

From:

Sent:

Wednesday, 26 February 2025 5:34 PM

To:

Cc:

Subject:

Noise monitoring - Tuesday 25 February 2005 / Information required to send to where monitoring will take place

Attachments:

Rufus King- B&K Noise data sheets- noise monitoring.pdf

Hi

Please see attached, B&K noise data sheets from the noise monitoring of the refrigeration equipment (source noise) from Rufus King Seafoods

The results show that this was a very difficult measurement. It was noted by the officers at the time, that the change in noise level when the refrigeration equipment turned on was barely perceivable from the sensitive receptor. As you would be aware, the wind gusts in the tall trees surrounding the property and the car noise from Sovereign Road was the predominate (loudest) noise during the measurement period. This is evident in the noise readings results with the background LA90 noise levels being the same (when rounded to nearest dB) as the source noise level = 34dB(A). Such a result indicates that it is unlikely that noise from the noise source is an issue due to the masking effect of the ambient noise however, the Noise Measurement Manual states that "Care should be exercised with such results as it indicates a difficult measurement. The measurement should be repeated over a number of periods to give confidence in the result. It may require measurement during periods of low ambient, even if that does not correspond to the time of complaint, to get a definitive result."

If you want to discuss these results further, please ask.

Regards

Environmental Health Officer

Health & Environment Unit

Redland City Council

P 3829 8743

M



I acknowledge the traditional custodians of the lands and seas where I work. I pay my respects to Elders, past, present and future.

From: @redland.qld.gov.au>

Sent: Friday, 21 February 2025 4:10 PM

To: edland.qld.gov.au>

Cc: @redland.qld.gov.au>; @redland.qld.gov.au>

Subject: RE: Noise monitoring - Tuesday 25 February 2005 / Information required to send to where monitoring will take place

Sound great!

Kind regards,

Development Control Officer
Development Control | Environment and Regulation
Redland City Council
P +617 3829 8667



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Scan the QR code or visit us online.

redland.qld.gov.au/contact



I acknowledge the traditional custodians of the lands and seas where I work. I pay my respects to Elders, past, present and future.

From: [redacted] <[\[redacted\]@redland.qld.gov.au](mailto:[redacted]@redland.qld.gov.au)>
Sent: Friday, 21 February 2025 4:03 PM
To: [redacted] <[\[redacted\]@redland.qld.gov.au](mailto:[redacted]@redland.qld.gov.au)>
Cc: [redacted] <[\[redacted\]@redland.qld.gov.au](mailto:[redacted]@redland.qld.gov.au)>
Subject: RE: Noise monitoring - Tuesday 25 February 2005 / Information required to send to where monitoring will take place

How's 9:00am ferry / flyer?

From: [redacted] <[\[redacted\]@redland.qld.gov.au](mailto:[redacted]@redland.qld.gov.au)>
Sent: Friday, 21 February 2025 3:27 PM
To: [redacted] <[\[redacted\]@redland.qld.gov.au](mailto:[redacted]@redland.qld.gov.au)>
Subject: RE: Noise monitoring - Tuesday 25 February 2005 / Information required to send to where monitoring will take place

Thanks [redacted] I will pass this information on and see how I go. Yes, the refrigeration motor and daily activities during business hours seem to be creating the most concerns.

[redacted] will also be heading over with you both. Did you have a time in mind to head over on Tuesday?

Kind regards,

Development Control Officer
Development Control | Environment and Regulation
Redland City Council



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feedback**

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redland.qld.gov.au/contact



I acknowledge the traditional custodians of the
lands and seas where I work. I pay my respects
to Elders, past, present and future.

From: [REDACTED] <[REDACTED]@redland.qld.gov.au>

Sent: Friday, 21 February 2025 3:21 PM

To: [REDACTED] <[REDACTED]@redland.qld.gov.au>; [REDACTED] <[REDACTED]@redland.qld.gov.au>

Subject: RE: Noise monitoring - Tuesday 25 February 2005 / Information required to send to where monitoring will take place

H [REDACTED]

I assuming we will be monitoring Rufus Kings refrigeration equipment (device) on the day?

[REDACTED] we conduct noise monitoring from [REDACTED]
taking a 15-minute sample of the ambient/background noise (device off) then a 15min sample of the
refrigeration equipment (device on) while excluding any extraneous noises as best as possible. It often takes
about 45 min to collect both samples at a minimum. We use a B&K, Sound Level Meter (SLM) mounted on a
tripod, we cannot leave the SLM unattended, so [REDACTED] will remain [REDACTED] the entire time.

Cheers

From: [REDACTED] <[REDACTED]@redland.qld.gov.au>

Sent: Friday, 21 February 2025 2:49 PM

To: [REDACTED] <[REDACTED]@redland.qld.gov.au>; [REDACTED] <[REDACTED]@redland.qld.gov.au>

Subject: Noise monitoring - Tuesday 25 February 2005 / Information required to send to where monitoring will take place

Hi [REDACTED]

Are we able to provide some explanation on what will be done on the day? I can send it from my end but I'm just not sure on what to advise as I have not assisted with noise monitoring before.

Also, what time works for you both to head over on Tuesday?.

Thanks for your help.

Kind regards,

Development Control Officer

Development Control | Environment and Regulation

Redland City Council

P +617 3829 8667



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feedback**

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Right to Information Release



source- Rufus King - Refridgeration Compressor

Instrument:		2250
Application:		BZ7224 Version 4.7.3
Start Time:		02/25/2025 10:44:40
End Time:		02/25/2025 11:03:47
Elapsed Time:		00:10:13
Bandwidth:		1/3-octave
Max Input Level:		141.27

	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		A
Spectrum:	FS	A

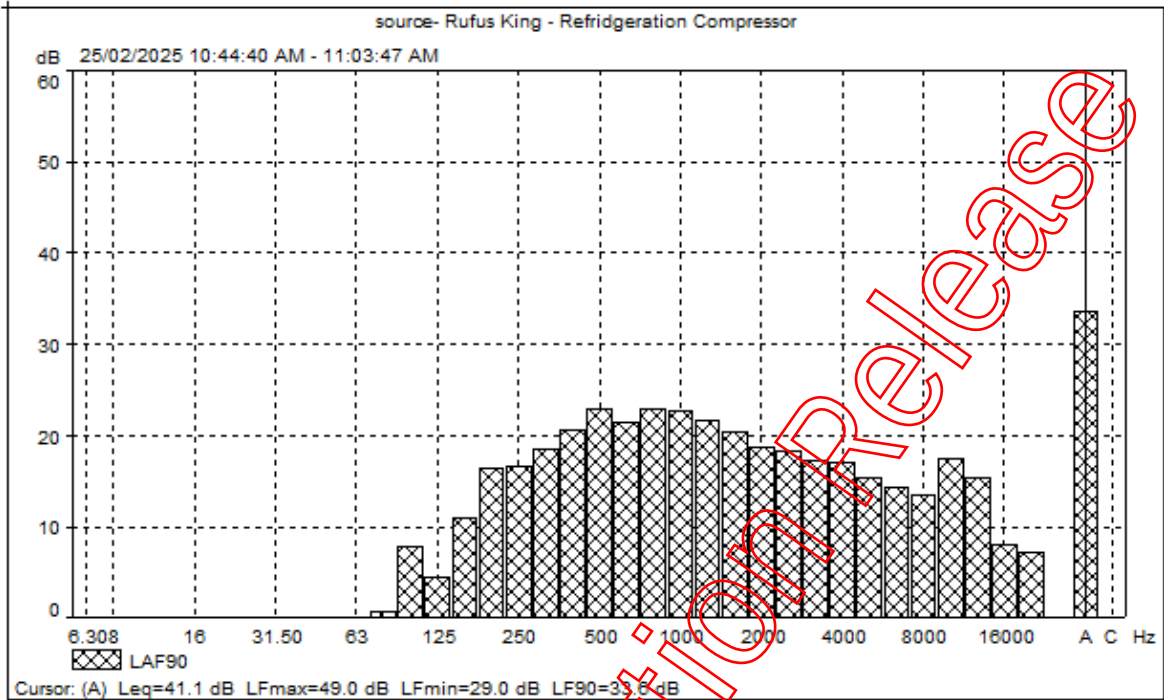
Instrument Serial Number:		3012151
Microphone Serial Number:		3100604
Input:		Top Socket
Windscreen Correction:		None
Sound Field Correction:		Diffuse-field

Calibration Time:		02/25/2025 10:20:41
Calibration Type:		External reference
Sensitivity:		48.088364303112 mV/Pa

source- Rufus King - Refridgeration Compressor

	Start time	End time	Elapsed time	Overload (%)	L _{Aeq} [dB]	L _A Fmax [dB]	L _A Fmin [dB]	L _A F90 [dB]
Value				0.00	41.1	49.0	29.0	33.6
Time	10:44:40 AM	11:03:47 AM	0:10:13					
Date	25/02/2025	25/02/2025						

Right to Information Release



Right to Information Release



Background-

Instrument:		2250
Application:		BZ7224 Version 4.7.3
Start Time:		02/25/2025 11:06:04
End Time:		02/25/2025 11:20:41
Elapsed Time:		00:11:50
Bandwidth:		1/3-octave
Max Input Level:		141.27

	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		A
Spectrum:	FS	A

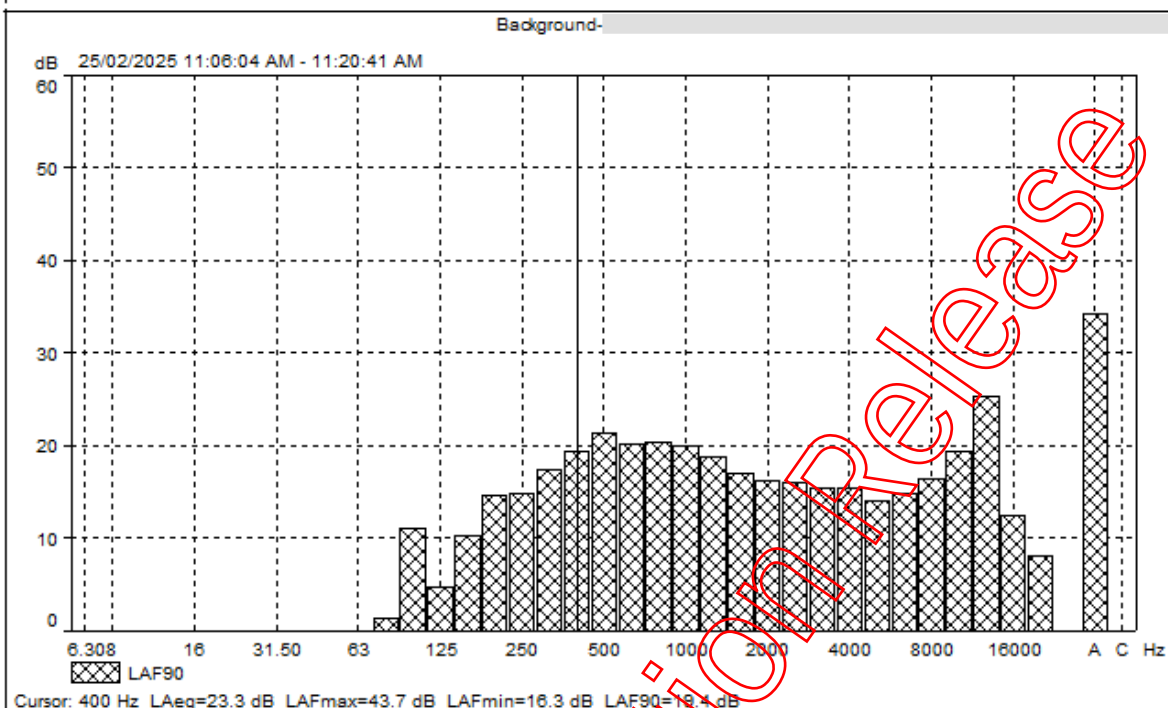
Instrument Serial Number:		3012151
Microphone Serial Number:		3100604
Input:		Top Socket
Windscreen Correction:		None
Sound Field Correction:		Diffuse-field

Calibration Time:		02/25/2025 10:20:41
Calibration Type:		External reference
Sensitivity:		48.088364303112 mV/Pa

Background-

	Start time	End time	Elapsed time	Overload (%)	L _{Aeq} [dB]	L _A F _{max} [dB]	L _A F _{min} [dB]	L _A F ₉₀ [dB]
Value				0.00	42.9	59.3	31.7	34.1
Time	11:06:04 AM	11:20:41 AM	0:11:50					
Date	25/02/2025	25/02/2025						

Right to Information Release



Right to Information Release