

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

NOISE COMPLIANCE MONITORING AUGUST 2016

Report received: 1 September 2016

Attended monitoring: 27, 28 & 29 August 2016

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 August 2016

Time	Date	L1	L90	Leq	Audible Noise
DAY					
16:00	27/08/16	59.3	37.0	46.2	4,6,11,14,1
Tangaratta L90 = 36.5		Tangaratta Leq = <38 #		Tangaratta L1 = N/A	
10:00	28/08/16	50.2	34.5	39.7	7,4,6,12,1
Tangaratta L90 = 34.5		Tangaratta Leq = <38 #		Tangaratta L1 = N/A	
12:00	29/08/16	54.9	33.5	41.9	7,4,6,1
Tangaratta L90 = 33.5		Tangaratta Leq = <38 #		Tangaratta L1 = N/A	
EVENING					
20:30	27/08/16	52.8	35.6	39.7	6,10,1
Tangaratta L90 = 35.4		Tangaratta Leq = 36.3		Tangaratta L1 = N/A	
19:00	28/08/16	57.1	35.7	44.5	7,6,4,1
Tangaratta L90 = 34.6		Tangaratta Leq = 35.7		Tangaratta L1 = N/A	
18:45	29/08/16	48.2	36.0	38.5	6,1,11
Tangaratta L90 = 35.7		Tangaratta Leq = 37.0		Tangaratta L1 = N/A	
NIGHT					
23:00	27/08/16	54.0	37.3	41.8	1,11
Tangaratta L90 = 34.4		Tangaratta Leq = 35.0		Tangaratta L1 = <45	
03:15	28/08/16	38.5	33.6	36.4	1,9
Tangaratta L90 = 33.6		Tangaratta Leq = 35.2		Tangaratta L1 = <45	
04:00	29/08/16	49.2	36.0	39.3	6,1,11,9
Tangaratta L90 = 34.8		Tangaratta Leq = 35.1		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:

- | | | |
|-----------------------|-----------------------|-------------------------------|
| 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. Accurate results during the day were difficult to obtain due to the high incidence of extraneous noise (i.e. birds), although observations and measured L90 noise levels do imply that the Leq day noise levels from the plant are also compliant during this period.