

PCU065865

SUBMISSION

TO

N.S.W. DEPARTMENT OF PLANNING & ENVIRONMENT

Re

SYDNEY METRO CITY AND SOUTH WEST :
CHATSWOOD DIVE SITE.

APPLICATION N° SS1 15-7400

THIS SUBMISSION IS AN OBJECTION TO PROPOSED
NOISE MANAGEMENT MEASURES.

SUBMISSION MADE BY

MARGARET AND JOHN HOULT

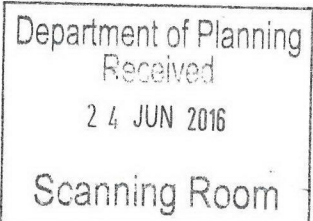
6 ORCHARD RD

CHATSWOOD 2067.

21 JUNE 2016.

We hereby declare we have NOT made any
political donations at all in the past 2 years

M.E. Houlst.



OBJECTION TO PROPOSED NOISE ABATEMENT MEASURES AT THE CHATSWOOD DIVE SITE

We are very concerned about the inadequacy of the above.

Our house is on the corner of Orchard Rd. and Latham St. According to Table 23 on page 64 of Volume 2 B of the Environmental Impact Statement, it will be among the residences most affected by noise during construction of the Metro project.

The EIS states that your modelling shows the noise level will only increase by 10 dB above current levels. We find this impossible to believe.

Modelling is not an exact science. You are asking us to accept that some - if not all - of the following activities will not generate more than 10 dB.

- relocation of T1 line southbound
- building a ramp or viaduct to elevate the T1 line northbound, and then build a bridge over the Metro dive
- excavating for the Metro dive: at least part of the dive excavation will be outside the acoustic shed - if the shed is to be constructed (see later).
- building support for the western side of the Mowbray Rd bridge
- inserting soldier piers (it is not clear where these will be)

All the above will go on from 2017 until 2022, in various stages, and they won't be within an acoustic shed (if there is to be one).

Page 47 of your EIS summary states "an acoustic shed MAY (our emphasis) be constructed over the excavation to reduce noise impact". There ~~are~~^{are} no criteria given to indicate the need for such a shed.

If an acoustic shed is not constructed, then we cannot foresee how the noise level created by drive excavation and tunnel entrance boring will not go well above your claimed 10dB increase, and cause intolerable noise. Surely this shed is imperative.

I am 80 years old, my wife a few years younger. When the Metro project construction work finishes in 2022 I will be 86. Noise is a major problem for the elderly: we don't want to be condemned to loud noise for the last years of our life.

When we did an extension to the back of our house in 2014, Willoughby Council insisted we pay for an acoustic engineer to assess the noise level from the T1 railway at the site of ~~the~~^{our} new work. The noise level from your project will most certainly breach the guidelines for noise.

Once your project commences and we do find the noise level intolerable, do we have to hire the acoustic engineer again, and if his measurements confirm our fears, what recourse do we then have? Would you halt the project until suitable noise management measures are installed?

NEED FOR ADDITIONAL MEASURES FOR NOISE ABATEMENT.

Because your own EPS acknowledges we will be among the most affected by noise, it is essential that you take additional measures to protect us from assault by noise over the 6 year period.

Two have occurred to us - we give them below - you may know of others.

The first solution would be to erect a noise barrier (temporary or permanent) along the high ground on the east side of the T1 line cutting, just outside the boundaries of the properties between Nelson St. and Mowbray Rd. Your EPS says you plan to increase the height of the existing noise barrier between Chapman Ave and Nelson St up to 4 metres. We request the noise barriers be extended up to Mowbray Rd.

Our second solution would be the installation of double glazing on all windows and glass doors facing westwards. This is a less preferred solution as it would mean residents would still be subject to noise as they use their backyards for leisure and recreation.

We strongly urge you to take necessary steps to protect us from noise pollution.