



05 October 2017

Leah Cook
Team Leader - Compliance
Department of Planning & Environment
PO Box 3145
Singleton NSW 2330

Attention: Stewart Mclachlan

Dear Stewart

Independent Environmental Audit

Please find attached the Independent Environmental Audit (IEA) for Slys Quarry, as per Condition 11, Schedule 5 of SSD 6624 and your letter dated 03 July 2017.

The response to the recommendations in the IEA are presented in Table 1.

If you have any questions or require any further information in regards to these responses, please contact the undersigned or Mark Newman – Newman Quarrying on 0427 822 667.

Sincerely
GHD Pty Ltd.

A handwritten signature in blue ink that reads 'Ben'.

Ben Luffman

Senior Environmental Consultant
02 6650 5613

Attachment: Table 1: Response to recommendations



Table 1 Response to recommendations

Condition	Recommendation	Response
SSD 6624, Schedule 3, Condition 15	Air Quality Monitoring is to be undertaken in accordance with AQMP and EPL 11649 requirements and report provided as per DA consent SSD 6624 and EPL 11649 condition	There was a delay to the installation of the dust monitoring equipment due to obtaining a reasonable price for and the availability of the equipment. The monitoring equipment was installed on 10 August 2017 and the results will be reported in the next Annual Review and on the Newman Quarrying website, when available.
SSD 6624, Schedule 3, Condition 21	A spill safe system is used to capture spillage when dispensing waste oil to the underground tank. The system should include bollards to protect it from vehicle damage.	Newman Quarrying will install a spill safe system on the waste oil underground tank by the end of 2017.
SSD 6624, Schedule 3, Condition 21	A leak detection system is to be implemented to manage the structural integrity of the underground waste oil tank	This issue was also raised during a recent EPA inspection. EPA have agreed to Newman Quarrying test pitting around the perimeter of the tank every 12 months to detect leaks.
SSD 6624, Schedule 3, Condition 25	The intersection upgrade is to be completed with installation of required signage	The intersection upgrade has been completed and the signs were installed on 18 September 2017.
SSD 6624, Schedule 3, Condition 21	Groundwater bore construction details and the results of monitoring reported as per DA consent SSD 6624 and EPL 11649 conditions	The three groundwater wells required in the SWMP were installed on 02 August 2017, generally in accordance with the <i>Minimum Construction Requirements for Water Bores in Australia</i> (NUDLIC, 2011). The wells have since been developed, purged, water level loggers installed and the first round of monitoring completed. The results will be reported in the next Annual Review and on the Newman Quarrying website, when available.
SSD 6624, Schedule 3, Condition 21	A designated, impervious bunded facility should be provided for cleaning and/or maintenance of vehicles, plant or equipment that discharges to a suitably designed wastewater treatment and dispersal system	Newman Quarrying will install a designated, impervious bunded area with an oil and water separator by the end of 2017.
SSD 6624, Schedule 3, Condition 21	Staff are to be trained in the use of spill safe equipment	Newman Quarrying will train all staff in the use of spill kits by the end of 2017 and training will be included in the induction.
SSD 6624, Schedule 5, Condition 1	Site induction and ongoing training in environmental awareness and the requirements of the various environmental management plans be implemented to staff, contractors and visitors as appropriate	Newman Quarrying have requested GHD to provide environmental awareness training by the end of 2017 and will include relevant

		environmental requirements in the site induction.
SSD 6624, Schedule 3, Condition 25	It is recommended the non-compliances regarding the intersection upgrade are addressed as soon as possible. These works involve: <ul style="list-style-type: none"> Widening the batter slightly in accordance with a Council request Installing a Give Way sign at the exit from the site and installing truck warning signs on Tullymorgan-Jackybulbin Road in accordance with the design drawing in Appendix B of the TMP. 	The intersection upgrade has been completed and the signs were installed on 18 September 2017.
SSD 6624, Schedule 3, Condition 21	It is recommended that the operator: <ul style="list-style-type: none"> commence baseline water quality monitoring as detailed in the SWMP Relocate the stored batteries to the workshop or a suitably enclosed, roofed area. 	Newman Quarrying will commence the baseline water quality monitoring at the next rainfall event (note: there has not been a >10mm rainfall event since June). The results will be reported in the next Annual Review and on the Newman Quarrying website, when available. Newman Quarrying now stores used batteries undercover.
SSD 6624, Schedule 3, Condition 11	The quarry manager maintains a record of blast initiation dates and times independent of the drill and blast contractor	Newman Quarrying will record blast details for all future blasts.
SSD 6624, Schedule 3, Condition 11	Consideration be given to adjusting the configuration of the blast monitoring equipment to permit continuous recording (histogram capability) to verify ground vibration and air overpressure results for those occasions where the blast has not generated levels exceeding the threshold values. Further lowering of the threshold levels is not however proposed.	The blasting contractor has made the adjustment to the monitoring equipment. All future blasts will be monitored as recommended with a summary of the results presented on the Newman Quarrying website and included in the next Annual Review report.
SSD 6624, Schedule 3, Condition 21	The licensee is required to install and maintain a rainfall depth measuring device in the final basin.	It is unclear what this EPL condition relates to but a marker has since been placed in the sediment basin.
SSD 6624, Schedule 3, Condition 41	Bushfire awareness induction is to be provided to new staff members, contractors, visitors and site users	Newman Quarrying will undertake emergency response training for all staff by the end of 2017, which will include bushfire response. Bushfire awareness will also be included in the induction.