



DOC20/671282

Senders ref: SSD10401 (Canterbury – Bankstown)

Susan Fox
Senior Environmental Assessment Officer
Industry Assessments
Planning and Assessment Group
NSW Department of Planning, Industry and Environment
4 Parramatta Square
12 Darcy Street
PARRAMATTA NSW 2150

Dear Ms Fox,

Subject: Notice of Exhibition - Chullora Materials Recovery Facility, 21 Muir Road, Chullora (SSD 10401)

Thank you for your e-mail dated 11 September 2020, attaching additional information for the Notice of Exhibition for Chullora Materials Recovery Facility (MRF) at 21 Muir Road, Chullora.

EES has reviewed the relevant documentation and make the following comments.

Biodiversity

EES is unable to comment on this application because the characteristics of site depend on DA366/202, which is currently being assessed by Canterbury-Bankstown Council. The DA includes, amongst other things, the removal of trees and other vegetation and bulk earthworks.

Flooding

EES has reviewed the following reports:

- Chullora Materials Recycling Facility Amended Scoping Report (report prepared by ARCADIS for Suez), April 2020
- Rookwood Road Catchment Flood Study Report (report prepared by BMT WBM for Bankstown City Council), July 2010
- Chullora Materials Recycling Facility Environmental Impact Assessment (report prepared by ARCADIS for Suez), August 2020
- Chullora Materials Recycling Facility Environmental Impact Assessment – Appendix L Water and Hydrology Impact Assessment (report prepared by Contin Roe Consulting for Suez), August 2020.

The proposed MRF (Materials Recycling Facility) is located adjacent to the Cooks River in its headwater region. The flood study completed in 2010 by (the former) Bankstown City Council in the Rookwood Road Catchment indicates that the site is subject to flood affectation during the 5% AEP Flood Event and under the events with higher recurrence intervals under existing conditions. The flooding impacts are high at the southern portion of the site, which is located adjacent to the Cooks River (channelized section). The proposed site would be inundated during the PMF Event and the floodwater depth would vary from 3m at the southern portion of the site to 1.5m at the northern portion.

The flooding risk at the development site would predominantly be medium whilst the southern portion of the site would be exposed to high risk under existing conditions due to the topography and the proximity to the Cooks River.

The site will be redeveloped by filling its eastern portion above the 1% AEP flood level and by constructing a flood detention basin (22,100m³) on its western portion. The site will still be subject to flood affectation during the PMF Event when the access road to the MRF will be cut off except a small segment of Muir Road (intersecting Anzac Street) at the north-western corner of the site. This may pose risk to workers as the MRF will be operating 24/7. The risk during the PMF may be manageable by adopting an appropriate shelter-in-place strategy as the duration of flooding would be in the order of three hours. The proponent has indicated that a flood risk management plan will be in place at the MRF site to address and mitigate the flooding impacts (Appendix L of the EIS). The management plan will include a flood warden, evacuation zones and responsible persons, and will be developed in consultation with Council and the NSW SES.

Subject to the development of a comprehensive flood risk management plan with well-defined roles and responsibilities for the execution of the plan during major and rarer flooding events, EES has no further comments to make on this development

Please note from 1 July 2020 Aboriginal cultural heritage regulation, including advice regarding SSIs and SSDs, is now managed Heritage NSW. The new contact for the ACH regulation team is heritagemailbox@environment.nsw.gov.au.

Should you have any queries regarding this matter, please contact Bronwyn Smith Senior Conservation Planning Officer on 9873 8604 or Bronwyn.smith@environment.nsw.gov.au.

Yours sincerely



21/09/20

SUSAN HARRISON
Senior Team Leader Planning
Greater Sydney
Climate Change and Sustainability