

**INQUIRY INTO PERFORMANCE OF THE NSW
ENVIRONMENT PROTECTION AUTHORITY**

Name: Mr Magdy Habib

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I wish to make the following submission for consideration regarding the White Bay Cruise Terminal:

1. Fuel sulphur content is up to 35 times higher than allowed in Europe and North America. Cruise ships in Sydney Harbour are allowed to burn fuel with a sulphur content of up to 3.5%. In North America, once ships come within 200 nautical miles of the east or west coastlines, they are not allowed to burn more than 1% sulphur fuel and this will further reduce to 0.1% sulphur by January 2015. In Europe, ships in port are also limited to 0.1% sulphur fuel.
2. Shore-to-ship power has not been provided. Over 100 ports around the world now provide the ability for ships to connect into the local power grid so that they can switch off their engines stopping dangerous diesel emissions in port. Whilst there was a requirement to allow for shore power at the White Bay Cruise Terminal in the future, there is no requirement to actually provide it and as predicted Sydney Ports are reluctant to embrace shore power at the site.
3. Emissions monitoring criteria is inadequate and unsafe. It is well known that diesel emissions are carcinogenic containing the dangerous toxins: sulphur dioxide, nitrogen oxides, particulate matter (both PM10 and the finer and more deadly PM2.5), benzene, toluene and formaldehyde. Yet, monitoring of the White Bay Cruise Terminal measures only two toxins – sulphur dioxide and PM10. It completely ignores the other dangerous emissions. By way of example, benzene is a carcinogen for which there is no safe level of exposure. Further, the criteria against which sulphur dioxide is being monitored is woefully inadequate, with the 24 hour allowable limit 11.4 times higher than the World Health Organisation recommends.
4. Continual and significant breaches in noise levels produced by the massive ships engines, which continually run in 'hotelling' mode whilst in port.
5. There are no penalties for these significant and harmful breaches of the approved planning conditions. There is no provision for cruise companies to be penalised for breaches of the regulations that do exist (inadequate as they are). For example, monitoring has shown that the cruise ships have breached noise criteria over 75% of the time, yet the only requirement in the planning approval to address such breaches is for more monitoring to be conducted.

This lack of regulation has already resulted in our community experiencing a range of health symptoms and exposure to serious, known health risks. All of which could easily been avoided if the protective measures which were adopted long ago in the Northern Hemisphere, were implemented here.

These are our concerns.