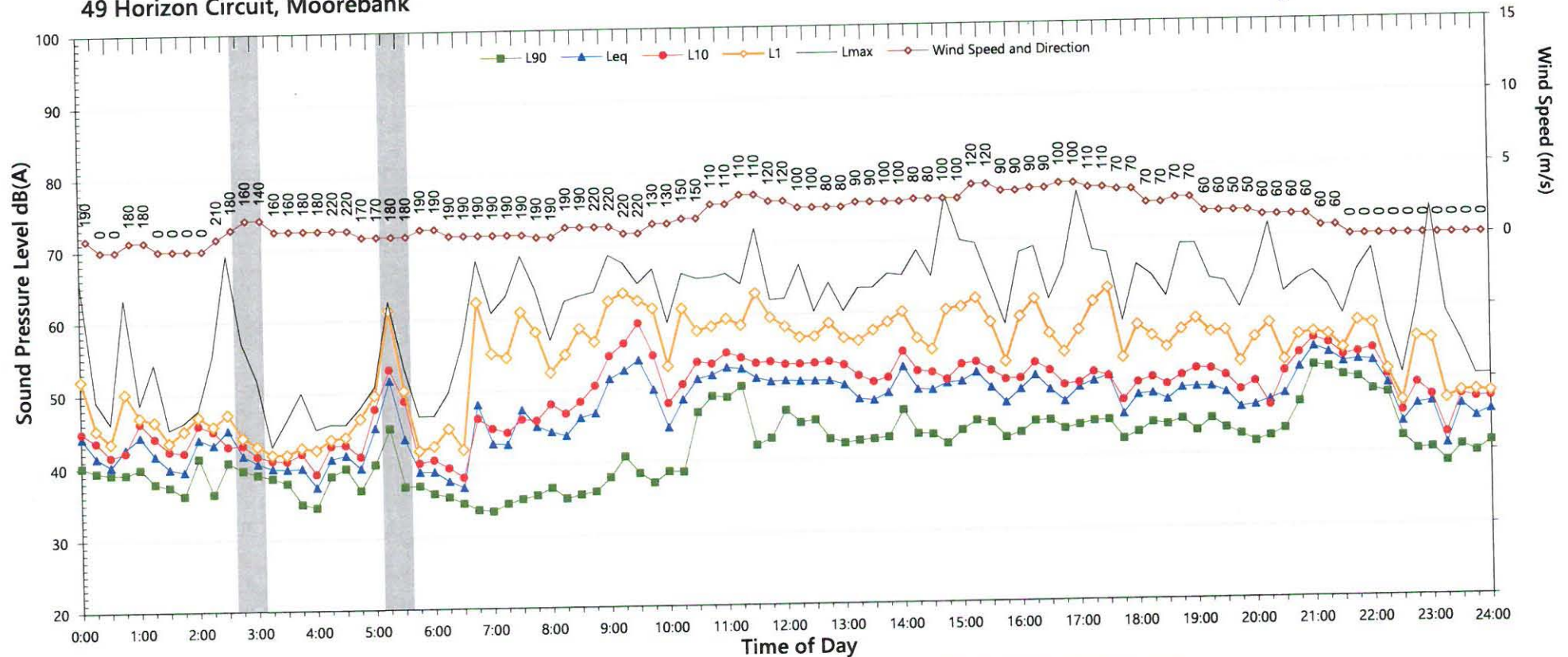
TH925- 49 Horizon Circuit Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

49 Horizon Circuit, Moorebank

Sunday, 21 February 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	37.6	42.3	35.7
L _{Aeq}	50.2	50.6	53.3

Night Time Maximum Noise Levels

(see note 7)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L _{Max} (Range)	73.8	to	93.1
L _{Max} - L _{eq} (Range)	24.2	to	32.9

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	52.6	55.8
L _{eq} 1hr upper 10 percentile	54.7	63.1
L _{eq} 1hr lower 10 percentile	49.2	40.5

Data File: _123_Rpt_Report.txt

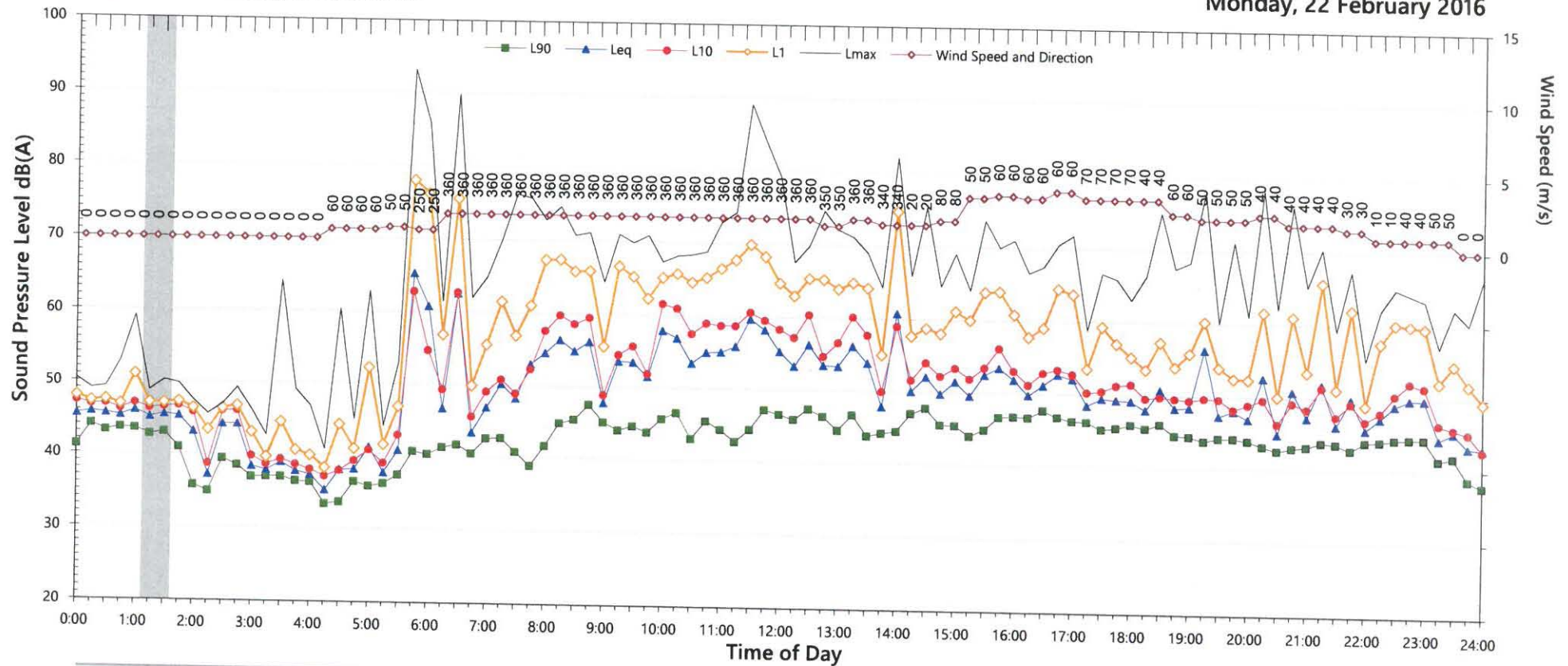
TH925- 49 Horizon Circuit Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

49 Horizon Circuit, Moorebank

Monday, 22 February 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	42.7	42.8	36.5
L _{Aeq}	54.3	50.1	44.8

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	65.0	to	69.4
L _{Max} - L _{eq} (Range)	15.9	to	22.5

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	56.0	47.3
L _{eq} 1hr upper 10 percentile	59.8	51.6
L _{eq} 1hr lower 10 percentile	51.6	42.7

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

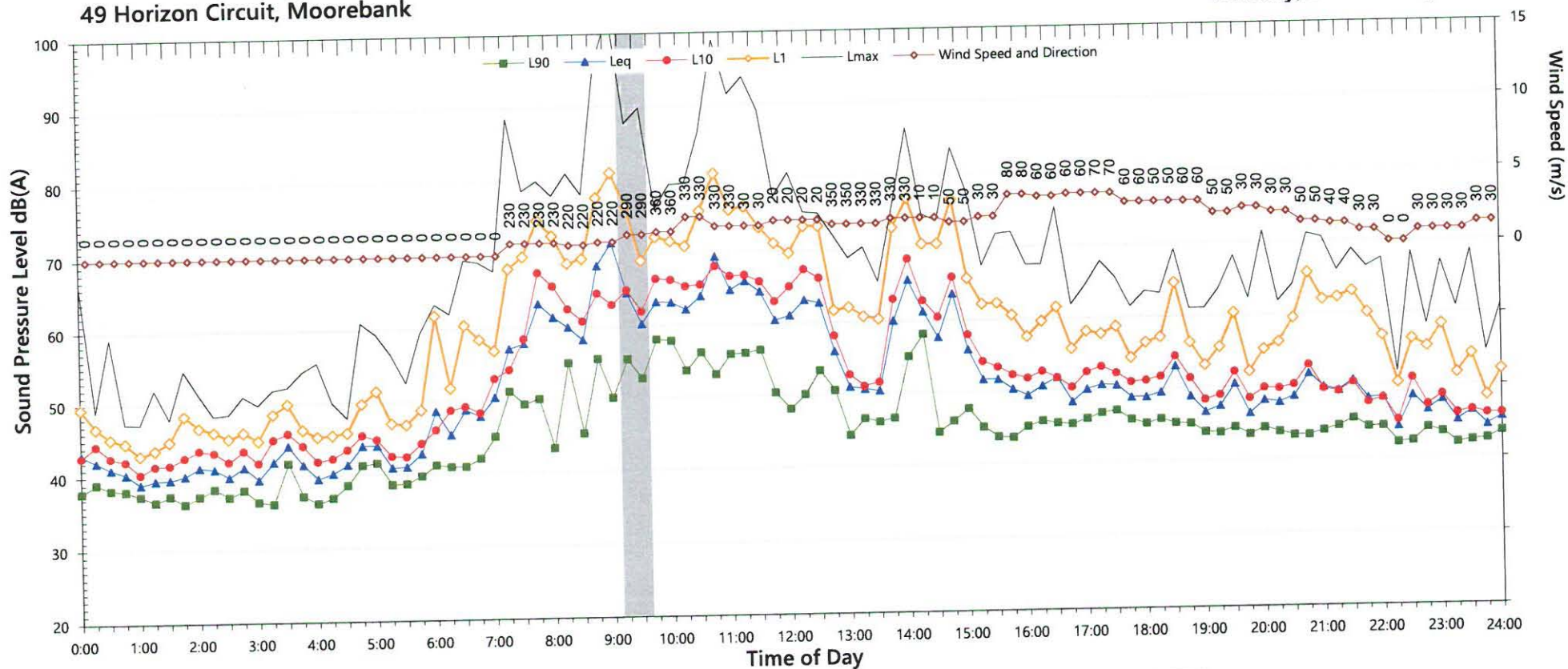
5. "Night" relates to period from 10pm on this graph to morning on the following graph.

Data File: _123_Rpt_Report.txt

TH925- 49 Horizon Circuit Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

49 Horizon Circuit, Moorebank



NSW Industrial Noise Policy (Free Field)			
Descriptor	Day ²	Evening ³	Night ^{4 5}
L ₉₀	44.5	43.3	38.1
LAeq	62.3	49.5	45.6

Night Time Maximum Noise Levels			(see note 7)
L_{Max} (Range)	66.1	to	77.3
$L_{Max} - L_{eq}$ (Range)	16.3	to	27.1

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

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	63.5	48.1
L _{eq} 1hr upper 10 percentile	69.3	52.7
L _{eq} 1hr lower 10 percentile	51.4	42.9

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

where $L_{Max} - Leq \geq 15\text{dB(A)}$

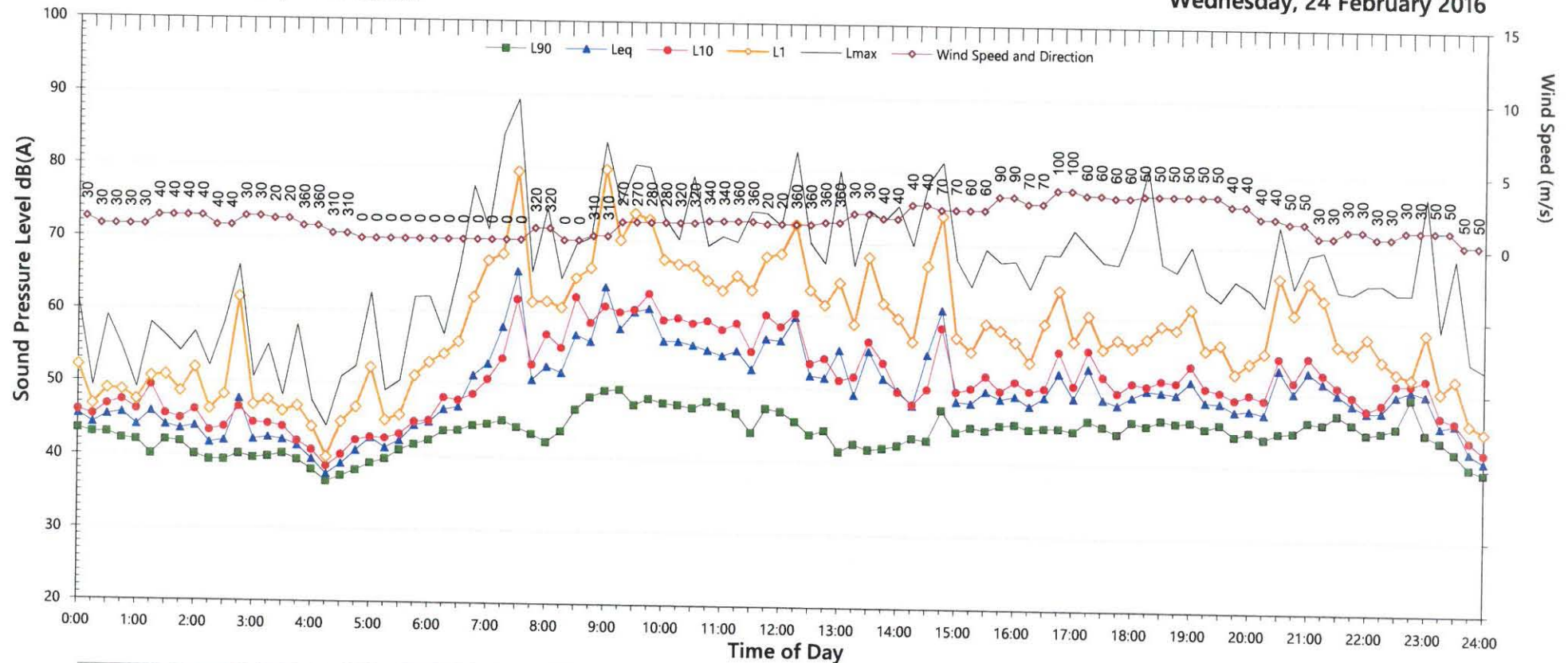
TH925- 49 Horizon Circuit Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

49 Horizon Circuit, Moorebank

Wednesday, 24 February 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	42.4	44.2	40.0
LA _{eq}	56.4	50.2	45.7

Night Time Maximum Noise Levels (see note 7)

L _{Max} (Range)	66.2	to	77.2
L _{Max} - L _{eq} (Range)	15.4	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.

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	57.9	48.2
L _{eq} 1hr upper 10 percentile	62.4	52.3
L _{eq} 1hr lower 10 percentile	51.2	45.5

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

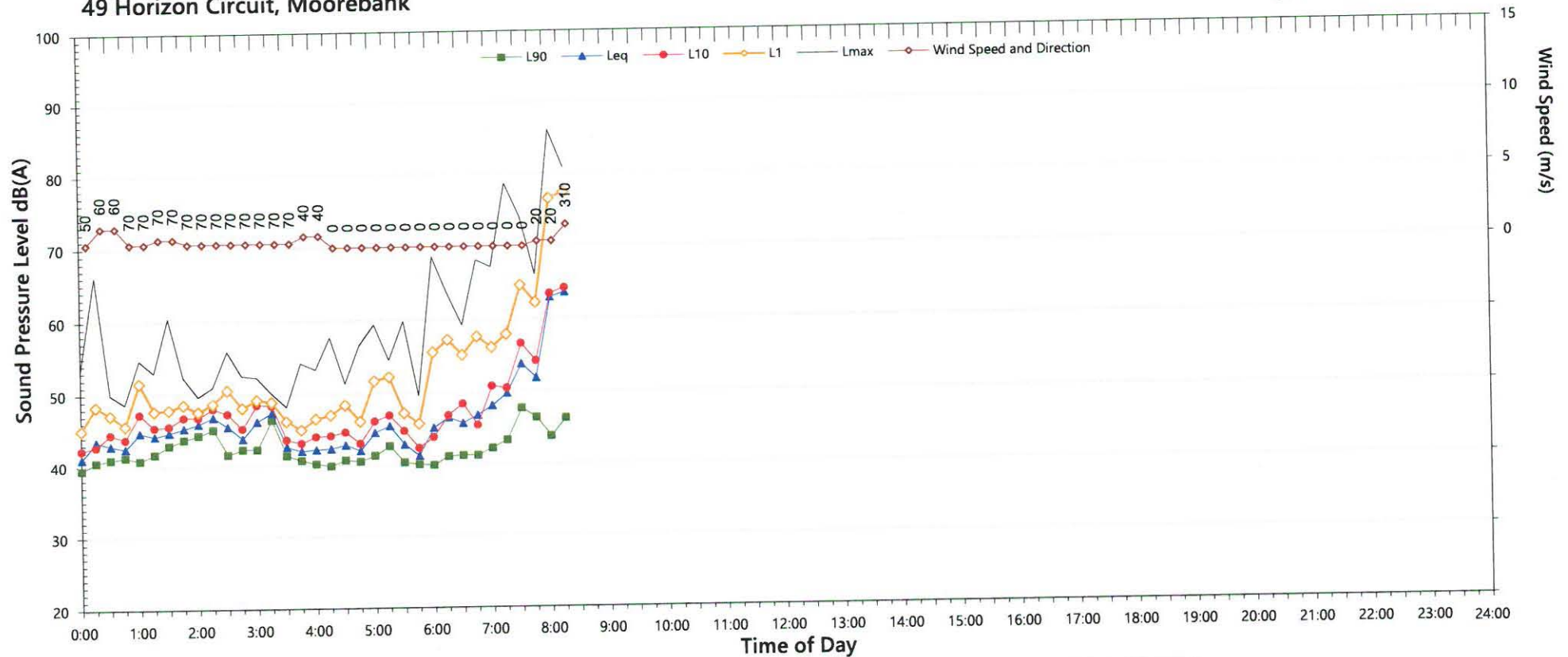
TH925- 49 Horizon Circuit Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

49 Horizon Circuit, Moorebank

Thursday, 25 February 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
- 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	62.3	-
L _{eq} 1hr upper 10 percentile	66.1	-
L _{eq} 1hr lower 10 percentile	60.4	-

Data File: _123_Rpt_Report.txt

TH925- 49 Horizon Circuit Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

110 Travers Street, Moorebank

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
Monday-22-February-2016	-	42.4	40.6	-	50.9	49.0
Tuesday-23-February-2016	46.0	44.6	41.4	56.2	58.1	49.0
Wednesday-24-February-2016	44.5	44.3	41.1	55.4	53.2	48.6
Thursday-25-February-2016	42.8	43.1	42.4	55.8	51.5	49.6
Friday-26-February-2016	47.1	41.9	39.2	61.4	51.8	47.7
Saturday-27-February-2016	43.2	41.2	38.1	55.0	52.7	48.7
Sunday-28-February-2016	38.9	41.2	41.0	51.9	50.7	52.0
Monday-29-February-2016	-	-	-	-	-	-
Representative Weekday ⁵	45.3	43.1	41.1	58.0	54.1	48.8
Representative Weekend ⁵	41.0	41.2	39.6	53.7	51.8	50.7
Representative Week ⁵	43.9	42.4	41.0	57.0	53.5	49.4

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}

110 Travers Street, Moorebank

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
Monday-22-February-2016	54.3	51.5	57.6	51.8	54.3	46.2
Tuesday-23-February-2016	59.3	51.5	63.6	55.9	53.5	47.2
Wednesday-24-February-2016	57.4	51.1	60.2	53.5	56.3	47.0
Thursday-25-February-2016	57.5	52.1	62.8	52.2	57.7	47.8
Friday-26-February-2016	62.7	50.2	69.2	53.3	53.5	46.5
Saturday-27-February-2016	57.0	51.5	60.9	51.3	55.3	43.9
Sunday-28-February-2016	53.8	54.5	56.4	49.5	60.2	46.1
Monday-29-February-2016	58.4	-	61.5	55.7	-	-
Representative Weekday ³	59.0	51.3	64.1	54.0	55.4	47.0
Representative Weekend ³	55.7	53.3	59.2	50.5	58.4	45.1
Representative Week ³	58.4	52.0	63.3	53.4	56.5	46.5

Notes:

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

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

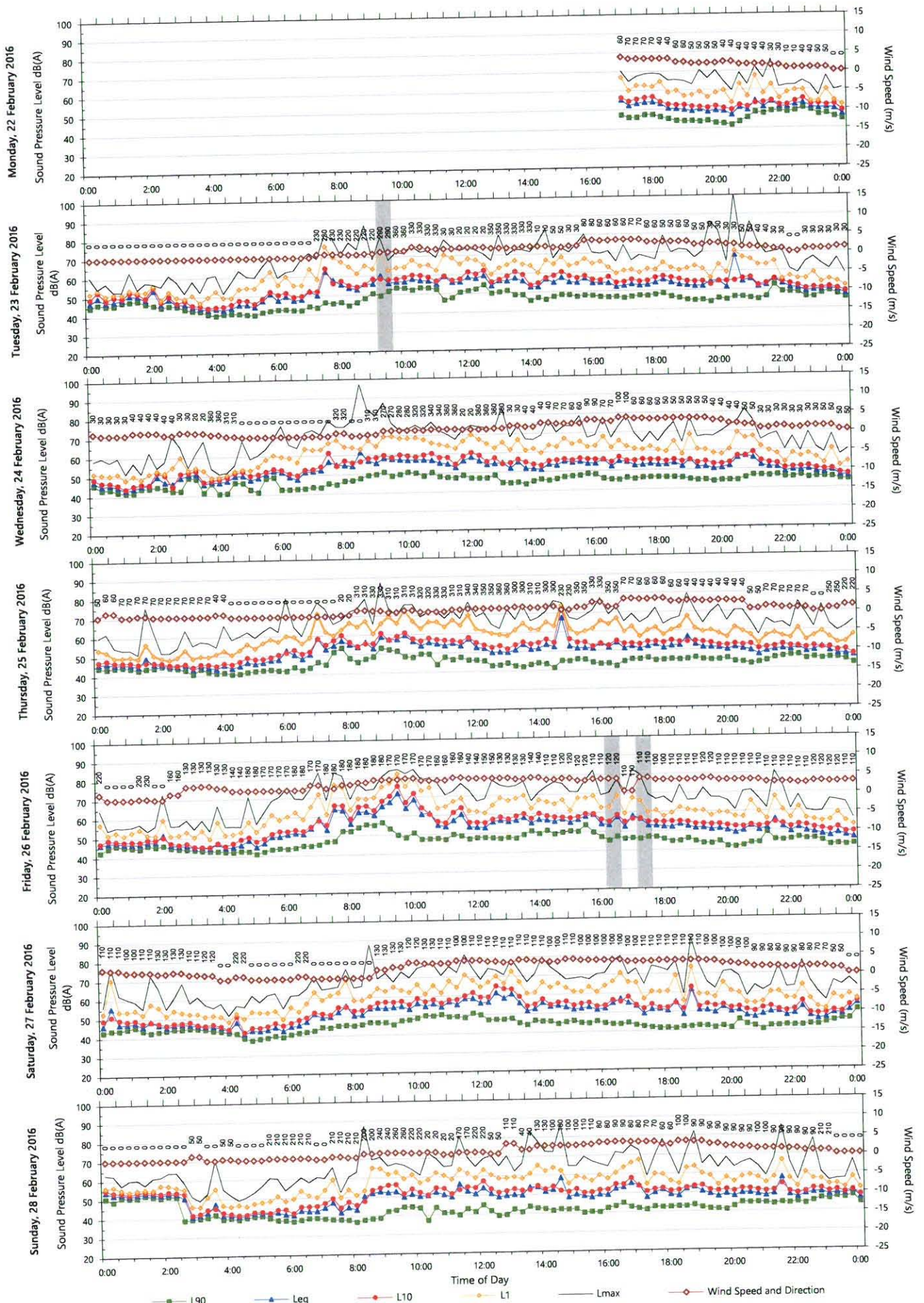
3. Logarithmic average of daily L_{Aeq}

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

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

Unattended Monitoring Results

Location: 110 Travers Street, Moorebank

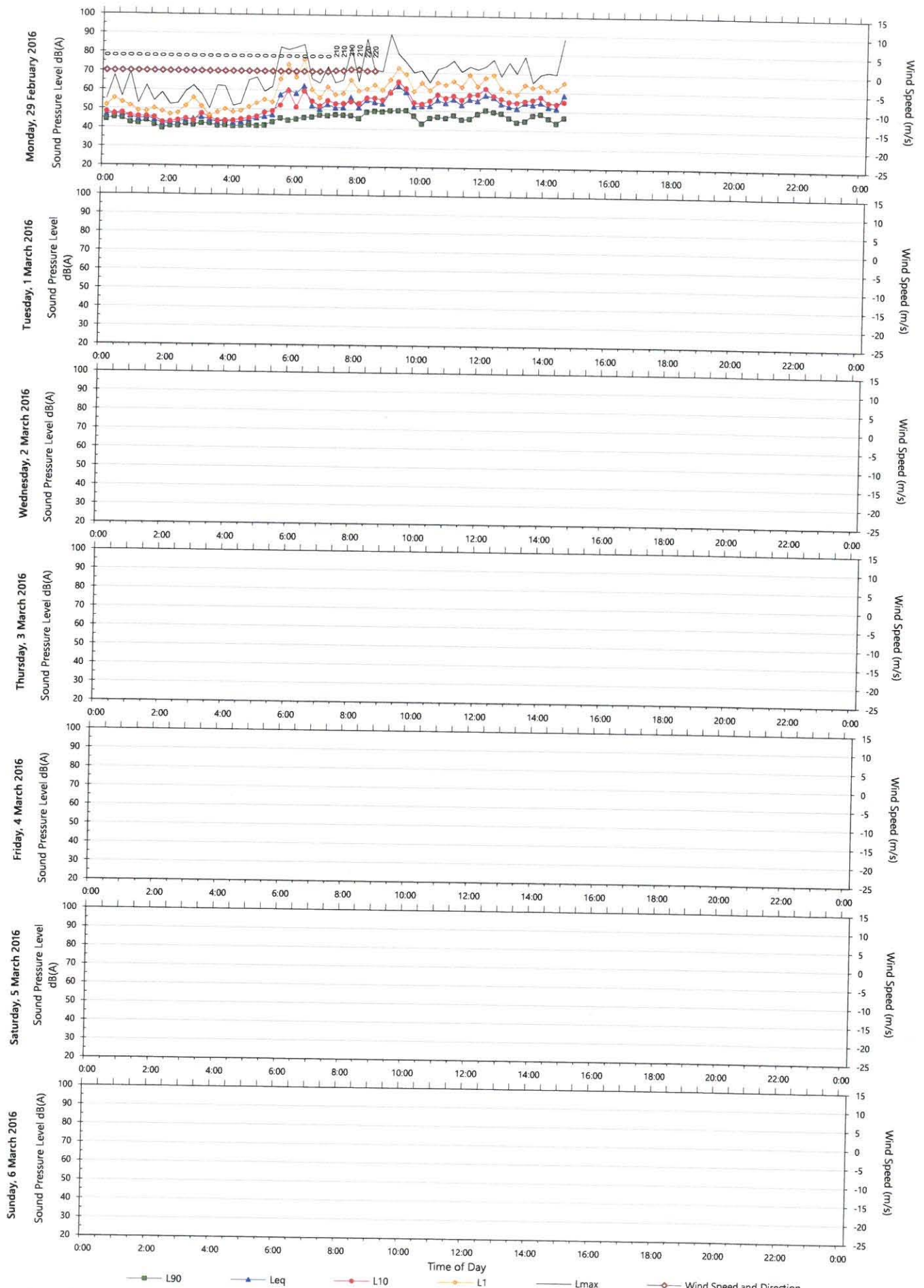


Data File: 2016-02-22_SLM_000_123_Rpt_Report.txt

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

Unattended Monitoring Results

Location: 110 Travers Street, Moorebank



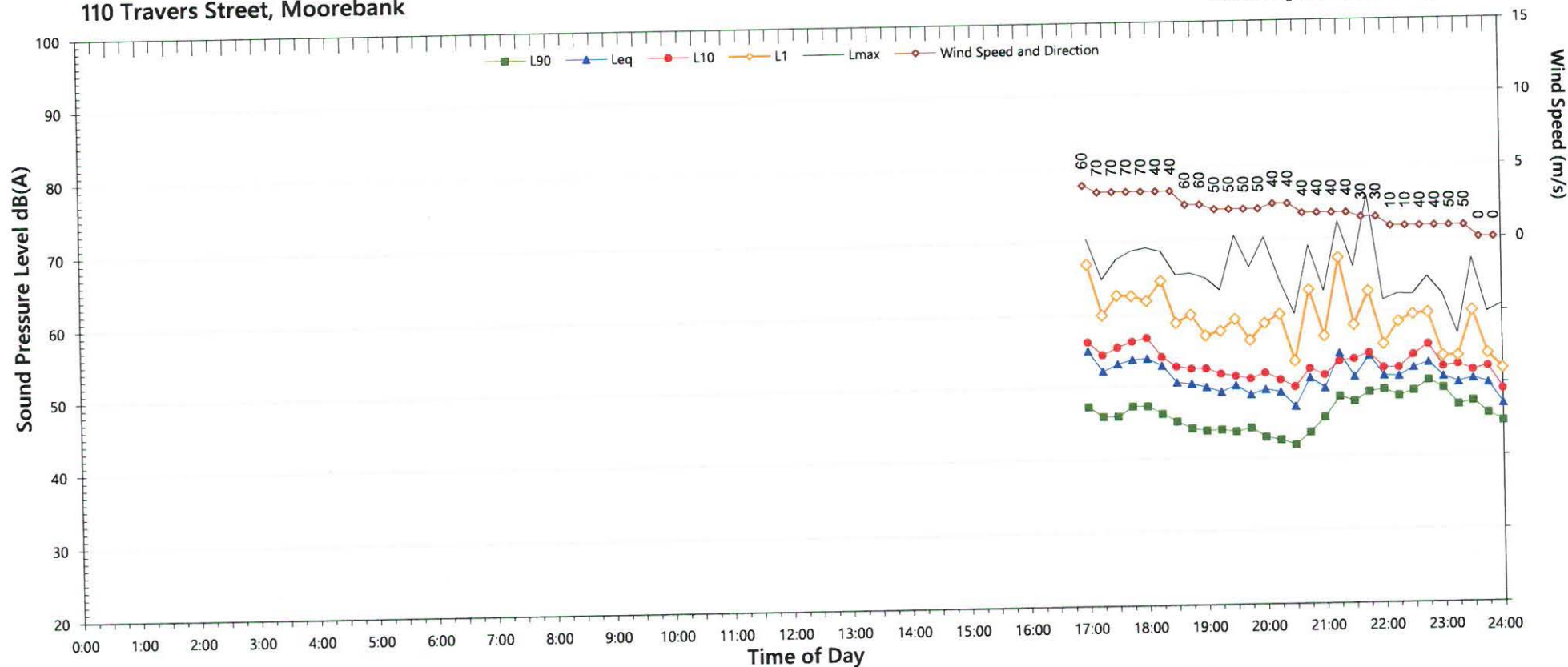
Data File: 2016-02-22_SLM_000_123_Rpt_Report.txt

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

Unattended Noise Monitoring Results

110 Travers Street, Moorebank

Monday, 22 February 2016



NSW Industrial Noise Policy (Free Field)			
Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	-	42.4	40.6
L _{Aeq}	-	50.9	49.0

Night Time Maximum Noise Levels		(see note 7)	
L _{Max} (Range)	67.1	to	72.5
L _{Max} - L _{eq} (Range)	17.5	to	22.7

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	54.3	51.5
L _{eq} 1hr upper 10 percentile	57.6	54.3
L _{eq} 1hr lower 10 percentile	51.8	46.2

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
- 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: 2016-02-22_SLM_000_123_Rpt_Report.txt

TH925- 110 Travers Street Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

110 Travers Street, Moorebank

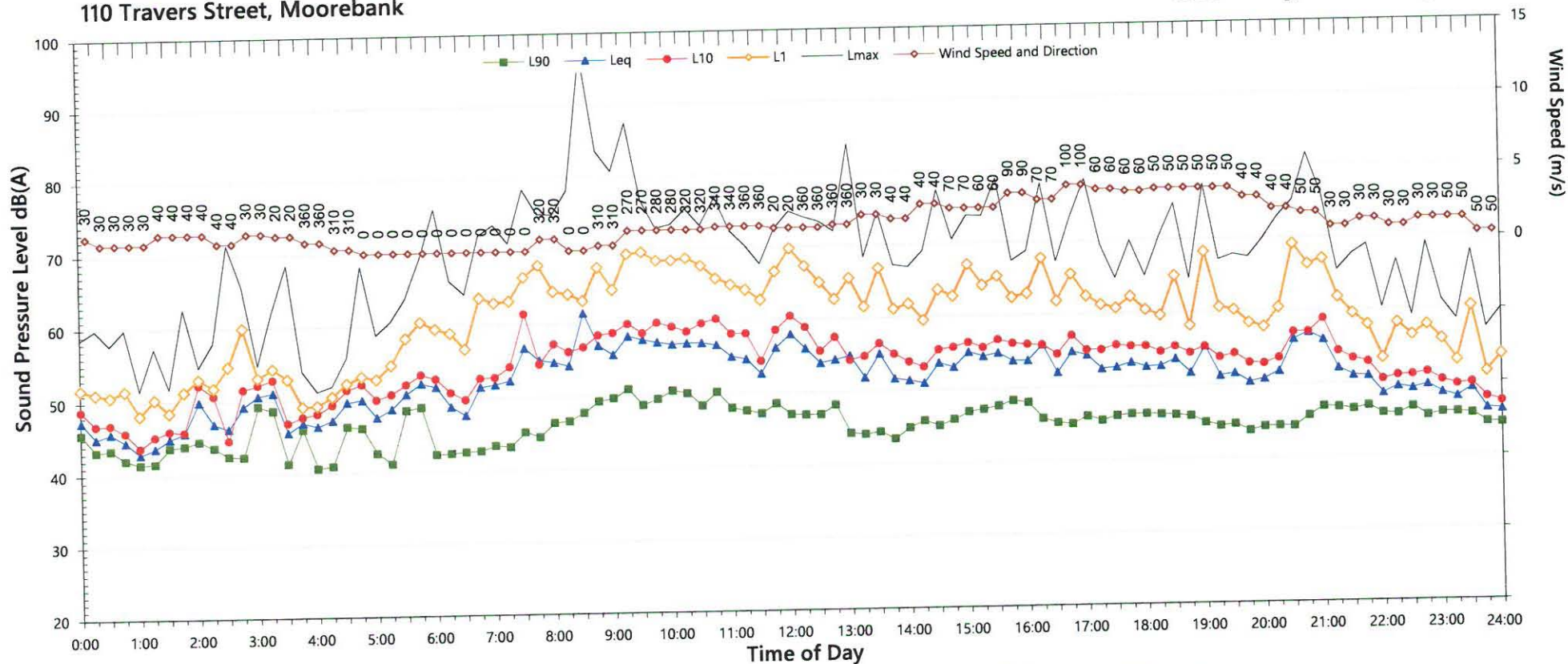
Night Time Maximum Noise Levels			(see note 7)
L_{Max} (Range)	66.4	to	75.9
$L_{Max} - L_{eq}$ (Range)	15.2	to	24.9

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

Unattended Noise Monitoring Results

110 Travers Street, Moorebank

Wednesday, 24 February 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	44.5	44.3	41.1
L _{Aeq}	55.4	53.2	48.6

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	66.1	to	79.8
L _{Max} - L _{eq} (Range)	16.1	to	30.6

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

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	57.4	51.1
L _{eq} 1hr upper 10 percentile	60.2	56.3
L _{eq} 1hr lower 10 percentile	53.5	47.0

TH925- 110 Travers Street Logger Graphs (r0)

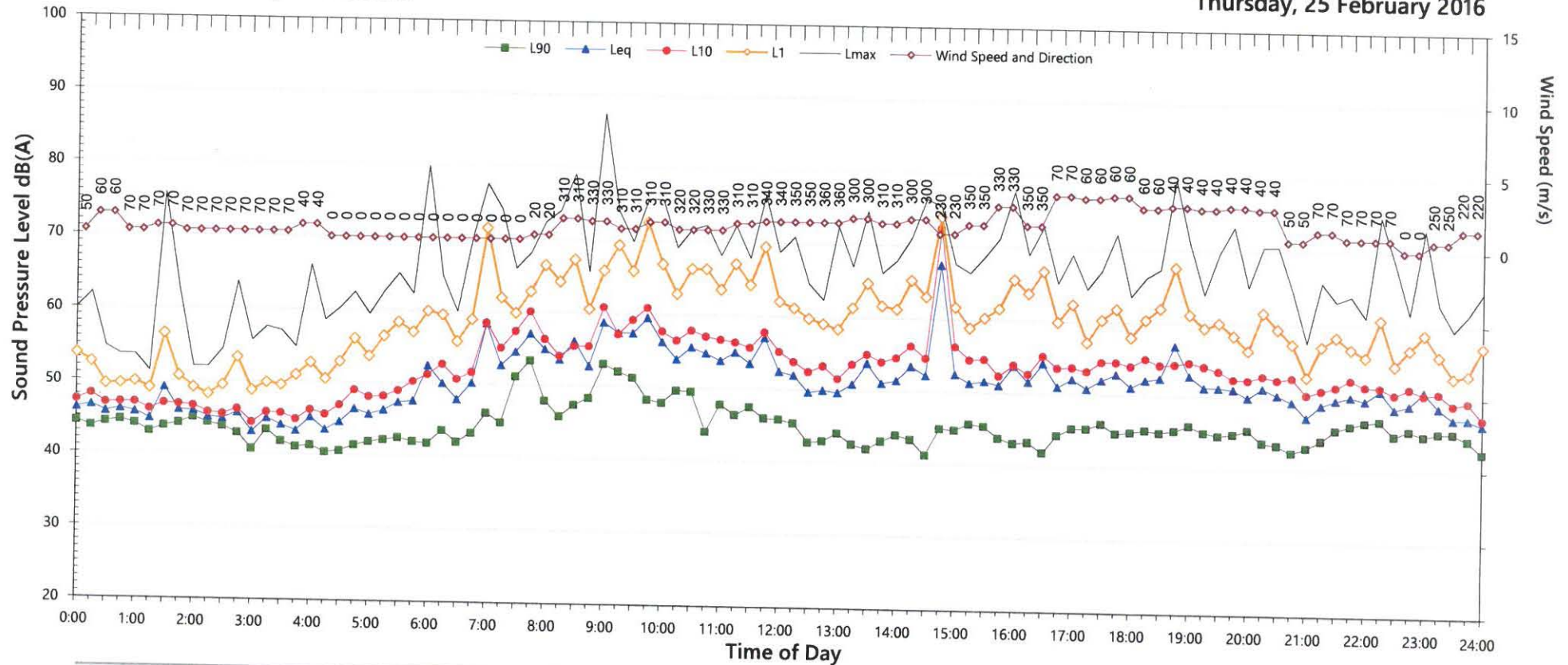
Data File: 2016-02-22_SLM_000_123_Rpt_Report.txt

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

110 Travers Street, Moorebank

Thursday, 25 February 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	42.8	43.1	42.4
L _{Aeq}	55.8	51.5	49.6

Night Time Maximum Noise Levels

(see note 7)

L _{Max} (Range)	66.5	to	83.4
L _{Max} - L _{eq} (Range)	17.1	to	28.2

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	57.5	52.1
L _{eq} 1hr upper 10 percentile	62.8	57.7
L _{eq} 1hr lower 10 percentile	52.2	47.8

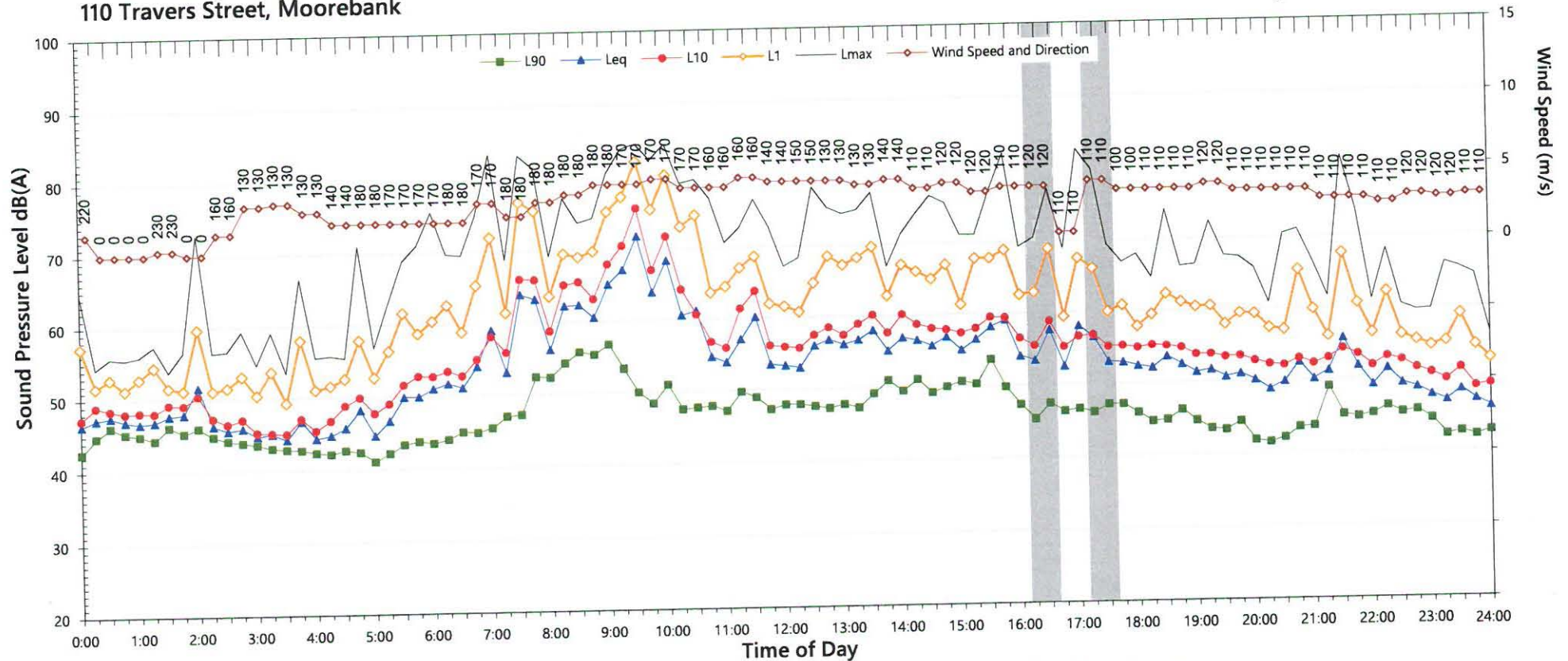
2. "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days

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

Unattended Noise Monitoring Results

110 Travers Street, Moorebank

Friday, 26 February 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	47.1	41.9	39.2
L _{Aeq}	61.4	51.8	47.7

Night Time Maximum Noise Levels

(see note 7)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L _{Max} (Range)	66.2	to	77.3
L _{Max} - L _{eq} (Range)	17.3	to	26.3

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	62.7	50.2
L _{eq} 1hr upper 10 percentile	69.2	53.5
L _{eq} 1hr lower 10 percentile	53.3	46.5

Data File: 2016-02-22_SLM_000_123_Rpt_Report.txt

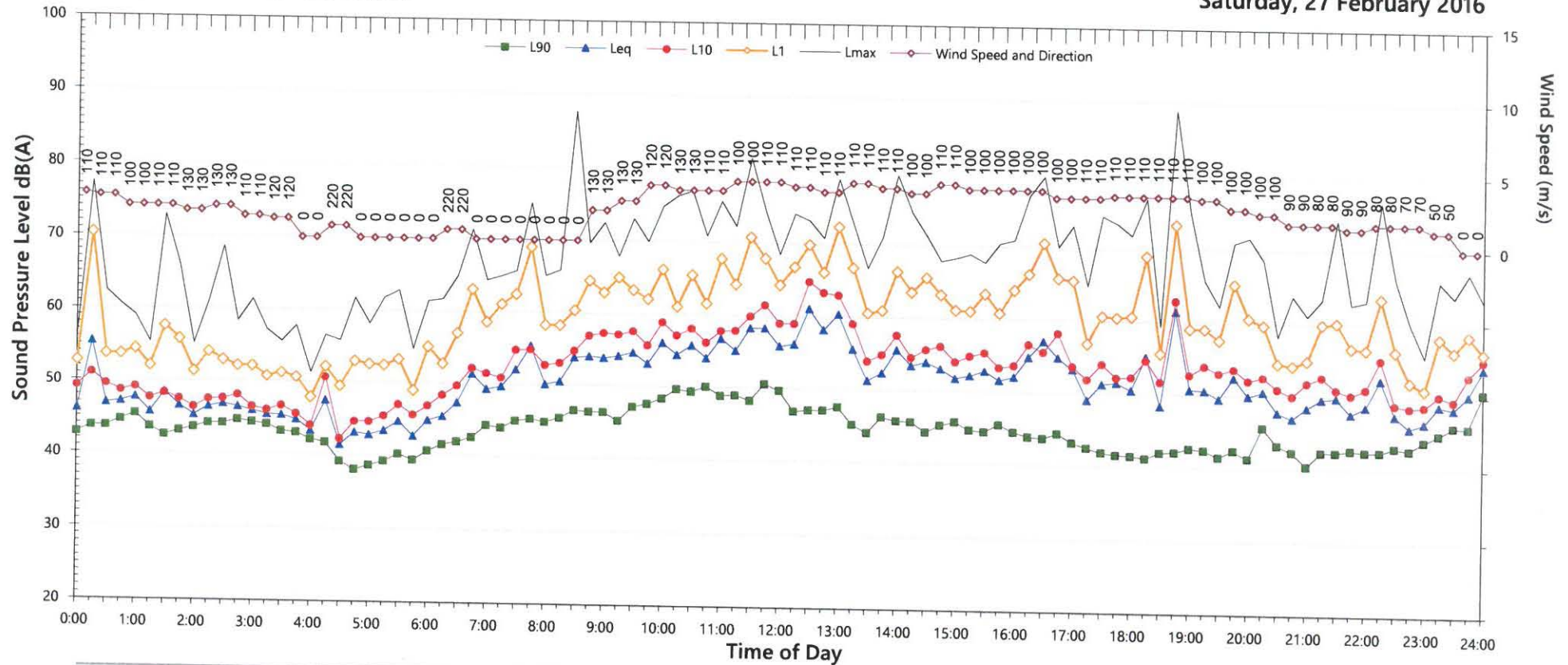
TH925- 110 Travers Street Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

110 Travers Street, Moorebank

Saturday, 27 February 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	43.2	41.2	38.1
LA _{eq}	55.0	52.7	48.7

Night Time Maximum Noise Levels

(see note 7)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L _{Max} (Range)	67.0	to	76.6
L _{Max} - L _{eq} (Range)	15.1	to	27.8

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	57.0	51.5
L _{eq} 1hr upper 10 percentile	60.9	55.3
L _{eq} 1hr lower 10 percentile	51.3	43.9

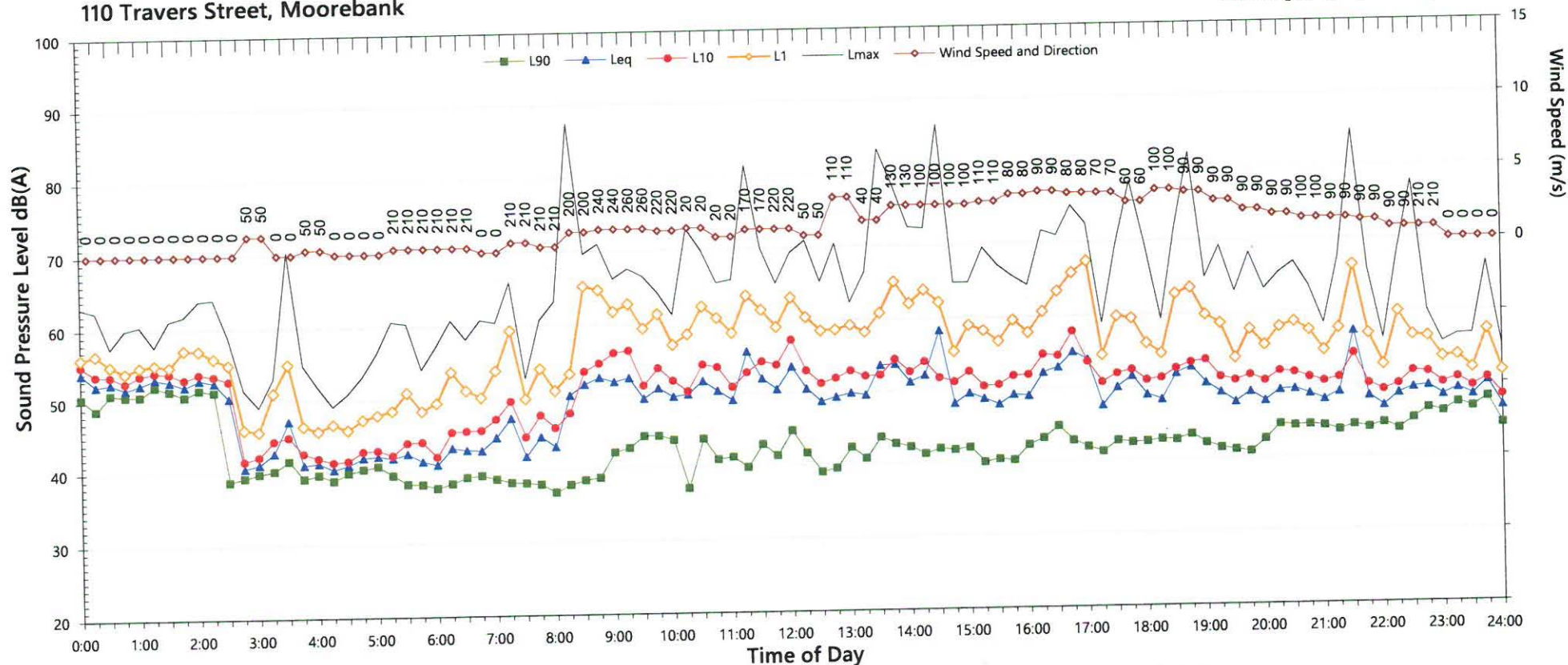
2. "Day" is the period from 8am till 6pm on Sundays and 7am till 6pm on other days

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

Unattended Noise Monitoring Results

110 Travers Street, Moorebank

Sunday, 28 February 2016



NSW Industrial Noise Policy (Free Field)			
Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	38.9	41.2	41.0
L _{Aeq}	51.9	50.7	52.0

Night Time Maximum Noise Levels		(see note 7)	
L _{Max} (Range)	66.6	to	84.4
L _{Max} - L _{eq} (Range)	17.7	to	28.7

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	53.8	54.5
L _{eq} 1hr upper 10 percentile	56.4	60.2
L _{eq} 1hr lower 10 percentile	49.5	46.1

Data File: 2016-02-22_SLM_000_123_Rpt_Report.txt

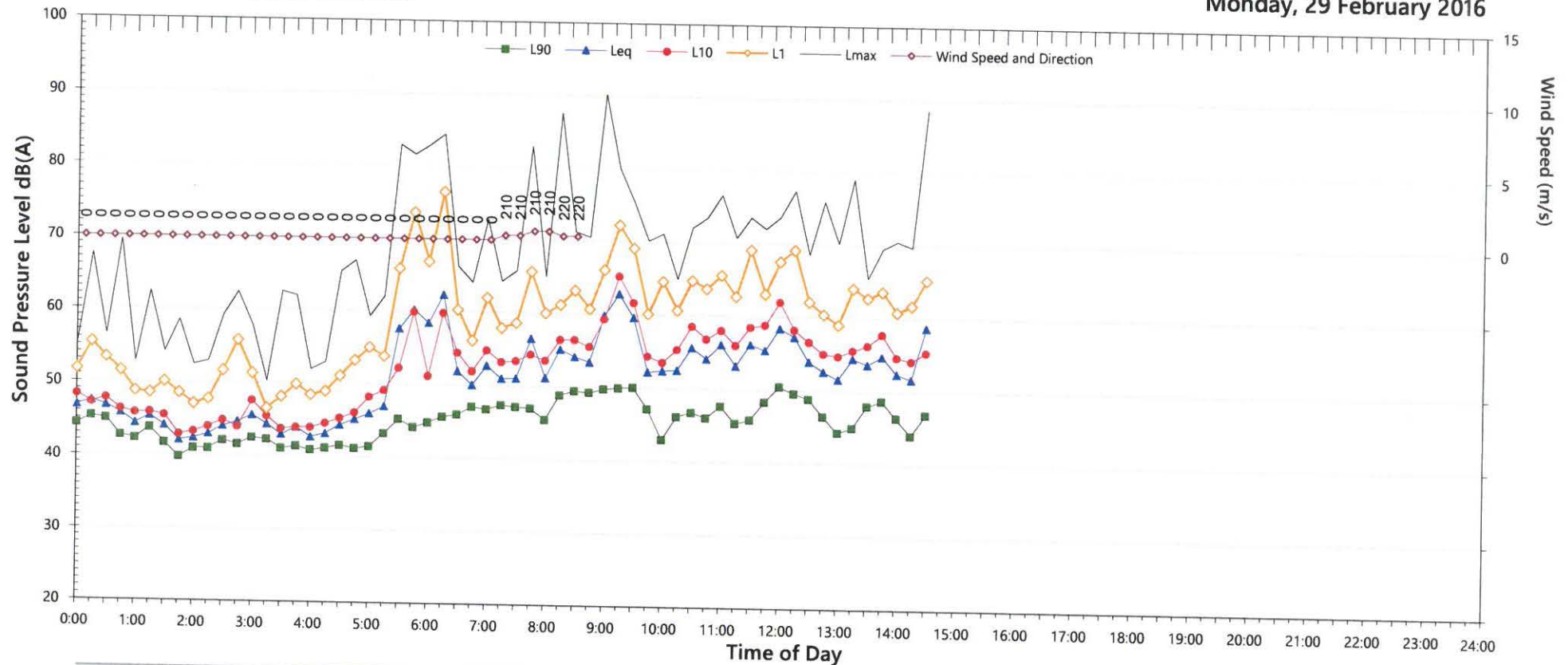
TH925- 110 Travers Street Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

Unattended Noise Monitoring Results

110 Travers Street, Moorebank

Monday, 29 February 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	58.4	-
L _{eq} 1hr upper 10 percentile	61.5	-
L _{eq} 1hr lower 10 percentile	55.7	-

Data File: 2016-02-22_SLM_000_123_Rpt_Report.txt

TH925- 110 Travers Street Logger Graphs (r0)

QTE-26 (rev 5) Logger Graphs Program

M8 110 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	45.0	-	-	54.4	-	-
Wednesday-22-June-2016	43.8	-	-	55.6	-	-
Thursday-23-June-2016	52.6	-	-	61.8	-	-
Friday-24-June-2016	-	-	-	-	-	-
Saturday-25-June-2016	46.0	-	-	63.3	-	-
Sunday-26-June-2016	-	-	-	-	-	-
Monday-27-June-2016	-	-	-	-	-	-
Representative Weekday ⁵	45.0	-	-	58.5	-	-
Representative Weekend ⁵	46.0	-	-	63.3	-	-
Representative Week ⁵	45.5	-	-	60.3	-	-

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}

M8 110 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	56.9	-	61.6	54.9	-	-
Wednesday-22-June-2016	59.1	-	68.0	53.9	-	-
Thursday-23-June-2016	64.2	-	65.4	61.9	-	-
Friday-24-June-2016	-	-	-	-	-	-
Saturday-25-June-2016	65.8	-	70.3	54.4	-	-
Sunday-26-June-2016	-	-	-	-	-	-
Monday-27-June-2016	-	-	-	-	-	-
Representative Weekday ³	61.2	-	65.8	58.5	-	-
Representative Weekend ³	65.8	-	70.3	54.4	-	-
Representative Week ³	62.9	-	67.4	57.8	-	-

Notes:

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

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

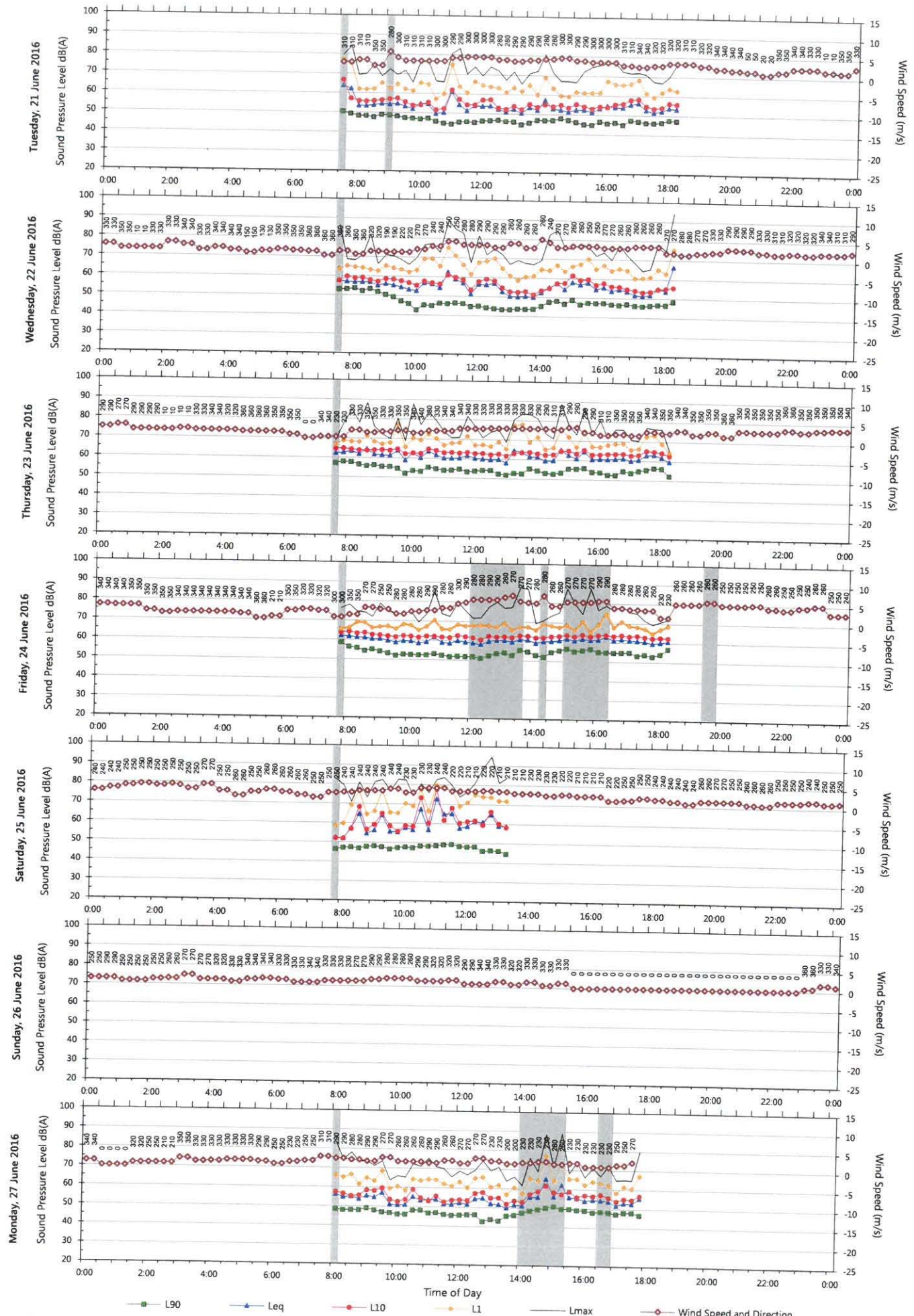
3. Logarithmic average of daily L_{Aeq}

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

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

Unattended Monitoring Results

Location: M8 110 Travers Street



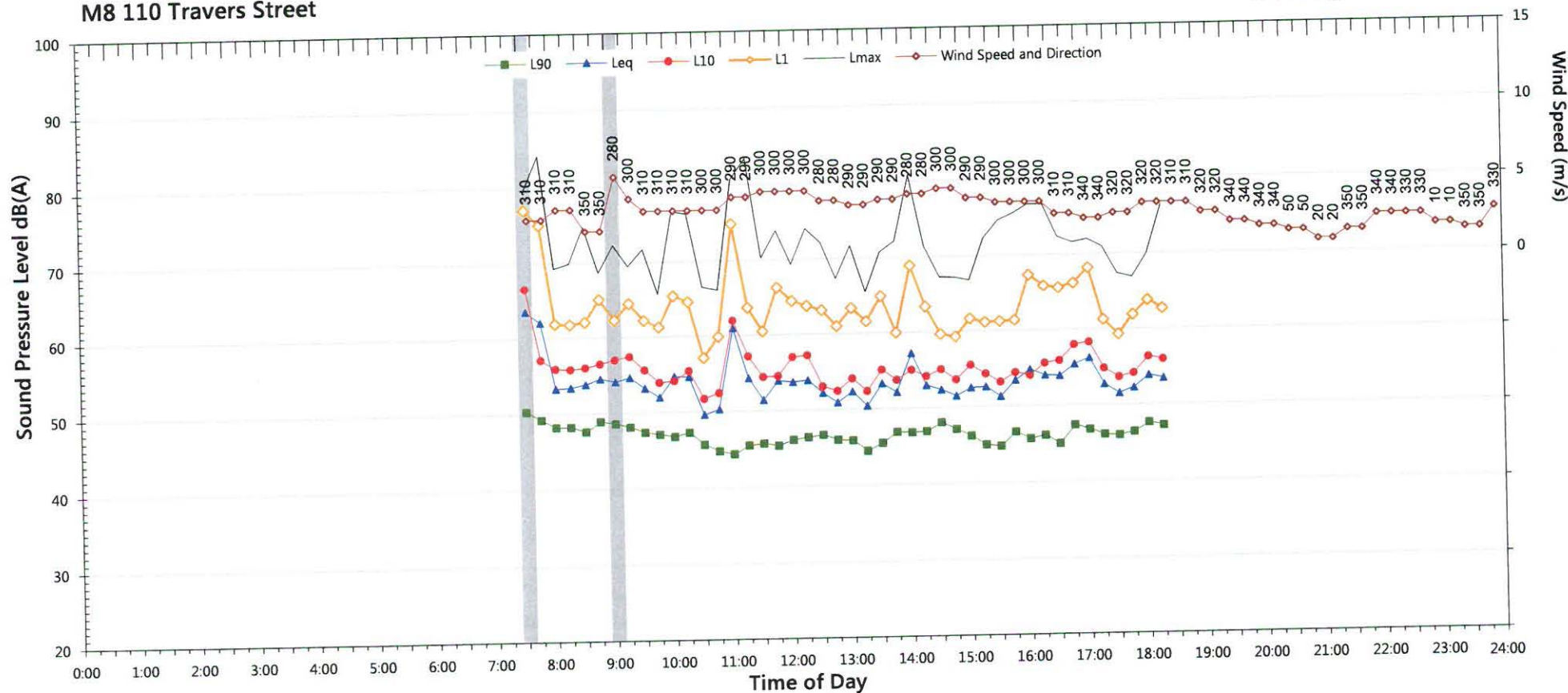
Data File: Various

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

Unattended Noise Monitoring Results

M8 110 Travers Street

Tuesday, 21 June 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	45.0	-	-
L _{Aeq}	54.4	-	-

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	56.9	-
L _{eq} 1hr upper 10 percentile	61.6	-
L _{eq} 1hr lower 10 percentile	54.9	-

Data File: Various

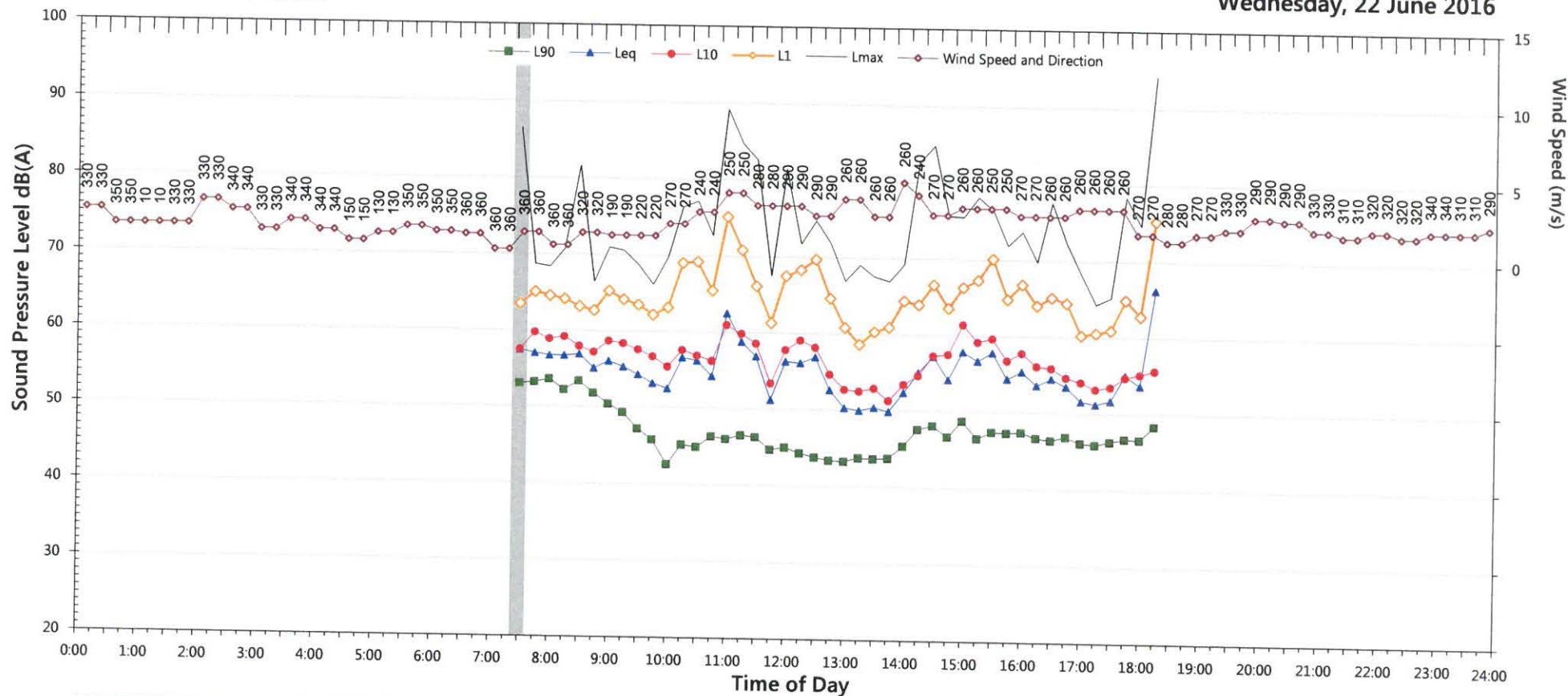
TH925 - M8 110 Travers street combined(r3)

QTE-26 (rev 11) Logger Graphs Program

Unattended Noise Monitoring Results

M8 110 Travers Street

Wednesday, 22 June 2016



NSW Industrial Noise Policy (Free Field)

Descriptor	Day ²	Evening ³	Night ^{4,5}
L ₉₀	43.8	-	-
L _{Aeq}	55.6	-	-

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.

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	59.1	-
L _{eq} 1hr upper 10 percentile	68.0	-
L _{eq} 1hr lower 10 percentile	53.9	-

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 - M8 110 Travers street combined(r3)

QTE-26 (rev 11) Logger Graphs Program