Item No.		А	ssessmen	t Require	nent	Comment	Audit Classification	Response / Action (Recommendation)	IMC Response / Time Frame
Ministe					iding Modification 8 issued J	uly 2018)			
Sch 2, C12	(a) maintai (b) operate	ned in a proper d in a proper a	and efficie nd efficient	nt conditio		Environmental awareness training is rolled out to all employees which includes information on the environmental approvals, management of water, storage and handling of hazardous substances and regulatory obligations.  Specific training is defined in training matrices. It was noted that the training matrix for the Environment team is not up to date. Training which has been completed has not been recorded in the matrix and training has been assigned for some individuals which is not required. The auditor understands a review of training records is to be undertaken by the end of 2020.	Observation	Maintain training records to ensure employees have received appropriate training.	Review of training matrix has been undertaken.  Records to be updated in training system by 31/01/2021
Sch 4, C1	does not e residence downed land be the crite  Table 1: No  Day LAeq(15 min) 42 41 40  40  Notes: To detern	exceed the noion privately-own privately-own. The applicable ria applying at oise impact associated im	se impact med land, of e criteria for the nearest essment essmen	assessme or on more any residulisted residulisted residulisted residulisted residue teria dB(A		The following exceedances in noise criteria were reported during the audit period:  20/5/20 exceedance of day time criteria at R6a – not deemed as a non-compliance; 24/2/20 exceedance of day time criteria at R6a – not deemed as a non-compliance; 27/11/19 exceedance of evening criteria at R6a – not deemed as a non-compliance; 11/9/19 exceedance of day time criteria at R6a – deemed a non-compliance; and 13/6/19 exceedance of date and night LAeq(15min) at R6a – not deemed as a non-compliance.  Noise levels were assessed in accordance with the NSW Industrial	Non Compliance	Continue to implement all reasonable and feasible noise mitigation measures.	Noted.  A directional noise monitoring system is planned to be installed in 2021.

	residential boundary, or at the most affected point within 30 metres of a dwelling (rural situations) where the dwelling is more than 30 metres from the boundary. Where it can be demonstrated that direct measurement of noise from the development is impractical, EPA may accept alternative means of determining compliance.  • To determine compliance with the L A1(1 minute) limit, noise from the development is to be measured at 1 metre from the dwelling façade. Where it can be demonstrated that direct measurement of noise from the development is impractical, DECC may accept alternative means of determining compliance (see Chapter 11 of the NSW Industrial Noise Policy).  • The noise emission limits identified in the above table apply under meteorological conditions of:  o wind speeds of up to 3 m/s at 10 metres above ground level; or  o up to 3oC/100 m temperature inversion strength for all receivers, plus a 2 m/s source-to-receiver component drainage flow wind at 10 metres above ground level for those receivers where applicable.  • These limits do not apply if the Applicant has an agreement with the relevant owner/s of these residences to generate higher noise levels, and the Applicant has advised the Department and EPA in writing of the terms of this agreement.	Noise Policy to determine compliance.  The Site received a warning letter from DPIE on 1 November 2019 for failing to make LA1(1min) noise monitoring results publicly available on the company website. IMC have since rectified this issue and made the results available.			
Sch4 , C9	The Applicant must ensure that dust generated by the development does not cause additional exceedances of the criteria listed in Tables 4 to 6 at any residence on privately- owned land, or on more than 25 percent of any privately-owned land.  Table 4: Long term impact assessment criteria for particulate matter  Pollutant  Total suspended particulate (TSP) matter Annual  Particulate matter < 10 μm (PM10)  Annual  Table 5: Short term impact assessment criteria for particulate matter  Pollutant  Pollutant  Averaging period Criterion Annual 30 μg/m³  Table 5: Short term impact assessment criteria for particulate matter  Pollutant  Pollutant  Averaging period Criterion 50 μg/m³  Table 6: Long term impact assessment criteria for deposited dust  Pollutant Averaging Maximum increase in deposited dust Deposited Annual 2 g/m²/month  A g/m²/month	According to the monitoring records and Annual Reviews for the audit period, no air quality exceedances were observed during the audit period.  On 25th September 2020, the EPA observed dust emanating from the stockpiles at the DCPP during blustery conditions. The DCPP is operated under an EPL held by BlueScope Steel who received a notice to provide information from the EPA. IMC has provided information to BlueScope in relation to the notice and is awaiting feedback from the EPA. There is no indication that air quality criteria were breached as a result of this incident.	Observation	Await further direction from EPA and implement any actions required.	Advisory Letter received from EPA dated 3/12/2020.  No specific further actions required.

	Note: Deposited dust is assessed as insoluble solids as defined by Standards Australia, 1991, AS/NZS 3580.10.1-2003: Methods for Sampling and Analysis of Ambient Air - Determination of Particulates - Deposited Matter - Gravimetric Method.				
Sch 4, C 12	The Applicant must ensure all surface water discharges from the surface facilities:  (a) meet the relevant ANZECC water quality objectives for the protection of aquatic ecosystems and water quality of existing receiving waters; and (b) comply with the discharge limits (both volume and quality) set for the development in any EPL.	On 10 <sup>th</sup> August 2020 the sediment dam that collects runoff water from roads, hardstand surfaces and the coal stockpile area at the KVCLF failed, releasing approximately 10 ML of water from the site, which flowed into Brandy and Water Creek. The released water contained suspended coal fines and gravel material from the dam base.  Refer to EPL compliance table, Section 3, Condition L1.1	Non Compliance	The release from the sediment dam is currently under investigation by the regulator. Comply with any further direction from the EPA.	Sediment pond has been repaired and follow up monitoring has been undertaken.  Review and implement actions from EPA once investigation completed.
Sch 4, C27	The Applicant must establish an agreement with WCC to share the reasonable costs of maintenance of Stones Road for the life of the development. Prior to decommissioning of the mine, Stones Road must be inspected, to the satisfaction of WCC, and the road restored by the Applicant to a standard not less than its condition prior to the development's approval. If roadworks are not carried out by the Applicant within one month of being informed by WCC that these works are required under the maintenance agreement, WCC shall be entitled to carry out such maintenance work at the Applicant's cost. Any dispute over implementation of this condition is to be referred to the Secretary for resolution.	The Deed with WCC lapsed on 18 <sup>th</sup> May 2018 and was re-signed on 28 <sup>th</sup> August 2019. IMC advised that maintenance on Stones Road is completed and funded by IMC and was undertaken as necessary during the period, despite the Deed being lapsed for a portion of the audit period. The lapsed deed did not impact the provision of maintenance for Stones Rd, therefore an administrative noncompliance has been identified against this condition.	Administrative Non Compliance	Historic NC. No further action required.	Noted
Sch 7, C1	If the results of monitoring required in Schedule 4 identify that the impacts generated by the development are greater than the relevant impact assessment criteria in Schedule 4, except where this is predicted in the documents listed in condition 2 of schedule 2 or where a negotiated agreement has been entered into in relation to that impact, then the Applicant must notify the Secretary and the affected landowners and/or existing or future tenants (including tenants of mine-owned properties) accordingly, and provide quarterly monitoring results to each of these parties until the results show that the development is complying with the criteria in Schedule 4.	Notifications of exceedance of noise criteria were provided in writing to the effected resident as soon as monitoring reports were available during the audit period. Subsequent monitoring was made available on the company website with the affected residents subsequently notified when that had occurred. IMC should notify affected residents of monitoring results prior to publishing on the website.	Observation	Provide monitoring results proactively to the resident prior to release to the website.	IMC to implement system to notify residents of results prior to publication by 31/12/2020.

Sch 8, C2	Management plans required under this consent must be prepared in accordance with relevant guidelines, and include:  (a) a summary of relevant background or baseline data; (b) details of:  (i) the relevant statutory requirements (including any relevant approval, licence or lease conditions);  (ii) any relevant limits or performance measures and criteria; and  (iii) the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the development or any management measures; (c) a description of the measures to be implemented to comply with the relevant statutory requirements, limits, or performance measures and criteria; (d) a program to monitor and report on the:  (i) impacts and environmental performance of the development; and  (ii) effectiveness of the management measures set out pursuant to condition 2(c); (e) a contingency plan to manage any unpredicted impacts and their consequences and to ensure that ongoing impacts reduce to levels below relevant impact assessment criteria as quickly as possible; (f) a program to investigate and implement ways to improve the environmental performance of the development over time; (g) a protocol for managing and reporting any:  (i) incident and any non-compliance (specifically including any exceedance of the impact assessment criteria and performance criteria);  (ii) complaint;  (iii) failure to comply with statutory requirements; and (h) a protocol for periodic review of the plan.	The Water Management Plan includes contingencies for managing unpredictable impacts and their consequences, however the Air Quality Management Plan does not include a similar contingency section in the event that unpredictable dust impacts occur.  IMC should update the Air Quality Management Plan to include a discussion of contingency measures in the event of a significant dust event, however it is noted that air quality monitoring results are consistently below assessment criteria.	Administrative Non Compliance	Include a contingency plan in the Air Quality Management Plan	The Air Quality Managemen t Plan to be reviewed to include contingency plan by 30 June 2021 (pending approval of Dendrobium Mine Extension Project).
Sch 8, C7	Within three months of commencing an Independent Environmental Audit, or within another timeframe agreed by the Secretary, the Applicant must submit a copy of the audit report to the Secretary, and any other NSW agency that requests it, together with its response to any recommendations contained in the audit report, and a timetable for the implementation of the recommendations. The recommendations must be implemented to the satisfaction of the Secretary.  Note: The audit team must be led by a suitably qualified auditor and include experts in any fields specified by the Secretary.	The 2017 IEA report was submitted on 22 May 2018. The auditor understands that the delay in submitting the report was communicated with DPIE.	Administrative Non Compliance	Historic NC. No further action required	Noted

Sch	Before the commencement of Modification 8 until the completion of all	The IMC website did not include the	Administrative	Include all the	Condition 11
8, C	rehabilitation required under this consent, the Applicant must:	following items:	Non	reports required by	of Schedule
11	(a) make the following information and documents (as they are		Compliance	condition 2 of	8 was
	obtained, approved or as otherwise stipulated within the conditions of this	<ul><li>Primary Submission (the</li></ul>		Schedule 2 of this	included in
	consent) publicly available on its website:	Dendrobium Project, dated 30		consent on the	the Consent
	(i) the documents referred to in condition 2 of Schedule 2 of this	July 2001);		website.	with MOD 8
	consent;	<ul><li>Submission in Reply (the</li></ul>			dated
	(ii) all current statutory approvals for the development;	Dendrobium Project, undated);			13/07/2018.
	(iii) all approved strategies, plans and programs required under	<ul><li>Environmental Effects of</li></ul>			These
	the conditions of this consent;	Subsidence Associated with the			documents
	(iv) minutes of CCC meetings;	Dendrobium Project, prepared by			were not
	(v) regular reporting on the environmental performance of the	National Environmental			required to
	developmentin accordance with the reporting	Consulting Services and dated			be available
	requirements in any plans or programs approved under	August 2001;			prior to
	the conditions of this consent;	Modification Application dated 12			MOD 8.
	(vi) a comprehensive summary of the monitoring results of the	February 2002 and supporting			
	development, reported in accordance with the	information dated 27 January			A link has
	specifications in any conditions of this consent, or any	2002;			been
	approved plans and programs;	Modification Application and			provided on
	(vii) a summary of the current stage and progress of the	supporting information dated 24			the South32
	development;	May 2002 and additional			website to
	(viii) contact details to enquire about the development or to make a	supporting information dated 14			the DPIE
	complaint;	June 2002;			Major
	(ix) a complaints register, updated monthly;	Modification Application and			Projects
	(x) the Annual Reviews of the development;	Statement of Environmental			website
	(xi) audit reports prepared as part of any Independent	Effects for the Dendrobium Coal			where
	Environmental Audit of the development and the	Sizer, prepared by Olsen			documents
	Applicant's response to the recommendations in any	Environmental Consulting and			associated
	auditreport;	dated March 2005;			with MOD 6,
	(xii) any other matter required by the Secretary; and	<ul><li>Application for Further Approval</li></ul>			7 and 8 are
	(b) keep such information up to date, to the satisfaction of the Secretary.	of West Cliff Emplacement Area			available.
		Stage 3, Vol 2 (including			
		Appendices), prepared by			MOD 5
		Cardno Forbes Rigby and dated			documents
		July 2007, associated Response			are available
		to Submissions dated 1			on the
		November 2007 and associated			South32
		Statement of Commitments			website.
		dated 28 November 2007 (see			
		Appendix 3);			South32
		<ul><li>Modification Application –</li></ul>			does not
		Modification of Area 3 Footprint			have access
		and Review of Conditions of			to
		Consent dated 27 November			documents
		2007, EA and associated			

		Statement of Commitments (see Appendix 4);  EA (MOD 7); and  EA (MOD 8).  IMC was issued with a warning by the Department for not reporting LA1 noise monitoring results on the website during the audit period. This matter was rectified and was isolated in nature and not reflective of a systemic failure to report, therefore an administrative noncompliance has been raised.			prior to MOD 5.
Enviro	nmental Protection Licence 3241				
L1.1	Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997.	According to the Annual Reviews, Annual Returns and the monitoring spreadsheet, there were no instances of exceedances of the applicable water quality limits for any samples collected during the audit period.	Non Compliance	The release from the sediment dam is currently under investigation by the regulator.	As addressed above.
		On 10 August 2020 the sediment dam that collects runoff water from roads, hardstand surfaces and the coal stockpile area at the Kemira Valley facility failed, releasing approximately 10 ML of water from the site, which flowed into Brandy and Water Creek. The released water contained suspended coal fines and gravel material from the dam base and therefore introduced matter into Brandy and Water Creek.			
		Following the event, IMC immediately commenced mitigation measures, which included diverting all runoff to the buffer dam, monitoring water quality in the receiving waters and investigating the cause of the event.  Characterisation of the extent of			

		impacts, if any, of the release on the receiving waterways and potential remedial options have also been undertaken.  At the time of the site visit, earth works were being completed to repair and recommission the sedimentation dam. The incident is currently under investigation by the regulator and IMC.			
M1.3	The following records must be kept in respect of any samples required to be collected for the purposes of this licence:  a) the date(s) on which the sample was taken; b) the time(s) at which the sample was collected; c) the point at which the sample was taken; and d) the name of the person who collected the sample.	The EPL requires samples be collected for the following monitoring purposes:  Monthly dust monitoring at five locations for ash, combustible solids and insoluble solids (Points 6, 9, 13, 17, 18);  Monthly ambient air monitoring at two locations for PM10 and TSP (points 20, 21); and Monthly monitoring during discharge at one location for As, Cu, Ni, Zn, oil & grease, pH, TSS and conductivity (point 5).  ERM reviewed the spreadsheet that documents the monitoring results for all the locations required by the licence. ERM identified that all the dust, ambient air and water quality samples included the date on which the sample was taken and the point at which the sample was collected.  ERM reviewed example chain of custody documentation and confirmed that the name of the person who collected the sample was included on all example documents. The time at which the sample was collected was not observed on the documents available for review, therefore ERM	Administrative Non Compliance	Ensure that the time of collection for each sample is included on sample records, such as the chain of custody.	Chain of Custody forms to be modified to include time sample collected by 31/01/2021.

	considers IMC non-compliant with			
Consolidated Coal Lease 768	the requirements of this condition.			
No compliance findings related to CCL 768				
Mining Lease ML 1510  25. The lease holder shall provide and maintain to the satisfaction of the Minister efficient means to minimise contamination, pollution, erosion or siltation of any river, stream, creek, tributary, lake, dam, reservoir, watercourse or catchment area or any undue interference to fish or their environment and shall observe any instruction given or which may be given by the Minister with a view to preventing or minimising the contamination, pollution, erosion or siltation of any river, stream, creek, tributary, lake, dam, reservoir, watercourse or catchment area or any undue interference to fish or their environment.	On 10 <sup>th</sup> August 2020 the sediment dam that collects runoff water from roads, hardstand surfaces and the coal stockpile area at the KVCLF failed, releasing approximately 10 ML of water from the site, which flowed into Brandy and Water Creek. The released water contained suspended coal fines and gravel material from the dam base and therefore introduced matter into Brandy and Water Creek that changed the physical, chemical or biological condition of the water, which potentially constitutes pollution, therefore IMC are not	Non Compliance	The release from the sediment dam is currently under investigation by the regulator.	As addressed above.
	compliant with this condition.  Further detail is provided in the EPL table Section 3, Condition L1.1.			
Mining Lease ML 1566	Table 2 Society of Containent Entit		1	l .
No compliance findings related to ML 1566				