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~~26~~ November 2012

Mr Sam Haddad
Director-General
Department of Planning and Infrastructure
GPO Box 39
Sydney NSW 2001

Attention: Belinda Scott

Dear Mr Haddad

Submissions Report - Modification to the Picton Regional Sewerage Scheme (1997-01-15 Mod 3) – clarification on ADWF figures

Further to the recent submission for the above project, the purpose of this letter is to clarify the difference in the Average Dry Weather Flows (ADWF) for the existing Picton system contained in the Assessment Report, compared to the Submissions Report.

The Assessment Report prepared in November 2011 states that the Picton Water Recycling Plant (WRP) receives an ADWF of 1.65 ML/ day, while the Submissions Report prepared in November 2012 states that the Picton WRP receives an ADWF of 1.4 ML/day.

The difference in the ADWF between the two reports is due to the results of detailed planning work undertaken for longer-term growth in the Picton area. This detailed planning work commenced in early 2012, after preparation of the Assessment Report, and involved significant review and analysis of the flow data in the Picton scheme. The observed Picton WRP gauge data (1.65 ML/d in the 2011 Assessment Report) was compared with simulated sewage flows from a hydraulic wastewater model (1.4 ML/d in the 2012 Submissions Report) and calibrated using in-system network sewer flow meters.

Sydney Water's Hydrometric team carried out an audit and reported low confidence in the WRP inlet gauge due to the interaction with the inlet works and higher confidence in the in-system network flow meters. Therefore an inflow based on the hydraulic wastewater model output (ADWF 1.4 ML/d) was adopted in the Submissions Report.

If you have any questions or require any further information, please contact me on 8849 5501.

Yours sincerely



Richard Schull
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Infrastructure Delivery Division