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

NOISE COMPLIANCE MONITORING September 2024

Report received: 14th October 2024
Attended monitoring: 23rd September – 26th September 2024
Licence Condition L3.1
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 September 2024

Time	Date	L1	L90	Leq	Audible Noise
DAY					
16:00	23/09/24	55.0	36.4	44.5	5,8,7,12,1
Tangaratta L90 = <36#		Tangaratta Leq = <38 #		Tangaratta L1 = N/A	
08:15	24/09/24	52.9	36.1	42.3	13,5,8,7,1
Tangaratta L90 = <36#		Tangaratta Leq = <38#		Tangaratta L1 = N/A	
07:30	25/09/24	59.1	37.5	49.8	8,5,7,13,1
Tangaratta L90 = <37#		Tangaratta Leq = <38#		Tangaratta L1 = N/A	
EVENING					
21:15	23/09/24	51.8	34.3	39.6	7,14,2,1
Tangaratta L90 = <34		Tangaratta Leq = 36		Tangaratta L1 = N/A	
19:30	24/09/24	49.9	34.9	38.0	8,7,1,6
Tangaratta L90 = 35		Tangaratta Leq = 36		Tangaratta L1 = N/A	
20:00	25/09/24	56.4	35.6	43.2	5,7,4,1
Tangaratta L90 = <35		Tangaratta Leq = 37		Tangaratta L1 = N/A	
NIGHT					
23:15	23/09/24	51.1	32.9	38.4	2,4,1
Tangaratta L90 = 33		Tangaratta Leq = 37		Tangaratta L1 = <45	
02:15	25/09/24	38.9	33.8	35.3	20,2,1,26
Tangaratta L90 = 34		Tangaratta Leq = 35		Tangaratta L1 = <45	
01:15	26/09/24	58.1	35.3	41.9	2,1
Tangaratta L90 = 35		Tangaratta Leq = 38		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 high level noise emanating from birds during day and evening and/or Rosebank Mill operating.

Legend of Noise sources (See above Table):

1. Tangaratta mill
2. Insect, frogs, crickets, etc
3. Truck Tangaratta mill
4. Augers, feed chute, 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, trucks
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. Rain
26. Mobile irrigation sprinkler
27. Roadworks Wallamore Road

DISCUSSION AND CONCLUSION

Results of our attended noise surveys confirm that noise emissions from the Tangaratta site are compliant with the criteria during the day and evening at the Rosebank residence. It was noted that exceedances of 2-3dB(A) occurred at night on 23 and 26 September, respectively. Observations revealed that grain in bins, and to a lesser extent conveyors were responsible for the exceedances. We understand that action is continuing to be implemented to reduce future exceedances from these noise sources. In saying this, the existing Leq noise levels from extraneous noise sources are higher than those recorded from the Tangaratta site, and it is unlikely that residents would be disturbed by the minor isolated exceedances.

Only estimates of noise contributions from the Tangaratta site were possible during the day, as noise emissions from the Tangaratta site were only audible on occasion, due to the high levels of noise emanating from the Rosebank mill, birds and passing vehicles on Wallamore Road, etc. In saying this, our observations and subjective assessment do confirm that the Tangaratta plant was operating below the criteria during the day.