

### Lidsdale Siding Response to 2015 IEA Recommendations

Recommendation Number	Recommendation	Response
REC-2015-01	Repair the leak from the CVO1 at the TLO bin. Ensure that coal fines are prevented from entering the clean water catchment drain adjacent to the TLO bin by either regular cleaning or construction of infrastructure for containment.	No leak has been found at CVO1 / TLO bin. The infrastructure at CVO1 /TLO is subject to regular inspections and cleaning.
REC-2015-02	Confirm that the increased height of the train line would not restrict flows and lead to possible redirection of flows onto the site in the event of the culvert being overtopped.	The issue will be investigated.
REC-2015-03	Real time measurements coupled with additional composition analysis may be required to establish the likely source should consistent elevated results at DG9, DG10 and DG11 show rolling average above the guideline.	Noted
REC-2015-4	Review monitoring data and consider relocating DG11 to a location more representative of background conditions at the site. Current results at DG11 are above results close to the source areas where higher measurements would be expected.	Noted
REC-2015-05	Future monthly and annual noise monitoring reports require the inclusion of a statement of verification with EPL conditions L4.5 with supporting information i.e the correct distance from the most exposed façade of receptor buildings where noise monitoring was undertaken.	Noted
REC-2015-06	It is recommended that the draft action plan provided in the independent noise audit be implemented.	The timings for recommendations in the independent noise audit were forwarded to DPE on the 30/11/2015.

REC-2015-07	Sound power testing of the stockpile dozer should be undertaken to confirm the sound power level is not greater than 105Db(A).	SWL measurements of the plant and equipment were conducted in late December 2015. The analysis and comparison to the benchmark levels in the Noise Impact Assessment prepared by Hatch 2012 shall be submitted to DPE in February 2016.
REC-2015-08	Improve the structure of management plans so as to highlight management actions and mitigation measures that can be easily identified , implemented and audited against.	Noted
REC-2015-09	That the integration between the EMS, the strategy and the management is improved. Each plan should outline its strategic context in line Lidsdale Siding's EMS, the strategy, and Centennial Coals Standards.	Noted
REC-2015-10	Update the 2013 surface water management plan to reflect current EPL 5129 requirements	The water management plan will be revised to address this issue
REC-2015-11	Update the surface water management plan to refer to actions and activities that are currently undertaken at the site rather than those that were proposed.	The water management plan will be revised to address this issue
REC-2015-12	The noise management plan should be updated to include the noise limits given in EPL condition L4.1. Additional detailed instructions for the noise limits	The noise management plan will be revised to address this issue
REC-2015-13	It is not recommended that the frequency of noise monitoring be reduced based on the number of incidents of exceedances of the noise limits in 2014 and 2015.	Noted
REC-2015-14	Confirm if a training program for relevant train operators has been implemented. If not, implement a training program in accordance with the requirements of the NMP.	Operator's that load trains have received competency based training.
REC-2015-15	Update the Air Quality and Greenhouse Management Plan and remove references to the Wallerawang power station as an off-site emission source.	The Air Quality and Greenhouse management plan will be revised to address this issue

REC-2015-16	Update the Air quality and Greenhouse Management Plan to include location of the Lidsdale Siding weather station, including PM10 continuous monitor.	The Air Quality and Greenhouse management plan will be revised to address this issue
REC-2015-17	Update the heritage management plan to refer to actions and activities that are currently undertaken at the site rather than those that were proposed.	The document has been superseded by the Western Regional Cultural Heritage Management Plan
REC-2015-18	Update the heritage management plan to include operational specific roles and responsibilities	The document has been superseded by the Western Regional Cultural Heritage Management Plan
REC-2015-19	Update the heritage management plan to define the extent of the operational area, the heritage artefacts located inside the operational area and applicable and controls and mitigation measures.	The document has been superseded by the Western Regional Cultural Heritage Management Plan
REC-2015-20	Update the PIRMP to reflect current operations and activities.	Completed
REC-2015-21	Update contact details in the PIRMP to reflect current operations	Completed
REC-2015-23	Update the Plans / Figures appended to the PIRMP	Completed
REC-2015-25	Regular attended noise monitoring may no longer be required at sites R1 and R6 because acquisition upon request and lidsdale siding noise is generally inaudible at R6. MCW Environmental did not consider this beyond presenting what was reported on in the Annual Report. Refer to 4.2.4.	Noted
REC-2015-26	Relocate continuous noise monitor to a more suitable location	Noted
REC-2015-27	Confirm timings for recommendations in the independent noise audit action plan.	The timings for recommendations in the independent noise audit were forwarded to DPE on the 30/11/2015.
REC-2015-28	Noise recommendations - refer to 4.2.4 of the main report	Noted.
REC-2015-29	Confirm if a wind sensor that complies with the approved methods for the sampling and analysis of air pollutants in NSW has been installed.	The Met-One 3 cup mechanical wind speed and direction sensor set does comply with approved methods for the sampling and analysis of air pollutants in NSW.

REC-2015-30	Provide records of coal transported on the Lidsdale Siding website at the end of each calendar year as required by condition 12, schedule 3.	Information is included in the 2014 Annual Review that is on the Lidsdale Siding webpage.
REC-2015-31	Confirm the works at the main street Wallerawang level crossing have been undertaken in consultation with and to the satisfaction of Lithgow City Council and the relevant rail authority and or its agent.	The required works have been completed. The outstanding correspondence with Council and the rail authority will be followed up and closed out.
REC-2015-32	Confirm with the EPA the preferred remedial strategy for the site and implement the strategy.	<p>The EPA has been advised in 2016 of Centennial's intension to engage Environmental Strategies Pty Limited (ES) to undertake an independent review of the Remedial Action Plan (RAP) and the Water Management Plan for the Lidsdale Siding Upgrade Project.</p> <p>The purpose of the review is to examine ways to expedite compliance with schedule 3 condition 18 of the project approval and U1.1 of EPL 5129 that required the preparation of the RAP. The original RAP and remedial options for the site have been based on NEPC NEPM 1999, and not on NEPM (amended 2013), which requires more rigorous assessment of the site risk prior to remediation.</p> <p>The original RAP does not address insitu remediation options, with all options currently within the RAP requiring large scale excavation and movement of materials.</p> <p>As a result it is proposed to undertake the further scope of works prior to commencement of remediation of the site with a view to minimising the overall environmental risk of the project to the environment and surrounding community.</p> <p>Implementation of the RAP and commencement of site</p>

		remediation in 2016 once EPA approval of the updated RAP is received.
REC-2015-33	Ensure the amendment requested by DPE in their email dated 9 May 2014 regarding the flood study have been addressed.	The 2014 Lidsdale Siding flood study will be updated and resubmitted.
REC-2015-34	<p>A procedure for discharging via pump-out should be developed and implemented. The procedure should include sampling of water until results have been received.</p> <p>Develop and implement an action plan with timeframes to track progress against outstanding mitigation measures as defined by the WMP.</p>	The preparation of a water management procedure for Lidsdale Siding complex shall be developed. The procedure will include best management practices for management of surface water and adoption of quality assurance measures to ensure duplicate samples of all surface water discharge samples are taken.
REC-2015-35	<p>Ensure roles and responsibility are clear for implementation of mitigation measures and monitoring requirements.</p> <p>Ensure plans include measures to manage unpredicted impacts and their consequences.</p> <p>Update the biodiversity management plan to include a clear requirement for periodic review.</p>	Noted
REC-2015-36	Ensure monthly environmental monitoring reports provide a summary of results where it is stated that further analysis has been conducted. The summary can be included in the subsequent monthly report.	Noted
REC-2015-37	Ensure the name of the person who collected the sample is included in the monthly noise reports.	Noted
REC-2015-38	Ensure the Lidsdale Siding Complaints Register reflects the complaints logged in the ECD database.	Noted
REC-2015-39	Ensure information stored in the centennial ECD Lotus Notes database correlates with site complaint forms.	Noted.

REC-2015-40	Update the Lidsdale Siding Webpage with the new telephone complaints number	The new contact number has been provided to the CCC committee and is displayed at the entrance to Lidsdale Siding. The Lidsdale Siding webpage will be updated with the new contact number.
REC-2015-41	Ongoing communications should be maintained to ensure the RAP has been developed to the satisfaction of the agency.	The EPA have been advised of our intention to update and resubmit the RAP to EPA for approval. Implementation of the RAP including commencement of site remediation during 2016 following the approval of the RAP by the EPA.
REC-2015-42	Ensure the stockpiled soil and fill planned for use in the levee bank/bunding is characterised prior to reuse on-site or disposal off site.	A letter report prepared by SLR Consulting on preliminary soil testing of soil/chitter stockpiles at the site was forwarded to the EPA on the 30 September 2014. All samples displayed hydrocarbon levels below the thresholds for 'Areas of ecological significance', 'Urban residential and public open space' and 'Commercial and industrial' land use thresholds, which does not trigger the requirement for further testing.
REC-2015-43	The most recent version of the water management plan should be provided to the EPA.	This was completed on the 30 September 2014.
REC-2015-44	Ensure consultation with the CCC is undertaken in respect of the Rehabilitation management plan.	Include as an agenda item in the next CCC meeting.