

TANGARATTA STOCKFEEDS PTY LIMITED
771 WALLAMORE ROAD, WALLAMORE NSW 2340
EPL 2775

NOISE COMPLIANCE MONITORING FEBRUARY 2017

Report received: 1 March 2017

Attended monitoring: 14-18 February 2017

Licence Condition L2.1

Noise generated from the premises must not exceed the noise limits in the table below.

Locality and Location	Day LAeq (15 min)	Evening LAeq (15 min)	Night LAeq (15 min)	Night LA1 (1 min)
Location 1: Nearest affected residence known as "Rosebank" located at Lot 22 in DP.733610 on Wallamore Road, Tamworth	38	37	35	45
Location 2: Any other affected residence	38	37	35	45

Site Plan



Licence Condition M4.1

Compliance outlined above

Table 1: Measured Noise Levels February 2017

Time	Date	L1	L90	Leq	Audible Noise
DAY					
14:00	14/02/17	54.0	36.7	43.8	4,6,12,1
Tangaratta L90 = 35.7		Tangaratta Leq = <38 #		Tangaratta L1 = N/A	
11:45	15/02/17	54.1	35.8	44.0	6,12,1,9
Tangaratta L90 = <36		Tangaratta Leq = <38 #		Tangaratta L1 = N/A	
12:45	16/02/17	57.5	36.1	51.1	7,4,12,6,1
Tangaratta L90 = <35		Tangaratta Leq = 37		Tangaratta L1 = N/A	
EVENING					
19:15	14/02/17	66.2	33.4	50.8	7,6,10,3
Tangaratta L90 = 34		Tangaratta Leq = 37		Tangaratta L1 = N/A	
18:45	15/02/17	58.3	35.2	45.8	6,9,1
Tangaratta L90 = 35		Tangaratta Leq = 36		Tangaratta L1 = N/A	
20:30	16/02/17	55.7	35.1	45.1	6,4,1,10
Tangaratta L90 = 35		Tangaratta Leq = 37.0		Tangaratta L1 = N/A	
NIGHT					
02:00	15/02/17	53.5	33.9	40.5	6,9,2,1
Tangaratta L90 = 34		Tangaratta Leq = 35.0		Tangaratta L1 = <45	
01:00	16/02/17	50.8	34.6	40.8	2,11,7
Tangaratta L90 = <34		Tangaratta Leq = 34		Tangaratta L1 = <45	
00:15	17/02/17	51.6	35.5	38.7	15,8,7,2
Tangaratta L90 = 34		Tangaratta Leq = 35.5		Tangaratta L1 = <45	

Criteria: Day = 38dB(A),Leq (15min), Evening = 37dB(A),Leq (15min), Night = 35dB(A),Leq (15min) & 45dB(A),L1 (15min), # Difficult to confirm due to extraneous noise contributions.

Legend of Noise sources:

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|-----------------------|-----------------------|-------------------------------|
| 1. Tangaratta mill | 2. Insect, frogs, etc | 3. Truck leaving rear of mill |
| 4. Birds | 5. Truck mill road | 6. Cars Wallamore Rd |
| 7. Truck Wallamore Rd | 8. Irrigation pump | 9. Activities at dairy |
| 10. Farm activities | 11. Livestock | 12. Rosebank mill |
| 13. Aeroplane | 14. Dog barking | 15. Wind on mic |

DISCUSSION AND CONCLUSION

Results of our attended noise surveys confirm that noise emissions from the Tangaratta site are compliant with the criteria during the evening and night at the Rosebank residence. Only estimates of noise contributions from the Tangaratta site were possible during the day, as the mill at the rear of the Rosebank residence dominated the acoustic environment. In saying this, our observations do confirm that the Tangaratta plant was operating below the criteria during the day.