



25 November 2016

Ms Kate Masters
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Dear Kate

Proposed Development at: 1A McIntosh Drive, Mayfield West - Lot 1 of DP874109
Application No. SSD 7698
Applicant: Benedict Recycling Pty Ltd
Council Area: Newcastle Local Government Area

I refer to your email notification dated 7 November 2016 concerning the above development. This letter is Ausgrid's response under clause 45(2) of the *State Environmental planning Policy (Infrastructure) 2007*.

The following issues have been identified with this proposed development

1. Intensification of use of the existing Right of Carriageway (RoC).

Ausgrid opposes the intensification of use of the existing Right of Carriageway which benefits Lot 1 of DP874109 (Proposed Resource Recovery facility). The applicant proposes to use the existing Right of Carriageway for increased truck movements as well as access by the public. The EIS states that:

1. the applicant's proposal will generate 64 truck movements and 6 light vehicle movements per day (refer page 83 Section 7.4.2 Traffic and transport impacts).
2. hours of operation (ie, open for public deliveries) are 6am to 6pm M-F, 6am to 5pm Sat, 7am to 3pm Sun, with limited occasions for waste acceptance 24 hrs/day (refer page 34 Section 2.9 Workforce and hours of operation).

Ausgrid is concerned that the applicant's proposal to allow the public to use the bitument access track will expose the Ausgrid property (being a Zone Substation, transmission assets and storage facilities) to increased public traffic and may increase the risk to public safety and the risk of security events and resultant liabilities.

2. Unagreed use of the existing Right of Carriageway.

Ausgrid notes the following.

1. the existing RoC benefits the owner of the lot benefitted, and does not convey these rights to others, such as the public.
2. the proposal to place locked gates at the entrance off Macintosh Drive, parking or queueing of trucks within the RoC, damaging Ausgrid's land and bitumen track, dropping rubbish, etc would all be non-compliant with the terms of the RoC.

3. Damage to Ausgrid property (land and bitumen track, underground conduits/cables)

The EIS information, at page 19 Section 2.2.7.ii Access Road, at page 38 Section 2.11.4. Traffic, and at page 45 Section 3.1.5.i. Site Access, is extremely brief and while it references the existing RoC, it does not address the suitability of the existing land and bitumen track owned by Ausgrid to support the planned activity and increased traffic loads on the road and the underground conduit bank, and does not address the obligations on the applicant to repair the land and bitumen track and conduit bank if damaged by the applicant's activities.

Ausgrid wishes to stress the obligation to repair any damage on the Ausgrid property and seeks confirmation that any activities to be carried out as part of this approval have been assessed and will not cause damage.

4. Proximity to Existing Above Ground Network Assets

The proposed development is directly adjacent to Ausgrids 132kV Mayfield West Zone Substation (Lot 16 of DP270249). There are existing overhead electricity assets within the Zone Substation and the adjacent road reserves of Tourle St & McIntosh St.

Ausgrid requires the Mayfield Resource Recovery facility not to store any recycling material in a manner that would allow it to become airborne during storms. This may damage the Mayfield West Zone 132kV, impacting network reliability.

Workcover Document 8290 – Work Near Overhead Powerlines outlines the minimum safety separation requirements between these mains / poles to structures within the development throughout the construction process. It is a statutory requirement that these distances be maintained throughout construction.

The “as constructed” minimum clearances to the mains must also be complied with. These distances are outlined in the Ausgrid Network Standard, *NS220 Overhead Design Manual*. This

document can be sourced from Ausgrid's website, www.ausgrid.com.au

Before a construction certificate is issued the developer will be required to submit a survey plan to Ausgrid showing the location of all overhead mains within 5 metres of the proposed development. This drawing must contain a plan view and an elevated view clearly indicating the location of the overhead mains in relation to the development. This information should be forwarded to Sean Freeman (02) 4910 1200 or at the above Ausgrid mail address for further comment.

It is recommended that Ausgrid is contacted on (02) 4910 1200 to discuss compliance issues regarding the relevant *Workcover Document 8290 – Work Near Overhead Powerlines*.

Underground Mains

The works described in your notification are also in the vicinity of underground electricity assets. Please refer to Ausgrid's Network Standard 156 - Working near or around underground cables which can be found on Ausgrid's website at www.ausgrid.com.au and *Workcover Document– 'Work Near Underground Assets'*. This standard must be complied with.

Method of Electricity Connection

The method of connection will be in line with Ausgrid's Electrical Standard (ES)1 – *'Premise Connection Requirements*.

Please do not hesitate to contact me on pbratby@ausgrid.com.au or on (02) 9269 7216 if you require any further information or assistance.

Yours sincerely

 25/11/16

Phil Bratby
Program Development Manager
Ausgrid