Good morning,

It was good to see the Transport NSW Team on Saturday 30th at Marrickville, thank you for sharing your time on a Saturday with the local community.

The 'Six Streets' Team has been reviewing the Preferred Infrastructure Report and we do have a few questions on noise impacts outlined in the report.

Given that the Albermarle Bridge and embankment works are no longer happening and the existing platform is remaining rather than being removed we were surprised that <u>Dulwich Hill appears to be</u> the most noise affected of the local areas

The table below indicates that 125 residences are nominated as being as being so noise affected that they will be provided with alternative accommodation

Volume 1 of the Preferred Infrastructure report June 2018 Table 15.5 (p545)

NCA	Number of receivers							
	Standard daytime	Possession/closedown works-night-time (out of hours work period 2) ¹						
		With ballast tamping					Without ballast tamping	
	LB, M ²	LB ²	M, LB ²	M, IB, LB, PC, SN ²	AA, M, IB, LB, PC, SN ²		M, IB, LB ² ,	LB, M ²
Preferred	d project							
NCA01	188	196	510	205	78		205	78
NCA02	233	326	564	187	125		187	125
NCA03	196	88	387	154	83		154	83
NCA04	77	68	123	70	26		70	26
NCA05	132	-	188	119	70		98	62
NCA06	69	74	260	151	63		104	47
NCA07	81	256	527	134	33		108	33
NCA08	23	291	177	73	-		73	-
NCA09	65	171	271	102	20		102	20
NCA10	2	372	144	52	-		52	-
NCA11	77	170	318	152	41		117	16

Note 1: Out of hours work Period 2: Mon-Fri (10pm - 7am), Sat (10pm - 8am), Sun/Pub Hol. (6pm - 7am)

Note 2: The following abbreviations are used: Alternative accommodation (AA), Monitoring (M), Individual briefings (IB), Letter bo drops (LB), Project specific respite offer (RO), Phone calls (PC), Specific notifications (SN).

Based on the maps below, homes which are in the green or yellow/orange zones, which includes most homes in the Six Streets, are in danger of having their sleep disturbed. The green or yellow/orange zones shows homes which will suffer noise greater than 50 decibels at night (10pm-7am)

Appendix E: Noise and Vibration assessment

Daytime noise (P110)



Our understanding is that anything over 15dba's causes sleep disturbance

>80 dba's

70-80 dba's

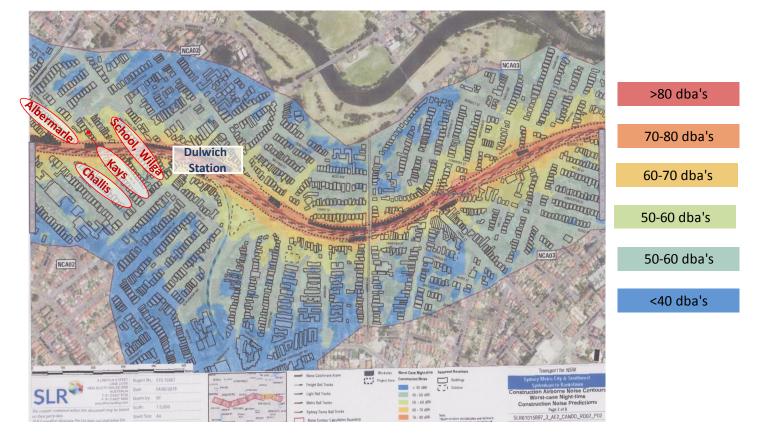
60-70 dba's

50-60 dba's

50-60 dba's

<40 dba's

Night time noise (P120)



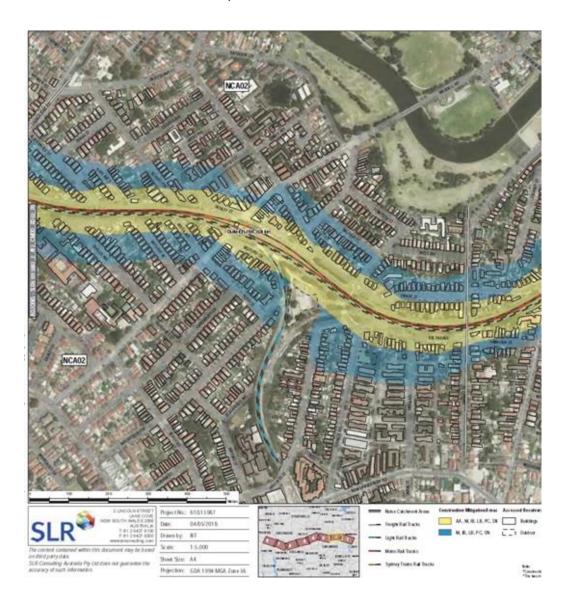
We understand that the Dulwich Hill recorded background noise is 33 decibels.

The EPA say people's sleep gets disturbed when there is a rise of 15 decibels above the background noise they are used to – in the case of Dulwich Hill that is 48 decibels.

So in theory if you are in the green, yellow or orange zone you are at 50+ decibels so would be sleep disturbed.

Our understanding is that rather than 15 decibels, the Metro deems 30 decibels above the background noise as causing sleep disturbance

On this basis, if you are in the yellow zone on the map below—you have the potential for alternative accommodation, in the blue zone you are monitored



The main issue is how many nights will the noise levels be at these high levels?

Given these concerns, we have four questions that we would like your feedback on

- 1. Why is noise impact on Dulwich Hill so much higher than other areas?
- 2. Is there anywhere in the Preferred Infrastructure Report which shows how many days and nights are planned at these high noise levels? If not, can they please provide us an indication of the total days and nights of high noise impact, even if they can't tell us the schedule yet?
- 3. What is the process for both offering alternative accommodation, and advising residents on the noise impacts, e.g. how much notice are we given on when the noise will occur?
- 4. If the monitoring finds higher noise impacts, what happens then? Are there temporary noise mitigation measures that can be put in place like window, screens etc. for those who want them?

If you could please clarify the above issues as soon as possible that would be much appreciated

We thank you again for your ongoing assistance in helping us understand and plan for the impact that the Metro will have on residents.

Kind regards

Margo Cashman