Ref: 2021820

25 July 2018

CBRE
Level 21
363 George Street
Sydney NSW 2000

Attention: Cameron McClement

RE: NEPEAN HOSPITAL REDEVELOPMENT – INTEGRATED WATER MANAGEMENT PLAN

Bonacci Group (NSW) have been engaged by Health Infrastructure NSW to provide Civil and Structural Engineering services for the above project. The Secretary’s Environmental Assessment Requirements have identified –

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<th>SEARs Requirements</th>
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<td>9. Prepare an Integrated Water Management Plan detailing any proposed alternative water supplies, proposed end uses of potable and non-potable water and water sensitive urban design</td>
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We make the following comments with regard to the elements of the Integrated Water Management Plan identified in the Secretary’s Environmental Assessment Requirements that have been designed by Bonacci:

- The site stormwater management strategy has been designed using Water Sensitive Urban Design principles. Where possible, stormwater runoff will be allowed the opportunity to infiltrate. This will be achieved by directing runoff to pervious areas, which are to be maximized.

- Water quality treatment measures are proposed to ensure that site runoff complies with Penrith City Councils water quality requirements. These treatment measures include proprietary systems such as Enviropods and Stormfilter cartridges. Vegetated swales and bio-retention may also be used to ensure that the stormwater discharge from the proposed site meets the water quality targets. MUSIC modelling has been undertaken to confirm that the water quality targets are met.

Yours Sincerely

BONACCI GROUP (NSW) PTY LTD

John Williams MIEAust NER
CPEng No. 453501 Director

Stephen Naughton BE MIEAust
Associate Director

Enc. Figure 1 Civil Drawing NHR-BON-DRW-CIV-TB1-ALL-0003001[B]
Figure 2 Civil Drawing NHR-BON-DRW-CIV-TB1-ALL-0003002[C]