

24 January 2020

Contact: *Miles Ellis*  
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Our ref: *D2020/5196*

Shaun Williams  
Planning Officer  
Industry Assessments | Department of Planning, Industry and Environment  
GPO Box 39  
SYDNEY NSW 2001

Dear Mr Williams

### **Water NSW response to Request for SEARs – New Berrima Brick Factory (SSD 10422)**

WaterNSW appreciates the opportunity to provide input into the Secretary's Environmental Assessment Requirements (SEARs) into the proposed brick factory (SSD 10422).

WaterNSW has reviewed the Request for SEARs document prepared by Willow Tree Planning (dated 9 January 2020) as well as the Draft Location, Site and Floor Layout Plans prepared by SBA Architects (dated 31 October 2019).

As the development is located within the Sydney Drinking Water Catchment, clauses 9(1) and (2) and 10(1) of the *State Environmental Planning Policy (Sydney Drinking Water Catchment) 2011* apply. The EIS must specifically address each of these clauses, in particular a clear explanation as to how the development would achieve a neutral or beneficial effect on water quality.

The full description of the development and existing environment should also include those aspects which may have potential impacts on the quality and quantity of surface water and groundwater. This includes:

- the plant design and layout, including temporary works and any construction staging
- the raw materials conveyor belt layout from the quarry to the factory
- clarification of the method of transport of raw materials from the quarry to the factory
- the proposed gully diversion and drainage channel
- details of riparian restoration works and implementation
- the location, detailed design and operational management of any water quality management measures and structures
- a description and location of all on-site water sources, including but not limited to dust suppression
- a description and location of construction site amenities including any temporary on-site wastewater management systems, and
- the location and description of all proposed water monitoring locations/points (surface and ground waters).

The EIS should include the following documents and plans to enable a complete and accurate assessment of potential water quality impacts:

- Concept Stormwater Management Plan including location and details of any stormwater management structures

- Stormwater Quality Modelling (in MUSIC) demonstrating at least a 10% reduction in stormwater pollutants total suspended solids (TSS), total phosphorus (TP) and total nitrogen (TN) in post development compared to pre-development
- Concept Soil and Water Management Plan(s) including detailed design, staging operation and maintenance of any clean and dirty water conveyance or treatment structures
- Concept Riparian Vegetation Management Plan including details of implementation and staging, and
- Conceptual Operational Environmental Management Plan for any water quality control structures.

WaterNSW requests that it be listed as a stakeholder in further consultation on this project and looks forward to reviewing the forthcoming Environmental Impact Statement.

If you wish to discuss this letter or the project more generally, please do not hesitate to contact Miles Ellis on 9865 2502 or email at [environmental.assessments@waternsw.com.au](mailto:environmental.assessments@waternsw.com.au).

Yours sincerely



**CLAY PRESHAW**  
**Manager Catchment Protection**