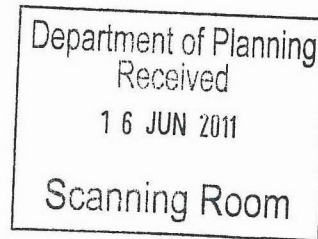




7 June 2011

Ms Heather Warton  
Director  
Metropolitan & Regional Projects North  
Department of Planning & Infrastructure  
GPO Box 39,  
Sydney NSW 2001



## **MP 10\_0181 Stage 1 of the Riverwood North Estate Residential Renewal Project**

Attention: Megan Fu

Dear Ms Warton,

Thank you for your letter of 23 May 2011 requesting comment on Stage 1 of the Riverwood North Estate Residential Renewal Project. Sydney Water has reviewed the proposal and provides the following comments for the Department's consideration.

### **Wastewater**

The current wastewater system has limited capacity to service the Riverwood North Estate. In order to service future growth Sydney Water requires the wastewater main from point A to point B to be upsized from a 225 mm main to a 300 mm main (refer to Figure 1). The developer will then need to design and construct a 300 mm wastewater main extension from point B to point C to service the proposed development (refer to Figure 1). From point C the developer will need to construct the relevant wastewater infrastructure to service the entire Riverwood North Estate.

An accredited Hydraulic Designer will need to be engaged by the developer to ensure that the proposed wastewater infrastructure is sized & configured according to the Sewerage Code of Australia (Sydney Water Edition WSA 02-2002). Evidence of Code compliance should be attached with the design.

### **Drinking Water**

The current drinking water system has limited capacity to service the Riverwood North Estate. In order to service future growth Sydney Water requires the drinking water mains between the points B to C, C to D, C to E & F to G to be upsized from a 150 mm main to a 200 mm main (refer to Figure 2). The developer will then need to design and construct a new 200 mm drinking water main to be laid between points A to B and E to F (refer to Figure 2).

An accredited Hydraulic Designer will need to be engaged by the developer to ensure that the proposed drinking water infrastructure is sized & configured according to the Water Supply Code of Australia (Sydney Water Edition WSA 03-2002). Evidence of Code compliance should be attached with the design.

### **Riverwood North Estate Master Plan**

The entire Riverwood North Estate drains to two wastewater catchment areas serviced by Sewage Pumping Station 00182 and Sewage Pumping Station 00212. The majority of the Stage 1 development site drains to Sewage Pumping Station 00182. Further information about the number of dwellings for the entire Riverwood North Estate is required to determine the necessary works to upgrade Sewage Pumping Station 00182. Some wastewater flows have the potential to be directed into the Sewage Pumping Station 00212 catchment depending on the total estate's development potential. The drinking water mains may require amplifications along Belmore Road back to the superior supply main at Wiggs Road depending on the total number of dwellings for the entire estate.

Sydney Water requests that a master plan showing all future development stages and their dwelling projections be provided for review. This will enable Sydney Water to determine the necessary amplifications required to both its drinking water and wastewater infrastructure to service the entire development estate. Sydney Water needs to review the Riverwood North Estate Residential Renewal Project in its entirety to develop a feasible servicing strategy for the future.

### **Sydney Water Servicing**

Sydney Water will further assess the impact of the development when the proponent applies for a Section 73 Certificate. This assessment will enable Sydney Water to specify any works required as a result of the development and to assess if amplification and/or changes to the system are applicable. The proponent must fund any adjustments needed to Sydney Water infrastructure as a result of any development.

The proponent should engage a Water Servicing Coordinator to get a Section 73 Certificate and manage the servicing aspects of the development. The Water Servicing Coordinator will ensure submitted infrastructure designs are sized & configured according to the Water Supply Code of Australia (Sydney Water Edition WSA 03-2002) and the Sewerage Code of Australia (Sydney Water Edition WSA 02-2002).

Sydney Water requests the Department to continue to instruct proponents to obtain a Section 73 Certificate from Sydney Water. Details are available from any Sydney Water Customer Centre on 13 20 92 or Sydney Water's website at [www.sydneywater.com.au](http://www.sydneywater.com.au).

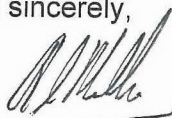
### **Sydney Water e-planning**

Sydney Water has created a new email address for planning authorities to use to submit statutory or strategic planning documents for review. This email address is [urbangrowth@sydneywater.com.au](mailto:urbangrowth@sydneywater.com.au). The use of this email will help Sydney Water provide advice on planning projects faster, in line with current planning reforms. It will also reduce the amount of printed material being produced. This email should be used for:

- Section 62 consultations under the Environmental Planning and Assessment Act 1979
- consultations where Sydney Water is an adjoining land owner to a proposed development
- Major Project applications under Part 3A of the Environmental Planning and Assessment Act 1979
- consultations and referrals required under any Environmental Planning Instrument
- draft LEPs, SEPPs or other planning controls, such as DCPs
- any proposed development or rezoning within a 400m radius of a Sydney Water Wastewater Treatment Plant
- any proposed planning reforms or other general planning or development inquiries

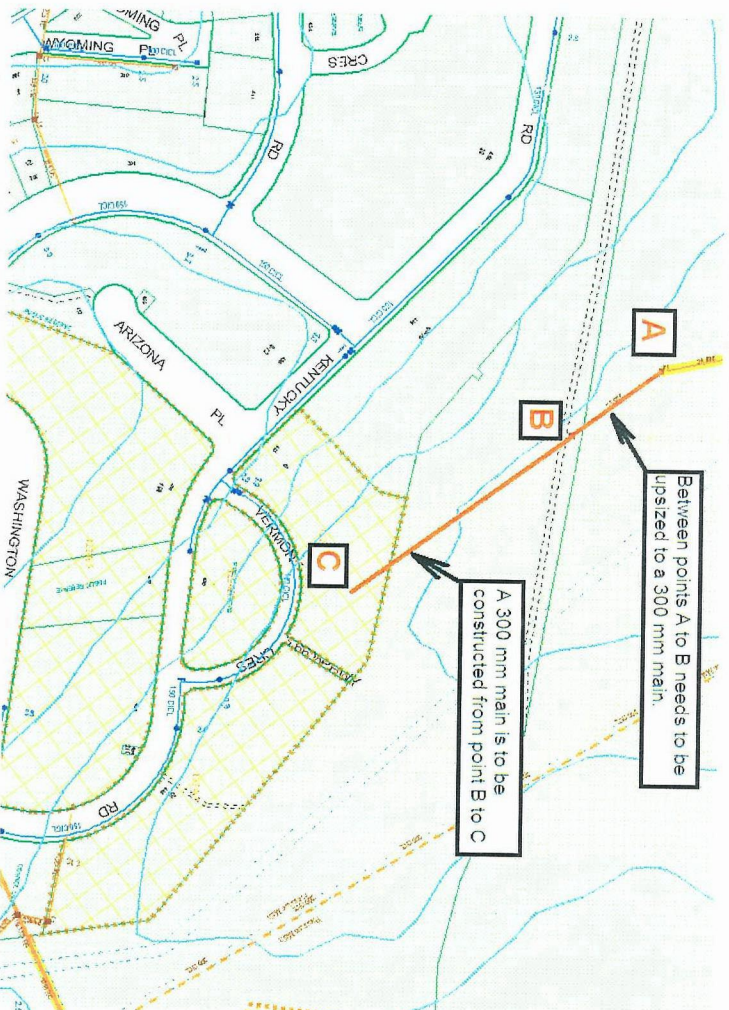
If you require any further information, please contact Sonia Jacenko of the Urban Growth Branch on 02 8849 4004 or e-mail [sonia.jacenko@sydneywater.com.au](mailto:sonia.jacenko@sydneywater.com.au).

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Adrian Miller', with a horizontal line underneath.

Adrian Miller,  
Manager of Urban Growth Strategy and Planning

**Figure 1: Wastewater Connection**



**Figure 2: Drinking Water Connection**

