

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

NOISE COMPLIANCE MONITORING March 2020

Report received: 3rd April 2020

Attended monitoring: 22nd – 25th March 2020

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 2020

Time	Date	L1	L90	Leq	Audible Noise
DAY					
15:00	22/03/20	68.0	38.5	63.5	5,8,7,3,6,17,1
Tangaratta L90 = <38		Tangaratta Leq = <38 #		Tangaratta L1 = N/A	
08:15	23/03/20	78.5	41.5	71.0	5,8,18,3,19,1
Tangaratta L90 = <36 #		Tangaratta Leq = <38 #		Tangaratta L1 = N/A	
10:30	24/03/20	69.5	37.5	66.0	5,8,23,11,1
Tangaratta L90 = <38 #		Tangaratta Leq = <38 #		Tangaratta L1 = N/A	
EVENING					
19:50	22/03/20	66.0	36.0	62.0	7,5,11,1
Tangaratta L90 = 36		Tangaratta Leq = 37		Tangaratta L1 = N/A	
20:30	23/03/20	61.5	37.5	54.0	7,3,12,10,6,2,1
Tangaratta L90 = 35		Tangaratta Leq = 38		Tangaratta L1 = N/A	
21:00	24/03/20	70.0	35.5	52.5	8,7,23,10,1
Tangaratta L90 = 36		Tangaratta Leq = 36		Tangaratta L1 = N/A	
NIGHT					
01:30	23/03/20	61.0	35.0	36.5	7,2,1
Tangaratta L90 = 34		Tangaratta Leq = 36		Tangaratta L1 = <45	
00:15	24/03/20	48.5	33.5	34.0	1,2
Tangaratta L90 = 34		Tangaratta Leq = 34		Tangaratta L1 = <45	
03:15	25/03/20	41.0	34.7	35.0	1,2,10,12
Tangaratta L90 = 35		Tangaratta Leq = 35		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 birds, etc.

Legend of Noise sources (See Tables):

- | | |
|----------------------------------------|----------------------------------------------|
| 1. Tangaratta mill | 2. Insect, frogs, crickets, etc |
| 3. Truck Tangaratta mill | 4. Augers rear Tangaratta mill |
| 5. Birds | 6. Truck Tangaratta mill road |
| 7. Car Wallamore Rd | 8. Truck Wallamore Rd |
| 9. Irrigation pump | 10. Activities at dairy |
| 11. Farm activities | 12. Livestock |
| 13. Rosebank mill | 14. Aeroplane |
| 15. Tractor, vehicle in nearby paddock | 16. Wind on mic |
| 17. Cars at Rosebank | 18. Truck at Rosebank |
| 19. Reverse beeps Tangaratta | 20. Event adjacent microphone (unidentified) |
| 21. Motorbike Wallamore Rd | 22. Helicopter |
| 23. Dog barking | 24. Car/start engine adjacent to logger. |
| 25. Distant cars Oxley Highway | |

DISCUSSION AND CONCLUSION

Results of our attended noise surveys confirm that noise emissions from the Tangaratta site are compliant with the criteria during all time periods at the Rosebank residence. Minor exceedances of 1db(A) were recorded during the evening and night on 23/03/20, however, compliance is implied, given the monitoring location is 40-50 metres closer to noise sources at the Tangaratta site than the Rosebank residence.

It should be acknowledged that the 3 month night truck trial at the Tangaratta feedmill had ceased prior to our March surveys.

Only estimates of noise contributions from the Tangaratta site were possible during the day at times, as birds and other extraneous noises dominated the acoustic environment. In saying this, our observations and subjective assessment do confirm that the Tangaratta plant was operating below the criteria during the day