

Champions Quarry Expansion

RESPONSE TO RECOMMENDATIONS CONTAINED WITHIN THE INDEPENDENT ENVIRONMENTAL AUDIT 2015

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CORRECTIVE ACTION				
Number	Condition	Corrective Action	Response	Timeframe
CAR 1	Project Approval, Schedule 2, Condition 12	Seal the access road between CEA and SEA. Alternatively, seek a modification to the Project Approval that removes the requirement.	A s75W modification is to be lodged with the DP & E removing the requirement to seal the internal haul road between the CEA and SEA.	CQ to lodge a modification with DP & E by 19 February 2015.
CAR 2	Project Approval, Schedule 3, Condition 18	Submit a modification to address the inconsistencies with the LMP and Project Approval so that the LMP can be approved and then obtain confirmation that the construction of the bunds are to the satisfaction of DP & E.	A s75W modification is to be lodged with DP & E and then amendments are required to the Landscape Management Plan. A revised Landscape Management Plan will then be lodged with DP & E, following which CQ will seek confirmation from DP & E that the bunds listed as A-D have been vegetated to the satisfaction of DP & E.	<ul style="list-style-type: none"> • CQ to lodge a modification with DP & E by 19 February 2015. • CQ to lodge revised Landscape Management Plan with DP & E within 6 weeks of the approval of the modification. • CQ to seek confirmation from DP & E within 4 weeks of approval of the Landscape Management Plan.
CAR 3	Project Approval, Schedule 3, Condition 19	Submit a modification to address the inconsistencies with the LMP and Project Approval so that the LMP can be approved and then obtain confirmation that the vegetated screening along the access road is established to the satisfaction of DP & E.	A s75W modification is to be lodged with DP & E and then amendments are required to the Landscape Management Plan. A revised Landscape Management Plan will then be lodged with DP & E, following which CQ will seek confirmation from DP & E that the vegetated screening to the north of the main access road is established to the satisfaction of DP & E.	<ul style="list-style-type: none"> • CQ to lodge a modification with DP & E by 19 February 2015. • CQ to lodge revised Landscape Management Plan with DP & E within 6 weeks of the approval of the modification. • CQ to seek confirmation from DP & E within 4 weeks of approval of the Landscape Management Plan.
CAR 4	Project Approval, Schedule 3, Condition 35	Obtain confirmation that DP & E are satisfied with the sub-surface archaeological investigations.	<ul style="list-style-type: none"> • Confirmation sought from DP & E in September 2013 of proposed targeted sub-surface investigations. • DP & E advised that targeted sub-surface archaeological investigations should be contained within the Heritage Management Plan (email dated 24 September 2013). • The Heritage Management Plan containing the proposed targeted sub-surface investigations was approved by DP & E on 20 November 2013. 	No further action required.

			<ul style="list-style-type: none"> • Archaeological investigations were carried out on 29 November 2013. • Archaeological Report was prepared and dated 11 December 2013. • Report was submitted to DP & E on 20 December 2013. • CQ sought confirmation from DP & E on 11 November 2015. • DPE advised on 23 November 2015 that sub-surface investigations have been carried out to the satisfaction of the Secretary. 	
CAR 5	Project Approval, Schedule 3, Condition 40	Ensure conditions on the ground are consistent with the approved offset areas. Alternatively, seek a modification to the Project Approval so that the offset areas are consistent with those on the ground.	A s75W modification is to be lodged with the DP & E so that the mapped offset areas are consistent with groundtruthed areas on the ground. This will involve updating the figure in Appendix 6 of the Project Approval.	CQ to lodge a modification with DP & E by 19 February 2015.
CAR 6	Project Approval, Schedule 3, Condition 42	Finalise the conservation agreement for the offset areas or seek a further extension of the deadline from DP & E.	<ul style="list-style-type: none"> • The conservation agreement (s88E Instrument) cannot be lodged until the s75W modification is finalised/approved as the modification includes an updated figure in Appendix 6 of the Project Approval, which once approved will be included as the plan in the s88E Instrument. • CQ sought an extension from DP & E on 11 November 2015; • DP & E advised on 16 November 2015 that the matter should be addressed without further delay; • In the interests of progressing the preparation and finalisation of the s88E Instruments, CQ will in the interim liaise with DP & E to finalise the text of the RUL's and PPC's until it is finalised following the approval/outcome of the s75W modification. 	<ul style="list-style-type: none"> • CQ will prepare and submit the s88E Instrument in the form of a PPC and RUL to DP & E by the end of December 2015. • The plan attached to the PPC and RUL identifying the areas will be added to the PPC and RUL following approval of the s75W Modification by DP & E. • The aim is to finalise the PPC and RUL with the plan and lodge them with LPI as soon as possible.
CAR 7	Project Approval, Schedule 3, Condition 45	Submit a modification to address the inconsistencies with the LMP and Project Approval so the LMP can be approved.	<ul style="list-style-type: none"> • A revised Landscape Management Plan was submitted to DP & E in February 2015. DP & E requested some amendments. • The amendments require a s75W modification to be lodged. • Once the s75W modification is finalised/approved then a further amended Landscape Management Plan will be lodged with DP & E. 	<ul style="list-style-type: none"> • CQ to lodge a modification with DP & E by 19 February 2015. • CQ to lodge revised Landscape Management Plan with DP & E within 6 weeks of the approval of the modification.
CAR 8	Project Approval, Schedule 3, Condition 46	Submit a modification to address the inconsistencies with the LMP and Project Approval so the LMP can be approved and then lodge the Conservation and Rehabilitation Bond.	<ul style="list-style-type: none"> • A revised Landscape Management Plan was submitted to DP & E in February 2015. DP & E requested some amendments. • The amendments require a s75W modification to be lodged. 	<ul style="list-style-type: none"> • CQ to lodge a modification with DP & E by 19 February 2015. • CQ to lodge revised Landscape Management Plan with DP & E within 6

			<ul style="list-style-type: none"> • Once the s75W modification is finalised/approved then a further amended Landscape Management Plan will be lodged with DP & E. • Following approval the Conversation and Rehabilitation Bond can be calculated and submitted to DP & E. 	<p>weeks of the approval of the modification.</p> <ul style="list-style-type: none"> • CQ to calculate the Bond and lodge with DP & E within 4 months of the approval of the LMP.
CAR 9	Environmental Protection Licence O4.3	Install a sediment basin marker that indicates the sediment storage zone or obtain confirmation from EPA that the pipes are a suitable alternative.	<ul style="list-style-type: none"> • Confirmation sought from EPA on 16 April 2015, that the pipes are suitable sedimentation basin markers. • CQ sought confirmation from EPA on 11 November 2015. • EPA confirmed on 24 November 2015 that sedimentation basin markers are not required for preliminary sedimentation basins/traps. 	No further action required.
CAR 10	Environmental Protection Licence M7.1	Confirm with EPA that they are happy with the revised noise monitoring location.	<ul style="list-style-type: none"> • All of the receivers locations for noise assessment are within 30 metres from the receivers residence except for Receiver 1. CQ advised EPA of this by email dated 5 March 2015. • EPA advised on 10 April 2015 that they required written confirmation from the relevant receiver that they did not permit CQ to access their land for the purposes of carrying out noise monitoring. • On 22 June 2015 CQ wrote to Receiver 1 seeking their advice as to whether they consent to CQ personnel accessing their land for the purposes of carrying out noise monitoring. CQ requested a response on/before 31 July 2015, noting that if CQ had not heard a response by the 31 July 2015, CQ would deem Receiver 1 to have refused consent to access their land. • As of 1 October 2015, no response has been received from Receiver 1. • CQ sought confirmation from EPA on 11 November 2015. • EPA confirmed on 24 November 2015 that they are satisfied with the revised noise monitoring location for Receiver 1. 	No further action required.

RECOMMENDATIONS				
Number	Condition	Recommendation	Response	Timeframe
R1	Project Approval, Schedule 2, Condition 7	Survey the quarry floor on a periodic basis to demonstrate compliance.	The CEA floor level will be surveyed to establish current depth (excavated prior to 4 July 2014) AHD height markers will also be installed in the CEA. CQ will also install AHD height markers adjacent to the base of the SEA to indicate when the excavation is approaching the minimum AHD. The CEA and SEA floor level will be surveyed periodically once the level of the SEA is approaching the AHD height markers.	CQ will survey the CEA floor level and install AHD height markers in the CEA and at the base of the SEA by the end of January 2016. CQ will provide follow up surveys of extraction areas periodically.
R2	Project Approval, Schedule 2, Condition 9	Monitor and record the date, number and time of truck movements from the site to demonstrate compliance.	<ul style="list-style-type: none"> The Site Foreman monitors the hourly and daily truck movements from the site and staggers trucks throughout the day. CQ will commence recording the date and time that trucks are loaded/leave in accordance with accredited scales fitted to front end loaders. 	CQ will record the date and time that trucks are loaded/leave commencing from the beginning of December 2015 in accordance with accredited scales fitted to front end loaders.
R3	Project Approval, Schedule 2, Condition 17	Maintain plant maintenance logs and daily start checklists.	<ul style="list-style-type: none"> CQ notes that all plant and equipment is maintained and operated in a proper and efficient manner. This is also noted by the auditor. CQ will where possible, maintain plant maintenance logs and daily start checklists. 	CQ will maintain plant maintenance logs and daily start checklists commencing December 2015.
R4	Project Approval, Schedule 3, Condition 5	Undertake Noise Monitoring at receiver locations 1, 4 and 5 during suitable weather conditions to demonstrate compliance with noise criteria at nominated receivers.	CQ will repeat the noise monitoring at receivers 1, 4 and 5 and seek to do so during meteorological conditions when testing can be carried out and noise limits apply.	CQ will repeat the noise monitoring at receivers 1, 4 and 5 by the end of December 2015 (weather permitting).
R5	Environmental Protection Licence L1.2	Develop and implement a procedure to record sediment basins discharges.	<p>Sediment basins are visually inspected by the Site Foreman minimally 2-3 times per week for capacity, maintenance requirements and discharges. CQ will also implement a procedure as follows:</p> <ul style="list-style-type: none"> Minimum weekly inspections of the 40 ML Water Reuse Dam to determine capacity, assess any intentional and unintentional discharge and assess any maintenance requirements. The Water Reuse Dam is the final sedimentation basin and by itself exceeds all conceivable maximum sedimentation basin calculations. Weekly inspections will be increased to daily monitoring when Water Reuse Dam level approaches capacity, likely to discharge or is to be intentionally discharged. 	<ul style="list-style-type: none"> CQ will implement the procedure from the beginning of December 2015. CQ to lodge revised Water Management Plan by the end of December 2015.

			<ul style="list-style-type: none"> The following will be recorded in relation to the Water Reuse Dam: <ul style="list-style-type: none"> Weekly inspections (date and time); Maintenance requirements of the Water Reuse Dam or any required desilting (if any); and All discharges (intentional and unintentional). 	
R6	Environmental Protection Licence O4.4	Develop and implement a procedure to record that sediment basins are monitored and maintained appropriately.	Refer to R5.	Refer to R5.
R7	Environmental Protection Licence O4.8	Develop and implement a procedure to record that sediment basins are monitored and maintained appropriately.	Refer to R5.	Refer to R5.
R8	Transport Management Plan	Update the Drivers Code of Conduct in accordance with RMS suggestions, where relevant.	At this stage all material is transported by external contractors not employees.	
			RMS Recommendation	Response
			Safe initiatives for haulage through residential areas and/or school zones	Already incorporated into Drivers Code of Conduct.
			An induction process for vehicle operators and regular toolbox meetings	On site signage directs all drivers to collect the Drivers Code of Conduct from the site office prior to leaving the site. Employees also receive an employee induction sheet and participate in regular tool box meetings. Hence, recommendation satisfied/not relevant.
			A complaint resolution and disciplinary procedure	Complaints – Champions Quarry has a complaints telephone line (phone number published on website). Complaints can also be lodged online via the CQ website. Complaints are managed in accordance with the respective Management Plan. Disciplinary procedure – In accordance with the Drivers Code of Conduct, all hazards/incidents are to be reported to the Production Manager, Jeff Champion. Appropriate action will then be taken. It is noted, as the drivers are generally external contractors, it is not Champions Quarry’s role to discipline drivers. Hence, recommendation satisfied/not relevant.
Any community consultation measures for peak haulage periods	Recommendation satisfied/not relevant. Truck movements are already limited to 5 trucks per hour. Further, the Drivers Code of Conduct sets out requirements for truck drivers during such periods as does the Transport Management Plan.			
R9	Water Management Plan	Review the sediment basin calculations to ensure they are in accordance with Managing Urban Stormwater Soils and Construction – Volume 2e Mines and quarries (DECC, 2008) and EPL	CQ will review the sedimentation basin calculations and incorporate any required amendments in a revised Water Management Plan to be submitted to P & E.	CQ to lodge revised Water Management Plan by the end of December 2015.

R10	Water Management Plan	Develop and implement a procedure to record that sediment basins are monitored and maintained appropriately.	Refer to R5.	Refer to R5.
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