

Audit Action Plan Status from MTW IEA 2017 (Rev C)

Reference	Non Compliance / MTW Response	Action Status Update	Target Date for Completion
SSD6464 Sch. 3, C24(a) WMP 7.4.3.1	On the 6th January 2016, a sediment dam overtopped resulting in an uncontrolled discharge. Response/Action Description An internal investigation was undertaken in response to this incident. The investigation and subsequent action plan has been completed to rectify the issues at this dam and to prevent reoccurrence not only at this dam but other dams being constructed or modified. No further action is required in response to this finding.	Complete.	N/A
SSD 6464 Sch.3 C.27(b)(ii) SSD 6465 Sch.3 C.25(b)(ii)	The Surface Water Management Plan does not include detailed performance indicators of management objectives for Final Voids Response/Action Description MTW to update the WMP to include further detail on the performance objectives and management objectives for Final Voids, as indicated in the development consents and the EIS commitments.	Complete. The MTW Mining Operations Plan includes detailed plans and rehabilitation objectives for the site, including for final voids. To address this item, a link to the Mining Operations Plan was included in an update to the Water Management Plan approved by DP&E on 20 September 2018	N/A

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MT EIS 2.4.4 (iii)	No ongoing characterisation of overburden materials was conducted. Response/Action Description Extensive geochemical testing of overburden has been carried out across MTW with results showing very low risk of Acid Rock Drainage (ARD) in the overburden material being mined at MTW. The results of sampling conducted to date will be presented to DP&E to justify why ongoing characterisation of overburden materials across MTW is not required.	Complete. Presentation made to DP&E Compliance Team on 09/10/2018 to present results of overburden and interburden ARD assessments and testing conducted at MTW to illustrate why ongoing characterisation of overburden materials across MTW is not required. No further action required.	N/A
AHMP 9	There was no written or electronic record of which personnel had completed site specific environmental training for Cultural Heritage. Response/Action Description MTW to ensure that the AHMP and the MTW induction will cover all specific Cultural Heritage awareness requirements and that suitable training records are maintained	Complete. MTW induction has been updated and now covers all specific Cultural Heritage awareness requirements as prescribed by the AHMP. Training records are maintained by H&S Department.	N/A
BMP 5.2.3	On the 8-06-16 a blast was not monitored by the Bulga Village blast monitor due to a software malfunction. Response/Action Description An internal investigation identified the cause of the data loss to be isolated to a GPS fault on a single blast monitoring unit. This fault has since been corrected and no further action is required in response to this finding.	Complete.	N/A

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BMP 5.2.2	Blasting Controls Training was not documented Response/Action Description MTW to review process for documenting training records for training required by BMP to ensure that suitable training records are maintained.	In Progress. Action item is included on MTW's action tracking system.	30/04/2020
NMP 6.2	There was no substantive evidence of car-pooling encouragement programs at the time of the audit. Response/Action Description Car-pooling occurs however MTW do not run programs to specifically encourage car-pooling nor is it deemed to be necessary to do so. The Noise Management Plan will be revised to reflect this.	Complete.	N/A

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20BL170012 C.9 20BL170011 C.9 20BL171930 C.8 20BL171932 C.8	Water flow devices used to measure the volume of water extracted were not approved by NOW (DPI – Water). Three bore licences were found to be non-compliant with this condition; however two were decommissioned and are not in use and one related to the bore licence associated with groundwater inflow to the Warkworth Pit. Response/Action Description Following commencement of the North Coast Fractured and Porous Rock Groundwater Sources Water Sharing Plan on 1/7/2016, Licences 20BL170011 and 20BL170012 have been converted to Water Access Licences (WALs 40464 and 40465 respectively). Revised licence conditions issued by DPI Water are to be reviewed; to reflect that groundwater inflows to a pit excavation cannot be measured using a flow meter. Licences 20BL171930 and 20BL171932 are related to a historical methane extraction project; the bores are not in use. An investigation will be undertaken to determine if the bores should be formally abandoned and the licences relinquished, or if used for monitoring, an application sought to modify the licence purpose and conditions to reflect no water is to be abstracted.	Complete. At this point in time there are no mandatory or discretionary conditions on the works approval 20MW065009 for licenses WAL 40464 or WAL 40465 as advised by the Natural Resource Access Regulator (NRAR) during phone conversation 23/9/2018. NRAR has advised the only WAL with license conditions at this time is WAL 18233.	N/A

Reference	Non Compliance / MTW Response	Action Status Update	Target Date for Completion
20BL170011 C.8 and C.10 20BL170012 C.8 and C.10	Water flow devices used to measure the volume of water extracted were not calibrated. This related to the aforementioned bore licences that did not have flow devices attached and as such are not able to be calibrated. Response/Action Description Following commencement of the North Coast Fractured and Porous Rock Groundwater Sources Water Sharing Plan on 1/7/2016, Licences 20BL170011 and 20BL170012 have been converted to Water Access Licences (WALs 40464 and 40465 respectively). Revised licence conditions issued by DPI Water are to be reviewed; to reflect that groundwater inflows to a pit excavation cannot be measured using a flow meter.	Complete. At this point in time there are no mandatory or discretionary conditions on the works approval 20MW065009 for licenses WAL 40464 or WAL 40465 as advised by the Natural Resource Access Regulator (NRAR) during phone conversation 23/9/2018. NRAR has advised the only WAL with license conditions at this time is WAL 18233.	N/A
Recommendations			
1.	Complete the Salvage report for salvage work conducted in 2016. Response/Action Description A final report will be compiled to bring together the results and completed compliance actions relating to the MTW 2016 ACH salvage	Complete. 2016 Compliance and Salvage Report (19 CH sites within the Stage 1 AHMP area) updated and finalised on 21/8/18.	N/A

Reference	Non Compliance / MTW Response	Action Status Update	Target Date for Completion
2.	MTW will determine the Wollombi Brook Probable Maximum Flood (PMF) RL at the Charlton levee and ensure there is 500mm of freeboard (from PMF to levee top RL). Response/Action Description Determine the Wollombi Brook Probable Maximum Flood (PMF) RL at the Charlton levee and ensure there is 500mm of freeboard (from PMF to levee top RL).	Complete. A review of the 2016 flood mapping by WBM BMT for Singleton Council indicates that the PMF flood level around the salt pan creek (tributary of Wollombi Brook) is approx 70.0m AHD. A review of MTW survey data indicates that the Charlton levee crest is maintained above RL 70.5 or higher throughout the levee length as at 17/10/2018.	N/A
3.	All training required by the SSD 6464 and 6465 approvals or as required by the Management Plans required by the approvals should be documented. Response/Action Description Review process for documenting training records for training required by approvals, Implement process for documenting these training records as required.	In Progress. Action item is included on MTW's action tracking system.	30/04/2020