

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

NOISE COMPLIANCE MONITORING MARCH 2018

Report received: 20 March 2018

Attended monitoring: 15-17 March 2018

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 March 2018

Time	Date	L1	L90	Leq	Audible Noise
DAY					
14:00	15/03/18	72.7	38.2	52.9	18,17,8,7,13,1
Tangaratta L90 = <35		Tangaratta Leq = <38 #		Tangaratta L1 = N/A	
09:45	16/03/18	53.0	37.1	43.6	18,7,5,13,1
Tangaratta L90 = <37		Tangaratta Leq = <38 #		Tangaratta L1 = N/A	
10:45	17/03/18	50.4	36.7	41.1	5,7,13,1
Tangaratta L90 = <36		Tangaratta Leq = 37		Tangaratta L1 = N/A	
EVENING					
19:00	15/03/18	57.1	36.4	51.9	7,3,1
Tangaratta L90 = 36		Tangaratta Leq = 37		Tangaratta L1 = N/A	
21:15	16/03/18	46.4	36.4	39.1	6,2,1
Tangaratta L90 = 36		Tangaratta Leq = 37		Tangaratta L1 = N/A	
19:30	17/03/18	52.5	34.7	42.2	7,6,1,2
Tangaratta L90 = 35		Tangaratta Leq = 37.0		Tangaratta L1 = N/A	
NIGHT					
03:15	16/03/18	58.6	35.9	45.0	12,2,1
Tangaratta L90 = 35		Tangaratta Leq = 35.9		Tangaratta L1 = <45	
02:15	17/03/18	38.2	34.4	37.0	2,1
Tangaratta L90 = <34		Tangaratta Leq = 35		Tangaratta L1 = <45	
01:45	18/03/18	36.9	34.4	35.3	9,2,1
Tangaratta L90 = 34		Tangaratta Leq = 34.9		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 from industry on Rosebank property running continuously.

Legend of Noise sources:

- | | | |
|-------------------------|-----------------------|-------------------------------|
| 1. Tangaratta mill | 2. Insect, frogs, etc | 3. Truck leaving rear of mill |
| 4. Augers rear mill | 5. Birds | 6. Truck mill road |
| 7. Cars Wallamore Rd | 8. Truck Wallamore Rd | 9. Irrigation Pump |
| 10. Activities at dairy | 11. Farm activities | 12. Livestock |
| 13. Rosebank mill | 14. Aeroplane | 15. Dog barking |
| 16. Wind on mic | 17. Cars at Rosebank | 18. Truck at Rosebank |

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, with the exception of a minor 0.9dB(A) exceedance at night on 16/03/2018. Section 11.1.3 of the EPA's INP considers a non-compliance to occur when "the monitored noise level is more than 2dB above the statutory noise limit specified in the consent or licence condition". Given that the night exceedance is only 0.9dB(A) above the specified limit, compliance is implied. Only estimates of noise contributions from the Tangaratta site were possible during the day at times, as truck movements and 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.