

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

**NOISE COMPLIANCE MONITORING MARCH 2019**

**Report received:** 28<sup>th</sup> March 2019

**Attended monitoring:** 3<sup>rd</sup> – 6<sup>th</sup> March 2019

**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 2019**

Time	Date	L1	L90	Leq	Audible Noise
<b>DAY</b>					
13:15	3/03/19	68.5	41.0	60.5	8,5,7,13,11
<b>Tangaratta L90 = &lt;37</b>		<b>Tangaratta Leq = 38</b>		<b>Tangaratta L1 = N/A</b>	
11:15	4/03/19	71.0	38.5	63.0	5,8,7,3
<b>Tangaratta L90 = &lt;37</b>		<b>Tangaratta Leq = &lt;38 #</b>		<b>Tangaratta L1 = N/A</b>	
08:30	5/03/19	66.5	39.0	59.5	5,8,7,13,11
<b>Tangaratta L90 = &lt;37</b>		<b>Tangaratta Leq = &lt;38 #</b>		<b>Tangaratta L1 = N/A</b>	
<b>EVENING</b>					
20:00	3/03/19	61.0	36.0	44.0	8,7,10,1
<b>Tangaratta L90 = 36</b>		<b>Tangaratta Leq = 37</b>		<b>Tangaratta L1 = N/A</b>	
21:00	4/03/19	63.5	37.5	47.5	8,7,5,1,6
<b>Tangaratta L90 = 37</b>		<b>Tangaratta Leq = 37</b>		<b>Tangaratta L1 = N/A</b>	
22:00	5/03/19	61.5	35.5	46.0	7,6,1,2
<b>Tangaratta L90 = 35</b>		<b>Tangaratta Leq = 36</b>		<b>Tangaratta L1 = N/A</b>	
<b>NIGHT</b>					
23:00	3/03/19	61.0	37.5	40.5	7,24,16,2,3,1
<b>Tangaratta L90 = 34</b>		<b>Tangaratta Leq = 35</b>		<b>Tangaratta L1 = &lt;45</b>	
02:30	5/03/19	56.0	34.9	37.9	7,2,16,1
<b>Tangaratta L90 = 33</b>		<b>Tangaratta Leq = 35</b>		<b>Tangaratta L1 = &lt;45</b>	
01:15	6/03/19	59.5	34.6	38.9	7,10,2,1
<b>Tangaratta L90 = 34</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 extraneous noise contributions from large flocks of birds & nearby events.*

**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.     |

**DISCUSSION AND CONCLUSION**

Co-ordinated truck movements were arranged with Tangaratta staff during our night monitoring survey on 3 March 2019 between 23:00-24:00. The attended monitoring was carried out adjacent to our permanent monitoring station to replicate results collected remotely. We had direct communication with Tangaratta staff during the monitoring period and could identify when each truck entered the site, travelled in front of the plant, reversed into position, and then proceeded along the access road to circle the plant and exit. Results of this co-ordinated attended noise survey confirmed that noise emissions from the Tangaratta site and truck movements were compliant with the criteria during the night at the Rosebank residence. Results of our attended noise surveys confirm that noise emissions from the Tangaratta site are compliant with the criteria during the evening, night at the Rosebank residence. Only estimates of noise contributions from the Tangaratta site were possible during the day at times, as large flocks of birds and nearby extraneous events dominated the acoustic environment. In saying this, our observations do confirm that the Tangaratta plant was operating below the criteria during the day