



Assessment Manager

Proposed Extension to Warehouse, 14-28 Katrina Street, Oakey

Response to Information Request - Noise Impact Assessment

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1 Introduction

A development application (DA) has been lodged with Toowoomba Regional Council ('the Council') by Riverina (Australia) Pty Ltd ('Riverina') for a proposed expansion of an existing warehouse which include grain storage and handling ('the facility') at 14-28 Katrina Street, Oakey QLD.

A site plan of the facility is provided in **Figure 1**.

The proposed expansion to the facility will include the following:

- Construction of a new ring road around the rear of the development. A new site access will be provided at the southern end of the site with a new exit at the northern end. The existing access point for the site will be removed.
- Installation of a new weighbridge and office on the southern side of the site.
- Installation of a new grain pit on the northern side of the grain silos and one to the west of the commodity store.
- Installation of pit elevators and drag conveyor at the northern end of the grain silos and installation of inverters at the southern end of the grain silos for loading.
- Relocation of the approved carparks to a new location north of the new site access.

Noise impact assessment was completed in support of the DA and was submitted on 20th August 2025. Upon submission, Council issued an information request (IR) on 23rd January 2026, seeking additional details on several environmental matters, including noise, as outlined in **Table 1**. **Table 1** also summarises Virid Ardent AU's (VAAU's) responses to each IR comment and identifies the sections of this report where each matter has been addressed.

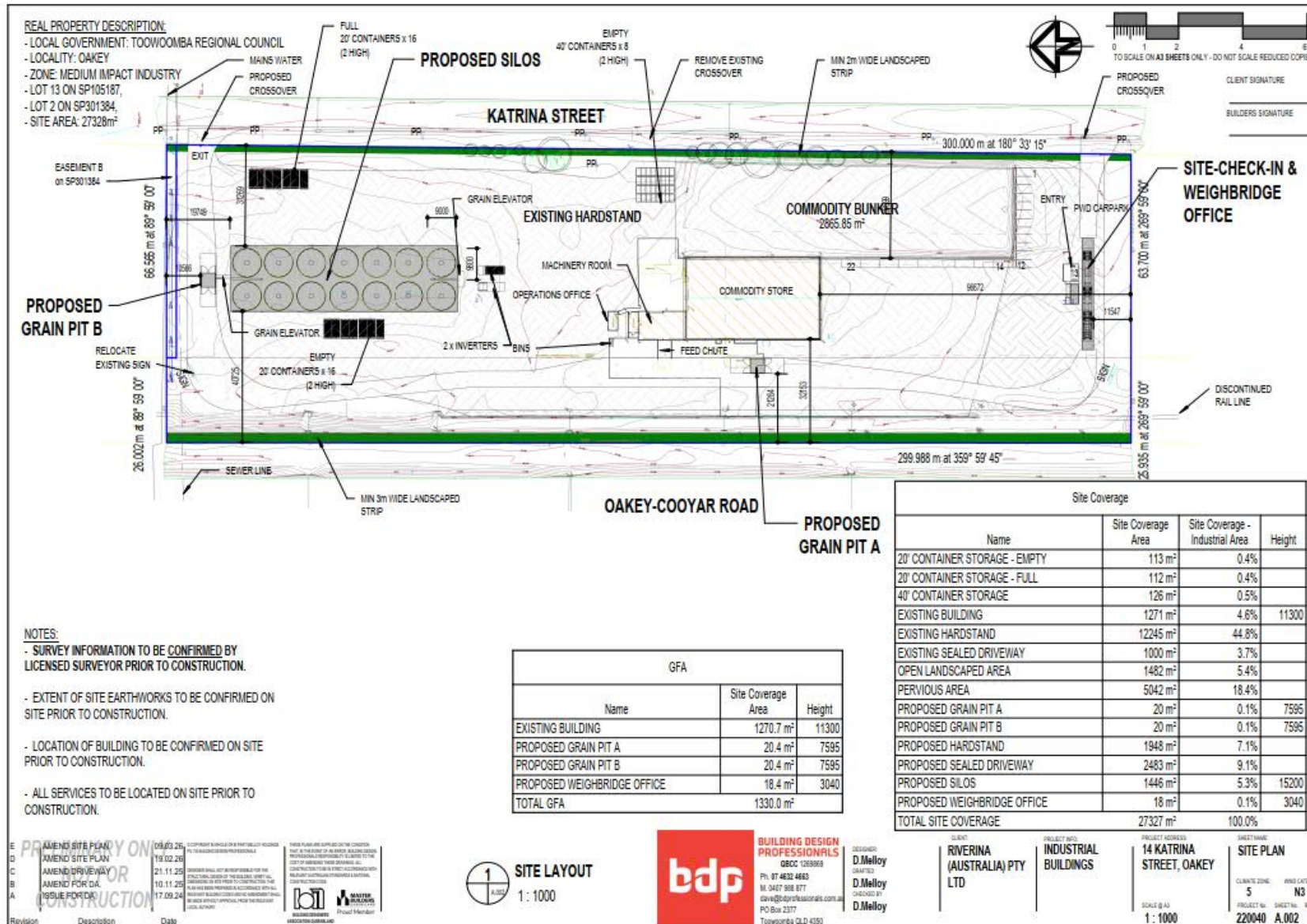


Figure 1: Proposed site plan

Source: Riverina (Australia) Pty Ltd

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Commercial in Confidence

Table 1: Noise component of the Council's IR and Virid's response

Council IR Comment	Virid Response
The proposed development will have numerous activities conducted on-site that will likely produce noise emissions affecting surrounding sensitive receptors. It is noted that the applicant submitted a Noise Impact Assessment, Revision 1, prepared by Virid and dated 20 August 2025. The report provides modelling for two different scenarios, as a demonstration of impacts. Scenario 1 involves the current on site operations and lists the noise emission sources. Scenario 2 involves an upscale to current site activities and includes additional noise sources representative of proposed activities. Upon review, it is considered that whilst Scenario 2 has attempted to represent the cumulative noise emissions from all proposed activities on site, it does not actually include all of the proposed activities for the site. Examples of the activities not included within Scenario 2 of the submitted Noise Impact assessment report are as follows:	This assessment report address Council's information request
All loading and unloading points have not been included, as per the details included in the submitted site plans;	Refer Section 6.6
- Noise emissions from activities involving the weighbridge activities, which include: - Trucks manoeuvring onto the weighbridge; - Trucks idling on the weighbridge, inclusive of the duration trucks are idle; and - Trucks queuing for the weighbridge, inclusive of the duration trucks are idle;	Refer Section 6.6
Vehicle movements in the cotton seed storage area;	Refer Section 6.6
Unloading and auger use within the cotton seed storage area;	Refer Section 6.6
Deflection of noise emissions from the proposed office building; and	Refer Section 6.6
All elevated noise emissions (i.e., tops of augers)	Refer Section 6.6
The noise objective listed in Table 10 of the Noise Impact Assessment report are not consistent with AQOs for daytime limits. Updated modelling is required for the Noise Impact Assessment Report that should showcase consistent AQOs across all scenarios, and all tables must be updated accordingly.	Refer Section 6.8

1.1 Limitations

Publicly available data/design information provided by the Queensland Government, Geoscience Australia, and PSMA Australia Ltd were used as inputs to the noise models developed for this assessment. Various assumptions were made, and these are provided as part of the assessment methodology.

This assessment was based on best practice methodologies at the time it was prepared. No other warranty, expressed or implied, is made as to the professional advice included in this document. Where this document indicates that information has been provided by third parties, no independent verification of this information has been completed except as stated. No liability is assumed for any inaccuracies in, or omissions to, that information. Furthermore, this assessment should be read in its entirety. No responsibility is accepted for use of any part of this document in any other context or for any other purpose or by third parties.

2 Existing Environment

2.1 Site Description

The site is located on Lot 14 SP105187 at 14-28 Katrina Street, Oakey. The site is zoned as Medium Impact Industry within Toowoomba Regional Council Planning Scheme.

The land surrounding the facility consists of medium industries with the lots to the south zoned as low-density residential zone and rural zone. The closest residential dwelling is located approximately 290 m south-west from the facility's site boundary. Oakey hospital is located 400 m south-east of the facility.



Figure 2: Land-use zoning map identifying the site (blue polygon) and its surrounds

Source: Toowoomba Regional Council Planning Scheme Mapping

2.2 Sensitive Receptors

The area surrounding the development site is comprised of medium impact industry with residential dwellings scattered within the low-density residential zone and rural zone. The residential and hospital (identified as Receptor R20) are considered noise sensitive under the Environmental Protection (Noise) Policy 2019 (EPP Noise 2019). Medium impact industrial uses located adjacent to the development site are considered non-sensitive receptors.

The residential sensitive receptors identified for the assessment are shown in **Table 2** and visually illustrated in **Figure 3**.

Table 2: Sensitive residential receptors identified for the assessment

Sensitive Receptor ID	Classification	Address
R1	Residential	15 Racecourse Rd, Oakey QLD 4401
R2	Residential	43 Racecourse Rd, Oakey QLD 4401
R3	Residential	61 Racecourse Rd, Oakey QLD 4401
R4	Residential	8 Williams Rd, Oakey QLD 4401
R5	Residential	Williams Road, Oakey QLD 4401
R6	Residential	71 Showgrounds Rd, Oakey QLD 4401
R7	Residential	22 Sexton Weise Rd, Oakey QLD 4401
R8	Residential	56 Donely St, Oakey QLD 4401
R9	Residential	14 Donely St, Oakey QLD 4401
R10	Residential	10 Donely St, Oakey QLD 4401
R11	Residential	76 Beale St, Oakey QLD 4401
R12	Residential	74 Beale St, Oakey QLD 4401
R13	Residential	72 Beale St, Oakey QLD 4401
R14	Residential	70 Beale St, Oakey QLD 4401
R15	Residential	68 Beale St, Oakey QLD 4401
R16	Residential	66 Beale St, Oakey QLD 4401
R17	Residential	3 Fitzpatrick St, Oakey QLD 4401
R18	Residential	5 Fitzpatrick St, Oakey QLD 4401
R19	Residential	14 Fitzpatrick St, Oakey QLD 4401
R20 – north facade	Hospital	6 Fitzpatrick St, Oakey QLD 4401
R20 – west facade	Hospital	6 Fitzpatrick St, Oakey QLD 4401
R21	Residential	62 Beale St, Oakey QLD 4401
R22	Residential	54 Beale St, Oakey QLD 4401
R23	Residential	Beale St, Oakey QLD 4401



Figure 3: Sensitive Receptor

V25-107 Riverina Oakley Noise Impact Assessment
Map of sensitive receptor | 14-28 Katrina St, Oakley QLD
20th August 2025



N



0100200300

Meters

Legend

Project Information

Residential

Commercial

Education, Health & Community

Sheds/Garage

Receptors

DCDB

3 Facility Specifics

The facility is located on Lot 14 SP105187 at 18-29 Katrina Street, Oakey. The site is zoned as Medium Impact Industry within the Toowoomba Regional Council Planning Scheme. The facility currently receives, stores and distributes approximately 13,000 tpa bulk grain and cotton seed including sorghum, wheat, barley, maize, and oilseed.

The primary operation at the facility involves delivery of grain and cotton seed by truck, which are stored in on-site silos, commodity store, and commodity bunker which are packed into containers and trucks for off-site distribution. The facility operates between 6:30 am and 7:00 pm, Monday to Friday.

Riverina are planning to increase their annual throughput to 26,000 tpa, by implementing several upgrades which include the following:

- Construction of a new ring road around the rear of the development. A new site access will be provided at the southern end of the site with a new exit at the northern end. The existing access point for the site will be removed.
- Installation of a new weighbridge and office on the southern side of the site.
- Installation of a new grain pit to the west of the commodity store (Grain Pit A) and one on the northern side of the grain silos (Grain Pit B).
- Installation of pit elevators and drag conveyor at the northern end of the grain silos and installation of inverters at the southern end of the grain silos for loading.
- Relocation of the approved carparks to a new location north of the new site access.

The proposed expansion once approved will include following activities:

- Incoming grain and cotton seed trucks will be weighed at the weighbridge before being directed to either Grain Pit A or Grain Pit B. Following unloading, trucks will exit the site via northern exit gate.
- Grain will be stored within the silos, while the commodity store will be used for storage of both grain and cotton seed.
- Grain or cotton seed unloaded at Grain Pit A will then be transferred into the commodity store via an auger through the roof opening. Simultaneous unloading of grain or cotton seed at Grain Pit A and transfer into the commodity store via auger is unlikely to occur.
- During peak periods when storage capacity of commodity store is exceeded, trucks will be directed to commodity bunker located east of the commodity store, where grain or cotton seed will be temporarily stored and covered with tarpaulins. No simultaneous unloading and loading operations are expected at commodity bunker.
- Grain or cotton seed in commodity store will be loaded into trucks via auger north of commodity store.
- Grain unloaded at Grain Pit B will be loaded into the silos using grain elevators.

- Container trucks arriving on site will go over weighbridge get weighed and the empty container will be unloaded using container forklift west of the silos.
- The containers get filled using grain elevators and inverters south of the silos. Filled containers will be temporarily stored to the east of the silos before being loaded onto trucks at the northern exit for off-site transport.

4 Noise Monitoring

4.1 Unattended Noise Logging

Unattended ambient noise monitoring was conducted between 25th June 2025 and 30th June 2025 at a location which is approximately 290 m south-west of the site at 15 Racecourse Road, Oakey, to determine the background noise levels in the area.

The equipment was set and decommissioned by an experience ViridAU acoustic consultant. The noise logger was installed at a height of 1.5 m above ground level and fitted with a windscreen. The calibration was checked on-site during setup and decommissioning. No drift greater than +/- 0.5 dB was noted.

A portable weather station was setup at a height of 2.0 m above ground during the noise monitoring period. Noise measurements impacted by inclement weather (wind speed greater than 5 mm/s or rain greater than 0.2 mm/h) were reviewed and data identified as weather-impacted were excluded from the analysis.

This data has primarily been used to better understand the existing noise environment, rather than to determine compliance, establish criteria, or for model verification.

The equipment used on-site is listed in **Table 3**.

Table 3: Noise monitoring equipment

Equipment	Make	Type	Serial	Calibration
Sound level meter (logger)	Larson Davis	-	3340	Current
Calibrator	Svante	SV-33B	101611	Current
Weather station	Davis	Vantage Vue	6351M	Current

A summary of the measured noise levels for each period, along with the rating background levels (RBLs) are detailed in **Table 4**. The noise monitoring report is provided in **Appendix A**.

Table 4: Existing noise environment - residential and educational receptors

Day	Daytime dB(A)		Evening dB(A)		Night-time dB(A)		Rating Background Level, dB(A)
	L _{Aeq}	L _{A90}	L _{Aeq}	L _{A90}	L _{Aeq}	L _{A90}	
Wednesday, 25 June 2025	52	47	50	44	43	40	Daytime 39 dB(A) Evening 37 dB(A) Night-time 34 dB(A)
Thursday, 26 June 2025	49	44	51	45	46	42	
Friday, 27 June 2025	49	41	44	34	45	41	
Saturday, 28 June 2025	48	40	42	32	44	40	
Sunday, 29 June 2025	48	39	39	32	39	35	
Monday, 30 June 2025	50	44	47	43	44	40	

4.2 Attended Measurements

Attended noise measurements were conducted at the site to characterise the noise sources associated with the current operations. Spot measurements (between 10 seconds and 1 minute) of representative operations were recorded using a calibrated Nti-XL2. Measured sound pressure levels are presented in **Table 5**.

Table 5: Attended noise measurements

Equipment	Sound Power Levels, Octave Band, dB									OASPL dB(A)
	31Hz	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	
Auger	81	83	92	99	101	105	105	102	102	111
Container handler	102	102	93	92	88	85	81	76	70	91
Forklift (5 km/hr)	100	90	84	82	77	79	75	70	60	83
Loader (5 km/hr)	81	83	82	81	79	77	72	69	62	82
Tractor (15 km/hr)	94	93	93	92	91	88	85	83	82	94
Truck (15 km/hr)	96	97	100	97	94	93	90	86	77	98

5 Noise Criteria

5.1 Environment Protection (Noise) Policy 2019

All noise emissions, from the facility, must comply with the EPP Noise 2019 acoustic quality objectives (AQOs) in order to satisfy the acoustic requirements of *State Code 22: Environmentally Relevant Activities*. The EPP Noise 2019 objectives are as follows:

- Prevent adverse noise impacts upon sensitive receptors in the vicinity of the activity, and,
- Prevent, or minimise, background noise creep (i.e., the gradual increase in the total amount of background noise in the area)

The AQOs, for various sensitive receptors and for different periods of the day are provided in Schedule 1 of the EPP Noise 2019. The relevant AQOs for this assessment, are provided below in **Table 6**.

Table 6: EPP Noise 2019 acoustic quality objectives

Sensitive Receptor	Time of Day	Acoustic Quality Objectives (measured at the receptor) dB(A)			Environmental Values
		L _{Aeq} , adj, 1hr	L _{A10} , adj, 1hr	L _{A1} , adj, 1hr	
Residence (for indoors)	Daytime and evening	35	40	45	Health and wellbeing
	Night-time	30	35	40	Health and wellbeing in relation to the ability to sleep
Hospital, surgery or other medical institution (for indoors)	Visiting hours	35	-	-	Health and wellbeing
	Anytime, other than visiting hours	30	-	-	Health and wellbeing in relation to the ability to sleep

In order to demonstrate compliance with the Residence (for indoors) AQOs, a correction is required to determine a corresponding outdoor noise level, which considers an appropriate level of attenuation across a façade to indoor areas. A +7 dB correction was applied to the Residence (for indoors) AQOs in order to determine an appropriate outdoor criterion. This then considers noise passing through an open window to the inside of the residence. With this correction applied, it is no longer an internal noise limit to be assessed against, rather it is an outdoor noise limit.

The +7 dB correction is considered to be conservative, given that studies have shown attenuation provided by a partially open window to be in the range of 5-10 dB¹², with some studies showing 10-15

¹ Ryan, M., Lanchester, M. and Pugh, S. (2012) *Noise Reduction through Facades with Open Windows* in Acoustics 2011: Breaking new ground: Gold coast, Australia, 2-4 November 2011. Red Hook, NY: Curran Associates, Inc.

² Noise and vibration - EIS information guideline, DETSI, 2024 - https://www.des.qld.gov.au/policies?a=272936:policy_registry/eis-tm-noise-vibration-information-guide.pdf

dB may be more appropriate³. The British Standard BS 8233 Guidance on sound insulation and noise reduction for buildings (BS 8233) states that an approximate 15 dB reduction may be expected across a partially open window.

Educational, commercial and community facilities usually have fixed windows and upgraded facades and therefore, a +15 dB outdoor to indoor attenuation is considered for these façade constructions.

The corrected, outdoor free-field AQOs are presented in **Table 7**.

Table 7: AQOs corrected to outdoor, free-field levels

Sensitive Receptor	Time of Day	Acoustic Quality Objectives (measured at the receptor) dB(A)			Environmental Values
		L _{Aeq, adj, 1hr}	L _{A10, adj, 1hr}	L _{A1, adj, 1hr}	
Residence (for indoors)	Daytime and evening	42	47	52	Health and wellbeing
	Night-time	37	42	47	Health and wellbeing in relation to the ability to sleep
Hospital, surgery or other medical institution (for indoors)	Visiting hours	50	-	-	Health and wellbeing
	Anytime, other than visiting hours	45	-	-	Health and wellbeing in relation to the ability to sleep

³ Difference between Outdoor and Indoor Sound Levels for Open, Tilted and Closed Windows, International Journal of Environmental Research and Public Health, January 2018 (<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5800248/>)

6 Noise Modelling

6.1 Noise model and propagation algorithm

The noise model was developed using SoundPLAN v8.2, an environmental noise modelling software suite from SoundPLAN GmbH. SoundPLAN facilitates the development of detailed 3D models comprising ground contours, noise sources, building footprints and heights, noise barriers and other factors that influence the emission and propagation of noise.

The model considered noise sources, receivers and the effect of distance, ground topography, atmospheric attenuation, and obstacles such as barriers and buildings. To predict noise emissions, SoundPLAN implements the international standard ISO 9613-2:1996 *Acoustics — Attenuation of sound during propagation outdoors — Part 2: General method of calculation*.

6.2 Calculation parameters and assumptions

When predicting the noise level at any given point, the study accounted for:

- The contribution of any noise sources within 1,000 m of each point.
- The contribution of any acoustic waves reflected off surfaces either:
 - Within 200 m of each point, or
 - Up to 50 m from the source.

Noise contours were interpolated from a 5 m grid. Noise levels were calculated with a tolerance of ± 0.1 dB(A).

6.3 Terrain

A digital elevation model (DEM) based on light detection and ranging (LiDAR) was sourced from the Intergovernmental Committee on Surveying and Mapping with GeoScience Australia. The DEM was converted from a raster file format to a comma separate value (CSV) file format with each line within the CSV file specifying elevation heights at corresponding spatial coordinates.

The CSV file was imported into SoundPLAN as elevation heights allowing SoundPLAN's triangulation algorithms to generate a digital ground model (DGM). This DGM is adopted to be representative of the study area's terrain for the current year. The 1.0 m resolution of the DEM is retained for the DGM.

6.4 Buildings

The location, footprint, and height of all buildings within 1 km of the study area were sourced from the PSMA Australia GeoScape® dataset. This dataset includes building footprints that were created using a combination of automated and manual processes to extract and orthogonalise building roof outlines via remote sensing. This process uses imagery to classify pixels based on known patterns of signal combinations from various building roof types. The horizontal accuracy of the dataset is typically within ± 1.0 m. The building height was attributed through a 0.5 m resolution digital surface model. The

estimated, relative accuracy of the building heights for the project is also documented to be within ± 1.0 m.

6.5 Ground absorption and vegetation

Large areas of hard ground (including the site itself, and adjacent industrial sites) were digitised from high resolution aerial photography. These areas were modelled as acoustically 'hard' (i.e. reflective) and the remaining areas were modelled as acoustically 'soft' (i.e. absorbent) throughout the project study area.

6.6 Modelled scenario

Two scenarios were modelled to understand the noise impact from the facility. The facility currently operates between 6:30 am to 7:00 pm, Monday to Friday. For the purpose of assessing a worst-case scenario, the existing and proposed operations are considered to be operating 24 hours, 365 days.

Scenario 1 – This scenario includes noise emissions associated with the current operations at the facility, which includes:

- Haul trucks entering the site from current access point to delivery and dispatch grain and cotton seeds,
- Maximum of 3 trucks per hour during daytime, 1 truck per hour during evening and 1 truck per hour during night-time period,
- 3 passenger cars per hour entering the site during daytime,
- Unloading of grains using auger at eastern and western side of the silo complex during daytime,
- Loading & unloading of cotton seeds using auger at northern side of the shed during daytime,
- 1 forklift, 1 loader, 1 container handler and 1 tractor operating continuously during the daytime.

Scenario 2 – This scenario includes noise emissions associated with the proposed expansion at the facility, which includes:

- Grain and container trucks entering the site via the proposed access point at the southern end of Katrina Street, proceeding to the weighbridge for inbound weighing,
- Maximum of 3 container trucks per hour and 2 container trucks per hour during peak operations during daytime,
- Maximum of 1 container truck and 1 grain truck per hour during evening and 1 grain truck per hour during night-time period,
- 3 passenger cars per hour entering the site during day, evening and night-time,
- Grain trucks unloading grain or cotton seed at Grain Pit A, Grain Pit B, and the commodity bunker, and exiting via the northern exit gate during daytime,

- Container trucks entering the site during daytime with empty containers, undergoing inbound weighing, unloading containers using a container lift located west of the silos, and subsequently being loaded at the northern end using a container lift prior to exiting,
- Continuous operation of loaders within the commodity store during day, evening and night-time,
- 1 forklift, 1 loader, and 1 tractor operating continuously between the silos and the commodity store during day, evening and nighttime,
- Loading of trucks via auger systems located north of the commodity store during daytime,
- Filling of silos using grain elevators and drag conveyor systems at the northern end of the silos during daytime,
- Loading of containers using inverters and grain elevators at the southern end of the silos during daytime.

The location of the sources for existing and proposed operations are shown in **Figure 4** and **Figure 5** respectively.

6.7 Equipment

The sound power levels of the proposed equipment and activities mentioned below in **Table 8** were based on the noise measurements conducted on site, manufacturer data and VAAU's internal database. Noise levels from the existing equipment were measured and are presented **Table 5**.

None of the proposed equipment is tonal, impulsive or has a strong low-frequency content. No adjustment is made to account for any annoying characteristics.

The value provided in **Table 8** are corrected to take duration into account.

Noise emissions from the continuous operation of the loader inside the commodity store has been considered in the model as an area source breaking through the open door.

Table 8: Sound power levels - Proposed equipment

Equipment	Quantity	Sound Power Levels, Octave Band, dB									OASPL dB(A)	Source Height, m	Location	Duration per hour
		31Hz	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz				
Auger	x 1	81	83	92	99	101	105	105	102	102	111	2	North of commodity store	Continuous
Container lift - 1	x 1	102	102	93	92	88	85	81	76	70	91	3	West of silo	Continuous
Container lift - 2	x 1	102	102	93	92	88	85	81	76	70	91	3	East of silo	Continuous
Forklift	x 1	100	90	84	82	77	79	75	70	60	83	2	Between silo and commodity store	Continuous
Loader	x 1	81	83	82	81	79	77	72	69	62	82	2		Continuous
Tractor	x 1	94	93	93	92	91	88	85	83	82	94	2		Continuous
Grain Truck	x 2	96	97	100	97	94	93	90	86	77	98	2	Enter and exit via southern entry	Continuous
Container truck	x 3	96	97	100	97	94	93	90	86	77	98	2	Enter via southern entry and exit via northern exit	Continuous
Grain truck idling	x 2	90	91	94	91	88	87	84	80	71	92	2	Weighbridge	16 min per hour (8 min per hour for each truck)
Container truck idling	x 3	90	91	94	91	88	87	84	79	71	92	2	Weighbridge	15 min per hour (5 min per hour for each truck)
Container truck idling	x 3	90	92	94	92	88	87	85	80	72	93	2	Northern exit	18 min per hour (6 min per hour for each truck)
Passenger car	x 3	94	94	89	84	81	80	77	72	66	85	1	Enter via southern entry	Continuous
Unloading idling	-	93	94	97	94	91	90	87	83	74	95	2	Grain Pit A	30 min per hour
Unloading idling	-	93	94	97	94	91	90	87	83	74	95	2	Grain Pit B	30 min per hour
Unloading idling	-	93	94	97	94	91	90	87	83	74	95	2	Commodity bunker	30 min per hour
Pit elevators and conveyor	x 1	74	76	85	92	94	98	98	95	95	104	2	North of silo	Continuous
Pit elevators and conveyor	x 1	74	76	85	92	94	98	98	95	95	104	2	South of silo	Continuous
Tilted shipping container / Inverters	x 1	67	69	77	84	87	90	90	88	87	96	3	South of silo	10 min per hour
Tilted shipping container / Inverters	x 1	67	69	77	84	87	90	90	88	87	96	3	South of silo	10 min per hour



Figure 4: Existing Noise Sources

Riverina Oakey Noise Impact Assessment
Map of existing noise sources | 14-28 Katrina St, Oakey QLD



Legend

Modelled Sources

-  Cotton Shed
-  Truck, Tractor, Forklift & Loader Route
-  Light Vehicle Route
-  Container Handler
-  Auger

Project Information

-  Grain Silo
-  DCDB





N

0255075Meters

Commodity store

Forklift, loader & tractor

Container truck

Grain truck

Light vehicle route

Truck unloading

Container lift

Container truck idling

Grain truck idling

Pit elevator and drag conveyors

Inverters

Auger

Grain Silo

Machinery room

Operations office

DCDB

Project Information

Figure 5: Proposed Noise Sources
Riverina Oakey Noise Impact Assessment
Map of proposed noise sources | 28 Katrina St, Oakey QLD 4401

6.8 Predicted noise levels

6.8.1 Existing Operations – Scenario 1

The predicted noise levels at the nearest residential and hospital noise-sensitive receptors for the existing daytime operations at site are presented below in **Table 9**.

The predicted noise levels at the nearest residential and hospital noise-sensitive receptors for the existing evening and night-time operations at site are presented below in **Table 10**.

Table 9: Predicted noise levels - residential and hospital noise-sensitive receptors – daytime operations

Receptors	Floor	Acoustic Quality Objectives L _{Aeq,adj,1hr} , dB(A)	Predicted noise level L _{Aeq,adj,1hr} , dB(A)	Compliance
		Daytime		
R1	GF	42	41	Yes
R2	GF	42	41	Yes
R2	F 1	42	41	Yes
R3	GF	42	39	Yes
R4	GF	42	39	Yes
R5	GF	42	40	Yes
R6	GF	42	38	Yes
R6	F 1	42	39	Yes
R7	GF	42	37	Yes
R8	GF	42	37	Yes
R8	F 1	42	38	Yes
R9	GF	42	34	Yes
R10	GF	42	34	Yes
R10	F 1	42	35	Yes
R11	GF	42	33	Yes
R12	GF	42	34	Yes
R13	GF	42	35	Yes
R13	F 1	42	35	Yes
R14	GF	42	34	Yes
R15	GF	42	30	Yes
R16	GF	42	36	Yes
R17	GF	42	36	Yes
R18	GF	42	36	Yes
R18	F 1	42	37	Yes
R19	GF	42	40	Yes
R20 – West facade	GF	50	40	Yes
R20 – West facade	F 1	50	40	Yes
R20 – West facade	F 2	50	40	Yes
R20 – North facade	GF	50	40	Yes

Receptors	Floor	Acoustic Quality Objectives L _{Aeq,adj,1hr} , dB(A)	Predicted noise level L _{Aeq,adj,1hr} , dB(A)	Compliance
		Daytime		
R20 – North facade	F 1	50	40	Yes
R20 – North facade	F 2	50	40	Yes
R21	GF	42	39	Yes
R22	GF	42	38	Yes
R23	GF	42	40	Yes

Table 10: Predicted noise levels - residential and hospital noise-sensitive receptors – evening and night-time operations

Receptors	Floor	Acoustic Quality Objectives L _{Aeq,adj,1hr} , dB(A)		Predicted noise level L _{Aeq,adj,1hr} , dB(A)	Compliance
		Evening	Night-time		
R1	GF	42	37	<15	Yes
R2	GF	42	37	<15	Yes
R2	F 1	42	37	<15	Yes
R3	GF	42	37	<15	Yes
R4	GF	42	37	<15	Yes
R5	GF	42	37	<15	Yes
R6	GF	42	37	<15	Yes
R6	F 1	42	37	<15	Yes
R7	GF	42	37	<15	Yes
R8	GF	42	37	<15	Yes
R8	F 1	42	37	<15	Yes
R9	GF	42	37	<15	Yes
R10	GF	42	37	<15	Yes
R10	F 1	42	37	<15	Yes
R11	GF	42	37	<15	Yes
R12	GF	42	37	<15	Yes
R13	GF	42	37	<15	Yes
R13	F 1	42	37	<15	Yes
R14	GF	42	37	<15	Yes
R15	GF	42	37	<15	Yes
R16	GF	42	37	<15	Yes
R17	GF	42	37	<15	Yes
R18	GF	42	37	<15	Yes
R18	F 1	42	37	<15	Yes
R19	GF	42	37	<15	Yes
R20 – West facade	GF	45	45	<15	Yes
R20 – West facade	F 1	45	45	<15	Yes
R20 – West facade	F 2	45	45	<15	Yes

Receptors	Floor	Acoustic Quality Objectives L _{Aeq,adj,1hr} , dB(A)		Predicted noise level L _{Aeq,adj,1hr} , dB(A)	Compliance
		Evening	Night-time		
R20 – North facade	GF	45	45	<15	Yes
R20 – North facade	F 1	45	45	<15	Yes
R20 – North facade	F 2	45	45	<15	Yes
R21	GF	42	37	<15	Yes
R22	GF	42	37	<15	Yes
R23	GF	42	37	<15	Yes

Predicted noise levels shows compliance with the AQOs at all noise-sensitive receptors during daytime, evening and night-time period for the current operations.

6.8.2 Proposed Operations – Scenario 2

The predicted noise levels at the nearest noise-sensitive receptors which includes residential and hospital for the proposed operations at the site during day, evening and nighttime period are presented below in **Table 11**, **Table 12** and **Table 13** respectively.

Table 11: Predicted noise levels - residential and educational noise-sensitive receptors – daytime operations

Receptors	Floor	Acoustic Quality Objectives L _{Aeq,adj,1hr} , dB(A)	Predicted noise level L _{Aeq,adj,1hr} , dB(A)	Compliance
		Daytime		
R1	GF	42	41	Yes
R2	GF	42	36	Yes
R2	F 1	42	37	Yes
R3	GF	42	35	Yes
R4	GF	42	39	Yes
R5	GF	42	37	Yes
R6	GF	42	36	Yes
R6	F 1	42	36	Yes
R7	GF	42	32	Yes
R8	GF	42	32	Yes
R8	F 1	42	32	Yes
R9	GF	42	30	Yes
R10	GF	42	31	Yes
R10	F 1	42	31	Yes
R11	GF	42	29	Yes
R12	GF	42	31	Yes
R13	GF	42	32	Yes
R13	F 1	42	32	Yes
R14	GF	42	34	Yes
R15	GF	42	29	Yes
R16	GF	42	32	Yes
R17	GF	42	33	Yes
R18	GF	42	33	Yes
R18	F 1	42	33	Yes
R19	GF	42	38	Yes
R20 – West facade	GF	50	39	Yes
R20 – West facade	F 1	50	40	Yes
R20 – West facade	F 2	50	40	Yes
R20 – North facade	GF	50	36	Yes
R20 – North facade	F 1	50	38	Yes
R20 – North facade	F 2	50	38	Yes
R21	GF	42	34	Yes

Receptors	Floor	Acoustic Quality Objectives L _{Aeq,adj,1hr} , dB(A)	Predicted noise level L _{Aeq,adj,1hr} , dB(A)	Compliance
		Daytime		
R22	GF	42	37	Yes
R23	GF	42	37	Yes

Table 12: Predicted noise levels - residential and educational noise-sensitive receptors – evening operations

Receptors	Floor	Acoustic Quality Objectives L _{Aeq,adj,1hr} , dB(A)	Predicted noise level L _{Aeq,adj,1hr} , dB(A)	Compliance
		Evening		
R1	GF	42	21	Yes
R2	GF	42	17	Yes
R2	F 1	42	18	Yes
R3	GF	42	16	Yes
R4	GF	42	15	Yes
R5	GF	42	15	Yes
R6	GF	42	<15	Yes
R6	F 1	42	<15	Yes
R7	GF	42	16	Yes
R8	GF	42	17	Yes
R8	F 1	42	18	Yes
R9	GF	42	<15	Yes
R10	GF	42	<15	Yes
R10	F 1	42	<15	Yes
R11	GF	42	<15	Yes
R12	GF	42	<15	Yes
R13	GF	42	<15	Yes
R13	F 1	42	<15	Yes
R14	GF	42	<15	Yes
R15	GF	42	<15	Yes
R16	GF	42	<15	Yes
R17	GF	42	<15	Yes
R18	GF	42	<15	Yes
R18	F 1	42	<15	Yes
R19	GF	42	19	Yes
R20 – West facade	GF	45	16	Yes
R20 – West facade	F 1	45	18	Yes
R20 – West facade	F 2	45	18	Yes
R20 – North facade	GF	45	16	Yes
R20 – North facade	F 1	45	18	Yes
R20 – North facade	F 2	45	19	Yes

Receptors	Floor	Acoustic Quality Objectives L _{Aeq,adj,1hr} , dB(A)	Predicted noise level L _{Aeq,adj,1hr} , dB(A)	Compliance
		Evening		
R21	GF	42	15	Yes
R22	GF	42	<15	Yes
R23	GF	42	<15	Yes

Table 13: Predicted noise levels - residential and educational noise-sensitive receptors – night-time operations

Receptors	Floor	Acoustic Quality Objectives L _{Aeq,adj,1hr} , dB(A)	Predicted noise level L _{Aeq,adj,1hr} , dB(A)	Compliance
		Night-time		
R1	GF	37	19	Yes
R2	GF	37	16	Yes
R2	F 1	37	17	Yes
R3	GF	37	<15	Yes
R4	GF	37	<15	Yes
R5	GF	37	<15	Yes
R6	GF	37	<15	Yes
R6	F 1	37	<15	Yes
R7	GF	37	<15	Yes
R8	GF	37	15	Yes
R8	F 1	37	16	Yes
R9	GF	37	<15	Yes
R10	GF	37	<15	Yes
R10	F 1	37	<15	Yes
R11	GF	37	<15	Yes
R12	GF	37	<15	Yes
R13	GF	37	<15	Yes
R13	F 1	37	<15	Yes
R14	GF	37	<15	Yes
R15	GF	37	<15	Yes
R16	GF	37	<15	Yes
R17	GF	37	<15	Yes
R18	GF	37	<15	Yes
R18	F 1	37	<15	Yes
R19	GF	37	18	Yes
R20 – West facade	GF	45	15	Yes
R20 – West facade	F 1	45	17	Yes
R20 – West facade	F 2	45	17	Yes
R20 – North facade	GF	45	15	Yes
R20 – North facade	F 1	45	16	Yes

Receptors	Floor	Acoustic Quality Objectives $L_{Aeq,adj,1hr}$, dB(A)	Predicted noise level $L_{Aeq,adj,1hr}$, dB(A)	Compliance
		Night-time		
R20 – North facade	F 2	45	17	Yes
R21	GF	37	<15	Yes
R22	GF	37	<15	Yes
R23	GF	37	<15	Yes

Predicted noise levels shows compliance with the AQOs at all noise-sensitive receptors during daytime, evening and night-time period for the proposed operations.

7 Conclusion

VAAU was commissioned by Riverina to undertake a noise impact assessment for the proposed extension of existing warehouse which include grain storage and handling at 14-28 Katrina Street, Oakey QLD.

Upon submission of the initial noise impact assessment, Council issued an information request on 23rd January 2026, seeking additional details on several environmental matters, including noise.

To address Council's information request, remodelling was undertaken.

The nearest noise-sensitive receptors are located approximately 290 m south-west from the facility's site boundary. To evaluate potential noise impact from the existing and proposed operations at the facility, worst-case operations were modelled in SoundPLAN, including light and heavy vehicle movements, and equipment used for loading and unloading grain.

The results show that noise levels across all noise-sensitive receptors identified for the assessment comply with the Acoustic Quality Objectives in the Environment Protection (Noise) Policy 2019 for the daytime, evening and night-time periods for the proposed upgrades.

In conclusion, the assessment demonstrates that the proposed extension at the facility, even under conservative worst-case conditions, is unlikely to result in any significant adverse noise impacts to surrounding sensitive receptors and is considered acoustically acceptable.

Appendix A. Noise Monitoring

V25-107 | 15 Racecourse Road, Oakey 4401 | Noise Monitoring Sheet

District Darling Downs South West
 State Road -
 Address 15 Racecourse Road, Oakey 4401
 Lot and RP numbers 62/O1524
 Owner
 Date 25/06/2025
 Comments West of the mill located at 14-28 Katrina Street, Oakey QLD 4401



Date Measurement Number

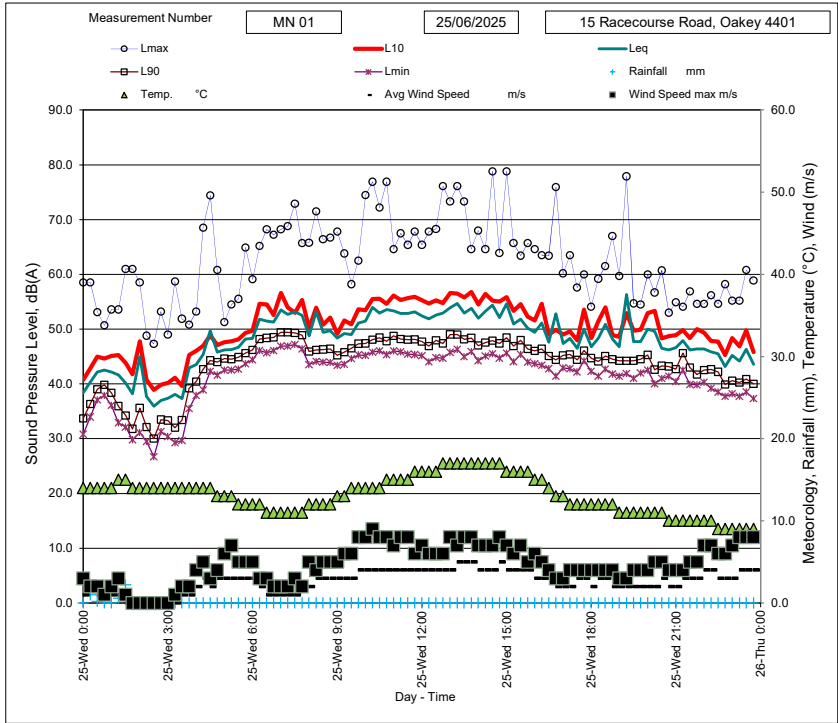
25/06/2025 MN 01

Instrument Type	Larson Davis	Microphone Ht.	1.5m	L _{A90} Day	47.3 dB(A)	RBL Day	45.3 dB(A)
Serial Number	3340	Façade Corrected	No	L _{A90} Evening	43.9 dB(A)	RBL Evening	42.9 dB(A)
Pre Calibration	94.0 dB(A)			L _{A90} Night	39.5 dB(A)	RBL Night	32.2 dB(A)
Post Calibration	94.0 dB(A)			L _{Amax} Day	68.0 dB(A)	L _{Aeq} Day	52.1 dB(A)
Sample Interval	15 minutes			L _{Amax} Evening	59.1 dB(A)	L _{Aeq} Evening	49.5 dB(A)
Operator	Caellum McLevie			L _{Amax} Night	57.1 dB(A)	L _{Aeq} Night	43.4 dB(A)

Date	End Time	Lmax	L1	L10	Leq	L90	L99	Lmin	Rainfall mm	Temp. °C	Relative Humidity %	Air Pressure hPa	Wind Direction	Avg Wind Speed m/s	Wind Speed max m/s	Validity Check
25/06/2025	0:15	58.5	45.6	40.7	38.4	33.7	-	30.8	0.0	14.0	92.0	1018.7	N	1.0	3.0	*
25/06/2025	0:30	58.5	46.6	42.9	40.3	36.4	-	34.0	1.0	14.0	94.0	1018.7	N	2.0	2.0	*
25/06/2025	0:45	53.1	47.5	45.0	42.2	39.0	-	37.1	0.2	14.0	94.0	1018.7	N	1.0	2.0	*
25/06/2025	1:00	50.7	48.2	44.6	42.5	39.8	-	37.9	0.0	14.0	95.0	1018.5	N	1.0	1.0	*
25/06/2025	1:15	53.6	49.2	45.1	42.2	38.4	-	36.1	0.0	14.0	95.0	1018.7	N	1.0	2.0	*
25/06/2025	1:30	53.6	49.5	45.3	41.7	36.0	-	32.9	0.6	15.0	96.0	1018.5	N	1.0	3.0	*
25/06/2025	1:45	61.0	48.3	43.9	40.2	34.2	-	32.2	2.2	15.0	95.0	1017.9	N	0.0	1.0	*
25/06/2025	2:00	61.0	47.2	41.8	38.2	31.8	-	29.8	0.0	14.0	95.0	1018.1		0.0	0.0	*
25/06/2025	2:15	58.5	56.5	47.8	45.0	35.6	-	31.1	0.0	14.0	96.0	1017.9		0.0	0.0	*
25/06/2025	2:30	48.8	45.1	40.7	37.7	32.1	-	29.5	0.0	14.0	96.0	1018.0		0.0	0.0	*
25/06/2025	2:45	47.3	42.9	38.9	35.9	30.0	-	26.7	0.0	14.0	96.0	1017.8		0.0	0.0	*
25/06/2025	3:00	53.2	43.3	39.8	37.0	33.5	-	31.3	0.0	14.0	96.0	1017.8		0.0	0.0	*
25/06/2025	3:15	49.0	43.8	40.2	37.4	33.3	-	30.4	0.0	14.0	96.0	1017.7		0.0	0.0	*
25/06/2025	3:30	58.7	45.5	41.1	38.1	32.0	-	29.3	0.0	14.0	96.0	1017.9	N	0.0	1.0	*
25/06/2025	3:45	51.9	43.5	39.6	37.3	33.4	-	29.7	0.0	14.0	96.0	1017.9	N	1.0	2.0	*
25/06/2025	4:00	50.8	48.6	45.3	42.9	39.2	-	35.5	0.0	14.0	96.0	1018.1	N	1.0	2.0	*
25/06/2025	4:15	53.2	49.1	46.0	43.5	40.4	-	37.9	0.0	14.0	96.0	1018.3	N	2.0	4.0	*
25/06/2025	4:30	68.5	48.9	47.0	45.4	42.7	-	38.9	0.0	14.0	96.0	1018.5	N	3.0	5.0	*
25/06/2025	4:45	74.4	62.1	48.9	49.7	44.3	-	42.3	0.0	14.0	96.0	1018.7	N	2.0	3.0	*
25/06/2025	5:00	60.8	49.4	47.1	45.8	44.0	-	41.6	0.0	13.0	94.0	1018.7	N	3.0	4.0	*
25/06/2025	5:15	51.3	49.3	47.6	46.2	44.6	-	42.5	0.0	13.0	90.0	1018.9	N	3.0	6.0	*
25/06/2025	5:30	54.5	49.6	47.8	46.3	44.5	-	42.5	0.0	13.0	87.0	1019.0	N	3.0	7.0	*
25/06/2025	5:45	55.5	50.3	48.1	46.7	44.9	-	42.7	0.0	12.0	86.0	1019.3	N	3.0	5.0	*
25/06/2025	6:00	64.9	53.3	49.3	48.2	45.6	-	43.7	0.0	12.0	84.0	1019.4	N	3.0	5.0	*
25/06/2025	6:15	59.1	53.0	49.7	48.3	46.2	-	44.4	0.0	12.0	83.0	1019.5	N	3.0	5.0	*
25/06/2025	6:30	65.2	59.0	54.6	51.8	48.2	-	46.1	0.0	12.0	83.0	1019.6	N	2.0	3.0	*
25/06/2025	6:45	68.2	57.5	54.5	51.5	48.4	-	45.7	0.0	11.0	84.0	1019.8	N	1.0	3.0	*
25/06/2025	7:00	67.2	58.7	52.6	51.3	48.5	-	46.1	0.0	11.0	85.0	1019.9	N	1.0	2.0	*
25/06/2025	7:15	68.2	60.9	56.6	53.5	49.4	-	46.9	0.0	11.0	84.0	1020.2	N	1.0	2.0	*
25/06/2025	7:30	68.8	60.9	54.0	52.7	49.4	-	46.9	0.0	11.0	85.0	1020.3	N	1.0	2.0	*
25/06/2025	7:45	72.9	64.5	53.0	53.2	49.3	-	47.2	0.0	11.0	84.0	1020.3	N	1.0	3.0	*
25/06/2025	8:00	65.7	58.7	55.3	52.5	48.9	-	46.4	0.0	11.0	83.0	1020.6	N	2.0	2.0	*
25/06/2025	8:15	65.8	55.7	50.2	48.8	45.9	-	43.5	0.0	12.0	80.0	1020.7	N	2.0	5.0	*
25/06/2025	8:30	71.5	64.8	53.9	53.2	46.2	-	44.1	0.0	12.0	78.0	1020.7	N	3.0	4.0	*
25/06/2025	8:45	66.4	56.5	50.8	49.4	46.3	-	44.0	0.0	12.0	76.0	1020.9	N	3.0	5.0	*
25/06/2025	9:00	66.7	56.9	52.1	49.7	46.4	-	43.9	0.0	12.0	73.0	1021.0	N	3.0	5.0	*
25/06/2025	9:15	67.8	56.2	49.1	48.4	45.2	-	43.4	0.0	13.0	69.0	1021.3	N	3.0	5.0	*
25/06/2025	9:30	63.8	56.6	51.6	49.2	45.8	-	43.6	0.0	13.0	66.0	1021.2	N	3.0	6.0	*
25/06/2025	9:45	58.2	53.4	50.9	49.0	46.5	-	44.6	0.0	14.0	64.0	1021.1	N	3.0	6.0	*
25/06/2025	10:00	62.5	56.2	53.7	51.1	47.4	-	45.3	0.0	14.0	61.0	1021.1	N	4.0	8.0	*
25/06/2025	10:15	74.5	57.3	53.5	51.5	47.4	-	45.2	0.0	14.0	60.0	1021.0	N	4.0	8.0	*
25/06/2025	10:30	76.9	61.6	55.5	54.0	48.1	-	45.8	0.0	14.0	59.0	1021.0	N	4.0	9.0	*
25/06/2025	10:45	72.2	58.7	55.6	53.0	48.5	-	46.1	0.0	14.0	59.0	1020.6	N	4.0	8.0	*
25/06/2025	11:00	76.9	63.0	54.6	53.6	47.8	-	45.4	0.0	15.0	58.0	1020.6	N	4.0	8.0	*
25/06/2025	11:15	64.6	60.1	56.2	53.4	48.8	-	46.0	0.0	15.0	56.0	1020.5	N	4.0	7.0	*
25/06/2025	11:30	67.5	61.0	55.3	52.9	48.2	-	45.9	0.0	15.0	56.0	1020.3	N	4.0	8.0	*
25/06/2025	11:45	65.4	60.1	55.7	52.9	48.1	-	45.5	0.0	15.0	55.0	1020.1	N	4.0	8.0	*
25/06/2025	12:00	67.8	60.0	55.9	53.2	48.1	-	45.4	0.0	16.0	53.0	1019.9	N	4.0	6.0	*
25/06/2025	12:15	65.4	59.0	55.3	52.4	47.7	-	45.2	0.0	16.0	53.0	1019.6	N	4.0	7.0	*
25/06/2025	12:30	67.8	58.4	54.7	51.9	46.9	-	44.1	0.0	16.0	52.0	1019.4	N	4.0	6.0	*
25/06/2025	12:45	68.3	59.6	55.3	52.6	48.0	-	44.8	0.0	16.0	52.0	1019.1	N	4.0	6.0	*
25/06/2025	13:00	76.1	60.8	54.8	52.9	47.4	-	44.7	0.0	17.0	51.0	1018.8	N	4.0	6.0	*
25/06/2025	13:15	73.3	61.6	56.6	53.9	49.1	-	45.8	0.0	17.0	48.0	1018.7	N	4.0	8.0	*
25/06/2025	13:30	76.1	62.4	56.5	54.7	49.0	-	46.3	0.0	17.0	48.0	1018.7	N	5.0	7.0	*
25/06/2025	13:45	73.3	60.2	55.8	53.0	48.2	-	45.0	0.0	17.0	48.0	1018.7	N	5.0	8.0	*
25/06/2025	14:00	64.6	60.8	56.8	53.8	48.4	-	45.9	0.0	17.0	46.0	1018.5	N	5.0	8.0	*
25/06/2025	14:15	68.0	59.6	54.5	52.0	47.0	-	44.3	0.0	17.0	47.0	1018.5	N	4.0	7.0	*
25/06/2025	14:30	64.6	60.8	56.4	53.3	47.6	-	45.1	0.0	17.0	47.0	1018.4	N	4.0	7.0	*
25/06/2025	14:45	78.8	62.5	55.2	54.4	47.9	-	45.5	0.0	17.0	47.0	1018.3	N	4.0	7.0	*
25/06/2025	15:00	63.9	58.7	55.1	52.1	47.4	-	44.7	0.0	17.0	45.0	1018.3	N	5.0	8.0	*

Date	End Time	Lmax	L1	L10	Leq	L90	L99	Lmin	Rainfall mm	Temp. °C	Relative Humidity %	Air Pressure hPa	Wind Direction	Avg Wind Speed m/s	Wind Speed max m/s	Validity Check
25/06/2025	15:15	78.8	61.5	55.9	54.6	48.5	-	45.6	0.0	16.0	46.0	1018.3	N	4.0	7.0	*
25/06/2025	15:30	65.7	58.3	53.4	51.0	46.9	-	44.1	0.0	16.0	47.0	1018.4	N	4.0	6.0	*
25/06/2025	15:45	63.4	57.5	54.6	51.8	48.0	-	45.4	0.0	16.0	48.0	1018.3	N	4.0	7.0	*
25/06/2025	16:00	65.7	57.5	52.3	50.2	46.4	-	44.0	0.0	16.0	50.0	1018.3	N	4.0	5.0	*
25/06/2025	16:15	64.6	55.4	51.6	49.4	46.0	-	43.7	0.0	15.0	50.0	1018.3	N	3.0	6.0	*
25/06/2025	16:30	63.5	58.2	54.6	51.1	46.4	-	43.4	0.0	15.0	51.0	1018.3	N	3.0	5.0	*
25/06/2025	16:45	63.4	54.0	49.0	47.6	45.1	-	42.8	0.0	14.0	53.0	1018.2	N	3.0	4.0	*
25/06/2025	17:00	75.9	62.1	49.9	52.8	44.4	-	41.4	0.0	13.0	55.0	1018.2	N	2.0	3.0	*
25/06/2025	17:15	60.2	51.5	49.0	47.4	45.2	-	42.9	0.0	13.0	58.0	1018.4	N	2.0	3.0	*
25/06/2025	17:30	63.5	54.5	49.6	48.3	45.4	-	42.8	0.0	12.0	59.0	1018.7	N	2.0	4.0	*
25/06/2025	17:45	57.6	50.5	48.0	46.5	44.4	-	42.2	0.0	12.0	60.0	1018.7	N	3.0	4.0	*
25/06/2025	18:00	60.0	57.3	53.6	50.0	46.1	-	44.2	0.0	12.0	59.0	1018.8	N	3.0	4.0	*
25/06/2025	18:15	54.1	49.9	48.4	46.8	44.7	-	42.3	0.0	12.0	59.0	1019.1	N	2.0	4.0	*
25/06/2025	18:30	59.2	54.8	51.5	48.4	44.1	-	41.4	0.0	12.0	57.0	1019.2	N	3.0	4.0	*
25/06/2025	18:45	61.5	59.3	54.0	50.9	45.1	-	42.7	0.0	12.0	57.0	1019.4	N	3.0	4.0	*
25/06/2025	19:00	67.0	55.2	48.9	48.2	44.5	-	41.8	0.0	12.0	58.0	1019.5	N	2.0	4.0	*
25/06/2025	19:15	59.7	51.8	48.6	46.8	44.2	-	41.4	0.0	11.0	58.0	1019.7	N	2.0	3.0	*
25/06/2025	19:30	77.9	71.3	52.9	56.3	44.2	-	41.9	0.0	11.0	60.0	1019.8	N	2.0	3.0	*
25/06/2025	19:45	54.7	51.5	49.7	47.7	44.2	-	41.0	0.0	11.0	59.0	1019.8	N	2.0	4.0	*
25/06/2025	20:00	54.5	52.3	49.9	47.7	44.5	-	42.0	0.0	11.0	60.0	1020.0	N	2.0	4.0	*
25/06/2025	20:15	60.0	55.7	52.9	50.0	45.3	-	42.5	0.0	11.0	60.0	1020.2	N	2.0	4.0	*
25/06/2025	20:30	56.7	55.3	53.3	49.6	42.6	-	40.0	0.0	11.0	61.0	1020.3	N	2.0	5.0	*
25/06/2025	20:45	60.7	52.3	48.3	46.5	43.3	-	41.0	0.0	11.0	61.0	1020.5	N	3.0	5.0	*
25/06/2025	21:00	53.0	51.5	48.7	46.2	43.2	-	41.4	0.0	10.0	62.0	1020.5	N	2.0	4.0	*
25/06/2025	21:15	54.9	51.1	48.9	46.6	42.7	-	40.4	0.0	10.0	63.0	1020.6	N	2.0	4.0	*
25/06/2025	21:30	54.1	51.8	49.8	47.9	45.6	-	42.5	0.0	10.0	63.0	1020.7	N	3.0	4.0	*
25/06/2025	21:45	56.9	52.3	48.4	46.2	43.0	-	39.9	0.0	10.0	63.0	1021.0	N	3.0	5.0	*
25/06/2025	22:00	54.6	53.0	50.0	46.4	41.7	-	39.8	0.0	10.0	63.0	1021.1	N	3.0	5.0	*
25/06/2025	22:15	54.6	52.1	49.4	46.4	42.6	-	40.3	0.0	10.0	64.0	1020.9	N	4.0	7.0	*
25/06/2025	22:30	56.2	50.9	47.9	45.9	42.7	-	39.2	0.0	10.0	65.0	1021.0	N	4.0	7.0	*
25/06/2025	22:45	54.6	50.4	47.7	45.5	42.2	-	38.5	0.0	9.0	67.0	1021.0	N	3.0	6.0	*
25/06/2025	23:00	58.2	50.0	45.3	43.2	39.9	-	37.7	0.0	9.0	68.0	1021.0	N	3.0	6.0	*
25/06/2025	23:15	55.2	51.1	48.4	45.2	40.6	-	38.2	0.0	9.0	69.0	1020.9	N	3.0	7.0	*
25/06/2025	23:30	55.2	50.4	46.9	44.2	40.3	-	37.8	0.0	9.0	70.0	1020.9	N	4.0	8.0	*
25/06/2025	23:45	60.8	53.5	49.8	46.4	40.9	-	38.5	0.0	9.0	70.0	1020.6	N	4.0	8.0	*
25/06/2025	0:00	58.9	50.0	45.8	43.6	40.0	-	37.4	0.0	9.0	70.0	1020.6	N	4.0	8.0	*

Noise Monitoring Data Sheet - Noise Trace



V25-107 | 15 Racecourse Road, Oakey 4401 | Noise Monitoring Sheet

District Darling Downs South West
State Road -
Address 15 Racecourse Road, Oakey 4401
Lot and RP numbers 62/O1524
Owner
Date 26/06/2025
Comments West of the mill located at 14-28 Katrina Street, Oakey QLD 4401



Date Measurement Number

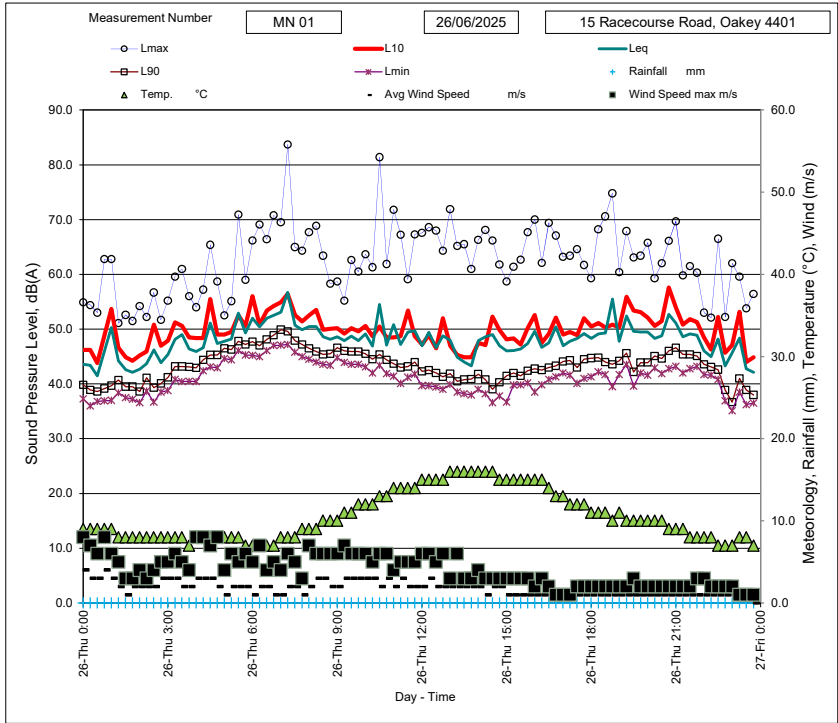
26/06/2025 MN 01

Instrument Type	Larson Davis	Microphone Ht.	1.5m	L _{A90} Day	43.9 dB(A)	RBL Day	40.8 dB(A)
Serial Number	3340	Façade Corrected	No	L _{A90} Evening	44.7 dB(A)	RBL Evening	43.8 dB(A)
Pre Calibration	94.0 dB(A)			L _{A90} Night	42.2 dB(A)	RBL Night	38.6 dB(A)
Post Calibration	94.0 dB(A)			L _{Amax} Day	65.6 dB(A)	L _{Aeq} Day	49.4 dB(A)
Sample Interval	15 minutes			L _{Amax} Evening	64.6 dB(A)	L _{Aeq} Evening	50.5 dB(A)
Operator	Caellum McLevie			L _{Amax} Night	57.7 dB(A)	L _{Aeq} Night	46.4 dB(A)

Date	End Time	Lmax	L1	L10	Leq	L90	L99	Lmin	Rainfall mm	Temp. °C	Relative Humidity %	Air Pressure hPa	Wind Direction	Avg Wind Speed m/s	Wind Speed max m/s	Validity Check
26/06/2025	0:15	54.9	48.9	46.2	43.6	39.8	-	37.3	0.0	9.0	70.0	1020.5	N	4.0	8.0	*
26/06/2025	0:30	54.4	49.0	46.2	43.4	38.9	-	36.0	0.0	9.0	71.0	1020.4	N	3.0	7.0	*
26/06/2025	0:45	53.0	48.6	43.8	41.5	38.6	-	36.8	0.0	9.0	72.0	1020.3	N	3.0	6.0	*
26/06/2025	1:00	62.8	54.7	48.8	45.9	39.2	-	36.9	0.0	9.0	72.0	1020.4	N	4.0	8.0	*
26/06/2025	1:15	62.8	60.7	53.7	50.3	39.7	-	37.0	0.0	9.0	72.0	1020.4	N	3.0	6.0	*
26/06/2025	1:30	51.1	48.9	46.6	44.2	40.7	-	38.4	0.0	8.0	74.0	1020.4	N	2.0	5.0	*
26/06/2025	1:45	52.6	48.8	44.9	42.6	39.5	-	37.5	0.0	8.0	75.0	1020.4	N	1.0	3.0	*
26/06/2025	2:00	51.5	48.5	44.2	42.1	39.5	-	37.2	0.0	8.0	74.0	1020.3	N	2.0	3.0	*
26/06/2025	2:15	54.2	48.6	45.2	42.7	38.6	-	36.6	0.0	8.0	74.0	1020.4	N	2.0	4.0	*
26/06/2025	2:30	52.2	48.2	45.9	43.7	41.1	-	38.7	0.0	8.0	77.0	1020.5	N	2.0	3.0	*
26/06/2025	2:45	56.7	54.5	50.8	46.2	39.3	-	36.7	0.0	8.0	77.0	1020.5	N	2.0	4.0	*
26/06/2025	3:00	51.7	49.4	47.0	43.9	40.1	-	38.5	0.0	8.0	75.0	1020.4	N	3.0	5.0	*
26/06/2025	3:15	55.2	50.6	47.9	45.4	41.2	-	38.8	0.0	8.0	76.0	1020.2	N	3.0	5.0	*
26/06/2025	3:30	59.6	57.8	51.2	48.1	43.2	-	40.8	0.0	8.0	77.0	1020.1	N	3.0	6.0	*
26/06/2025	3:45	61.0	59.1	50.6	49.0	43.2	-	40.4	0.0	8.0	76.0	1020.4	N	2.0	5.0	*
26/06/2025	4:00	56.0	50.8	48.5	46.4	43.1	-	40.5	0.0	7.0	78.0	1020.6	N	2.0	4.0	*
26/06/2025	4:15	54.0	52.2	48.4	45.9	42.9	-	40.4	0.0	8.0	78.0	1020.8	N	3.0	8.0	*
26/06/2025	4:30	57.2	50.6	48.4	46.6	44.4	-	42.4	0.0	8.0	78.0	1020.9	N	3.0	8.0	*
26/06/2025	4:45	65.4	59.9	55.5	51.1	45.3	-	43.1	0.0	8.0	79.0	1021.0	N	3.0	7.0	*
26/06/2025	5:00	58.7	52.0	49.0	47.4	45.3	-	42.9	0.0	8.0	79.0	1021.1	N	2.0	8.0	*
26/06/2025	5:15	52.5	50.4	49.0	47.8	46.5	-	44.6	0.0	8.0	80.0	1020.9	N	1.0	4.0	*
26/06/2025	5:30	55.1	53.6	49.5	48.2	46.3	-	44.4	0.0	8.0	79.0	1021.0	N	2.0	6.0	*
26/06/2025	5:45	70.9	65.2	52.5	52.9	47.8	-	46.1	0.0	8.0	79.0	1021.4	N	2.0	5.0	*
26/06/2025	6:00	59.0	54.4	50.6	49.3	47.2	-	45.3	0.0	7.0	79.0	1021.6	N	2.0	6.0	*
26/06/2025	6:15	66.2	60.0	56.0	52.0	47.7	-	45.2	0.0	7.0	78.0	1021.7	N	1.0	5.0	*
26/06/2025	6:30	69.1	60.7	50.8	50.4	47.0	-	45.0	0.0	7.0	76.0	1021.8	N	2.0	7.0	*
26/06/2025	6:45	66.4	61.5	53.4	52.0	48.1	-	46.1	0.0	7.0	75.0	1022.2	N	2.0	4.0	*
26/06/2025	7:00	70.8	61.4	54.2	52.5	48.9	-	47.0	0.0	7.0	76.0	1022.7	N	1.0	5.0	*
26/06/2025	7:15	69.5	60.9	54.9	53.1	49.9	-	47.1	0.0	8.0	76.0	1022.9	N	1.0	4.0	*
26/06/2025	7:30	83.7	62.2	56.4	56.7	49.6	-	47.2	0.0	8.0	76.0	1023.2	N	2.0	6.0	*
26/06/2025	7:45	65.0	56.0	52.6	50.7	47.9	-	45.8	0.0	8.0	75.0	1023.3	N	2.0	5.0	*
26/06/2025	8:00	64.3	57.6	51.4	49.9	47.2	-	45.0	0.0	9.0	74.0	1023.6	N	1.0	3.0	*
26/06/2025	8:15	67.7	59.4	52.5	50.5	46.5	-	44.5	0.0	9.0	73.0	1023.9	N	2.0	7.0	*
26/06/2025	8:30	68.9	58.4	53.5	50.5	45.9	-	44.0	0.0	9.0	72.0	1024.0	N	3.0	6.0	*
26/06/2025	8:45	63.4	55.6	49.9	48.6	45.4	-	43.6	0.0	10.0	72.0	1024.2	N	3.0	6.0	*
26/06/2025	9:00	58.3	52.1	50.1	48.1	45.5	-	43.4	0.0	10.0	73.0	1024.5	N	2.0	6.0	*
26/06/2025	9:15	58.7	52.9	50.2	48.6	46.6	-	44.8	0.0	10.0	72.0	1024.6	N	2.0	6.0	*
26/06/2025	9:30	55.2	51.4	49.2	47.9	46.0	-	43.9	0.0	11.0	67.0	1024.5	N	3.0	7.0	*
26/06/2025	9:45	62.6	55.3	50.2	48.7	45.9	-	43.6	0.0	11.0	66.0	1024.7	N	3.0	6.0	*
26/06/2025	10:00	60.5	52.1	49.6	47.9	45.9	-	43.6	0.0	12.0	62.0	1024.5	N	3.0	6.0	*
26/06/2025	10:15	63.7	57.3	50.6	49.1	45.5	-	43.1	0.0	12.0	60.0	1024.7	N	3.0	6.0	*
26/06/2025	10:30	61.3	52.5	48.7	46.9	44.5	-	42.0	0.0	12.0	59.0	1024.6	N	3.0	5.0	*
26/06/2025	10:45	81.4	62.6	50.5	54.5	45.4	-	43.4	0.0	13.0	58.0	1024.7	N	2.0	6.0	*
26/06/2025	11:00	61.9	53.0	48.5	47.1	44.4	-	41.9	0.0	13.0	54.0	1024.5	N	3.0	6.0	*
26/06/2025	11:15	71.8	64.7	48.5	50.8	43.7	-	41.4	0.0	14.0	48.0	1024.5	N	2.0	4.0	*
26/06/2025	11:30	67.2	53.1	48.7	47.2	43.0	-	40.1	0.0	14.0	47.0	1024.1	N	3.0	5.0	*
26/06/2025	11:45	59.1	56.7	53.4	49.5	43.2	-	41.2	0.0	14.0	42.0	1023.6	N	2.0	5.0	*
26/06/2025	12:00	67.3	62.5	48.7	49.7	44.0	-	41.8	0.0	14.0	44.0	1023.5	N	2.0	5.0	*
26/06/2025	12:15	67.6	58.3	47.2	47.0	42.3	-	39.7	0.0	15.0	40.0	1023.3	N	2.0	6.0	*
26/06/2025	12:30	68.6	60.3	48.9	49.4	42.5	-	39.7	0.0	15.0	39.0	1023.0	N	3.0	6.0	*
26/06/2025	12:45	68.0	55.5	46.5	46.6	42.0	-	39.4	0.0	15.0	40.0	1023.1	N	2.0	5.0	*
26/06/2025	13:00	64.3	58.8	52.0	48.8	41.3	-	39.0	0.0	15.0	36.0	1022.9	N	2.0	6.0	*
26/06/2025	13:15	71.9	54.2	47.0	48.0	41.9	-	39.9	0.0	16.0	36.0	1022.9	N	2.0	3.0	*
26/06/2025	13:30	65.2	53.3	45.3	44.9	40.5	-	38.5	0.0	16.0	36.0	1022.9	N	2.0	6.0	*
26/06/2025	13:45	65.5	49.6	44.9	44.0	40.8	-	38.2	0.0	16.0	36.0	1023.0	N	2.0	3.0	*
26/06/2025	14:00	61.0	47.7	44.9	43.3	40.9	-	38.0	0.0	16.0	37.0	1022.9	N	2.0	3.0	*
26/06/2025	14:15	66.3	60.7	47.5	47.9	41.8	-	39.0	0.0	16.0	36.0	1022.8	N	2.0	4.0	*
26/06/2025	14:30	68.1	62.3	47.1	48.6	40.8	-	38.2	0.0	16.0	38.0	1022.9	N	1.0	3.0	*
26/06/2025	14:45	66.2	60.6	52.3	49.0	39.0	-	36.6	0.0	16.0	37.0	1022.9	N	2.0	3.0	*
26/06/2025	15:00	61.8	57.2	49.8	47.0	40.3	-	37.8	0.0	15.0	37.0	1023.1	N	2.0	3.0	*

Date	End Time	Lmax	L1	L10	Leq	L90	L99	Lmin	Rainfall mm	Temp. °C	Relative Humidity %	Air Pressure hPa	Wind Direction	Avg Wind Speed m/s	Wind Speed max m/s	Validity Check
26/06/2025	15:15	58.7	54.9	48.1	46.0	41.5	-	36.7	0.0	15.0	37.0	1023.1	N	1.0	3.0	*
26/06/2025	15:30	61.4	55.4	48.3	46.1	42.0	-	39.8	0.0	15.0	38.0	1023.3	N	1.0	3.0	*
26/06/2025	15:45	62.7	57.3	47.2	46.4	41.5	-	39.8	0.0	15.0	38.0	1023.3	N	1.0	3.0	*
26/06/2025	16:00	67.7	55.6	50.2	47.4	42.4	-	40.2	0.0	15.0	37.0	1023.6	N	1.0	3.0	*
26/06/2025	16:15	70.0	57.7	52.6	49.6	42.8	-	38.5	0.0	15.0	38.0	1023.8	N	1.0	2.0	*
26/06/2025	16:30	62.1	56.6	47.5	46.7	42.5	-	39.8	0.0	15.0	39.0	1023.9	N	1.0	3.0	*
26/06/2025	16:45	69.4	56.9	49.1	47.5	43.0	-	40.8	0.0	14.0	41.0	1024.3	N	1.0	2.0	*
26/06/2025	17:00	67.1	62.7	52.1	50.4	43.3	-	41.3	0.0	13.0	42.0	1024.3	N	1.0	1.0	*
26/06/2025	17:15	63.2	53.4	49.0	47.0	44.1	-	42.0	0.0	13.0	44.0	1024.6	N	1.0	1.0	*
26/06/2025	17:30	63.4	54.2	49.5	47.8	44.3	-	41.6	0.0	12.0	45.0	1024.8	N	1.0	1.0	*
26/06/2025	17:45	64.6	58.9	48.9	48.3	43.0	-	40.1	0.0	12.0	47.0	1025.0	N	1.0	2.0	*
26/06/2025	18:00	61.7	56.4	52.0	49.2	44.5	-	41.0	0.0	12.0	49.0	1025.3	N	1.0	2.0	*
26/06/2025	18:15	59.3	55.1	50.5	48.3	44.7	-	41.3	0.0	11.0	50.0	1025.6	N	1.0	2.0	*
26/06/2025	18:30	68.2	56.6	51.1	49.1	44.8	-	42.2	0.0	11.0	51.0	1025.8	N	1.0	2.0	*
26/06/2025	18:45	70.6	59.7	50.3	49.3	44.0	-	41.7	0.0	11.0	53.0	1026.0	N	1.0	2.0	*
26/06/2025	19:00	74.8	70.9	50.8	55.5	43.6	-	39.5	0.0	10.0	53.0	1026.2	N	1.0	2.0	*
26/06/2025	19:15	60.4	54.7	50.3	47.8	44.2	-	41.7	0.0	11.0	54.0	1026.4	N	1.0	2.0	*
26/06/2025	19:30	67.9	60.5	55.9	52.4	45.6	-	43.6	0.0	10.0	54.0	1026.4	N	1.0	2.0	*
26/06/2025	19:45	63.1	60.2	53.4	49.6	42.2	-	39.6	0.0	10.0	54.0	1026.5	N	1.0	3.0	*
26/06/2025	20:00	63.4	56.9	53.1	49.5	43.9	-	42.0	0.0	10.0	53.0	1026.5	N	1.0	2.0	*
26/06/2025	20:15	65.8	59.0	52.1	49.5	43.9	-	41.6	0.0	10.0	54.0	1026.7	N	1.0	2.0	*
26/06/2025	20:30	59.3	54.4	50.6	48.3	45.1	-	42.9	0.0	10.0	55.0	1026.8	N	1.0	2.0	*
26/06/2025	20:45	62.0	56.4	51.5	48.8	44.6	-	41.9	0.0	10.0	54.0	1026.8	N	1.0	2.0	*
26/06/2025	21:00	66.1	61.0	57.6	52.7	46.0	-	42.8	0.0	9.0	52.0	1026.9	N	1.0	2.0	*
26/06/2025	21:15	69.7	58.0	54.0	51.1	46.6	-	43.2	0.0	9.0	49.0	1026.9	N	1.0	2.0	*
26/06/2025	21:30	59.8	55.9	50.8	48.6	45.4	-	42.0	0.0	9.0	48.0	1027.1	N	1.0	2.0	*
26/06/2025	21:45	61.5	57.0	51.8	49.1	45.4	-	42.8	0.0	8.0	50.0	1027.1	N	1.0	2.0	*
26/06/2025	22:00	60.3	56.4	51.3	48.9	45.1	-	43.2	0.0	8.0	49.0	1027.0	N	1.0	3.0	*
26/06/2025	22:15	53.0	50.7	48.5	46.0	43.6	-	41.7	0.0	8.0	50.0	1027.1	N	1.0	3.0	*
26/06/2025	22:30	52.1	49.9	46.3	45.0	43.1	-	41.6	0.0	8.0	53.0	1027.2	N	1.0	2.0	*
26/06/2025	22:45	66.5	57.4	52.2	48.2	42.6	-	40.8	0.0	7.0	55.0	1027.1	N	1.0	2.0	*
26/06/2025	23:00	52.2	48.5	45.7	43.3	38.9	-	36.9	0.0	7.0	55.0	1027.2	N	1.0	2.0	*
26/06/2025	23:15	62.0	57.3	47.1	45.7	36.7	-	35.1	0.0	7.0	55.0	1027.0	N	1.0	2.0	*
26/06/2025	23:30	59.6	58.1	53.2	48.4	41.0	-	38.5	0.0	8.0	54.0	1026.9	N	1.0	1.0	*
26/06/2025	23:45	53.8	51.1	44.0	42.8	38.9	-	36.2	0.0	8.0	54.0	1027.1	N	1.0	1.0	*
26/06/2025	0:00	56.4	50.9	44.9	42.1	38.0	-	36.5	0.0	7.0	57.0	1027.2	N	0.0	1.0	*

Noise Monitoring Data Sheet - Noise Trace



V25-107 | 15 Racecourse Road, Oakey 4401 | Noise Monitoring Sheet

District Darling Downs South West
 State Road -
 Address 15 Racecourse Road, Oakey 4401
 Lot and RP numbers 62/O1524
 Owner
 Date 27/06/2025
 Comments West of the mill located at 14-28 Katrina Street, Oakey QLD 4401



Date Measurement Number

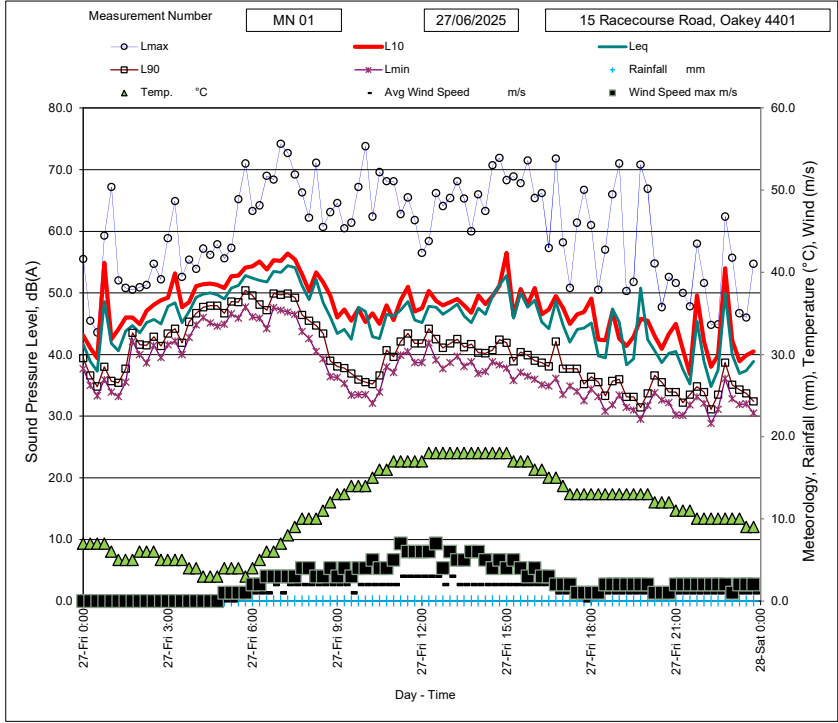
27/06/2025 MN 01

Instrument Type	Larson Davis	Microphone Ht.	1.5m	L _{A90} Day	41.2 dB(A)	RBL Day	37.1 dB(A)
Serial Number	3340	Façade Corrected	No	L _{A90} Evening	34.3 dB(A)	RBL Evening	32.7 dB(A)
Pre Calibration	94.0 dB(A)			L _{A90} Night	41.3 dB(A)	RBL Night	33.7 dB(A)
Post Calibration	94.0 dB(A)			L _{Amax} Day	65.4 dB(A)	L _{Aeq} Day	48.7 dB(A)
Sample Interval	15 minutes			L _{Amax} Evening	57.3 dB(A)	L _{Aeq} Evening	43.6 dB(A)
Operator	Caellum McLevie			L _{Amax} Night	55.5 dB(A)	L _{Aeq} Night	45.1 dB(A)

Date	End Time	Lmax	L1	L10	Leq	L90	L99	Lmin	Rainfall mm	Temp. °C	Relative Humidity %	Air Pressure hPa	Wind Direction	Avg Wind Speed m/s	Wind Speed max m/s	Validity Check
27/06/2025	0:15	55.5	46.9	43.1	41.7	39.4	-	37.7	0.0	7.0	58.0	1027.0		0.0	0.0	*
27/06/2025	0:30	45.5	43.6	41.1	38.9	36.6	-	35.0	0.0	7.0	58.0	1027.0		0.0	0.0	*
27/06/2025	0:45	43.6	41.6	39.4	37.3	34.8	-	33.3	0.0	7.0	59.0	1027.1		0.0	0.0	*
27/06/2025	1:00	59.3	58.0	54.9	48.6	38.0	-	35.9	0.0	7.0	58.0	1027.0		0.0	0.0	*
27/06/2025	1:15	67.2	50.5	42.5	41.8	35.7	-	33.9	0.0	6.0	61.0	1027.0		0.0	0.0	*
27/06/2025	1:30	52.0	49.4	44.1	40.6	35.4	-	33.2	0.0	5.0	64.0	1026.8		0.0	0.0	*
27/06/2025	1:45	50.8	48.7	46.0	43.8	37.7	-	35.5	0.0	5.0	64.0	1026.7		0.0	0.0	*
27/06/2025	2:00	50.5	48.1	46.0	44.7	43.5	-	42.1	0.0	5.0	65.0	1026.7		0.0	0.0	*
27/06/2025	2:15	50.9	47.9	44.9	43.5	41.6	-	40.0	0.0	6.0	65.0	1026.6		0.0	0.0	*
27/06/2025	2:30	51.3	48.8	47.1	45.2	41.5	-	38.6	0.0	6.0	63.0	1026.4		0.0	0.0	*
27/06/2025	2:45	54.7	52.4	48.1	45.7	42.9	-	41.5	0.0	6.0	64.0	1026.3		0.0	0.0	*
27/06/2025	3:00	52.2	50.5	48.8	45.0	41.4	-	39.5	0.0	5.0	68.0	1026.2		0.0	0.0	*
27/06/2025	3:15	58.9	57.1	49.2	47.8	43.4	-	41.6	0.0	5.0	69.0	1026.1		0.0	0.0	*
27/06/2025	3:30	64.9	55.7	53.2	48.4	44.2	-	42.2	0.0	5.0	70.0	1026.0		0.0	0.0	*
27/06/2025	3:45	52.6	50.6	47.7	45.2	41.9	-	40.0	0.0	5.0	72.0	1025.8		0.0	0.0	*
27/06/2025	4:00	55.4	51.4	48.5	47.0	45.3	-	42.8	0.0	4.0	74.0	1025.8		0.0	0.0	*
27/06/2025	4:15	53.9	52.5	51.1	49.3	46.7	-	44.8	0.0	4.0	75.0	1025.9		0.0	0.0	*
27/06/2025	4:30	57.2	53.7	51.4	49.8	47.7	-	46.0	0.0	3.0	76.0	1026.0		0.0	0.0	*
27/06/2025	4:45	56.2	54.0	51.5	50.0	47.9	-	45.1	0.0	3.0	77.0	1026.2		0.0	0.0	*
27/06/2025	5:00	57.9	53.3	51.3	49.7	47.9	-	44.6	0.0	3.0	76.0	1026.2		0.0	0.0	*
27/06/2025	5:15	55.6	52.2	50.8	49.0	46.7	-	44.9	0.0	4.0	77.0	1026.3	N	0.0	1.0	*
27/06/2025	5:30	57.3	55.0	52.7	50.8	48.6	-	46.6	0.0	4.0	76.0	1026.3	N	0.0	1.0	*
27/06/2025	5:45	65.2	55.3	52.8	51.2	48.5	-	45.9	0.0	4.0	75.0	1026.4	N	1.0	1.0	*
27/06/2025	6:00	71.0	58.4	54.1	52.8	50.4	-	47.7	0.0	3.0	76.0	1026.5	N	1.0	1.0	*
27/06/2025	6:15	63.3	58.2	54.3	52.4	49.6	-	46.1	0.0	4.0	77.0	1026.7	N	1.0	2.0	*
27/06/2025	6:30	64.2	57.5	55.1	52.0	48.1	-	45.9	0.0	5.0	77.0	1026.9	N	1.0	2.0	*
27/06/2025	6:45	69.0	60.7	53.8	51.8	47.2	-	44.2	0.0	6.0	75.0	1027.1	N	1.0	3.0	*
27/06/2025	7:00	68.4	61.9	55.3	53.5	49.9	-	47.6	0.0	6.0	74.0	1027.3	N	2.0	3.0	*
27/06/2025	7:15	74.2	60.1	55.2	53.3	49.7	-	47.2	0.0	7.0	74.0	1027.3	N	1.0	3.0	*
27/06/2025	7:30	72.7	63.6	56.4	54.4	49.9	-	46.9	0.0	8.0	72.0	1027.5	N	2.0	3.0	*
27/06/2025	7:45	69.2	65.0	55.4	54.1	49.2	-	46.5	0.0	9.0	69.0	1027.7	N	2.0	3.0	*
27/06/2025	8:00	66.3	61.2	53.0	51.2	46.4	-	43.7	0.0	10.0	67.0	1027.7	N	2.0	4.0	*
27/06/2025	8:15	62.2	56.8	50.3	48.9	45.5	-	42.6	0.0	10.0	68.0	1027.9	N	2.0	4.0	*
27/06/2025	8:30	71.1	64.1	53.3	52.2	44.7	-	40.5	0.0	10.0	68.0	1028.0	N	2.0	3.0	*
27/06/2025	8:45	60.7	55.4	51.7	48.4	43.4	-	39.3	0.0	11.0	63.0	1027.9	N	2.0	3.0	*
27/06/2025	9:00	63.1	55.0	49.6	46.1	39.0	-	36.4	0.0	12.0	60.0	1028.0	N	2.0	4.0	*
27/06/2025	9:15	64.6	51.8	46.0	43.4	38.1	-	36.3	0.0	13.0	60.0	1028.0	N	2.0	3.0	*
27/06/2025	9:30	60.5	52.1	47.3	44.1	37.8	-	35.3	0.0	13.0	59.0	1028.0	N	2.0	4.0	*
27/06/2025	9:45	61.4	50.2	45.5	42.5	36.9	-	33.4	0.0	14.0	58.0	1027.9	N	1.0	3.0	*
27/06/2025	10:00	67.2	60.9	47.4	47.7	35.9	-	33.5	0.0	14.0	58.0	1027.8	N	2.0	4.0	*
27/06/2025	10:15	73.8	54.8	45.3	47.0	35.5	-	33.5	0.0	14.0	57.0	1027.6	N	2.0	4.0	*
27/06/2025	10:30	62.4	51.6	46.7	42.9	35.2	-	32.1	0.0	15.0	56.0	1027.5	N	2.0	5.0	*
27/06/2025	10:45	69.6	50.0	45.0	42.6	36.6	-	33.9	0.0	16.0	54.0	1027.5	N	2.0	4.0	*
27/06/2025	11:00	68.1	57.0	48.0	46.5	40.7	-	38.0	0.0	16.0	55.0	1027.3	N	2.0	4.0	*
27/06/2025	11:15	68.1	57.1	45.6	46.2	39.6	-	37.1	0.0	17.0	54.0	1026.9	N	2.0	5.0	*
27/06/2025	11:30	62.8	56.7	48.8	47.2	42.1	-	39.9	0.0	17.0	56.0	1026.8	N	3.0	7.0	*
27/06/2025	11:45	65.5	57.9	51.0	48.6	43.4	-	40.5	0.0	17.0	55.0	1026.6	N	3.0	6.0	*
27/06/2025	12:00	61.8	53.8	47.0	45.6	41.8	-	38.7	0.0	17.0	56.0	1026.2	N	3.0	6.0	*
27/06/2025	12:15	56.5	50.8	47.5	45.2	41.8	-	38.7	0.0	17.0	56.0	1025.9	N	3.0	6.0	*
27/06/2025	12:30	58.4	54.4	50.3	47.8	44.2	-	41.9	0.0	18.0	56.0	1025.9	N	3.0	6.0	*
27/06/2025	12:45	66.2	55.0	48.7	47.7	42.5	-	39.1	0.0	18.0	53.0	1025.8	N	3.0	7.0	*
27/06/2025	13:00	64.1	56.2	48.0	46.5	41.1	-	37.7	0.0	18.0	52.0	1025.5	N	2.0	4.0	*
27/06/2025	13:15	65.4	58.0	48.5	47.3	41.8	-	38.7	0.0	18.0	52.0	1025.5	N	3.0	6.0	*
27/06/2025	13:30	68.1	57.1	49.0	48.2	42.5	-	39.7	0.0	18.0	51.0	1025.4	N	2.0	5.0	*
27/06/2025	13:45	65.3	53.4	47.9	46.2	41.2	-	38.1	0.0	18.0	51.0	1025.4	N	2.0	5.0	*
27/06/2025	14:00	60.0	54.3	46.8	45.2	41.7	-	38.8	0.0	18.0	50.0	1025.3	N	2.0	6.0	*
27/06/2025	14:15	66.0	58.4	49.6	47.5	40.3	-	36.9	0.0	18.0	51.0	1025.2	N	2.0	6.0	*
27/06/2025	14:30	63.3	56.0	48.2	46.5	40.2	-	37.2	0.0	18.0	52.0	1025.2	N	2.0	5.0	*
27/06/2025	14:45	70.7	63.1	49.5	49.5	40.7	-	38.8	0.0	18.0	51.0	1025.2	N	2.0	4.0	*
27/06/2025	15:00	71.9	63.9	51.2	51.3	42.4	-	38.3	0.0	18.0	51.0	1025.1	N	2.0	5.0	*

Date	End Time	Lmax	L1	L10	Leq	L90	L99	Lmin	Rainfall mm	Temp. °C	Relative Humidity %	Air Pressure hPa	Wind Direction	Avg Wind Speed m/s	Wind Speed max m/s	Validity Check
27/06/2025	15:15	68.3	63.7	56.5	52.8	41.9	-	37.8	0.0	18.0	52.0	1025.1	N	2.0	4.0	*
27/06/2025	15:30	68.9	56.4	46.2	45.9	38.9	-	35.8	0.0	17.0	53.0	1025.2	N	2.0	5.0	*
27/06/2025	15:45	67.8	62.4	50.6	50.0	40.4	-	37.1	0.0	17.0	54.0	1025.3	N	2.0	4.0	*
27/06/2025	16:00	71.5	59.2	48.1	47.7	39.9	-	36.5	0.0	17.0	56.0	1025.5	N	2.0	3.0	*
27/06/2025	16:15	65.4	59.9	50.8	48.8	39.0	-	36.0	0.0	16.0	58.0	1025.6	N	2.0	4.0	*
27/06/2025	16:30	66.2	54.7	46.5	45.3	38.7	-	35.1	0.0	16.0	60.0	1025.6	N	2.0	3.0	*
27/06/2025	16:45	57.3	51.5	47.3	44.2	38.1	-	34.9	0.0	15.0	62.0	1025.6	N	2.0	3.0	*
27/06/2025	17:00	71.8	57.0	49.5	48.6	42.1	-	36.1	0.0	15.0	64.0	1025.9	N	1.0	2.0	*
27/06/2025	17:15	58.2	52.7	47.5	44.7	37.7	-	33.5	0.0	14.0	66.0	1026.0	N	1.0	2.0	*
27/06/2025	17:30	50.8	48.1	45.0	42.0	37.7	-	34.9	0.0	13.0	68.0	1026.2	N	1.0	2.0	*
27/06/2025	17:45	61.4	53.4	46.5	44.1	37.7	-	34.0	0.0	13.0	70.0	1026.2	N	1.0	1.0	*
27/06/2025	18:00	66.7	53.7	46.9	44.3	35.2	-	32.5	0.0	13.0	70.0	1026.3	N	0.0	1.0	*
27/06/2025	18:15	61.0	54.8	49.1	45.1	36.4	-	34.4	0.0	13.0	71.0	1026.4	N	1.0	1.0	*
27/06/2025	18:30	50.5	46.6	42.4	39.8	35.5	-	33.2	0.0	13.0	72.0	1026.5	N	1.0	1.0	*
27/06/2025	18:45	57.0	47.0	42.3	39.5	33.3	-	30.8	0.0	13.0	73.0	1026.7	N	1.0	2.0	*
27/06/2025	19:00	66.0	61.4	47.0	47.4	35.7	-	31.8	0.0	13.0	72.0	1026.8	N	1.0	2.0	*
27/06/2025	19:15	71.0	52.5	42.6	45.3	36.0	-	33.4	0.0	13.0	73.0	1027.1	N	1.0	2.0	*
27/06/2025	19:30	50.3	45.3	41.4	38.3	33.1	-	31.4	0.0	13.0	73.0	1027.1	N	1.0	2.0	*
27/06/2025	19:45	51.8	48.3	42.9	39.3	33.1	-	31.0	0.0	13.0	73.0	1027.1	N	1.0	2.0	*
27/06/2025	20:00	70.8	66.0	45.8	50.8	31.4	-	29.5	0.0	13.0	73.0	1027.1	N	1.0	2.0	*
27/06/2025	20:15	66.9	51.6	45.5	42.4	33.7	-	31.7	0.0	13.0	74.0	1027.1	N	1.0	2.0	*
27/06/2025	20:30	54.8	48.2	43.0	40.6	36.6	-	33.8	0.0	12.0	75.0	1027.3	N	1.0	1.0	*
27/06/2025	20:45	47.7	43.9	40.9	38.7	35.5	-	32.6	0.0	12.0	76.0	1027.3	N	1.0	1.0	*
27/06/2025	21:00	52.6	49.5	43.3	40.2	33.9	-	32.2	0.0	12.0	77.0	1027.3	N	1.0	1.0	*
27/06/2025	21:15	51.6	48.7	45.0	40.5	33.9	-	30.2	0.0	11.0	78.0	1027.3	N	1.0	2.0	*
27/06/2025	21:30	50.0	46.3	40.8	37.6	32.2	-	30.1	0.0	11.0	79.0	1027.3	N	1.0	2.0	*
27/06/2025	21:45	47.8	38.9	36.8	35.2	33.5	-	31.8	0.0	11.0	80.0	1027.3	N	1.0	2.0	*
27/06/2025	22:00	58.0	56.3	49.6	45.4	34.8	-	33.1	0.0	10.0	81.0	1027.3	N	1.0	2.0	*
27/06/2025	22:15	51.6	47.0	42.1	38.9	33.9	-	32.1	0.0	10.0	82.0	1027.2	N	1.0	2.0	*
27/06/2025	22:30	44.8	41.3	38.0	34.8	31.1	-	28.8	0.0	10.0	82.0	1027.1	N	1.0	2.0	*
27/06/2025	22:45	44.9	42.6	39.9	37.5	33.5	-	31.1	0.0	10.0	81.0	1027.1	N	1.0	2.0	*
27/06/2025	23:00	62.4	60.6	54.0	49.9	38.7	-	36.1	0.0	10.0	81.0	1026.9	N	1.0	2.0	*
27/06/2025	23:15	55.7	48.5	42.3	40.0	35.1	-	32.8	0.0	10.0	82.0	1026.8	N	1.0	1.0	*
27/06/2025	23:30	46.7	43.3	38.9	36.9	34.3	-	31.9	0.0	10.0	82.0	1026.7	N	1.0	2.0	*
27/06/2025	23:45	46.0	43.4	39.9	37.4	33.7	-	32.0	0.0	9.0	83.0	1026.6	N	1.0	2.0	*
27/06/2025	0:00	54.7	50.7	40.5	38.9	32.4	-	30.5	0.0	9.0	84.0	1026.7	N	1.0	2.0	*

Noise Monitoring Data Sheet - Noise Trace



V25-107 | 15 Racecourse Road, Oakey 4401 | Noise Monitoring Sheet

District Darling Downs South West
State Road -
Address 15 Racecourse Road, Oakey 4401
Lot and RP numbers 62/O1524
Owner
Date 28/06/2025
Comments West of the mill located at 14-28 Katrina Street, Oakey QLD 4401



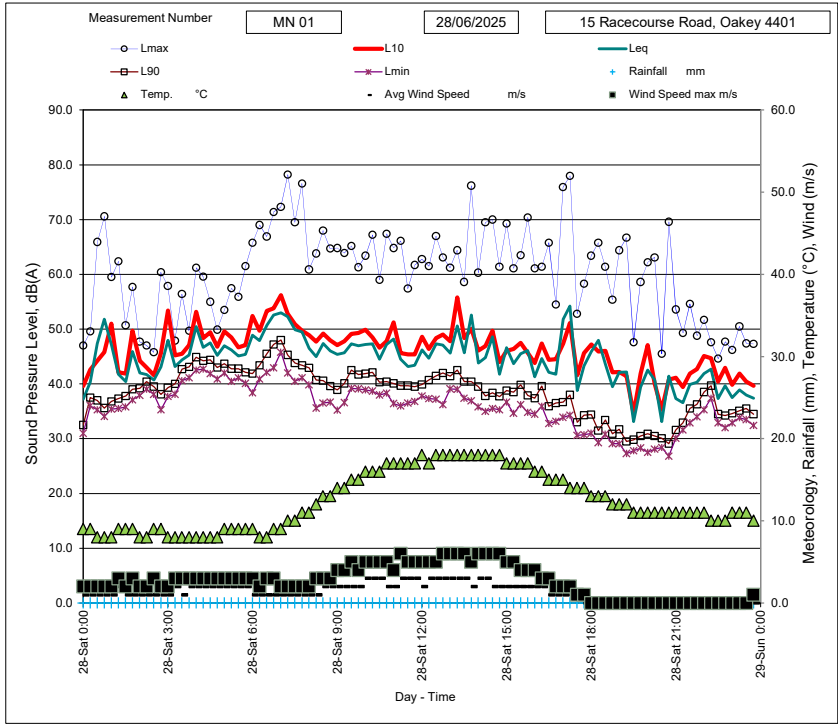
Date Measurement Number
28/06/2025 MN 01

Instrument Type	Larson Davis	Microphone Ht.	1.5m	L _{A90} Day	40.3 dB(A)	RBL Day	37.5 dB(A)
Serial Number	3340	Façade Corrected	No	L _{A90} Evening	31.8 dB(A)	RBL Evening	29.7 dB(A)
Pre Calibration	94.0 dB(A)			L _{A90} Night	39.5 dB(A)	RBL Night	34.5 dB(A)
Post Calibration	94.0 dB(A)			L _{Amax} Day	65.4 dB(A)	L _{Aeq} Day	47.9 dB(A)
Sample Interval	15 minutes			L _{Amax} Evening	58.7 dB(A)	L _{Aeq} Evening	42.2 dB(A)
Operator	Caellum McLevie			L _{Amax} Night	54.7 dB(A)	L _{Aeq} Night	43.9 dB(A)

Date	End Time	Lmax	L1	L10	Leq	L90	L99	Lmin	Rainfall mm	Temp. °C	Relative Humidity %	Air Pressure hPa	Wind Direction	Avg Wind Speed m/s	Wind Speed max m/s	Validity Check
28/06/2025	0:15	47.0	43.4	39.6	37.2	32.5	-	31.0	0.0	9.0	84.0	1026.7	N	1.0	2.0	*
28/06/2025	0:30	49.6	45.5	42.6	40.3	37.5	-	36.0	0.0	9.0	84.0	1026.7	N	1.0	2.0	*
28/06/2025	0:45	65.9	61.5	44.2	47.4	37.0	-	35.3	0.0	8.0	85.0	1026.6	N	1.0	2.0	*
28/06/2025	1:00	70.6	67.6	45.8	51.8	35.6	-	34.1	0.0	8.0	86.0	1026.4	N	1.0	2.0	*
28/06/2025	1:15	59.5	57.7	51.0	47.2	36.8	-	35.4	0.0	8.0	86.0	1026.2	N	1.0	2.0	*
28/06/2025	1:30	62.4	52.7	42.1	41.8	37.3	-	35.5	0.0	9.0	84.0	1026.2	N	2.0	3.0	*
28/06/2025	1:45	50.7	47.7	41.9	40.4	37.8	-	35.8	0.0	9.0	84.0	1026.2	N	1.0	2.0	*
28/06/2025	2:00	57.7	56.1	49.7	45.9	39.0	-	37.1	0.0	9.0	84.0	1026.0	N	1.0	3.0	*
28/06/2025	2:15	47.7	46.2	44.2	42.0	39.2	-	37.9	0.0	8.0	85.0	1026.0	N	1.0	2.0	*
28/06/2025	2:30	47.0	44.7	43.0	41.7	40.4	-	39.0	0.0	8.0	86.0	1025.9	N	1.0	2.0	*
28/06/2025	2:45	45.8	43.5	41.6	40.7	39.5	-	38.1	0.0	9.0	87.0	1025.9	N	1.0	3.0	*
28/06/2025	3:00	60.4	49.5	45.6	43.1	38.1	-	35.3	0.0	9.0	86.0	1025.7	N	1.0	2.0	*
28/06/2025	3:15	57.9	56.8	53.4	48.0	39.3	-	37.7	0.0	8.0	86.0	1025.8	N	1.0	2.0	*
28/06/2025	3:30	47.9	46.4	45.2	43.2	40.0	-	38.1	0.0	8.0	88.0	1025.6	N	2.0	3.0	*
28/06/2025	3:45	56.4	46.9	45.5	44.4	42.7	-	40.6	0.0	8.0	87.0	1025.5	N	1.0	3.0	*
28/06/2025	4:00	49.7	48.2	47.1	45.3	43.1	-	41.1	0.0	8.0	88.0	1025.4	N	2.0	3.0	*
28/06/2025	4:15	61.2	59.9	53.2	50.5	44.9	-	42.5	0.0	8.0	87.0	1025.3	N	2.0	3.0	*
28/06/2025	4:30	59.6	51.1	48.4	46.7	44.2	-	42.7	0.0	8.0	87.0	1025.3	N	2.0	3.0	*
28/06/2025	4:45	55.0	52.1	49.4	47.5	44.4	-	41.9	0.0	8.0	86.0	1025.5	N	2.0	3.0	*
28/06/2025	5:00	49.9	48.3	46.8	45.2	43.0	-	40.9	0.0	8.0	86.0	1025.7	N	2.0	3.0	*
28/06/2025	5:15	53.5	51.8	49.6	47.0	43.7	-	42.0	0.0	9.0	86.0	1025.6	N	2.0	3.0	*
28/06/2025	5:30	57.5	52.7	48.5	46.2	42.8	-	40.5	0.0	9.0	86.0	1025.7	N	2.0	3.0	*
28/06/2025	5:45	55.9	50.3	46.7	45.1	42.8	-	41.1	0.0	9.0	86.0	1025.9	N	2.0	3.0	*
28/06/2025	6:00	61.5	54.4	47.1	45.4	42.1	-	40.1	0.0	9.0	86.0	1025.9	N	2.0	3.0	*
28/06/2025	6:15	65.8	57.1	52.4	48.9	41.9	-	38.4	0.0	9.0	85.0	1026.1	N	1.0	3.0	*
28/06/2025	6:30	69.0	56.7	49.7	47.9	43.4	-	40.9	0.0	8.0	87.0	1026.3	N	1.0	2.0	*
28/06/2025	6:45	66.9	59.1	53.3	50.7	45.5	-	42.1	0.0	8.0	87.0	1026.4	N	1.0	3.0	*
28/06/2025	7:00	71.4	63.6	53.8	52.6	47.2	-	42.9	0.0	9.0	86.0	1026.7	N	1.0	3.0	*
28/06/2025	7:15	72.3	61.4	56.2	53.0	48.0	-	45.8	0.0	9.0	86.0	1026.7	N	1.0	2.0	*
28/06/2025	7:30	78.2	62.8	52.8	52.3	45.3	-	42.0	0.0	10.0	85.0	1026.8	N	1.0	2.0	*
28/06/2025	7:45	69.5	61.2	50.9	49.9	43.8	-	40.5	0.0	10.0	84.0	1026.8	N	1.0	2.0	*
28/06/2025	8:00	76.6	58.3	49.7	49.5	43.4	-	41.1	0.0	11.0	84.0	1027.0	N	1.0	2.0	*
28/06/2025	8:15	60.9	52.8	48.9	46.5	42.9	-	39.8	0.0	11.0	82.0	1027.1	N	1.0	2.0	*
28/06/2025	8:30	63.8	50.6	47.7	45.0	40.7	-	35.6	0.0	12.0	80.0	1027.1	N	1.0	3.0	*
28/06/2025	8:45	68.0	57.6	49.2	47.4	40.6	-	36.5	0.0	13.0	79.0	1027.2	N	2.0	3.0	*
28/06/2025	9:00	64.7	54.7	48.0	46.0	39.6	-	36.7	0.0	13.0	78.0	1027.2	N	2.0	3.0	*
28/06/2025	9:15	64.8	54.4	47.1	45.4	38.9	-	35.2	0.0	14.0	76.0	1027.4	N	2.0	4.0	*
28/06/2025	9:30	63.9	53.6	47.8	45.7	40.1	-	36.6	0.0	14.0	74.0	1027.2	N	2.0	4.0	*
28/06/2025	9:45	65.2	56.2	49.1	47.3	42.5	-	39.2	0.0	15.0	72.0	1027.2	N	2.0	5.0	*
28/06/2025	10:00	61.3	55.0	49.3	47.0	41.7	-	39.1	0.0	15.0	72.0	1027.1	N	2.0	4.0	*
28/06/2025	10:15	63.4	55.3	49.9	47.2	41.9	-	38.9	0.0	16.0	71.0	1026.9	N	3.0	5.0	*
28/06/2025	10:30	67.2	57.4	48.5	47.3	42.1	-	38.7	0.0	16.0	70.0	1026.9	N	3.0	5.0	*
28/06/2025	10:45	59.0	51.3	46.6	44.5	40.3	-	38.0	0.0	16.0	70.0	1026.8	N	3.0	5.0	*
28/06/2025	11:00	67.4	58.7	47.8	47.2	40.4	-	38.3	0.0	17.0	69.0	1026.4	N	2.0	5.0	*
28/06/2025	11:15	64.8	59.6	51.2	48.2	40.1	-	36.4	0.0	17.0	69.0	1026.4	N	2.0	4.0	*
28/06/2025	11:30	66.1	51.1	45.6	44.5	39.7	-	36.0	0.0	17.0	68.0	1026.2	N	3.0	6.0	*
28/06/2025	11:45	57.4	49.6	45.4	43.2	39.7	-	36.5	0.0	17.0	67.0	1026.1	N	3.0	5.0	*
28/06/2025	12:00	61.7	51.5	45.4	43.4	39.5	-	36.8	0.0	17.0	67.0	1025.7	N	3.0	5.0	*
28/06/2025	12:15	62.8	56.6	48.6	46.2	39.9	-	37.8	0.0	18.0	67.0	1025.6	N	2.0	5.0	*
28/06/2025	12:30	61.5	52.3	46.4	44.7	40.7	-	37.3	0.0	17.0	69.0	1025.2	N	3.0	5.0	*
28/06/2025	12:45	67.0	58.2	48.4	47.3	41.5	-	37.2	0.0	18.0	66.0	1024.9	N	3.0	5.0	*
28/06/2025	13:00	63.1	56.2	49.0	47.1	42.0	-	36.2	0.0	18.0	64.0	1024.4	N	3.0	6.0	*
28/06/2025	13:15	61.2	52.7	47.8	45.6	41.4	-	39.1	0.0	18.0	63.0	1024.4	N	3.0	6.0	*
28/06/2025	13:30	64.4	59.0	55.8	50.6	42.5	-	39.0	0.0	18.0	64.0	1024.4	N	3.0	6.0	*
28/06/2025	13:45	58.6	51.6	48.4	45.7	40.4	-	37.4	0.0	18.0	63.0	1024.4	N	3.0	6.0	*
28/06/2025	14:00	76.2	67.0	50.1	52.6	40.4	-	36.9	0.0	18.0	64.0	1024.4	N	2.0	5.0	*
28/06/2025	14:15	60.3	50.5	46.1	43.8	39.5	-	35.8	0.0	18.0	65.0	1024.3	N	3.0	6.0	*
28/06/2025	14:30	69.5	54.3	46.9	44.8	37.8	-	35.0	0.0	18.0	64.0	1024.2	N	3.0	6.0	*
28/06/2025	14:45	70.0	59.3	49.7	48.6	38.4	-	35.5	0.0	18.0	64.0	1024.4	N	2.0	6.0	*
28/06/2025	15:00	61.4	49.6	44.0	41.8	37.7	-	35.3	0.0	18.0	64.0	1024.3	N	2.0	6.0	*

Date	End Time	Lmax	L1	L10	Leq	L90	L99	Lmin	Rainfall mm	Temp. °C	Relative Humidity %	Air Pressure hPa	Wind Direction	Avg Wind Speed m/s	Wind Speed max m/s	Validity Check
28/06/2025	15:15	69.3	58.6	46.0	46.6	38.8	-	36.7	0.0	17.0	66.0	1024.4	N	2.0	5.0	*
28/06/2025	15:30	61.1	51.6	46.4	43.7	38.5	-	34.6	0.0	17.0	65.0	1024.5	N	2.0	5.0	*
28/06/2025	15:45	63.5	55.7	47.5	45.5	39.8	-	36.2	0.0	17.0	66.0	1024.5	N	2.0	4.0	*
28/06/2025	16:00	70.4	54.1	45.7	46.1	37.9	-	34.8	0.0	17.0	68.0	1024.5	N	2.0	4.0	*
28/06/2025	16:15	61.1	48.2	43.8	41.3	37.4	-	34.5	0.0	16.0	70.0	1024.4	N	2.0	4.0	*
28/06/2025	16:30	61.4	52.4	47.4	44.6	39.6	-	35.9	0.0	16.0	70.0	1024.5	N	2.0	3.0	*
28/06/2025	16:45	65.8	51.0	44.4	42.1	35.9	-	32.8	0.0	15.0	72.0	1024.7	N	1.0	3.0	*
28/06/2025	17:00	54.5	48.8	44.5	41.8	36.5	-	33.2	0.0	15.0	74.0	1024.8	N	1.0	2.0	*
28/06/2025	17:15	75.9	62.6	47.4	51.8	36.7	-	33.9	0.0	15.0	75.0	1024.9	N	1.0	2.0	*
28/06/2025	17:30	78.0	69.5	51.1	54.2	38.0	-	34.3	0.0	14.0	76.0	1025.2	N	1.0	2.0	*
28/06/2025	17:45	52.8	45.9	41.6	38.8	33.0	-	30.6	0.0	14.0	77.0	1025.2	N	1.0	1.0	*
28/06/2025	18:00	58.3	55.2	45.6	43.3	34.3	-	30.7	0.0	14.0	79.0	1025.3	N	0.0	1.0	*
28/06/2025	18:15	63.4	59.1	47.2	45.9	34.4	-	31.0	0.0	13.0	80.0	1025.4		0.0	0.0	*
28/06/2025	18:30	65.8	63.1	45.9	48.0	31.5	-	29.3	0.0	13.0	80.0	1025.6		0.0	0.0	*
28/06/2025	18:45	61.4	55.5	46.0	43.6	33.4	-	30.8	0.0	13.0	82.0	1025.8		0.0	0.0	*
28/06/2025	19:00	55.4	50.7	42.1	39.5	30.9	-	29.1	0.0	12.0	83.0	1025.8		0.0	0.0	*
28/06/2025	19:15	64.4	51.8	42.2	42.1	31.7	-	29.1	0.0	12.0	84.0	1026.0		0.0	0.0	*
28/06/2025	19:30	66.7	54.1	41.4	42.2	29.5	-	27.3	0.0	12.0	84.0	1026.2		0.0	0.0	*
28/06/2025	19:45	47.6	41.6	34.6	33.1	29.8	-	27.8	0.0	11.0	87.0	1026.0		0.0	0.0	*
28/06/2025	20:00	58.6	50.1	41.9	39.4	30.5	-	28.3	0.0	11.0	89.0	1026.3		0.0	0.0	*
28/06/2025	20:15	62.2	51.0	47.1	42.5	30.9	-	27.5	0.0	11.0	88.0	1026.2		0.0	0.0	*
28/06/2025	20:30	63.1	50.8	40.0	40.7	30.5	-	28.1	0.0	11.0	88.0	1026.0		0.0	0.0	*
28/06/2025	20:45	45.5	39.6	35.3	33.1	30.1	-	28.4	0.0	11.0	88.0	1026.4		0.0	0.0	*
28/06/2025	21:00	69.6	45.7	40.8	41.4	29.1	-	26.8	0.0	11.0	89.0	1026.4		0.0	0.0	*
28/06/2025	21:15	53.6	45.7	41.1	37.3	31.6	-	30.1	0.0	11.0	89.0	1026.3		0.0	0.0	*
28/06/2025	21:30	49.3	42.7	39.4	36.6	32.9	-	31.6	0.0	11.0	88.0	1026.0		0.0	0.0	*
28/06/2025	21:45	54.6	48.8	41.9	39.9	35.5	-	32.9	0.0	11.0	88.0	1025.9		0.0	0.0	*
28/06/2025	22:00	48.8	46.3	42.7	40.3	36.3	-	34.0	0.0	11.0	88.0	1026.0		0.0	0.0	*
28/06/2025	22:15	51.7	47.8	45.1	41.9	38.5	-	35.3	0.0	11.0	88.0	1026.1		0.0	0.0	*
28/06/2025	22:30	47.6	46.0	44.7	42.7	39.7	-	37.4	0.0	10.0	90.0	1026.2		0.0	0.0	*
28/06/2025	22:45	44.6	43.1	40.4	37.3	34.5	-	32.9	0.0	10.0	90.0	1025.9		0.0	0.0	*
28/06/2025	23:00	47.7	45.0	42.9	39.7	34.2	-	32.0	0.0	10.0	90.0	1025.7		0.0	0.0	*
28/06/2025	23:15	46.2	42.8	39.8	37.5	34.6	-	32.9	0.0	11.0	90.0	1025.7		0.0	0.0	*
28/06/2025	23:30	50.5	47.7	41.9	38.9	35.1	-	33.8	0.0	11.0	89.0	1025.4		0.0	0.0	*
28/06/2025	23:45	47.4	43.3	40.4	38.0	35.5	-	33.5	0.0	11.0	89.0	1025.2		0.0	0.0	*
28/06/2025	0:00	47.3	42.7	39.7	37.4	34.5	-	32.4	0.0	10.0	90.0	1024.9	N	0.0	1.0	*

Noise Monitoring Data Sheet - Noise Trace



V25-107 | 15 Racecourse Road, Oakey 4401 | Noise Monitoring Sheet

District Darling Downs South West
State Road -
Address 15 Racecourse Road, Oakey 4401
Lot and RP numbers 62/O1524
Owner
Date 29/06/2025
Comments West of the mill located at 14-28 Katrina Street, Oakey QLD 4401



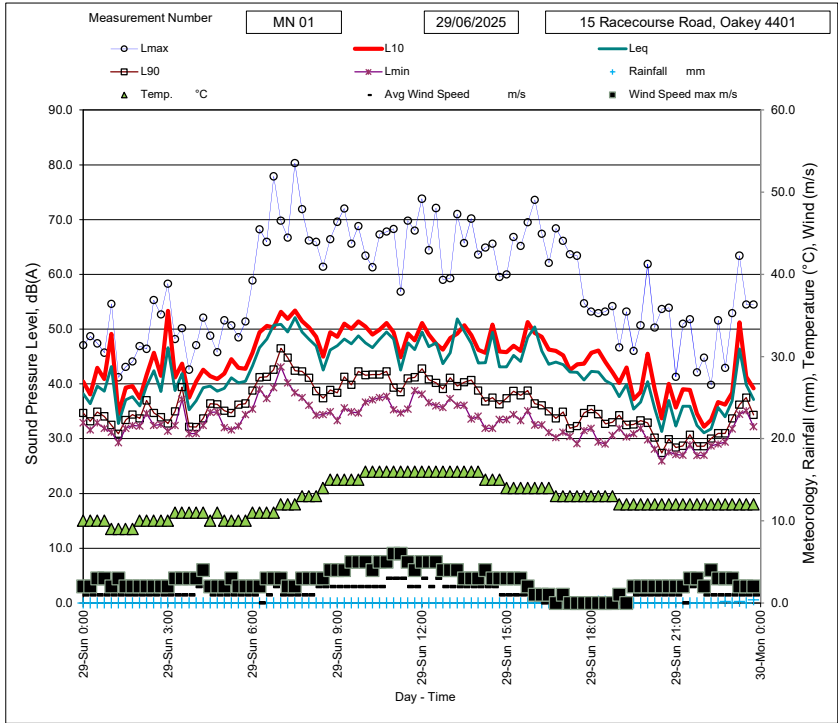
Date Measurement Number
29/06/2025 MN 01

Instrument Type	Larson Davis	Microphone Ht.	1.5m	L _{A90} Day	39.3 dB(A)	RBL Day	35.3 dB(A)
Serial Number	3340	Façade Corrected	No	L _{A90} Evening	31.6 dB(A)	RBL Evening	28.6 dB(A)
Pre Calibration	94.0 dB(A)			L _{A90} Night	34.6 dB(A)	RBL Night	30.9 dB(A)
Post Calibration	94.0 dB(A)			L _{Amax} Day	66.8 dB(A)	L _{Aeq} Day	47.6 dB(A)
Sample Interval	15 minutes			L _{Amax} Evening	51.8 dB(A)	L _{Aeq} Evening	38.8 dB(A)
Operator	Caellum McLevie			L _{Amax} Night	50.5 dB(A)	L _{Aeq} Night	39.1 dB(A)

Date	End Time	Lmax	L1	L10	Leq	L90	L99	Lmin	Rainfall mm	Temp. °C	Relative Humidity %	Air Pressure hPa	Wind Direction	Avg Wind Speed m/s	Wind Speed max m/s	Validity Check
29/06/2025	0:15	47.1	43.3	40.4	38.2	34.7	-	32.9	0.0	10.0	90.0	1024.8	N	1.0	2.0	*
29/06/2025	0:30	48.7	44.9	38.1	36.4	33.2	-	31.6	0.0	10.0	90.0	1024.8	N	1.0	2.0	*
29/06/2025	0:45	47.4	44.9	42.9	39.6	34.9	-	32.9	0.0	10.0	90.0	1024.7	N	1.0	3.0	*
29/06/2025	1:00	45.7	42.4	40.9	38.7	34.1	-	31.9	0.0	10.0	91.0	1024.5	N	1.0	3.0	*
29/06/2025	1:15	54.6	52.8	49.1	43.2	32.5	-	31.2	0.0	9.0	91.0	1024.3	N	1.0	2.0	*
29/06/2025	1:30	41.2	37.1	34.5	32.8	30.9	-	29.3	0.0	9.0	92.0	1024.3	N	1.0	3.0	*
29/06/2025	1:45	43.1	40.6	39.3	37.1	33.4	-	31.9	0.0	9.0	91.0	1024.2	N	1.0	2.0	*
29/06/2025	2:00	44.1	41.6	39.6	37.7	34.4	-	32.4	0.0	9.0	91.0	1024.2	N	1.0	2.0	*
29/06/2025	2:15	46.9	42.5	37.4	36.0	33.7	-	32.3	0.0	10.0	91.0	1024.2	N	1.0	2.0	*
29/06/2025	2:30	46.4	44.4	41.6	39.6	37.0	-	34.6	0.0	10.0	91.0	1024.1	N	1.0	2.0	*
29/06/2025	2:45	55.3	53.4	45.7	42.4	34.7	-	32.4	0.0	10.0	90.0	1024.1	N	1.0	2.0	*
29/06/2025	3:00	52.7	46.5	41.5	38.6	33.9	-	32.6	0.0	10.0	91.0	1024.0	N	1.0	2.0	*
29/06/2025	3:15	58.3	56.6	53.3	46.6	32.8	-	31.4	0.0	10.0	91.0	1023.8	N	1.0	2.0	*
29/06/2025	3:30	48.2	44.2	41.2	38.8	35.0	-	32.4	0.0	11.0	90.0	1023.7	N	1.0	3.0	*
29/06/2025	3:45	50.2	47.2	43.7	41.9	39.4	-	37.2	0.0	11.0	90.0	1023.4	N	1.0	3.0	*
29/06/2025	4:00	42.6	39.4	37.5	35.3	32.2	-	30.9	0.0	11.0	89.0	1023.3	N	1.0	3.0	*
29/06/2025	4:15	47.1	44.8	40.4	36.9	32.1	-	31.0	0.0	11.0	89.0	1023.4	N	2.0	3.0	*
29/06/2025	4:30	52.1	47.8	42.6	39.3	33.7	-	32.4	0.0	11.0	89.0	1023.8	N	2.0	4.0	*
29/06/2025	4:45	48.8	44.8	41.4	39.6	36.4	-	34.8	0.0	10.0	89.0	1024.0	N	1.0	2.0	*
29/06/2025	5:00	45.8	43.2	40.9	38.7	36.3	-	34.9	0.0	11.0	90.0	1024.3	N	1.0	2.0	*
29/06/2025	5:15	51.6	46.0	41.9	39.2	35.1	-	32.0	0.0	10.0	90.0	1024.2	N	1.0	2.0	*
29/06/2025	5:30	50.7	48.1	44.5	41.1	34.7	-	31.6	0.0	10.0	90.0	1024.3	N	1.0	3.0	*
29/06/2025	5:45	48.5	45.3	42.9	40.2	36.2	-	32.3	0.0	10.0	90.0	1024.3	N	1.0	2.0	*
29/06/2025	6:00	51.4	48.1	42.8	40.5	36.4	-	34.4	0.0	10.0	90.0	1024.8	N	1.0	2.0	*
29/06/2025	6:15	58.9	49.9	45.7	43.3	38.8	-	35.4	0.0	11.0	90.0	1025.2	N	1.0	2.0	*
29/06/2025	6:30	68.2	54.3	49.4	46.6	41.2	-	39.0	0.0	11.0	90.0	1025.0	N	0.0	2.0	*
29/06/2025	6:45	65.9	58.4	50.6	48.2	41.3	-	37.3	0.0	11.0	91.0	1025.0	N	1.0	3.0	*
29/06/2025	7:00	77.9	59.6	50.3	50.7	42.6	-	39.3	0.0	11.0	91.0	1024.9	N	2.0	3.0	*
29/06/2025	7:15	69.8	58.0	53.2	50.9	46.5	-	43.1	0.0	12.0	91.0	1025.1	N	1.0	3.0	*
29/06/2025	7:30	66.7	57.0	51.9	49.5	44.8	-	40.2	0.0	12.0	89.0	1025.3	N	1.0	2.0	*
29/06/2025	7:45	80.3	60.3	53.4	52.1	42.4	-	38.4	0.0	12.0	89.0	1025.5	N	1.0	2.0	*
29/06/2025	8:00	71.9	60.4	51.5	49.5	42.3	-	37.5	0.0	13.0	88.0	1025.1	N	1.0	3.0	*
29/06/2025	8:15	66.2	56.4	50.3	48.1	41.1	-	36.1	0.0	13.0	88.0	1025.4	N	1.0	3.0	*
29/06/2025	8:30	65.9	58.5	48.6	46.9	38.7	-	34.3	0.0	13.0	87.0	1025.6	N	2.0	3.0	*
29/06/2025	8:45	61.4	50.6	45.0	42.5	37.4	-	34.4	0.0	14.0	83.0	1025.9	N	2.0	3.0	*
29/06/2025	9:00	66.4	54.5	49.4	46.2	38.9	-	34.9	0.0	15.0	82.0	1026.1	N	2.0	4.0	*
29/06/2025	9:15	69.6	58.0	48.6	47.0	38.4	-	33.3	0.0	15.0	81.0	1026.2	N	2.0	4.0	*
29/06/2025	9:30	72.0	55.5	51.0	48.2	41.3	-	35.6	0.0	15.0	80.0	1026.2	N	2.0	4.0	*
29/06/2025	9:45	65.6	55.8	50.1	47.3	39.8	-	34.9	0.0	15.0	80.0	1025.9	N	2.0	5.0	*
29/06/2025	10:00	68.8	57.1	51.4	48.8	42.3	-	34.7	0.0	15.0	80.0	1025.8	N	2.0	5.0	*
29/06/2025	10:15	63.4	55.6	50.5	47.5	41.6	-	36.7	0.0	16.0	78.0	1025.5	N	2.0	5.0	*
29/06/2025	10:30	61.3	54.8	49.0	46.6	41.7	-	37.1	0.0	16.0	77.0	1025.3	N	2.0	4.0	*
29/06/2025	10:45	67.3	58.8	49.9	48.1	41.7	-	37.5	0.0	16.0	76.0	1025.1	N	2.0	5.0	*
29/06/2025	11:00	67.8	60.6	51.1	49.5	42.3	-	37.7	0.0	16.0	73.0	1024.7	N	3.0	5.0	*
29/06/2025	11:15	68.3	60.2	49.4	48.2	39.3	-	35.3	0.0	16.0	73.0	1024.0	N	3.0	6.0	*
29/06/2025	11:30	56.8	48.6	44.9	42.5	38.5	-	34.7	0.0	16.0	73.0	1023.6	N	3.0	6.0	*
29/06/2025	11:45	69.8	57.7	49.2	47.5	41.0	-	35.4	0.0	16.0	74.0	1023.6	N	2.0	5.0	*
29/06/2025	12:00	68.0	54.4	48.0	46.3	41.2	-	38.8	0.0	16.0	71.0	1023.7	N	2.0	4.0	*
29/06/2025	12:15	73.8	59.3	51.1	49.5	42.8	-	38.1	0.0	16.0	73.0	1023.3	N	3.0	5.0	*
29/06/2025	12:30	64.4	56.8	49.0	46.8	40.8	-	36.6	0.0	16.0	72.0	1023.3	N	2.0	5.0	*
29/06/2025	12:45	72.1	56.4	47.3	47.5	40.2	-	36.0	0.0	16.0	71.0	1023.0	N	3.0	5.0	*
29/06/2025	13:00	59.0	51.0	46.3	43.7	39.1	-	35.7	0.0	16.0	70.0	1023.3	N	2.0	4.0	*
29/06/2025	13:15	59.3	51.8	48.4	45.7	41.1	-	37.3	0.0	16.0	71.0	1023.2	N	2.0	4.0	*
29/06/2025	13:30	71.0	66.8	49.2	51.9	39.6	-	36.1	0.0	16.0	73.0	1023.3	N	2.0	4.0	*
29/06/2025	13:45	65.7	63.0	50.7	49.6	40.3	-	36.1	0.0	16.0	73.0	1023.5	N	2.0	3.0	*
29/06/2025	14:00	70.2	57.7	48.9	47.4	40.7	-	33.6	0.0	16.0	74.0	1023.6	N	2.0	3.0	*
29/06/2025	14:15	63.6	49.5	46.2	43.8	38.8	-	34.1	0.0	16.0	75.0	1023.9	N	2.0	3.0	*
29/06/2025	14:30	64.9	53.5	45.7	43.9	36.8	-	31.9	0.0	15.0	76.0	1024.0	N	2.0	4.0	*
29/06/2025	14:45	65.6	62.1	50.8	49.4	37.5	-	31.9	0.0	15.0	77.0	1023.8	N	2.0	3.0	*
29/06/2025	15:00	59.5	52.4	45.9	43.1	36.3	-	33.5	0.0	15.0	78.0	1023.6	N	1.0	3.0	*

Date	End Time	Lmax	L1	L10	Leq	L90	L99	Lmin	Rainfall mm	Temp. °C	Relative Humidity %	Air Pressure hPa	Wind Direction	Avg Wind Speed m/s	Wind Speed max m/s	Validity Check
29/06/2025	15:15	60.0	50.2	45.8	43.1	37.4	-	33.5	0.0	14.0	81.0	1023.7	N	1.0	3.0	*
29/06/2025	15:30	66.8	53.8	47.0	45.2	38.7	-	34.4	0.0	14.0	80.0	1023.7	N	1.0	3.0	*
29/06/2025	15:45	65.2	51.8	46.0	44.1	37.9	-	33.3	0.0	14.0	80.0	1023.6	N	1.0	3.0	*
29/06/2025	16:00	69.5	57.9	51.3	48.5	38.8	-	35.1	0.0	14.0	81.0	1024.0	N	1.0	2.0	*
29/06/2025	16:15	73.6	64.0	49.3	50.4	36.4	-	32.5	0.0	14.0	81.0	1024.1	N	1.0	1.0	*
29/06/2025	16:30	67.4	56.8	48.6	46.0	36.1	-	32.5	0.0	14.0	82.0	1024.3	N	0.0	1.0	*
29/06/2025	16:45	62.1	54.9	46.3	43.6	35.0	-	31.1	0.0	14.0	82.0	1024.2	N	0.0	1.0	*
29/06/2025	17:00	68.4	54.6	46.0	44.0	33.7	-	30.2	0.0	13.0	84.0	1024.4		0.0	0.0	*
29/06/2025	17:15	66.1	50.7	45.2	43.5	34.9	-	31.2	0.0	13.0	85.0	1024.4	N	0.0	1.0	*
29/06/2025	17:30	63.7	51.5	42.5	42.2	31.9	-	30.4	0.0	13.0	87.0	1024.1		0.0	0.0	*
29/06/2025	17:45	63.4	51.8	43.6	42.1	32.3	-	29.1	0.0	13.0	86.0	1024.2		0.0	0.0	*
29/06/2025	18:00	54.7	48.6	43.7	40.7	34.7	-	31.5	0.0	13.0	87.0	1024.5		0.0	0.0	*
29/06/2025	18:15	53.2	49.8	45.7	42.3	35.4	-	31.9	0.0	13.0	88.0	1024.6		0.0	0.0	*
29/06/2025	18:30	52.9	50.3	46.1	42.2	34.5	-	29.4	0.2	13.0	88.0	1024.6		0.0	0.0	*
29/06/2025	18:45	53.2	47.3	44.0	40.6	32.7	-	29.0	0.2	13.0	89.0	1024.5		0.0	0.0	*
29/06/2025	19:00	54.2	51.0	42.1	39.9	33.0	-	30.6	0.0	13.0	90.0	1024.7		0.0	0.0	*
29/06/2025	19:15	46.7	43.9	40.2	37.7	34.3	-	31.9	0.0	12.0	90.0	1024.6		0.0	1.0	*
29/06/2025	19:30	53.2	49.8	43.0	39.9	32.5	-	30.3	0.2	12.0	91.0	1024.5		0.0	0.0	*
29/06/2025	19:45	46.0	39.9	37.2	35.4	32.6	-	30.9	0.0	12.0	91.0	1024.4	N	1.0	2.0	*
29/06/2025	20:00	50.7	43.8	38.5	36.7	33.3	-	31.9	0.0	12.0	91.0	1024.3	N	1.0	2.0	*
29/06/2025	20:15	61.9	48.4	45.5	40.4	32.9	-	29.8	0.0	12.0	92.0	1024.1	N	1.0	2.0	*
29/06/2025	20:30	50.3	43.9	39.0	35.5	30.2	-	28.1	0.0	12.0	92.0	1024.1	N	1.0	2.0	*
29/06/2025	20:45	53.7	39.9	33.7	31.3	27.4	-	25.9	0.0	12.0	93.0	1023.9	N	1.0	2.0	*
29/06/2025	21:00	53.9	47.9	40.0	37.0	29.9	-	27.6	0.0	12.0	92.0	1023.8	N	1.0	2.0	*
29/06/2025	21:15	41.3	38.7	35.7	32.3	28.4	-	27.1	0.0	12.0	92.0	1024.1	N	1.0	2.0	*
29/06/2025	21:30	51.0	45.7	39.0	35.9	28.7	-	27.0	0.0	12.0	92.0	1024.2	N	0.0	2.0	*
29/06/2025	21:45	51.8	42.3	38.9	35.9	30.7	-	28.9	0.0	12.0	91.0	1023.7	N	2.0	3.0	*
29/06/2025	22:00	42.1	35.9	34.6	32.4	28.6	-	26.9	0.0	12.0	92.0	1023.6	N	2.0	3.0	*
29/06/2025	22:15	44.8	39.4	32.2	31.1	28.6	-	27.0	0.0	12.0	92.0	1023.8	N	1.0	2.0	*
29/06/2025	22:30	39.8	36.2	33.4	31.8	30.0	-	28.7	0.0	12.0	92.0	1023.6	N	1.0	4.0	*
29/06/2025	22:45	51.6	46.6	36.7	35.7	31.0	-	29.0	0.0	12.0	92.0	1023.5	N	1.0	3.0	*
29/06/2025	23:00	42.9	40.0	36.2	34.0	31.0	-	29.4	0.2	12.0	93.0	1023.1	N	1.0	3.0	*
29/06/2025	23:15	52.9	39.6	38.4	36.9	33.7	-	31.8	0.0	12.0	93.0	1023.1	N	1.0	3.0	*
29/06/2025	23:30	63.4	56.5	51.2	46.4	36.2	-	34.5	0.2	12.0	93.0	1023.0	N	1.0	2.0	*
29/06/2025	23:45	54.5	45.1	41.3	39.8	37.5	-	35.1	0.0	12.0	94.0	1023.2	N	1.0	2.0	*
29/06/2025	0:00	54.5	43.4	39.2	37.2	34.4	-	32.2	0.4	12.0	94.0	1023.0	N	1.0	2.0	*

Noise Monitoring Data Sheet - Noise Trace



V25-107 | 15 Racecourse Road, Oakey 4401 | Noise Monitoring Sheet

District Darling Downs South West
 State Road -
 Address 15 Racecourse Road, Oakey 4401
 Lot and RP numbers 62/O1524
 Owner
 Date 30/06/2025
 Comments West of the mill located at 14-28 Katrina Street, Oakey QLD 4401



Date Measurement Number

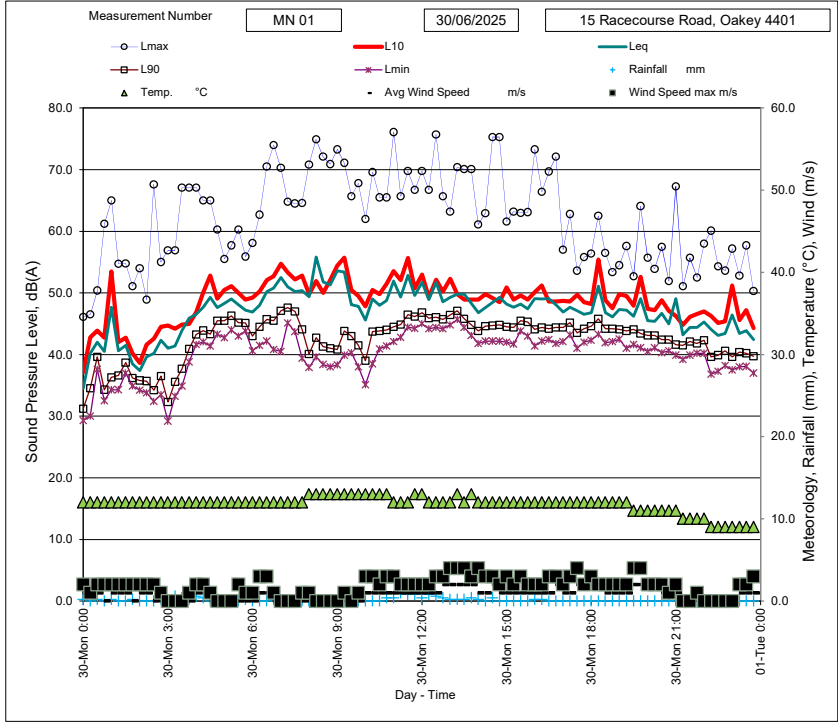
30/06/2025 MN 01

Instrument Type	Larson Davis	Microphone Ht.	1.5m	L _{A90} Day	44.4 dB(A)	RBL Day	41.4 dB(A)
Serial Number	3340	Façade Corrected	No	L _{A90} Evening	43.3 dB(A)	RBL Evening	41.9 dB(A)
Pre Calibration	94.0 dB(A)			L _{A90} Night	39.7 dB(A)	RBL Night	34.3 dB(A)
Post Calibration	94.0 dB(A)			L _{Amax} Day	67.7 dB(A)	L _{Aeq} Day	50.1 dB(A)
Sample Interval	15 minutes			L _{Amax} Evening	56.7 dB(A)	L _{Aeq} Evening	47.1 dB(A)
Operator	Caellum McLevie			L _{Amax} Night	57.9 dB(A)	L _{Aeq} Night	43.9 dB(A)

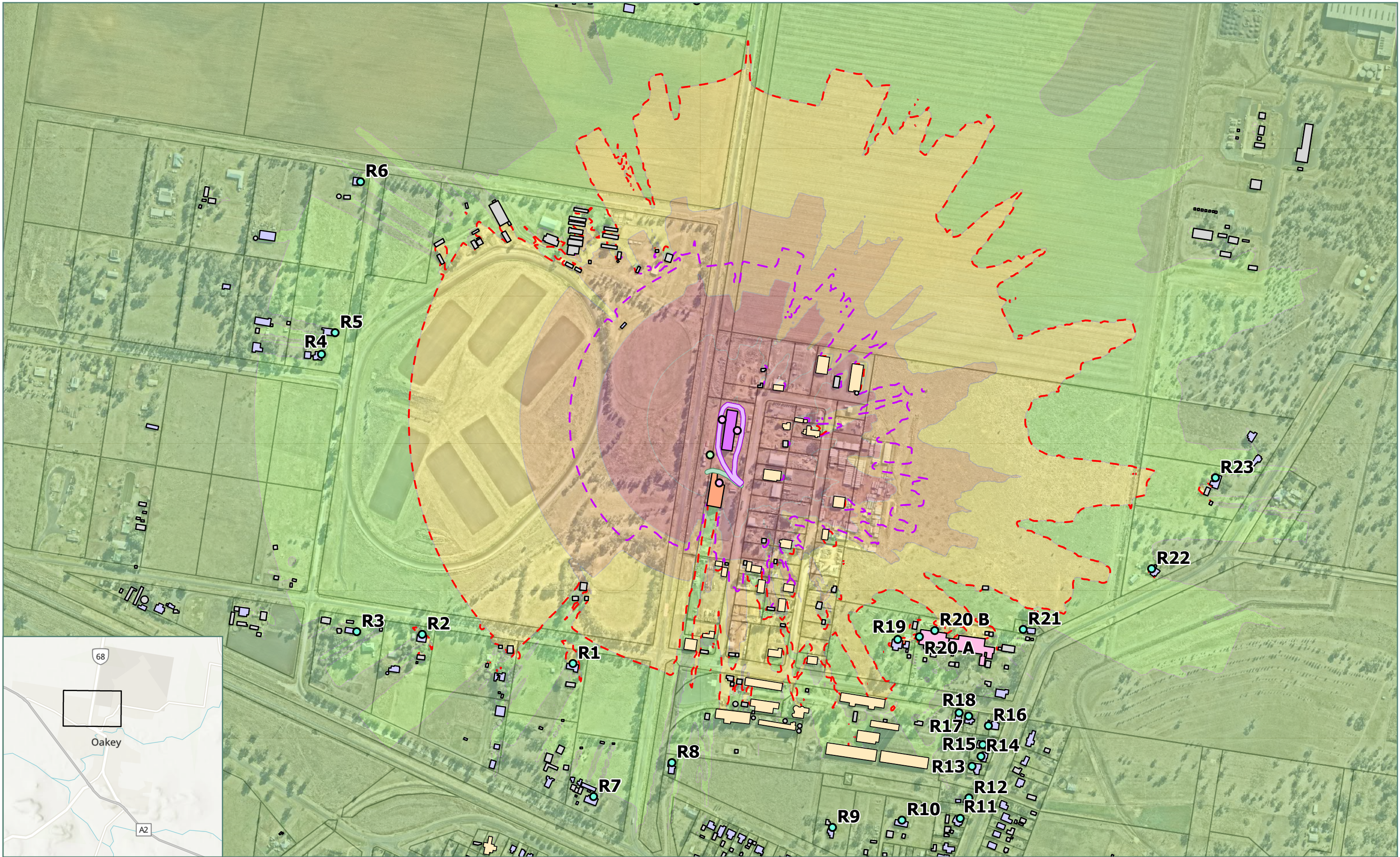
Date	End Time	Lmax	L1	L10	Leq	L90	L99	Lmin	Rainfall mm	Temp. °C	Relative Humidity %	Air Pressure hPa	Wind Direction	Avg Wind Speed m/s	Wind Speed max m/s	Validity Check
30/06/2025	0:15	46.1	41.6	37.1	34.5	31.2	-	29.3	0.2	12.0	94.0	1022.8	N	1.0	2.0	*
30/06/2025	0:30	46.5	44.3	42.8	40.2	34.5	-	30.0	0.0	12.0	94.0	1022.6	N	1.0	1.0	*
30/06/2025	0:45	50.4	46.2	43.9	42.0	39.6	-	37.6	0.2	12.0	94.0	1022.5	N	1.0	2.0	*
30/06/2025	1:00	61.2	50.9	42.7	40.5	34.3	-	32.5	0.0	12.0	94.0	1022.1	N	0.0	2.0	*
30/06/2025	1:15	65.0	57.5	53.5	47.7	36.3	-	34.3	0.2	12.0	94.0	1022.0	N	1.0	2.0	*
30/06/2025	1:30	54.7	49.4	42.0	40.6	36.6	-	34.3	0.0	12.0	94.0	1021.9	N	1.0	2.0	*
30/06/2025	1:45	54.8	49.8	42.7	41.5	38.7	-	37.0	0.0	12.0	94.0	1021.8	N	1.0	2.0	*
30/06/2025	2:00	51.1	42.7	40.2	38.5	36.2	-	34.9	0.2	12.0	94.0	1021.6	N	0.0	2.0	*
30/06/2025	2:15	54.0	41.6	38.6	37.4	35.8	-	34.2	0.0	12.0	94.0	1021.5	N	1.0	2.0	*
30/06/2025	2:30	48.9	46.9	41.6	39.6	35.7	-	33.8	0.0	12.0	94.0	1021.2	N	1.0	2.0	*
30/06/2025	2:45	67.6	46.6	42.6	40.2	34.2	-	32.4	0.0	12.0	94.0	1021.4	N	0.0	2.0	*
30/06/2025	3:00	55.0	51.0	44.5	42.3	36.5	-	33.5	0.2	12.0	94.0	1021.2	N	0.0	1.0	*
30/06/2025	3:15	56.9	49.8	44.7	41.0	32.3	-	29.2	0.0	12.0	94.0	1021.5		0.0	0.0	*
30/06/2025	3:30	56.9	47.9	44.2	41.4	35.6	-	33.3	0.6	12.0	94.0	1021.1		0.0	0.0	*
30/06/2025	3:45	67.1	54.7	44.9	44.0	37.7	-	34.9	0.4	12.0	95.0	1021.5		0.0	0.0	*
30/06/2025	4:00	67.1	56.7	45.0	45.9	40.9	-	38.8	0.2	12.0	95.0	1021.5	N	0.0	1.0	*
30/06/2025	4:15	67.1	53.2	46.9	46.5	43.3	-	41.7	0.6	12.0	95.0	1021.2	N	1.0	2.0	*
30/06/2025	4:30	65.0	53.5	50.1	47.7	43.9	-	42.1	0.4	12.0	95.0	1021.2	N	1.0	2.0	*
30/06/2025	4:45	65.0	58.4	52.8	49.3	43.3	-	41.4	0.0	12.0	96.0	1021.4	N	0.0	1.0	*
30/06/2025	5:00	60.3	50.3	49.1	47.6	45.5	-	43.3	0.2	12.0	96.0	1021.4		0.0	0.0	*
30/06/2025	5:15	55.5	53.2	50.5	48.3	45.5	-	42.7	0.0	12.0	96.0	1021.4		0.0	0.0	*
30/06/2025	5:30	57.7	54.6	51.1	49.0	46.3	-	44.0	0.0	12.0	96.0	1021.9		0.0	0.0	*
30/06/2025	5:45	60.3	52.0	50.0	48.1	45.2	-	43.0	0.0	12.0	96.0	1021.3	N	0.0	2.0	*
30/06/2025	6:00	55.9	50.5	48.9	47.2	45.1	-	43.8	0.2	12.0	95.0	1021.8		0.0	1.0	*
30/06/2025	6:15	58.1	53.5	49.2	46.9	43.0	-	40.6	0.0	12.0	95.0	1020.9	N	0.0	1.0	*
30/06/2025	6:30	62.7	55.4	50.2	48.0	44.5	-	41.5	0.0	12.0	95.0	1021.3	N	1.0	3.0	*
30/06/2025	6:45	70.5	57.3	52.1	50.2	45.7	-	42.2	0.0	12.0	95.0	1021.6	N	1.0	3.0	*
30/06/2025	7:00	74.0	59.3	52.7	50.8	45.5	-	40.8	0.2	12.0	95.0	1021.9	N	0.0	1.0	*
30/06/2025	7:15	70.3	61.2	54.7	52.5	47.1	-	40.5	0.0	12.0	95.0	1022.1		0.0	0.0	*
30/06/2025	7:30	64.8	56.1	53.3	51.0	47.6	-	45.1	0.0	12.0	95.0	1021.7		0.0	0.0	*
30/06/2025	7:45	64.5	56.2	52.2	50.2	47.0	-	43.7	0.0	12.0	95.0	1021.2		0.0	0.0	*
30/06/2025	8:00	64.6	59.2	52.8	50.4	44.1	-	39.4	0.0	12.0	95.0	1021.2	N	0.0	1.0	*
30/06/2025	8:15	70.8	61.9	49.8	49.4	40.1	-	37.9	0.0	13.0	95.0	1020.6	N	0.0	1.0	*
30/06/2025	8:30	74.9	70.0	51.9	55.8	42.7	-	39.6	0.0	13.0	95.0	1021.2		0.0	0.0	*
30/06/2025	8:45	72.1	65.1	50.0	51.8	41.3	-	38.4	0.0	13.0	95.0	1021.4		0.0	0.0	*
30/06/2025	9:00	70.9	64.0	52.1	51.3	41.0	-	38.0	0.0	13.0	94.0	1021.7		0.0	0.0	*
30/06/2025	9:15	73.3	66.9	54.4	53.6	40.8	-	38.3	0.0	13.0	94.0	1021.5		0.0	0.0	*
30/06/2025	9:30	71.1	65.2	55.7	53.4	43.8	-	39.9	0.0	13.0	94.0	1021.4	N	0.0	1.0	*
30/06/2025	9:45	65.7	56.5	50.5	48.1	43.0	-	40.3	0.0	13.0	94.0	1021.4		0.0	0.0	*
30/06/2025	10:00	67.8	57.6	49.5	47.8	41.5	-	38.0	0.0	13.0	94.0	1020.9	N	0.0	1.0	*
30/06/2025	10:15	62.0	55.7	47.8	45.6	39.0	-	35.1	0.0	13.0	94.0	1020.7	N	1.0	3.0	*
30/06/2025	10:30	69.6	58.1	50.5	49.0	43.7	-	38.5	0.0	13.0	94.0	1020.5	N	1.0	3.0	*
30/06/2025	10:45	65.5	57.1	49.8	48.0	43.8	-	40.9	0.0	13.0	93.0	1020.5	N	1.0	2.0	*
30/06/2025	11:00	65.5	57.4	51.5	48.8	44.0	-	41.4	0.4	13.0	94.0	1020.0	N	1.0	3.0	*
30/06/2025	11:15	76.1	62.0	53.6	51.9	44.5	-	42.1	0.4	12.0	94.0	1019.9	N	1.0	3.0	*
30/06/2025	11:30	65.7	56.9	52.1	49.4	44.9	-	42.8	1.0	12.0	95.0	1019.5	N	1.0	2.0	*
30/06/2025	11:45	69.8	63.4	55.7	52.9	46.5	-	44.5	0.8	12.0	95.0	1019.5	N	1.0	2.0	*
30/06/2025	12:00	66.7	57.3	50.8	49.6	46.2	-	44.3	0.8	13.0	96.0	1019.7	N	1.0	2.0	*
30/06/2025	12:15	69.8	62.9	53.0	51.7	46.8	-	45.0	0.4	13.0	96.0	1019.6	N	1.0	2.0	*
30/06/2025	12:30	66.7	57.0	49.3	48.9	45.9	-	44.2	0.8	12.0	96.0	1019.6	N	1.0	2.0	*
30/06/2025	12:45	75.7	63.3	52.2	51.8	46.1	-	44.4	0.6	12.0	96.0	1019.2	N	1.0	3.0	*
30/06/2025	13:00	65.7	54.6	50.2	48.6	45.7	-	44.2	0.4	12.0	96.0	1019.0	N	2.0	3.0	*
30/06/2025	13:15	63.2	53.8	52.3	49.3	46.4	-	44.8	0.2	12.0	96.0	1019.1	N	2.0	4.0	*
30/06/2025	13:30	70.4	56.9	49.8	49.8	47.1	-	45.7	0.2	13.0	96.0	1018.8	N	2.0	4.0	*
30/06/2025	13:45	70.1	60.5	48.9	49.8	45.8	-	44.4	0.2	12.0	96.0	1018.7	N	2.0	4.0	*
30/06/2025	14:00	70.1	56.5	48.9	48.3	44.8	-	43.1	0.4	13.0	96.0	1018.7	N	2.0	3.0	*
30/06/2025	14:15	61.1	52.5	48.9	46.8	43.8	-	41.8	0.2	12.0	96.0	1018.7	N	1.0	4.0	*
30/06/2025	14:30	62.9	53.2	49.8	47.6	44.6	-	42.2	0.0	12.0	96.0	1018.5	N	1.0	3.0	*
30/06/2025	14:45	75.3	53.9	49.2	48.5	44.7	-	42.2	0.4	12.0	96.0	1018.0	N	2.0	3.0	*
30/06/2025	15:00	75.3	54.5	48.5	49.3	44.8	-	42.2	0.0	12.0	96.0	1017.9	N	1.0	2.0	*

Date	End Time	Lmax	L1	L10	Leq	L90	L99	Lmin	Rainfall mm	Temp. °C	Relative Humidity %	Air Pressure hPa	Wind Direction	Avg Wind Speed m/s	Wind Speed max m/s	Validity Check
30/06/2025	15:15	61.6	55.9	50.9	48.2	44.5	-	42.0	0.0	12.0	95.0	1017.9	N	1.0	3.0	*
30/06/2025	15:30	63.2	55.2	48.9	47.7	44.4	-	41.7	0.0	12.0	96.0	1018.0	N	1.0	2.0	*
30/06/2025	15:45	63.0	55.2	49.6	48.2	45.5	-	43.8	0.0	12.0	96.0	1018.3	N	1.0	3.0	*
30/06/2025	16:00	63.1	51.7	48.9	47.4	45.3	-	43.0	0.0	12.0	96.0	1018.3	N	1.0	2.0	*
30/06/2025	16:15	73.3	56.8	50.1	49.1	44.1	-	41.4	0.2	12.0	96.0	1018.5	N	1.0	2.0	*
30/06/2025	16:30	66.4	57.8	51.2	49.0	44.4	-	42.2	0.2	12.0	96.0	1018.4	N	1.0	2.0	*
30/06/2025	16:45	69.7	60.0	48.6	49.1	44.2	-	42.4	0.0	12.0	96.0	1018.5	N	1.0	3.0	*
30/06/2025	17:00	72.1	56.0	48.6	48.1	44.4	-	41.8	0.0	12.0	96.0	1018.6	N	2.0	3.0	*
30/06/2025	17:15	57.0	53.1	48.7	46.9	44.4	-	42.1	0.0	12.0	96.0	1018.4	N	1.0	2.0	*
30/06/2025	17:30	62.8	55.0	48.6	47.7	45.2	-	43.2	0.0	12.0	96.0	1018.5	N	1.0	3.0	*
30/06/2025	17:45	53.6	51.7	49.7	47.1	43.5	-	41.0	0.0	12.0	96.0	1018.5	N	2.0	4.0	*
30/06/2025	18:00	55.8	50.6	48.5	46.5	44.2	-	42.0	0.0	12.0	96.0	1018.9	N	2.0	2.0	*
30/06/2025	18:15	56.4	50.9	48.2	46.8	44.6	-	42.3	0.0	12.0	96.0	1019.1	N	2.0	3.0	*
30/06/2025	18:30	62.5	59.2	55.4	51.1	45.8	-	43.3	0.0	12.0	96.0	1019.2	N	2.0	2.0	*
30/06/2025	18:45	56.5	51.8	48.8	46.8	44.2	-	41.9	0.0	12.0	96.0	1019.2	N	1.0	2.0	*
30/06/2025	19:00	53.4	49.5	47.5	46.1	44.2	-	42.1	0.0	12.0	96.0	1019.4	N	1.0	2.0	*
30/06/2025	19:15	54.5	51.8	49.8	47.3	44.1	-	42.5	0.0	12.0	96.0	1019.3	N	1.0	2.0	*
30/06/2025	19:30	57.6	52.1	49.5	47.2	43.8	-	41.0	0.0	12.0	96.0	1019.1	N	1.0	2.0	*
30/06/2025	19:45	52.7	50.3	47.9	46.2	44.1	-	41.6	0.0	11.0	94.0	1019.0	N	2.0	4.0	*
30/06/2025	20:00	64.1	58.5	52.6	49.1	43.4	-	41.1	0.0	11.0	93.0	1019.0	N	2.0	4.0	*
30/06/2025	20:15	55.7	49.8	47.4	45.5	43.1	-	40.5	0.0	11.0	94.0	1018.8	N	2.0	2.0	*
30/06/2025	20:30	53.9	50.0	47.2	45.4	43.1	-	41.1	0.0	11.0	94.0	1018.8	N	2.0	2.0	*
30/06/2025	20:45	57.5	54.7	48.8	46.7	42.4	-	40.3	0.0	11.0	95.0	1018.9	N	1.0	2.0	*
30/06/2025	21:00	51.9	48.9	47.1	45.0	42.4	-	40.6	0.0	11.0	95.0	1018.8	N	1.0	1.0	*
30/06/2025	21:15	67.3	62.7	46.3	49.1	41.6	-	39.9	0.0	11.0	94.0	1018.7	N	1.0	2.0	*
30/06/2025	21:30	51.1	46.9	44.8	43.2	41.5	-	39.2	0.0	10.0	94.0	1018.7		0.0	0.0	*
30/06/2025	21:45	55.7	48.4	46.1	44.4	42.1	-	39.9	0.0	10.0	95.0	1018.6		0.0	0.0	*
30/06/2025	22:00	52.5	49.7	46.6	44.4	41.8	-	40.2	0.0	10.0	95.0	1018.4		0.0	1.0	*
30/06/2025	22:15	58.0	50.9	47.0	45.3	42.3	-	40.2	0.0	10.0	95.0	1018.3		0.0	0.0	*
30/06/2025	22:30	60.1	52.2	46.3	44.1	39.6	-	36.8	0.0	9.0	95.0	1018.1		0.0	0.0	*
30/06/2025	22:45	54.3	49.3	45.1	43.1	39.9	-	37.3	0.0	9.0	95.0	1018.0		0.0	0.0	*
30/06/2025	23:00	53.6	48.2	45.4	43.4	40.6	-	38.2	0.0	9.0	95.0	1017.9		0.0	0.0	*
30/06/2025	23:15	57.2	54.5	51.2	46.4	39.6	-	37.5	0.0	9.0	95.0	1017.6		0.0	0.0	*
30/06/2025	23:30	52.8	49.4	45.6	43.4	40.4	-	38.0	0.0	9.0	95.0	1017.6	N	1.0	2.0	*
30/06/2025	23:45	57.7	51.6	47.2	43.9	40.2	-	38.1	0.0	9.0	95.0	1017.4	N	1.0	2.0	*
30/06/2025	0:00	50.3	46.6	44.3	42.4	39.7	-	37.0	0.0	9.0	95.0	1017.1	N	1.0	3.0	*

Noise Monitoring Data Sheet - Noise Trace



Appendix B. Noise Contour Maps





Legend
Calculated LAeq 1 hour

	Below 36 dB(A)
	37 to 42 dB(A)
	43 to 47 dB(A)
	48 to 52 dB(A)
	Above 53 dB(A)

Noise Criteria Line

	Residential (day) 42 dB(A)
	Education, Community & Health (day) 50 dB(A)

Modelled Sources

	Cotton Shed
	Truck, Tractor, Forklift & Loader Route
	Light Vehicle Route
	Container Handler
	Auger

Project Information

	Residential
	Commercial
	Education, Health & Community
	Sheds/Garage
	Receptors
	Grain Silo
	DCDB

Figure B1: Existing Noise Environment Day

Riverina Oakey Noise Impact Assessment
Map of existing day (7am-6pm) noise contours
modelled at 1.8m | 28 Katrina St, Oakey QLD 4401





Legend
Calculated LAeq 1 hour

	Below 20 dB(A)
	20 to 29 dB(A)
	30 to 39 dB(A)
	40 to 49 dB(A)
	Above 50 dB(A)

Noise Criteria Line

	Residential (evening) 42 dB(A)
	Residential (night) 37 dB(A)
	Education, Community & Health (night) 45 dB(A)

Modelled Sources

	Cotton Shed
	Truck, Tractor, Forklift & Loader Route
	Light Vehicle Route
	Container Handler
	Auger

Project Information

	Residential
	Commercial
	Education, Health & Community
	Sheds/Garage
	Receptors
	Grain Silo
	DCDB

Figure B2: Existing Noise Environment Evening/Night

Riverina Oakey Noise Impact Assessment
Map of proposed evening/night (6pm-7am) noise contours
modelled at 1.8m | 14-28 Katrina St, Oakey QLD 4401





0 100 200 300 Meters

N



Legend

Calculated LAeq 1 hour Below 36 dB(A) 36 to 42 dB(A) 42 to 48 dB(A) 48 to 54 dB(A) Above 54 dB(A)	Noise Criteria Line Residential (day) 42 dB(A) Education, Community & Health (day) 50 dB(A) Modelled Sources Commodity store	 Forklift, loader & tractor Container truck Grain truck Light vehicle route Truck unloading	 Container lift Container truck idling Grain truck idling Pit elevator & drag conveyors Auger	Project Information Residential Commercial Sheds/garage	 Education, health & community Receptors Grain Silo Machinery room Operations office
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Figure B3: Proposed Noise Environment Daytime

Riverina Oakley Noise Impact Assessment
Map of proposed Daytime Operations (7am-6pm)
modelled at 1.8m | 28 Katrina St, Oakley QLD 4401





0100200300
Meters

Legend

Calculated LAeq 1 hour

- Below 10 dB(A)
- 10 to 20 dB(A)
- 20 to 30 dB(A)
- 30 to 40 dB(A)
- Above 50 dB(A)

Noise Criteria Line

- Residential (evening) 42 dB(A)
- Education, Community & Health (evening) 45 dB(A)

Modelled Sources

- Commodity store
- Light vehicle route
- Container truck
- Grain truck
- Forklift, loader & tractor

Project Information

- Residential
- Commercial
- Education, Health & Community
- Sheds/Garage
- Receptors
- Grain Silo
- Machinery room
- Operations office

Figure B4: Proposed Noise Environment Evening

Riverina Oakey Noise Impact Assessment
Map of proposed evening operations (6pm-10pm)
modelled at 1.8m | 28 Katrina St, Oakey QLD 4401





0100200300

Meters

Legend

Calculated LAeq 1 hour

Below 10 dB(A)

10 to 20 dB(A)

20 to 30 dB(A)

30 to 40 dB(A)

Above 50 dB(A)

Noise Criteria Line

Residential (night) 37 dB(A)

Education, Community & Health (night) 45 dB(A)

Modelled Sources

Commodity store

Forklift, loader & tractor

Grain truck

Light vehicle route

Project Information

Residential

Commercial

Education, Health & Community

Sheds/Garage

Receptors

Grain Silo

Machinery room

Operations office

Figure B5: Proposed Noise Environment Nighttime

Riverina Oakey Noise Impact Assessment
Map of proposed nighttime operations (10pm-7am)
modelled at 1.8m | 28 Katrina St, Oakey QLD 4401