

28 May 2020

Our Ref: 20009-a1  
Your Ref: DA/0221/1920

General Manager  
Goulburn Mulwaree Council  
Locked Bag 22  
GOULBURN 2580

Attention: Dialina Day

Dear Sir/Madam

**Subject: Sydney Drinking Water Catchment SEPP  
DA No DA/0221/1920; Lot 265 DP 750050; 100 Sinclair Street, Goulburn**

I refer to Council's letter received 4 February 2020 requesting the concurrence of Water NSW under Clause 11 of *State Environmental Planning Policy (Sydney Drinking Water Catchment) 2011* (the SEPP) for a proposal for a reuse and recycling infrastructure at the Goulburn Waste Management Centre.

The subject property, which has been inspected by Water NSW, is located within the Warragamba catchment which forms part of Sydney's water supply.

Water NSW considered the following documents in its assessment of the application:

- a Statement of Environmental Effects (dated 10 January 2020) and Site plans (various dates) prepared by Cardno (NSW/ACT) Pty Ltd
- further information (dated 10 February 2020)
- further information (dated 24 February 2020), and
- further information (dated 1 May 2020) including a revised MUSIC stormwater quality modelling prepared by Cardno (NSW/ACT) Pty Ltd.

Based on the site inspection and the information provided, Water NSW is satisfied that the proposed development can achieve a neutral or beneficial effect on water quality provided appropriate conditions are included in any development consent and are subsequently implemented.

Water NSW concurs with Council granting consent to the application subject to the following conditions.

If, after receipt of this letter, revisions are made to any of the DA plans, Council does not need to refer the plans to Water NSW if the revisions will have no impact on water quality. Council is requested to amend the relevant Water NSW condition/s to reference the revised plans, and notify the assessing officer by email.

**General**

1. The site layout, staging and works generally shall be as specified in the Statement of Environmental Effects (Version 05-00, dated 10/1/2020) and shown on the Site Layout Plans (Dwg. Nos. 8201825301-DRG-CI-2201, 8201825301-DRG-CI-2202 and 8201825301-DRG-CI-2203, all Revision A and dated 20/12/2019) all prepared by Cardno (NSW/ACT) Pty Ltd. No revised site layout, staging or external works that will have any impact on water quality shall be permitted without the agreement of Water NSW.

*Reason for Condition 1 - Water NSW has based its assessment under the State Environmental Planning Policy (Sydney Drinking Water Catchment) 2011 on this version of the development.*

### **Stormwater Management**

2. All stormwater treatment and management measures for the development generally shall be implemented as specified in Section 7.2 of the Statement of Environmental Effects (Version 05-00 dated 10/1/2020) and shown on the following plans all prepared by Cardno (NSW/ACT) Pty Ltd:
  - the Site Stormwater Layout Plans Sheets 1 to 3 (Drawing Numbers 8201825301-DRG-CI-2302, 8201825301-DRG-CI-2303 and 8201825301-DRG-CI-2304, all Revision A and dated 20/12/2019)
  - the Site Bund Long Section Plan (Drawing Number 8201825301-DRG-CI-2305, Revision A; dated 20/12/2019), and
  - the Site Stormwater Typical Sections and Details Plan (Drawing Number 8201825301-DRG-CI-2309, Revision A; dated 20/12/2019).
3. The proposed raingarden for the Reuse Hub shall also:
  - be designed consistent with Adoption Guidelines for Stormwater Biofiltration Systems Version 2 (Payne *et al*, 2015, Melbourne, CRC for Water Sensitive Cities)
  - incorporate the following:
    - no saturated zone
    - a filter media consisting of a clean sandy loam with a certified median particle diameter of 0.5 mm, a maximum orthophosphate concentration of 40 mg/kg and a maximum total nitrogen concentration of 400 mg/kg.
  - be planted with appropriate deep-rooted, moisture-tolerant vegetation protected by rock mulch (grass and turf is not appropriate vegetation and organic mulch is not suitable)
  - be constructed after all hardstand areas have been paved or sealed and all ground surfaces have been stabilised
  - be permanently protected from heavy vehicle damage by guardrails, castellated kerb, bollards, or similar structures, with a sign to be erected to advise of its nature and purpose in water quality management, and
  - be protected by sediment and erosion control measures during any construction and post-construction phase until the ground surface is re-vegetated or stabilised.
4. Rainwater collection and reuse systems for the Reuse Hub building and Community Recycling Centre Area roofs shall be installed that:
  - includes rainwater tanks with a minimum total capacity of 5,000 litres above any volume required for mains top-up
  - ensures roofs and gutters designed to maximise the capture of rainwater in the tanks
  - ensures that the tanks are plumbed to toilets, industrial water needs, and other areas for non-potable use including use landscape watering, and
  - ensures that all rainwater tank overflow is directed to the raingarden on the site.
5. The swales and bunds servicing the Community Recycling Centre Resource and Recovery Shed Area shall be constructed in the first stage of the development.
6. No variation to stormwater treatment or management that will have any impact on water quality shall be permitted without prior agreement of Water NSW.

7. A suitably qualified stormwater consultant or engineer shall certify in writing to Water NSW and Council prior to the issuance of an Occupation Certificate that all stormwater management structures have been installed as per these conditions of consent and are in a functional state.

### **Leachate Management**

8. All leachate treatment and management measures for the development shall be implemented as specified in Section 7.2.3 of the Statement of Environmental Effects (Version 05-00 dated 10/1/2020) and shown on the following plans all prepared by Cardno (NSW/ACT) Pty Ltd:
- the Site Proposed Services Layout Plan Sheets 1 and 2 (Drawing numbers: 8201825301-DRG-CI-2401 and 8201825301-DRG-CI-2402, both Revision A and dated 20/12/2019), and
  - the Site Proposed Leachate Long Section Plan (Drawing number 8201825301-DRG-CI-2411, Revision A; dated 20/12/2019).

### **Operational Environmental Management Plan**

9. An Operational Environmental Management Plan for the Reuse Hub shall be prepared in consultation with Water NSW by a person with knowledge and experience in the preparation of such plans prior to the issuance of an Occupation Certificate. The Plan shall:
- include measures for spills management and containment
  - include details on the location, description and nature of stormwater management structures such as pits, pipes, inlet filters, gross pollutant traps, raingarden, and rainwater collection system
  - outline the responsibilities and detailed requirements for the inspection, monitoring and maintenance of all stormwater management structures, including the frequency of such activities
  - identify the individuals or positions responsible for inspection and maintenance activities including a reporting protocol and hierarchy, and
  - include checklists for recording inspections and maintenance activities.
10. All stormwater treatment devices shall be monitored, maintained and managed as per the Operational Environmental Management Plan.

*Reason for Conditions 2 to 10 – To ensure appropriate leachate and stormwater treatment and quality control measures are designed, implemented and maintained to achieve a sustainable neutral or beneficial impact on water quality, particularly during wet weather, over the longer term.*

### **Construction Activities**

11. The Soil and Water Management Layout Plans (8201825301-DRG-CI-2601 and 8201825301-DRG-CI-2602, both Revision A and dated 20/12/2019) prepared by Cardno (NSW/ACT) Pty Ltd shall be implemented, and no works shall commence until effective erosion and sediment controls have been installed. The controls shall be regularly inspected, maintained and retained until works have been completed and ground surface stabilised or groundcover re-established.

*Reason for Condition 11 - To manage adverse environmental and water quality impacts during the construction phase of the development and to minimise the risk of erosion, sedimentation and pollution within or from the site during this construction phase.*

Under Clause 11 of the SEPP, Council must provide Water NSW with a copy of its determination of the application within 10 days of the determination.

If you wish to discuss this matter, further please contact James Caddey on 4824 3401 or email at [environmental.assessments@waterNSW.com.au](mailto:environmental.assessments@waterNSW.com.au).

Yours sincerely

A handwritten signature in black ink that reads "Girja Sharma". The signature is fluid and cursive, with a long horizontal stroke extending from the end of the name.

**GIRJA SHARMA**  
**Catchment Assessments Manager**