

Condition Reference No #	Summary of Audit Observation and Recommendations	MCO Response	Estimated Completion Date
PROJECT APPROVAL 05_0177			
Schedule 3 condition 31	<p>During the construction of the Moolarben Creek crossing, a storm event (19/2/2020) resulted in Moolarben Creek entering the downstream culvert construction works then flowing back into Moolarben Creek. The PIRMP was activated including notification of EPA and other agencies and provision of report.</p> <p>On 21 December 2020 a sediment water release occurred from a sediment drain associated with Sediment Dam 304 (EPL Identification Point 51) in the vicinity of the Open Cut 3 pre-strip area (this being an area where topsoil had been removed in preparation for mining operations). The PIRMP was activated including notification of EPA and other agencies and provision of report.</p>	MCO completed investigations into the cause of the incidents and implemented corrective and preventative actions	Complete
PROJECT APPROVAL 08_0135			
Schedule 3 condition 27	On 22 March 2021 a sediment water release, occurred as a result of heavy rainfall, downstream from Dam 413.	MCO completed investigations into the cause of the incidents and implemented corrective and preventative actions	Complete
ENVIRONMENTAL PROTECTION LICENCE 12932			
Condition L1.1	<p>During the construction of the Moolarben Creek crossing, a storm event (19/2/2020) resulted in Moolarben Creek entering the downstream culvert construction works then flowing back into Moolarben Creek. The PIRMP was activated including notification of EPA and other agencies and provision of report.</p> <p>On 21 December 2020 a sediment water release occurred from a sediment drain associated with Sediment Dam 304 (EPL Identification Point 51) in the vicinity of the Open Cut 3 pre-strip area (this being an area where topsoil had been removed in preparation for mining operations). The PIRMP was activated including notification of EPA and other agencies and provision of report.</p> <p>On 22 March 2021 a sediment water release, occurred as a result of heavy rainfall, downstream from Dam 413.</p>	MCO completed investigations into the cause of the incidents and implemented corrective and preventative actions	Complete
Condition M2.1	The following non-compliances were noted in the MCO Annual Returns to the EPA:	MCO varied the EPL in October 2019. No further action is required.	Complete

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	<ul style="list-style-type: none"> 2019: Failure to monitor continuously for PM10 and PM2.5 at EPA identification number 15, 17 and 27, due to equipment breakdown, power outage and scheduled maintenance. 2019: Non continuous monitoring at EPL point 50, due to equipment breakdown, power outage and scheduled maintenance. 		
Condition M2.4	<p>The following non-compliances were noted in the MCO Annual Returns to the EPA:</p> <ul style="list-style-type: none"> 2020 Licence point 1 was not sampled on 28 September 2020 for oil and grease analysis. Licence point 22 was not sampled on 11 February 2020 due to unscheduled maintenance. 	MCO have reviewed and updated the environmental sampling program.	Complete
Condition M4.2	<p>During the audit period (June 2019) there were two occasions where non-continuous monitoring occurred, however an investigation found this to be the result of equipment breakdown. In accordance with the note associated with condition M4.1 and M4.2 data capture rates do not apply under these situations.</p>	<p>MCO varied the EPL in October 2019.</p> <p>No further action is required.</p>	Complete
EPBC Approval (2017/7974)			
Part A Condition 4	<p>Area 2 (Extract) offset was secured on 25 August 2020, post the required due date. MCO advised the DAWE on 24 June 2020 that the offsets security mechanism was in the final stages of execution and requested an Extension of time to 31 August 2020 to align with the offset security timing as approved by the NSW DPIE for the same offset area.</p>	No further action is required.	Complete
Water Licence			
20BL173935 Condition 1	<p>During the audit documentation from construction of bores was viewed. This included Form A (Particulars of completed works) Examples dated 07/11/2020 (PZ227) and 14/11/2020 (PZ228). The Form A for PZ227 was submitted late (7 days).</p>	MCO will provide notifications to the DPI within the 2 months of construction of new production bores.	As required
WAL39799 Condition 09	<p>M1 was completed in 2018 but notice was not issued to Department of Primary Industries - Water until 31/01/2019</p> <p>(i) The details were submitted on a Form A (the prescribed form).</p>	MCO will provide notifications to the DPI within the 2 months of construction of new production bores.	As required

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Recommendations for Improvement			
Project Approval 05_0117 Schedule 3 condition 33 and Project Approval 08_0135 Schedule 3 condition 29	Some additional investigation be completed in order to assess the potential impact of a potential reversal in gradient: <ol style="list-style-type: none"> 1. Review potential impacts from a reversal of the gradient in this area on hydrologic and ecologic systems including at a conceptual basis prior to the commencement of LW409. 2. Trigger levels should be reviewed, and were necessary revised, based on developments in understanding of potential impacts so triggers are fit for purpose. Installation of the proposed additional monitoring bore between the Goulburn River and UG4 LW408/LW409 should proceed as planned.	MCO will review the potential impacts from a reversal of the gradient in this area on hydrologic and ecologic systems including at a conceptual basis prior to the commencement of LW409. Trigger levels will continue to be reviewed and where necessary revised, based on developments in understanding of potential impacts. MCO will install an additional monitoring bore between the Goulburn River and UG4 LW408/LW409.	Prior to the commencement of LW409 As required Prior to the commencement of LW405
Project Approval 05_0117 Schedule 3 condition 33 and Project Approval 08_0135 Schedule 3 condition 29	Groundwater levels for the paleo-channel /upper Permian groundwater system should be compiled, and trend analyses completed once sufficient data is available (typically 2 full seasonal cycles).	MCO will include groundwater levels for the paleo-channel /upper Permian groundwater system in the 2022 Annual Review.	31 March 2023