

Sunnyside 2013 Independent Environmental Audit Action Plan

PROJECT APPROVAL 06_0308 NON COMPLIANCES

Condition	Evidence	Proposed Actions/Response	Due Date	Progress Update
2.1	Site inspection identified spontaneous combustion of carbonaceous material in stockpiles within the pit. Also, given that the mine is now in care and maintenance, review and detailed development of the Mine Closure Plan is considered appropriate at this stage.	Detailed spontaneous combustion management plan submitted to EPA in response to the issue of a Clean Up Notice, and works have commenced. DRE are aware of the project and have indicated that EPA is the relevant authority for these works. Newsletter issued to surrounding landholders, Council etc in December 2013. Care and Maintenance MOP, comprising a Mine Closure Plan, is currently being developed and will be submitted to DRE for review and approval.	End March 2014 End of April 2014	
2.2(e)	A number of non-compliances with the Project Approval were identified during the audit as noted in the report.	Nil. Non compliances addressed elsewhere.	N/A	
3.3	Noise exceedances identified between August 2011 and September 2012. It is considered that Whitehaven's actions in investigating the noise exceedances and the actions taken in response were appropriate and, given that mining operations have now cease on site, no further actions are considered to be required.	Nil. Non compliances addressed at the time and site now in care and maintenance phase.	N/A	
3.10	Blast results reviewed during the audit identified several blast exceedances in May, June and October 2011 and January 2012.	Nil. Given the mine is now in care and maintenance and blasting has ceased on site, no further actions are considered to be required, unless mining activity recommences.	N/A	

ENVIRONMENTAL PROTECTION LICENCE 12957 NON COMPLIANCES

Condition	Evidence	Proposed Actions/Response	Due Date	Progress Update
L6.1	Noise exceedances identified between August 2011 and September 2012. It is considered that Whitehaven's actions in investigating the noise exceedances and the actions taken in response were appropriate and, given that mining operations have now cease on site, no further actions are considered to be required.	Nil. Non compliances addressed at the time and site now in care and maintenance phase.	N/A	
L7.1 & L7.2	Blast results reviewed during the audit identified several blast exceedances in May, June and October 2011 and January 2012.	Nil. Given the mine is now in care and maintenance and blasting has ceased on site, no further actions are considered to be required, unless mining activity recommences.	N/A	
M2.1	Not all PM10 samples have been collected at monitoring points 7 and 8. Power outages and machine failure have resulted in several samples being missed.	Nil. Air quality monitoring is continuing to be undertaken during the care and maintenance phase, however, given that power outages and machine failures are intermittent and sometimes beyond the control of Whitehaven, no further actions are considered to be required.	N/A	
M2.8(a)	It was noted that a blast monitor malfunction resulted in no monitoring of blast No 46 at "Innisvale" in March 2012.	Nil. At the time Whitehaven undertook an investigation and the monitor was repaired such that all further blasts have been monitored as required.	N/A	

MINING LEASE 1624 NON COMPLIANCES

Condition	Comment	Proposed Actions/Response	Due Date	Progress Update
2	Site inspection identified spontaneous combustion of carbonaceous material in stockpiles within the pit. Also, given that the mine is now in care and maintenance, review and detailed development of the Mine Closure Plan is considered appropriate at this stage.	Detailed spontaneous combustion management plan submitted to EPA in response to the issue of a Clean Up Notice, and works have commenced. DRE are aware of the project and have indicated that EPA is the relevant authority for these works. Newsletter issued to surrounding landholders, Council etc in December 2013. Care and Maintenance MOP, comprising a Mine Closure Plan, is currently being developed and will be submitted to DRE for review and approval.	End March 2014 End of April 2014	
18	There are currently issues with spontaneous combustion in the southern end of the pit. Since the audit site inspection was undertaken, it is understood that the EPA has issued a cleanup notice to Whitehaven in relation to the spontaneous combustion issue.	Detailed spontaneous combustion management plan submitted to EPA in response to the issue of a Clean Up Notice, and works have commenced. DRE are aware of the project and have indicated that EPA is the relevant authority for these works. Newsletter issued to surrounding landholders, Council etc in December 2013.	End March 2014	

ENVIRONMENTAL MANAGEMENT PLANS RECOMMENDATIONS

Finding	Recommendation	Proposed Actions/Response	Due Date	Progress Update
Site Water Management Plan	Given the site is no longer manned on a daily basis, it is recommended that the Site Water Management Plan be reviewed and amended to ensure that appropriate strategies and controls are in place to minimise the potential for off-site discharges to occur.	Site Water Management Plan to be updated for care and maintenance phase.	End of April 2014 consistent with MOP timing	
Mine Closure Plan	Given that mining has not progressed to the extent envisaged by the current Plan, and the Plan was fairly conceptual in nature, it is recommended that the Plan be reviewed and amended to address the current care and maintenance phase and potential move to closure.	Care and Maintenance MOP, comprising a Mine Closure Plan, is currently being developed and will be submitted to DRE for review and approval.	End of April 2014 consistent with MOP timing	

ENVIRONMENTAL PERFORMANCE

Finding	Recommendation	Proposed Actions/Response	Due Date	Progress Update
Spontaneous Combustion	There are currently issues with spontaneous combustion in the southern end of the pit. Since the audit site inspection was undertaken, it is understood that the EPA has issued a cleanup notice to Whitehaven in relation to the spontaneous combustion issue.	Detailed spontaneous combustion management plan submitted to EPA in response to the issue of a Clean Up Notice, and works have commenced. Newsletter issued to surrounding landholders, Council etc in December 2013.	End March 2014	
Rehabilitation and Mine Closure	There are areas of the site (such as the top of the waste emplacement and areas around the southern end of the pit) which could have rehabilitation commenced. It is recommended that Whitehaven consider further rehabilitation of the site in preparation of the revised MOP for the care and maintenance phase.	Spontaneous combustion management plan will address rehabilitation of the southern end of the pit. At completion of the current rehabilitation works associated with spontaneous combustion management, areas available for rehabilitation on the plateau of the retained emplacement or fringe of the southern void area will be undertaken.	End March 2014	
Koala Enhancement Areas and Koala Fencing	The koala fence installed around the southern boundary of the pit was observed to be still in place, however it was noted that maintenance of the fence is required in several sections missing the colourbond sheeting or where holes are present.	Koala fence to be repaired.	Complete	Repairs were made to the relevant sections of the koala fence immediately following the audit. The fence is subject to monitoring during the monthly inspection regime.