

Ref: D2016/62046

Margaret Kirton  
Senior Planner  
Resources Assessments  
Department of Planning & Environment  
GPO Box 39  
SYDNEY NSW 2001

Dear Ms Kirton

### **Gunlake Quarry Extension Project (SSD 7090)**

I refer to your email received 1 June 2015 seeking WaterNSW's comment on the Environmental Impact Statement (EIS) and recommended conditions for the expansion of Gunlake quarry. WaterNSW appreciates the opportunity and offers the following comments and recommended conditions of approval for consideration.

The subject land is located in the Warragamba catchment which forms part of Sydney's water supply. Chapmans Creek tributaries run through the proposed development site merging into the Chapmans Creek which runs along the north-western site boundary. Chapmans Creek flows into the Wollondilly River approximately eight kilometres from the quarry site. The proximity of the proposed development to Chapmans Creek and its tributaries is of concern to WaterNSW.

The EIS lacks in details. There are no detailed plans of the proposed quarry expansion area showing the location of proposed infrastructure, for example roads and creek crossings, with respect to watercourses and existing soil conservation works. The location of existing soil conservation works on the site is not shown on the plans. The indicative proposed project layout appears to be inconsistent with what can be seen on aerial photography. The existing soil conservation works within the proposed emplacement area and the highly eroded gully west of the proposed infrastructure area and pit top foot print may be impacted by the proposed quarry expansion. Given the EIS proposes the existing Water Management Plan to be updated, WaterNSW considers any water quality management issues can be dealt with when the Water Management Plan is updated.

The Gunlake quarry expansion proposal will need to demonstrate that the proposed management measures to capture and treat water impacted by the proposal will have a neutral or beneficial effect on water quality leaving site boundaries. To achieve this, WaterNSW recommends the following conditions be included in the approval:

- Water NSW be included in the consultation for updating the Water Management Plan for the site, which should include
  - the site water balance
  - surface water management plans
  - soil and water management plans, and
  - the surface and groundwater monitoring programs

- WaterNSW be included in the Pollution Incident Response Plan
- The existing on-site wastewater management system including effluent disposal area shall be upgraded to ensure there is adequate capacity for increased wastewater loads generated by the proposed quarry extension.

WaterNSW appreciates being involved in further assessment of the quarry extension proposal including commenting on draft conditions of approval.

If you wish to discuss this matter further please contact Jim Caddey on 4824 3401



**FIONA SMITH**

**Executive Manager, Water Quality, Catchment Protection and People & Culture**

26.5.16