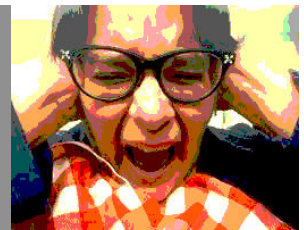




NOISE ISSUES FOR RESIDENTS



Supercars are proposing a race around historic Newcastle East. This will affect historic terraces, heritage listed buildings, aged care facilities, community housing, residences, and businesses, which line roughly 50 percent of the proposed racing circuit. Many homes and businesses are within 5 metres of the racing circuit...far closer than any other street circuit in Australia. Families will almost be living on a racing car circuit.

Supercars have stated: “cars are limited to a maximum of 95 dB(A) 30 metres from the vehicle”. This is from just one car. Independent noise modelling confirms actual levels could be up to 109 dB(A) at your house or business premises!

THIS CAN CAUSE HEARING DAMAGE AND IS UNACCEPTABLE!

This noise exposure **exceeds all safe levels** mandated by SafeWork NSW. The Work Health & Safety Act FULLY applies to the event. This will pose significant problems for residents, employers and anyone who works or lives adjacent to the circuit. There are two ways to reduce these extreme noise levels. One is to muffle the cars. The other is to move the race.

Excessive noise levels are known to contribute to hearing damage, or even hearing loss during multiple exposures. Noise-induced hearing loss (NIHL) and associated disorders are irreversible. **Noise can produce damage that goes undetected, progresses unnoticed, and finally manifests itself long after the fact.**

Residents, families and pets adjacent to the circuit will be exposed to near continuous noise levels during racing in excess of 105dB(A). These may exceed 90 - 95 dB(A) inside living and sleeping areas. Requests by medical professionals and residents for an **Environmental Noise Assessment** for the event have been ignored by race organisers.

Residents and their families in Newcastle East will be living and operating **within a workplace**. Despite an obligation to do so, authorities have NOT notified residents of these exposure levels. They have NOT issued a **noise impact statement** nor enacted their primary duty of care as a *person conducting a business or undertaking* under the WHS Act. They have displayed complete negligence by disregarding community concerns and putting *their* profits over public health. Any domestic activity that requires giving and receiving verbal instructions to ensure safety is an OH&S issue. Ask yourself: Will you be able to hear or be heard inside your house, in your backyard, in a café, bar, kitchen, medical centre or police station with these extreme noise levels? The answer is no!

Authorities continue to IGNORE these critical NOISE ISSUES to the detriment of **your** safety.
YOU HAVE A LEGAL RIGHT TO BE SAFE AT HOME!

What can you do? Talk to Safework, talk to Council, talk to Supercars. Take action to relocate this race to a dedicated and safe racing venue ... for the health and safety of you and your family!

FAMILIES & COMMUNITY FIRST!



EXPOSURE TIME GUIDELINES

Accepted standards for recommended permissible exposure time for continuous time weighted average noise, according to **NOISH and CDC, 2002**. For every 3 dBAs over 85dBA, the permissible exposure time before possible damage can occur is halved.

| Continuous dB | Permissible Exposure Time |
|---------------|---------------------------|
| 85 dB | 8 hours |
| 88dB | 4 hours |
| 91 dB | 2 hours |
| 94 dB | 1 hour |
| 97 dB | 30 minutes |
| 100 dB | 15 minutes |
| 103 dB | 7.5 minutes |
| 106 dB | 3.75 minutes |
| 109 dB | < 2 minutes |

