

**Submission
No 194**

INQUIRY INTO IMPACT OF THE CBD AND SOUTH EAST LIGHT RAIL PROJECT

Name: Ms Shawna Koh

Date Received: 27 July 2018

Dear Mr Fred Nile and the other member of the committee:

I am one of the resident along the Eastern side of Doncaster Avenue Kensington. Our property directly borders the light rail stabling yard.

Issues:

- 1) Severe vibration during construction:
 - a. At the early stage of the construction, there were daily vibration that's transmitted to our property as part of the compaction work to turn sandy soil into sand stone foundation for the stabling yard. It was so severe that all our furniture and dishes clanks during it. It occurs at all hours of the day causing severe disturbance in our sleep. There is also concern if this vibration has shifted the foundation of our house with changes in our floor boards now opening in some parts and creeks in other parts.
- 2) Complete change of outlook from our property:
 - a. There used to be 5 majestic fig trees directly behind our property setting a lovely view from our windows and backyard. (please see photos attached) I could just sit and stare into it looking at all the wild lives going in and out of the trees. Now this view is replaced by 4 meters high concrete acoustic wall that reflects harsh afternoon sun into our windows and hundreds of light poles and overhead wiring. Initially we were given a picture where the trees that's planted in between our property and the stabling yard will block most of the view. However, with the light poles and wiring height being raised to 11m above ground (instead of 5m as previously stated) the trees that's planted (with expected mature height of 6m and being planted 2m below the height of the stabling yard) will not even cover half of the structure that's showing after the trees reach mature height in 10-20 years!
- 3) Light poles:
 - a. The 11m light poles that were installed in the stabling yard was an unexpected addition that was only made aware to the residents in the middle of 2017. The Doncaster Avenue residents (even though we have been in regular contact with the communication team from Acciona) was not consulted about this change. The lights sits right at the top of the poles. Now the light poles lights up the stabling yard like a stadium at night and the lights stream into our house causing significant glare. Since the lights are being turned on every night, my sleep quality has reduced significantly which I believe is due to the high blue light ratio that's being emitted by the LED lights. Unlike a stadium which only operates during the games, the stabling yard lights up every night from dawn to dusk seven days a week. There is no escape or respite from the effect of the lights, their glare and the disruption to our sleep.
- 4) Noise and vibration of the future running of the stabling yard:
 - a. We persistently raised our concerns about the noise and vibration that is going to be generated by the light rail vehicles once the stabling yard is up and running. The only mitigation measure is the 4m acoustic wall which does not seem to be that affective dampening down the construction noise at the moment. There is no mitigation measure put in to dampen the vibration that will be produced by the light rail vehicle despite us continuously raising concern about it during our meetings with the communication team from Acciona. Noise that produced between the wheels of

the vehicle and the tracks will travel not just by air but through the ground. However, there's no measure to mitigate this either that is being put in place.