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The Director of Mining & Industry Projects
Department of Planning and Environment
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Email: <u>David.Kitto@planning.nsw.gov.au</u> CC: Howard.Reed@planning.nsw.gov.au

March 4, 2015

Dear David,

Holcim Australia is the owner and operator of Cooma Road Quarry, a hard rock quarry located approximately 6 kilometres south of Queanbeyan, NSW. Cooma Road Quarry has been operating at the site since 1959. A new State Significant Development approval was issued for continued operations of the quarry in September 2013 (SSD-5019).

In accordance with Condition 9, Schedule 5 of the Cooma Road Quarry Development Consent SSD-5109 Holcim representatives engaged consultants EMGA/Mitchell McLennan (EMM) to undertake an independent site environmental audit. EMM were approved by the Department of Planning & Environment (DP&E) to undertake the audit on October 8, 2014.

EMM conducted a site inspection on the 27<sup>th</sup> November 2014. The audit period was taken to be 27 September 2013 to 27 November 2014 with a final report provided to Holcim's Planning & Environment team on the 19<sup>th</sup> February 2015.

The audit report listed a total of 36 recommendations identified by the audit team. All recommendations have been actioned to relevant staff and logged in Holcim's internal reporting tool (INX).

In accordance with Condition 10, Schedule 5 of the Cooma Road Quarry Development Consent SSD-5109 this document intends to provide a response to each of the recommendations outlined in the EMM audit report and provide an update on the status of each condition identified as one of the following:

- Non-compliant.
- Administrative Non-compliance.
- Not Verified.

## **Response to Recommendations**

Based on the non-compliance summary table provided by EMM Holcim has provided a response to each recommendation outlined in the independent audit report. It is noted that from the original 36 recommendations Holcim has already closed out 18 of these recommendations.

All recommendations identified by EMM in the independent audit report as well as Holcim's response and proposed actions to each recommendation are discussed in detail in Table 1.

**TABLE 1: EMM Independent Audit Findings & Recommendations** Condition **Holcim Action** Schedule Status Recommendations Prior to the commissioning of the Ellerton Drive Not Verified Recommendation 1: DC\_SSD\_5109, With regards to Recommendation 1 Holcim will undertake the Extension, the Applicant shall not exceed 50 Schedule 2, following actions to ensure compliance with this condition: heavy vehicle movements a day on the section A mechanism is instigated to of Cooma Street north of Edwin Land Parkway. allow verification that heavy Condition 10 vehicle movements on specific 1. Holcim utilises a GPS tracking program for all concrete agitators roads do not exceed limits in the Australian concrete business. The Cooma Rd transport (e.g. independent survey/verification of truck use management team is investigating the potential to install this of local roads prior to the next program into company trucks to track deliveries in real time. audit). 2. All transport staff and company drivers have been briefed on this requirement and are aware of this condition. By 31 December 2013, the Applicant shall: Administrative DC\_SSD\_5109, Recommendation 2: With regards to Recommendation 2 Holcim will undertake the Non-compliance Schedule 2. following actions to ensure compliance with this condition: (a) Engage a registered surveyor to mark out the boundaries of the approved Condition 23 Submit survey plan to the limits of extraction within the Secretary (Director-General). 1. Holcim will submit a copy of the latest survey plan will approved development area; and limits of extraction and boundaries to the Director General. (b) Submit a survey plan of these boundaries with applicable GPS coordinates to the Director- General. Recommendation 3: The Applicant shall keep accurate records of: Administrative DC SSD 5109. With regards to Recommendation 3 Holcim will undertake the Non-compliance Schedule 3, following actions to ensure compliance with this condition: (a) The amount of quarry products Holcim applies to DP&E to transported from the site (monthly and remove the requirement to Condition 1 annually) and publish these records on publish monthly production 1. Update the website quarterly with the relevant information its website on a quarterly basis; and data on the Holcim website requested in Schedule 3, Condition 1 (a) & (b). (b) The quantity, destination and source of from Development Consent, all laden truck movements to and from Schedule 3, Condition 1(a). 2. The Cooma Rd management team with the support of the NSW the site (hourly, daily, weekly, monthly P+E team will review if an application is required to amend this and annually). condition.

Schedule	Condition	Status	Recommendations	Holcim Action
			Recommendation 4:  Holcim applies to DP&E to remove "source" from Development Consent, Schedule 3, Condition 1(b).	With regards to Recommendation 3 Holcim will undertake the following actions to ensure compliance with this condition:  1. The Cooma Rd management team with the support of the NSW P+E team will review if an application is required to amend this condition.
DC_SSD_5109, Schedule 3, Condition 4	The Applicant shall ensure that the noise generated by the development does not exceed the criteria in Table 1 at any residence on privately-owned land Table 1: Noise criteria dB(A) [see Appendix B for table]  Notes:  To locate the receivers referred to in Table 1 refer to Appendix 5.  After the first review on any EPL granted for this development under Section 78 of the POEO Act, nothing in this approval prevents the EPA from imposing stricter noise limits on the quarrying operations on site under the EPL. Appendix 9 sets out the metrological conditions under which these criteria apply and the requirements for evaluating compliance with these criteria.  However, these criteria do not apply if the Applicant has a written agreement with the relevant landowner/s to generate higher noise levels, and the Applicant has advised the Department in writing o the terms of this agreement.	Non-compliant	Recommendation 5:  Attended noise monitoring is undertaken quarterly to meet the requirements of Appendix 9, Condition 3.	<ol> <li>With regards to noise monitoring requirements, Holcim will undertake the following actions to ensure compliance:</li> <li>Holcim will engage a noise consultant to undertake monitoring immediately for the 1<sup>st</sup> quarter 2015.</li> <li>Monitoring shall continue to be undertaken quarterly in accordance with this condition.</li> </ol>

TABLE 1: EMM I	TABLE 1: EMM Independent Audit Findings & Recommendations				
Schedule	Condition	Status	Recommendations	Holcim Action	
DC_SSD_5109, Schedule 3, Condition 10	The Applicant shall:  (a) Not carry out blasting on site on weekends or public holidays; and (b) Only carry out blasting on site between 9 am and 3 pm Monday to Friday.	Not verified	Recommendation 6:  Actual blast dates and times are provided with published blast monitoring records.	Actual blast dates and times will be included in the fortnightly monitoring uploaded onto the Cooma Rd web page and include dates and times for each shot fired.  NOTE: Recommendation 6 has been completed.	
DC_SSD_5109, Schedule 3, Condition 6	The Applicant shall:  (a) Implement best management practice to minimise the construction, operational and traffic noise of the development;  (b) Minimise the noise impacts of the development during meteorological conditions when the noise limits in this consent do not apply;  (c) Maintain the effectiveness of any noise attenuation on equipment to ensure consistency with the benchmark sound power levels presented in the EIS; and  (d) Regularly assess the results of noise monitoring to ensure compliance with the relevant conditions of this consent, to the satisfaction of the Director General.	Non-compliant	See Recommendation 27.	<ol> <li>With regards to noise monitoring requirements, Holcim will undertake the following actions to ensure compliance:         <ol> <li>Holcim will engage a noise consultant to undertake monitoring immediately for the 1<sup>st</sup> quarter 2015.</li> </ol> </li> <li>Monitoring shall continue to be undertaken quarterly in accordance with this condition.</li> </ol>	
DC_SSD_5109, Schedule 3, Condition 11	The Applicant may carry out a maximum of 1 blast a day, unless an additional blast is required following a blast misfire.  Note: For the purposes of this condition, a blast refers to a single blast event, which may involve a number of individual blasts fired in quick	Non-compliant	Recommendation 7:  Only one blast is conducted on a given day unless there is a miss-blast.	Holcim has advised management of the requirement to undertake a maximum of one blast per day (subject to misfires).  NOTE: Recommendation 7 has been completed:	

Schedule	Condition	Status	Recommendations	Holcim Action
	succession in a discrete area of the mine.		Recommendation 8:  Holcim apply to have this condition modified if it is impractical and of little environmental benefit.	With regards to Recommendation 8, Holcim will ensure that only one shot is fired per day in accordance with this condition.  The Cooma Rd Management team and the NSW P+E team will assess if an application to modify this condition is required.
DC_SSD_5109, Schedule 3, Condition 14	The Applicant shall ensure that all reasonable and feasible avoidance and mitigation measures are employed so that particulate matter emissions generated by the development do not exceed the criteria in  Tables 4 to 6 at any residence on privately owned land.  Table 4: Long-Term Impact Assessment Criteria for Particulate Matter  Table 5: Short Term Impact Assessment Criteria for Particulate Matter  Table 6: Long-Term Impact Assessment Criteria for Deposited Dust	Not verified	Recommendation 9:  That the ongoing dust deposition levels at DG1 are investigated and appropriate actions implemented.  Recommendation 10:  The Annual Review report makes it clear at which sites the dust deposition criteria apply.	With regards to Recommendation 9the Cooma Rd management and NSW P+E team are currently investigating the dust deposition monitoring program at Cooma Rd Quarry.  The findings of this review will be included in the Annual Review and submitted to the Dept. Planning & Environment.  With regards to Recommendation 10 Cooma Rd management and the NSW P+E team are currently investigating the dust deposition monitoring program at Cooma Rd Quarry.  The findings of this review will be included in the Annual Review and submitted to the Dept. Planning & Environment.

TABLE 1: EMM In	TABLE 1: EMM Independent Audit Findings & Recommendations					
Schedule	Condition	Status	Recommendations	Holcim Action		
			Recommendation 11:  A HVAS is installed as soon as possible.	Holcim will undertake the following actions to ensure that compliance is achieved:  1. Obtain quotes for the purchase and installation of a HVAS unit at Cooma Rd in accordance with the condition.  2. Notify the Dept. Planning & Environment of the installation and results of HVAS monitoring at the next Annual Review.		
DC_SSD_5109, Schedule 3, Condition 15	The Applicant shall:  (a) Implement best management practice to minimise the dust emissions of the development including minimising the area of surface disturbance and maximising progressive rehabilitation of the site;  (b) Regularly assess air quality monitoring data to ensure compliance with the relevant conditions of this consent; and  (c) Minimise the air quality impacts of the development during adverse meteorological conditions to the satisfaction of the Director-General.	Non-compliant	Recommendation 12:  The deposited dust levels investigation (see Recommendation 9 for Schedule 3, Condition 14) considers whether additional dust reduction measures are required.  Recommendation 13:  It is investigated why elevated dust deposition levels at DG1 were not recorded in INX.	Site management and the NSW P+E team are currently investigating the dust deposition monitoring program at Cooma Rd Quarry.  The findings of this review will be included in the Annual Review and submitted to the Dept. Planning & Environment.  Site management and the NSW P+E team are currently investigating the dust deposition monitoring program at Cooma Rd Quarry.  The results at DG1 have been logged into INX and are currently under review to determine if the threshold currently identified is the correct level.		

	ndependent Audit Findings & Recommendations			
Schedule	Condition	Status	Recommendations	Holcim Action
			Recommendation 15:  If it is determined that 4 g/m2/month is not an appropriate trigger for further investigation at DG1, a new trigger value is determined.	Site management and the NSW P+E team are currently investigating the dust deposition monitoring program at Cooma Rd Quarry.  The results at DG1 have been logged into INX and are currently under review to determine if the threshold currently identified is the correct level.
DC_SSD_5109, Schedule 3, Condition 20	The Applicant shall prepare and implement a Water Management Plan for the development to the satisfaction of the Director-General.  This plan must be prepared in consultation with the EPA and NOW by suitably qualified and experienced person/s whose appointment has been approved by the Director-General, and be submitted to the Director-General for approval within 6 months of the date of this consent. This plan must include: [see Appendix B].	Compliant	Recommendation 17:  DP&E is contacted regarding finalistion of the Water Management Plan.	With regards to the finalisation of the Water Management Plan, Holcim will undertake the following actions to ensure compliance with this condition:  1. Holcim has submitted a cover letter to address the matters raised by the Dept. NOW.  2. Holcim Planning & Environment Coordinator has made contact with officer from Dept. NOW and is awaiting response
DC_SSD_5109, Schedule 3, Condition 24	The Applicant shall prepare and implement a Rehabilitation Management Plan for the development to the satisfaction of the Director-General. This plan must:  (a) Be prepared in consultation with DRE, DPI, NOW and Council.	Compliant	Recommendation 18:  While DRE and DPI are both part of Department of Trade and Industry, it is recommended that Holcim confirm that DRE has received the draft Rehabilitation Management Plan.	Recommendation 18 has been completed.  DRE has received a copy of the draft Rehabilitation Management Plan.

Schedule	Condition	Status	Recommendations	Holcim Action
DC_SSD_5109, Schedule 3, Condition 17	Within 12 months of the date of this consent, the Applicant shall establish a vegetation screen to minimise visibility of site infrastructure from outside the development area.  Following establishment, the Applicant shall maintain the vegetation screen, to the satisfaction of the Director-General.	Administrative Non-compliance	Recommendation 19:  The vegetation screen should be established as soon as possible.	No development has occurred in the infrastructure area or the pit however Holcim is committed in 2015 to undertaking the planting of a vegetation screen in accordance with this condition.
DC_SSD_5109, Schedule 3, Condition 31	The Applicant shall:  (a) Minimise the waste generated by the development; and (b) Ensure that the waste generated by the development is appropriately stored, handled, and disposed of, to the satisfaction of the Director- General.	Non-compliant	Recommendation 20:  The historic wastes stored on site that may discharge hazardous materials to the environment are moved to an area with appropriate runoff controls or are disposed appropriately.	With regards to Recommendation 20 and the removal of historic waste items, Holcim will undertake the following actions to ensure compliance:  1. All waste items are to be removed offsite in 2015.  2. All redundant equipment located in this area will be sold off as part of the annual divestment tender and removed offsite.
DC_SSD_5109, Schedule 5, Condition 8	The Applicant shall provide regular reporting on the environmental performance of the development on its website, in accordance with the reporting arrangements in any plans or programs approved under the conditions of this consent.	Non-compliant	See Recommendation 21.	Recommendation 21 has been completed:  Holcim Australia has created a webpage for Cooma Rd that contains all of the requested information. All information is reviewed by the Cooma Rd Management team as well as the NSW Planning & Environment Coordinator that environmental performance is regularly updated.  The webpage can be visited by at the following link: <a href="http://www.holcim.com.au/cooma-road">http://www.holcim.com.au/cooma-road</a>

TABLE 1: EMM II	TABLE 1: EMM Independent Audit Findings & Recommendations				
Schedule	Condition	Status	Recommendations	Holcim Action	
DC_SSD_5109, Schedule 5, Condition 11	<ul> <li>The Applicant shall: <ul> <li>(a) make the following information publicly available on its website:</li> <li>The EIS;</li> <li>Current statutory approvals for the development;</li> <li>Approved strategies, plans or programs;</li> <li>A summary of the monitoring results of the development, which have been reported in accordance with the various plans and programs approved under the conditions of this consent;</li> <li>A complaints register, updated on a quarterly basis;</li> <li>Minutes of CCC meetings;</li> <li>Copies of any annual reviews (over the last 5 years);</li> <li>Any independent environmental audit, and the Applicant's response to the Recommendations in any audit; and</li> <li>Any other matter required by the Director-General; and</li> </ul> </li> <li>(b) Keep this information up-to-date, to the satisfaction of the Director-General.</li> </ul>	Non-compliant	Recommendation 21:  The documents and information listed in DC_SSD_5109, Schedule 5, Condition 11 are provided on the Holcim website.	Recommendation 21 has been completed:  Holcim Australia has created a webpage for Cooma Rd that contains all of the requested information. All information is reviewed by the Cooma Rd Management team as well as the NSW Planning & Environment Coordinator to ensure that all information is kept up to date in accordance with this condition.  The webpage can be visited by at the following link: <a href="http://www.holcim.com.au/cooma-road">http://www.holcim.com.au/cooma-road</a>	
DC_SSD_5109, Appendix 8, Commitment 5	All Holcim Australia employees and contractors accessing Cooma Road Quarry will be made aware of the presence of archaeological sites Cooma Quarry 1 and Cooma Quarry 2, and the need to avoid impacts on these sites.	Administrative Non-compliance	Recommendation 22:  The location of archaeological sites are included in the site induction form and a map is prepared for use in inductions that shows all sensitive environmental features that are to be avoided within the quarry site.	Recommendation 22 has been completed:  The location of known archaeological sites (European and Indigenous) has been included in the site specific induction.  The locations of these sites are communicated to all visitors, contractors and new employees) and referenced on a site map.	

TABLE 1: EMM In	TABLE 1: EMM Independent Audit Findings & Recommendations				
Schedule	Condition	Status	Recommendations	Holcim Action	
DC_SSD_5109, Appendix 8, Commitment 11	Holcim Australia will inspect the physical condition of the Moses Morley's Lime Kiln site on a 6-monthly basis and compare the condition with the photographs contained in this report.  The results of these inspections will be reported in the site's Annual Review.	Administrative Non-compliance	Recommendation 23:  Morley's Lime Kiln inspections are reported in the Annual Review.	With regards to the Moses Morley Lime Kiln site, Holcim will undertake the following actions to ensure compliance:  1. All surveys undertaken of the Kiln site in the past 12 months will be included in the Annual Review.  2. Comments and notes from all inspections undertaken in the past 12 months will be included in the Annual Review.	
DC_SSD_5109, Appendix 8, Commitment 12	Prior to any blasting or construction activities, photographic/archival recording of the Moses Morley's Lime Kiln site will be undertaken in accordance with Heritage Branch, OEH guidelines Photographic Recording of Heritage Items Using Film or Digital Capture (2006). The photographic/archival record will be updated every five years until the cessation of quarrying activities.	Non-compliant	Recommendation 24:  Photographic/archival recording of the Moses Morley's Lime Kiln site is undertaken as soon as possible.	With regards to the Moses Morley Lime Kiln site, Holcim will undertake the following actions to ensure compliance:  1. All surveys undertaken of the Kiln site in the past 12 months will be included in the Annual Review.  2. Comments and notes from all inspections undertaken in the past 12 months will be included in the Annual Review.	
DC_SSD_5109, Appendix 8, Commitment 21	Holcim Australia will continue to operate a Community Line for the Cooma Road Quarry for the life of the Development.	Administrative Non-compliance	Recommendation 26:  The Holcim website is updated so that the appropriate telephone number for registering complaints is provided.	Recommendation 26 has been completed:  Holcim Australia has created a webpage for Cooma Rd that contains all of the requested information.  The community line has been included on the webpage. The webpage can be visited by at the following link: <a href="http://www.holcim.com.au/cooma-road">http://www.holcim.com.au/cooma-road</a>	

TABLE 1: EMM I	TABLE 1: EMM Independent Audit Findings & Recommendations				
Schedule	Condition	Status	Recommendations	Holcim Action	
DC_SSD_5109, Appendix 9, Condition 3	Unless directed otherwise by the Director-General, quarterly attended monitoring is to be used to evaluate compliance with the relevant conditions of consent.  Note: The Director-General may direct that the frequency of attended monitoring increase or decrease at any time during the life of the development.	Non-compliant	Recommendation 27:  Attended noise monitoring is undertaken quarterly to meet the requirements of Appendix 9, Condition 3.	<ul> <li>With regards to noise monitoring requirements, Holcim will undertake the following actions to ensure compliance:</li> <li>Holcim will engage a noise consultant to undertake monitoring immediately for the 1<sup>st</sup> quarter 2015.</li> <li>Monitoring shall continue to be undertaken quarterly.</li> </ul>	
EPL_1453, Condition L2.1	For each monitoring/discharge point or utilisation area specified in the table\s below (by a point number), the concentration of a pollutant discharged at that point, or applied to that area, must not exceed the concentration limits specified for that pollutant in the table.	Complaint	Recommendation 28:  Water monitoring results for SIP should provide an explicate comment that no discharge is occurring when this is the case.	Recommendation 28 has been completed:  Comments included with all water monitoring include details on the flow and discharge conditions of the monitoring point.	
EPL_1453, Condition O1.1	Licensed activities must be carried out in a competent manner. This includes:  a) The processing, handling, movement and storage of materials and substances used to carry out the activity; and b) The treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.	Non-compliant	Recommendation 29:  The drains in the workshop area are inspected and cleaned if required.	<ol> <li>With regards to Recommendation 29, Holcim will continue the following hazard &amp; housekeeping measures to ensure compliance:</li> <li>Monthly inspections of bunding and drainage lines around the workshop will continue in accordance with Holcim EMS 4.17 Storage &amp; Handling of Liquid Fuels &amp; Chemicals.</li> <li>Holcim will engage a licensed contractor to undertake cleaning of the drains and bunds in the workshop area.</li> </ol>	

TABLE 1: EMM I	TABLE 1: EMM Independent Audit Findings & Recommendations				
Schedule	Condition	Status	Recommendations	Holcim Action	
			Recommendation 30:  Areas for storing legacy items are cleaned-up to remove any items that may discharge hazardous materials to the environment.	With regards to the Recommendation on removal of legacy items, Holcim will undertake the following actions to ensure compliance:  1. All waste items are to be removed offsite in 2015.  2. All redundant equipment located in this area will be sold off as part of the annual divestment tender and removed offsite.	
EPL_1453, Condition M1.3	The following records must be kept in respect of any samples required to be collected for the purposes of this licence:  a) The date(s) on which the sample was taken; b) The time(s) at which the sample was collected; c) The point at which the sample was taken; and d) The name of the person who collected the sample.	Compliant	Recommendation 31:  Published monitoring records provide date and time of sampling and the name of the person who collected the sample.	Recommendation 31 has been completed:  Published monitoring records will include the name of the consultants conducting the sampling.	

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Schedule	Condition	Status	Recommendations	Holcim Action		
EPL_1453, Condition M2.2	The record must include details of the following: a) the date and time of the complaint; b) the method by which the complaint was made; c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect; d) the nature of the complaint; e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and f) if no action was taken by the licensee, the reasons why no action was taken	Administrative Non-compliance	Review complaints recording in INX to ensure that the method by which complaint was made and details of person making the complaint are recorded.	Recommendation 32 has been completed:  Complaints from the general public in regards to Cooma Rd are recorded electronically using the INX data base. An incident description is required to outline the following information:  Details of the complaint (including the method).  Who made the complaint (may wish to remain anonymous).  Outcomes from the complaint including corrective actions to rectify the issue.  NOTE: Cooma Rd Quarry has only received one complaint since the Holcim began use of the INX database in 2012.		
EPL_1453, Condition M3.1	The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.	Administrative Non-compliance	See Recommendation 26.	Recommendation 26 has been completed:  Holcim Australia has created a webpage for Cooma Rd that contains all of the requested information. The community line has been included on the webpage. The webpage can be visited by at the following link: <a href="http://www.holcim.com.au/cooma-road">http://www.holcim.com.au/cooma-road</a>		

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Schedule	Condition	Status	Recommendations	Holcim Action	
EPL_1453, Condition M3.2  Water License No. 40SL27690 Condition 1	The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.  A logbook must be kept and maintained at the authorised work site or on the property for each water supply work authorised by this approval, unless the work is metered and fitted with a data logger.  A logbook is a document, electronic or hard copy, that records specific required information. A metered water supply work is a water supply work fitted with a data logger and a meter that complies with Australian standard as 4747: meters for nonurban water supply.	Administrative Non-compliance  Non-compliant	Recommendation 33:  A water meter is installed for WAL 29091, or a monthly note is included in the log-book indicating that water has not been accessed under this licence.	Recommendation 26 has been completed:  Holcim Australia has created a webpage for Cooma Rd that contains all of the requested information. The community line has been included on the webpage. The webpage can be visited by at the following link:  http://www.holcim.com.au/cooma-road  Recommendation 33 has been completed:  Monthly comments are now included in the WAL29091 logbook indicating that water has not been accessed under this licence.	
Condition 2	The purpose or purposes for which water is taken, as well as details of the type of crop, area cropped, and dates of planting and harvesting, must be recorded in the logbook each time water is taken.	Administrative Non-compliance	Recommendation 34:  A logbook is established and maintained for WAL 29091.	Recommendation 34 has been completed:  A logbook has been created for WAL29091 in accordance with condition 2 and Recommendation 34 of this report.	

Schedule	Condition	Status	Recommendations	Holcim Action
Condition 3	Where a water meter is installed on a water supply work authorised by this approval, the meter reading must be recorded in the logbook before taking water. This reading must be recorded every time water is to be taken.  A water meter is a device that measures the volume of water that is extracted over a known period of time. Examples of a water meter may include a mechanical meter, electromagnetic meter, channel meter with mobile phone, or an authorised meter equivalent.	Non-compliant	See Recommendation 34.	Recommendation 34 has been completed:  A logbook has been created for WAL29091 in accordance with condition 2 and Recommendation 34 of this report.  The site has installed water metres on all plant and equipment and monitor consumption and withdrawal on a monthly basis.

Schedule	Condition	Status	Recommendations	Holcim Action
Condition 4	Before water is taken through the water supply work authorised by this approval, confirmation must be recorded in the logbook that cease to take conditions do not apply and water may be taken.  The method of confirming that water may be taken, such as visual inspection or internet search, must also be recorded in the logbook.  If water may be taken, the: a. date, and b. time of the confirmation, and c. flow rate or water level at the reference point in the water source must be recorded in the logbook. Visual inspection means to physically inspect the gauge (or reference point) and confirm flow rate or water level by eye. Internet search means to confirm the flow rate or water level at the appropriate gauge by checking the correct website.  Cease to take conditions means any condition on this approval, or on the access licence under which water is proposed to be taken, that prohibits the taking of water in a particular circumstance.	Administrative Non-compliance	Recommendation 35:  Logbooks for WAL 33412 and WAL 29091 include all required information, including date, time and licence or approval number.	Recommendation 35 has been completed:  A logbook has been created for WAL29091 and WAL33412. These logbooks are kept electronically in an excel formatted spread sheet and contains the following information:  - Date of water taken Time of the water taken Flow rate or water level at the reference point.

Schedule	Condition	Status	Recommendations	Holcim Action
Condition 5	Once the approval holder becomes aware of a breach of any condition on this approval, the approval holder must notify the minister as soon as practicable. The minister must be notified by:  a. email: <a href="mailto:information@water.nsw.gov.au">information@water.nsw.gov.au</a> , or  b. telephone: 1800 353 104. Any notification by telephone must also be confirmed in writing within seven (7) business days of the telephone call.	Administrative Non-compliance	Recommendation 36:  The water approval non-compliances described in this audit should be reported to NOW.	With regards to Recommendation 36 all non-compliances and Recommendations found in relation to WAL33412 and WAL29091 will be submitted to the Dept. NOW.
Condition 8	The following information must be recorded in the logbook for each period of time that water is taken:  a. date, volume of water, start and end time when water was taken as well as the pump capacity per unit of time, and  b. the access licence number under which the water is taken, and  c. the approval number under which the water is taken, and  d. the volume of water taken for domestic consumption and/or stock watering. a logbook is a document, electronic or hard copy, that records specific required information.	Non-compliant	See water licence conditions 2 and 4.	Recommendation 35 has been completed:  A logbook has been created for WAL29091 and WAL33412. These logbooks are kept electronically in an excel formatted spread sheet and contains the following information:  - Date, volume of water, start and end time when water was taken as well as the pump capacity per unit of time, and  - The access licence number under which the water is taken, and  - The volume of water taken for domestic consumption and/or stock watering.
Condition 10	Any water supply work authorised by this approval must take water in compliance with the conditions of the access licence under which water is being taken.	Non-compliant	See water licence conditions 2 and 4.	Recommendation 35 has been completed:  The Cooma Rd quarry management team is aware of the conditions of approval for withdrawing water in accordance with WAL29091 and WAL33412. An electronically logbook has been created for WAL29091 and WAL33412 and is updated as required.

Should you wish to contact me with regards to any of the information above, please do not hesitate to contact me on (02) 9412 6592.

Yours Sincerely,

**Daniel Lidbetter** 

Planning & Environment Coordinator - NSW/ACT