

CALGA QUARRY – CURRENT SITE OPERATIONS

May 2019

Compliance

- Conducted annual environmental monitoring (Cumberland Ecology) report available for access on the business website.
- Conducted quarterly compliance noise monitoring – no exceedances to report, details to be available on the business website in the coming days.
- Conducted monthly weed management control (annual report complete) – reports available on business website.
- Dust monitoring – no exceedances to report, all monitoring data available on business website.
- Ground / surface waters – monitoring conducted, details available on business website.
- Recent groundwater census identifying private bores CP13 - White property, CP14 King property & CP15 Glenworth Valley property as being within 500m of the quarry perimeter. Two of the three land owners have granted access to these bores which have now been included in the bi-monthly groundwater monitoring program – monitoring results available. (P.Dundon to perform hydraulic yield testing of CP15 in the coming months) The King residence have declined access to their private bore for monitoring purposes. Letter dated 20/02/2019.
- Complaints register – 1 complaint during April reporting period, Motorcycle activity on quarry southern extension land – refer to Calga Quarry complaints register for action detail.

Business website, Hanson Australia - www.hanson.com.au

Extraction / Processing / Dispatch

- Stage 3/5 - current extraction location with usual dozer, load & haul operations.
- Stage 3/3&4 - current fines recovery & storage location.
- Stage 3/6 - future & final extraction location for stage 3 operations. Currently used for overburden storage with progressive transfer to rehabilitation sites 3/1 & 3/2.





Environmental Management

- Rehabilitation work currently underway at Stage 3/1 & 3/2, revegetation work to commence in June 2019 – weather dependent.
- Monthly weed control as per maintenance schedule throughout the operation. Quarry southern extension now included in the program for weed “hot spot” maintenance.
- Routine trail maintenance (Active Tree Service) on quarry southern extension.
- Maintenance of recent plantings to northern boundary directly above Stage 3/5 & below weighbridge – ongoing tree guard removal.
- Contact with Rural Fire Service (RFS) in relation to hazard reduction burn of quarry southern extension land - immediate to Australian Walkabout Wildlife Park.
- Sealed road maintenance in the coming months – dust control.





Revegetation work above stage 3/5

Gantt Chart – Revegetation works

Disclaimer – The below chart is based on estimated timing only and subject to change in regards to seasonal and weather fluctuations and plant availability.

| Estimated timing of Revegetation Works | Oct-18 | Nov-18 | Dec-18 | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Seed Collection and Propagation | | | | | | | | | | |
| Seed Collection from surrounding vegetation communities | | | | | | | | | | |
| Propagation at Toolijooas large scale nursery | | | | | | | | | | |
| Planting preparation | | | | | | | | | | |
| Weed control prior to planting (if required) | | | | | | | | | | |
| Revegetation | | | | | | | | | | |
| Plant installation secured with guards. | | | | | | | | | | |
| Reporting | | | | | | | | | | |
| Report of all works, including maps and photos | | | | | | | | | | |

Safety Week 2019 – Community open day invitation, Wednesday 22nd May 3pm – 5pm.
Interest / confirmation can be made via site office – (02) 43751151