



Hunter Water Corporation  
ABN 46 228 513 446  
Customer Enquiries 1300 657 657  
enquiries@hunterwater.com.au

PO Box 5171  
HRMC NSW 2310  
36 Honeysuckle Drive  
NEWCASTLE NSW 2300

8 September 2010

Ref: 2009-905

NSW Department of Planning  
GPO Box 39  
**SYDNEY NSW 2001**

Attn : Felicity Greenway

Dear Felicity,

**RE: PART 3A ENVIRONMENTAL ASSESSMENT ADVICE – PROPOSED RECYCLING FACILITY AT LOTS 42,43,53, AND 54 DP 16062, THE WEIR ROAD TERALBA.**

As requested, Hunter Water has reviewed the environmental assessment for the provision of water services to the proposed recycling facility at Lots 42, 43, 53, and 54 DP 16062, The Weir Road, Teralba.

General information on water issues relevant to the proposal is included in this correspondence. This information is based on Hunter Water's knowledge of its system performance and other potential development in the area at the present time.

As you will appreciate, there may be significant changes that occur by the time the development proceeds to the lodging of a development application, therefore this Part 3A Environmental Assessment advice is not a commitment by Hunter Water and may be subject to significant change prior to the development proceeding.

In this instance, Hunter Water's Part 3A Environmental Assessment advice is as follows:

**1. Water Supply**

The proposed development is located in the South Wallsend Water Supply System. The development can be serviced via the existing 150mm MSCL main located at the intersection of The Weir Rd and Racecourse Rd. The maximum RL on the development site is approximately 2m AHD.

The development site is currently remote from existing water services. The developer has proposed to connect into the existing water supply system via the extension of a 65mm service from the existing 50mm water meter to the development site. Hunter Water advises that such a connection would only be available under a Non-Standard Water Service Agreement and, as such, Hunter Water is required only to meet Peak Day Demand and Fire Flow requirements **at the point of connection to our infrastructure** (that is the existing connection at the intersection of The Weir Rd and Racecourse Road)

However, further analysis of the water system at the boundary of the proposed development site reveals that ultimate pressures provided to the development via the 65mm service would not meet minimum fire fighting standards. In order to achieve suitable fire fighting pressures at the development site, a 100mm service (minimum size capable of providing suitable pressures) is required. The 100mm service, like the proposed 65mm service, would only be available under a Non-Standard Water Service Agreement.

Alternatively, the developer may wish to construct a developer funded 100mm water main which Hunter Water will require constructed along the total frontage of the development. Hunter Water will own and carry out any future maintenance on the main and will be required to provide minimum Peak Day Demand and Fire Flow pressures to the development site.

## **SEWER**

This site is remote from Hunter Water's sewerage system.

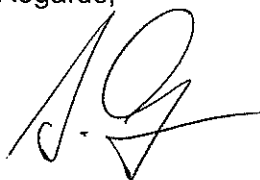
## **RECYCLED WATER**

Hunter Water supports the use of recycled water where economically feasible and environmentally sound. There may be potential to supply the proposed site with recycled water from Edgeworth Waste Water Treatment Works. Hunter Water would be happy to discuss this opportunity further with the applicant.

Hunter Water has no objections to the proposed development application; however the developer should continue to liaise with Hunter Water regarding the development..

If you have any enquiries, please do not hesitate to contact Stephen Glynn on 4979 9525.

Regards,



Stephen Glynn  
Account Executive Major Development  
[stephen.glynn@hunterwater.com.au](mailto:stephen.glynn@hunterwater.com.au)  
Tel: 02 4979 9525  
Fax: 02 4979 9711