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Submission in objection to EIS Application Number 201700053 MATERIALS RECOVERY FACILITY

I am concerned with the odour study (Sections 11, 12) but the proponent CRS has not provided a study of AIR QUALITY as required for this draft EIS on page 4 of the ACTPLA Scoping Document under Environmental Theme: Climate Change and at Air quality, 8.1.8.

The absence of an air quality assessment for the waste transfer station is concerning given that:

The five-times-an-hour turnover of the entire air volume within the MRF shed and ensuing negative air pressure means that particulates from all waste both recyclable and residual waste of unknown content will exit through the stack;

The compactor units will hydraulically compress the RDF and thereby eject contaminated air that otherwise may not be released. Particulates from this contaminated air will likewise be sucked up and vented through the stack;

Diesel fumes from trucks unloading in a closed facility were ignored;

As there is no filtration treatment of the air being delivered to the outside environment particulates of all quality will be ejected;

The lack of filter systems for odour and particulates is surprising and concerning. Such filters are considered standard practice in the USA.

According to the CASA modelling, [496] (p.1) (sec 17), in regard to the height of the stack at 21m, the velocity assumed for the vented air masses is no less than 20m/sec on exit and will have slowed down to the *Critical Plume Velocity* of 6.1m/sec at 38m to 39m distance.

Given that the NSW EPA has identified the Queanbeyan/Canberra region as the highest concentration of 2.5 particulates outside of Sydney in its NSW/ACT modelling;

I request that CRS be required to provide a proper assessment of AIR QUALITY by a suitably qualified environmental scientist to take account of;

Conditions inside the closed shed for workers engaged in sorting and transfer activities;

Proximity of waste sorting and transfer activities to the residents of properties on Wiluna Street located within 100m and elsewhere within a radius of 300m in Fyshwick;

Proximity of waste sorting and transfer activities to workers in the surrounding streets;

Proximity of waste sorting and transfer activities to the residents and workers in the future East Lake development which will have at least 6 storeys of commercial and

apartment occupancy with the edge of the site located at 264m from 16 Wiluna St

Fyshwick. [advised on 18 May 2018 update to the planning website].

Proximity of waste sorting and transfer activities to the customers currently some 10,000 per week and future workers and residents of the Dairy Road Foreshore development

Yours sincerely



