

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

**NOISE COMPLIANCE MONITORING March 2021**

**Report received:** 6<sup>th</sup> April 2021

**Attended monitoring:** 1<sup>st</sup> – 3<sup>rd</sup> March 2021

**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 2021**

Time	Date	L1	L90	Leq	Audible Noise
<b>DAY</b>					
15:10	1/03/21	59.5	37.4	45.0	5,8,7,14,13
<b>Tangaratta L90 = &lt;38</b>		<b>Tangaratta Leq = &lt;38 #</b>		<b>Tangaratta L1 = N/A</b>	
11:30	2/03/21	61.6	36.5	48.0	5,11,8,7,13
<b>Tangaratta L90 = &lt;36 #</b>		<b>Tangaratta Leq = &lt;38 #</b>		<b>Tangaratta L1 = N/A</b>	
10:00	3/03/21	56.0	38.3	44.5	5,16,8,7,13,18
<b>Tangaratta L90 = &lt;38 #</b>		<b>Tangaratta Leq = &lt;38 #</b>		<b>Tangaratta L1 = N/A</b>	
<b>EVENING</b>					
19:45	1/03/21	55.5	35.5	44.5	7,2,19,1
<b>Tangaratta L90 = 34</b>		<b>Tangaratta Leq = 38</b>		<b>Tangaratta L1 = N/A</b>	
20:15	2/03/21	52.5	35.4	42.6	7,17,2,1
<b>Tangaratta L90 = 33</b>		<b>Tangaratta Leq = 36</b>		<b>Tangaratta L1 = N/A</b>	
20:00	3/03/21	51.5	34.1	40.4	7,10,4,12,1
<b>Tangaratta L90 = 32</b>		<b>Tangaratta Leq = 35</b>		<b>Tangaratta L1 = N/A</b>	
<b>NIGHT</b>					
22:33	1/03/21	55.1	43.9	47.0	7,14,2,3,1
<b>Tangaratta L90 = 34</b>		<b>Tangaratta Leq = 35</b>		<b>Tangaratta L1 = &lt;45</b>	
03:55	3/03/21	48.2	34.8	40.2	2,16,1,12,
<b>Tangaratta L90 = 34 #</b>		<b>Tangaratta Leq = 35 #</b>		<b>Tangaratta L1 = &lt;45</b>	
02:30	4/03/21	39.5	33.1	36.5	2,1
<b>Tangaratta L90 = 33</b>		<b>Tangaratta Leq = 34</b>		<b>Tangaratta L1 = &lt;45</b>	

*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 insects at night.*

Legend of Noise sources (See Tables):

- |  |  |
|--|--|
| 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              |

**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. An exception is a minor 1dB(A) exceedance during the evening on 1/03/21. The cause of this exceedance was attributed to feed activities and truck movements at the Tangaratta mill. Given that existing Leq noise levels during this period were in the order of 45dB(A) it is unlikely that residents would notice this minor isolated exceedance. Furthermore, the monitoring location is 30-40 metres closer to noise sources at the Tangaratta site than the Rosebank residence, implying compliance.

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 exceptionally high level of noise emanating from birds and the mill on the Rosebank property. In

saying this, our observations and subjective assessment do confirm that the Tangaratta plant was operating below the criteria during the day.