

Issue of an Environmental Authority (Mining Lease) Under s194 of the *Environmental Protection Act 1994*

CLIENT: New Acland Coal Pty Ltd
REGISTERED OFFICE ADDRESS: 3/22 Magnolia Drive
Brookwater QLD 4300
TENEMENT: **ML50170, ML50216, ML50232 and ML700002**
ENV AUTHORITY NO.: EPML00335713
FILE NO.: 101/0007030-001(E)
ECOTRACK AR NO.:
PROJECT REF NO.:
DUE DATE: 12 March 2019
TIME SPENT: 8 hours

1.0 SUMMARY

New Acland Coal Pty Ltd (The applicant, "NAC") operates the existing New Acland Coal Mine, an open-cut, thermal coal operation located near the town of Acland, approximately 14 km north-west of Oakey and 35 km north-west of Toowoomba. The EA amendment application proposes an expansion of the existing operation.

Objections were made to the EA amendment application and the matter was referred to the Land Court for an objections decision on 19 October 2015. The Land Court heard the matter and delivered its objections decision on 31 May 2017. This decision underwent judicial review and was returned to the Land Court for a rehearing which occurred from 2 to 4 October 2018.

On 7 November 2018, the Land Court rehearing decision, for the EA amendment application, was handed down. Land Court recommended approval of the project, subject to the fulfilment of several conditions detailed in the Land Court orders.

A critical order recommended NAC to apply to the Coordinator-General (CG) for a change to a stated condition, relating to noise limits for the project, under the *State Development and Public Works Organisation Act 1971*.

On 3 December 2018, NAC submitted a change request which was subsequently approved on 12 February 2019. The change report was issued to the proponent on the same day, triggering the timeframe for the department to make a final decision on the EA amendment application.

Under section 194 of the EP Act, the Mineral Resources (MR) Minister and State Development (SD) Minister have 10 business days to give the administering authority advice about any matter that they consider may help with making a final decision about the application. On 27 February 2019, the Ministers advice period concluded with no advice provided or extensions requested by either Minister.

On 28 February 2019, the Land Court version of the New Acland Coal Stage 3 Draft EA was filed with the Land Court and distributed to the active Land Court parties in order to satisfying Procedural Order 4.1 of the November 2018 Land Court recommendations. The draft EA that was filed incorporated all relevant Land Court recommendations from both decisions, the CG's change report stated conditions, and considered advice received from Land Court parties. See Attachment 1 for all changes to the EA.

2.0 LEGISLATION

Environmental Protection Act 1994

Chapter 5 Environmental authorities and environmentally relevant activities

Part 5 Decision stage

Subdivision 4 – Final decision on application

194 Final decision on application

(1) *This section applies if-*

- (a) the administering authority referred the application to the Land Court under section 185 and an objects decision is made about the application; or*
- (b) the administering authority referred the application to the Land Court under section 185 because of an objection notice but, before an objections decision is made about the application, all objection notices for the application are withdrawn.*

The application was referred to Land Court on 19 October 2015. The Land Court heard the matter and delivered its objections decision on 31 May 2017. This decision underwent judicial review and was returned to the Land Court for a rehearing which occurred from 2 to 4 October 2018.

On 7 November 2018, the Land Court rehearing decision (QLC18-041) for the EA amendment application was handed down. Land Court recommended approval of the project, subject to the fulfilment of several conditions detailed in the Land Court orders.

A critical order recommended NAC to apply to the Coordinator-General (CG) for a change to a stated condition, relating to noise limits for the project, under the *State Development and Public Works Organisation Act 1971*.

On 3 December 2018, NAC submitted a change request which was subsequently approved on 12 February 2019. The change report was issued to the proponent on the same day, triggering the timeframe for the department to make a final decision on the EA amendment application.

It is on this basis that s194 2(a) of the EP Act applies to this application.

(2) *The administering authority must decide –*

- (a) if a draft environmental authority was given for the application -*
 - (i) that the application be approved on the basis of the draft environmental authority for the application; or*
 - (ii) that the application be approved, but on stated conditions that are different to the conditions in the draft environmental authority; or*
 - (iii) that the application be refused; or*

The assessing officer recommends that the application be approved with the stated conditions from the Land Court objection decision and the CG change report (issued 12 February 2019), as described in this RSA.

(3) *The administering authority must make a final decision on the application –*

- (a) if the MRA or State Development Minister is given a copy of the objections decision under section 192 – within 10 business days after the end of the longer period within which either Minister must give advice relating to the application under section 193; or*
- (b) otherwise – within 10 business days after receipt by the authority of the notice under section 182(4) that the last remaining objection notice for the application was withdrawn.*

On 27 February 2019, the period for the MR and SD Minister to give advice concluded. No advice was provided and no requests for extension were sought, therefore the decision is due by 12 March 2019.

(4) *In making the decision, the administering authority must –*

- (a) have regard to –*
 - (i) the objections decision, if any; and*

- (ii) all advice, if any, given by the MRA Minister or the State Development Minister to the administering authority under section 193; and
- (iii) if a draft environmental authority was given for the application – the draft environmental authority; and

In making final decision on the EA, the department has considered the Land Court objections decision (QLC 18-041, dated 7 November 2018), the CG change report (12 February 2019), the Draft EA (dated 28/08/2015) and the existing EA (dated 21/11/2018) only as no advice was received from the MR or SD Ministers.

195 Issuing environmental authority

If the administering authority decides to approve an application or make a decision under section 170(2)(b) or 171(2)(b), it must issue an environmental authority to the applicant –

- (a) If the application for the authority is referred to the Land Court under section 185 – within 5 business days after a final decision is made under section 194 (2).*

The Environmental Authority will be issued by 19 March 2019.

3.0 RECOMMENDATION

It is recommended that the delegate issue the attached EA EPML00335713 for the New Acland Coal Mine under s195 of the EP Act.

Charissa Allan
Principal Environmental Officer
Signed:

Date: 12 March 2019

Reviewed & Endorsed By	
Emma Burgess Team Leader (Assessment) Signed: Date: 12 March 2019	Delegate Wayne Boyd Manager, Environmental Services Signed: s.73 Irrelevant Date: 12 March 2019

APPENDIX 1: TABLE OF CONDITIONS AND CHANGES

Condition Justification

Id #	Original draft EA condition	Final EA condition	Justification
ERA	<p>Environmentally relevant activity(ies)</p> <p><i>Environmental Protection Regulation 2008 – Schedule 2</i></p> <p>ERA 31(2)(b) Mineral processing - processing, in a year, the following quantities of mineral products, other than coke - more than 100,000t</p> <p>ERA 8(3) Chemical Storage – storing more than 500m³ of chemicals of class C1 or C2 combustible liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)</p> <p>ERA 63(1)(b) Sewage treatment – operating a sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1500EP</p> <p><i>Environmental Protection Regulation 2008 – Schedule 2A</i></p> <p>ERA 13 Mining black coal</p>	<p>Environmentally relevant activity(ies)</p> <p><i>Environmental Protection Regulation 2008 – Schedule 2</i></p> <p>ERA 31(2)(b) Mineral processing - processing, in a year, the following quantities of mineral products, other than coke - more than 100,000t</p> <p>ERA 8(3) Chemical Storage — storing more than 500m³ of chemicals of class C1 or C2 combustible liquids under AS 1940 or dangerous goods class 3 under subsection (1)(c)</p> <p>ERA 60(1)(a) operating a facility for disposing of, in a year, the following quantity of waste mentioned in subsection (1)(a)(i) - less than 50,000t</p> <p>ERA 63(1)(b) Sewage treatment — operating a sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1500EP</p> <p><i>Environmental Protection Regulation 2008 – Schedule 2A</i></p> <p>ERA 13 Mining black coal</p>	<p>ERA 60(1)(a) operating a facility for disposing of, in a year, the following quantity of waste mentioned in subsection (1)(a)(i) - less than 50,000t has been included in the environmentally relevant activities listed on EA EPML00335713 as this ERA was erroneously omitted from the original draft EA.</p>

Id #	Original draft EA condition	Final EA condition	Justification
Conditions			
Agency Interest: General			
A1	This environmental authority authorises environmental harm referred to in the conditions. Where there is no condition or this environmental authority is silent on a matter, the lack of a condition or silence does not authorise environmental harm.	This environmental authority authorises environmental harm referred to in the conditions. Where there is no condition or this environmental authority is silent on a matter, the lack of a condition or silence does not authorise environmental harm.	Condition as per approved draft EA, dated 28 August 2015.
A2	In carrying out the mining activity authorised by this environmental authority, the holder of this environmental authority must comply with Figure 1: Revised Project Overview – Mine Area .	In carrying out the mining activity authorised by this environmental authority, the holder of this environmental authority must comply with Figure 1 (Revised Project Overview — Mine Area) .	Condition as per approved draft EA, dated 28 August 2015.
A3	The holder of the environmental authority must implement the Environmental Management Plan New Acland Coal Mine Stage 3 project dated June 2015. This document should be made available to the administering authority upon request.	The holder of the environmental authority must implement the Environmental Management Plan New Acland Coal Mine Stage 3 project dated June 2015. This document should be made available to the administering authority upon request.	Condition as per approved draft EA, dated 28 August 2015.
A4	Maintenance of measures, plant and equipment The holder of this environmental authority must: <ul style="list-style-type: none"> a) install all measures, plant and equipment necessary to ensure compliance with the conditions of this environmental authority; b) maintain such measures, plant and equipment in a proper and efficient condition; c) operate such measures, plant and equipment in a proper and efficient manner; and d) ensure all instruments and devices used for the measurement or monitoring of any parameter under any condition of this environmental authority 	Maintenance of measures, plant and equipment The holder of this environmental authority must: <ul style="list-style-type: none"> a) install all measures, plant and equipment necessary to ensure compliance with the conditions of this environmental authority; b) maintain such measures, plant and equipment in a proper and efficient condition; c) operate such measures, plant and equipment in a proper and efficient manner; and d) ensure all instruments and devices used for the measurement or monitoring of any parameter under any condition of this environmental 	Condition as per approved draft EA, dated 28 August 2015.

Id #	Original draft EA condition	Final EA condition	Justification
	are properly calibrated.	authority are properly calibrated.	
A5	Monitoring Except where specified otherwise in another condition of this environmental authority, all monitoring records or reports required by this environmental authority must be kept for a period of not less than 5 years .	Monitoring Except where specified otherwise in another condition of this environmental authority, all monitoring records or reports required by this environmental authority must be kept for a period of not less than 5 years .	Condition as per approved draft EA, dated 28 August 2015.
A6	Upon request from the administering authority, copies of monitoring records and reports will be made available and provided to the administering authority's nominated office within 10 business days or an alternative timeframe agreed between the administering authority and the holder.	Upon request from the administering authority, copies of monitoring records and reports will be made available and provided to the administering authority's nominated office within 10 business days or an alternative timeframe agreed between the administering authority and the holder.	Condition as per approved draft EA, dated 28 August 2015.
A7	Any management or monitoring plans, systems or programs required to be developed and implemented by a condition of this environmental authority should be reviewed for effectiveness in minimising the likelihood of environmental harm on an annual basis, and amended promptly if required, unless a particular review date and amendment program is specified in the plan, system or program.	Any management or monitoring plans, systems or programs required to be developed and implemented by a condition of this environmental authority should be reviewed for effectiveness in minimising the likelihood of environmental harm on an annual basis, and amended promptly if required, unless a particular review date and amendment program is specified in the plan, system or program.	Condition as per approved draft EA, dated 28 August 2015.
A8	Financial assurance The activity must not be carried out until the environmental authority holder has given financial assurance to the administering authority as security for compliance with this environmental authority and any costs or expenses, or likely costs or expenses, mentioned in section 298 of the <i>Environmental Protection Act 1994</i> .	Financial assurance The activity must not be carried out until the environmental authority holder has given financial assurance to the administering authority as security for compliance with this environmental authority and any costs or expenses, or likely costs or expenses, mentioned in section 298 of the <i>Environmental Protection Act 1994</i> .	Condition as per approved draft EA, dated 28 August 2015.
A9	The amount of financial assurance must be reviewed	The amount of financial assurance must be	Condition as per approved draft EA,

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	by the holder of this environmental authority when a plan of operations is amended or replaced or the environmental authority is amended.	reviewed by the holder of this environmental authority when a plan of operations is amended or replaced or the environmental authority is amended.	dated 28 August 2015.
A10	Risk management The holder of this environmental authority must develop and implement a risk management system for mining activities which mirrors the content requirement of the Standards Australia Risk management – Principles and guidelines (AS/NZS ISO 31000:2009), or the latest edition of a Standards Australia for risk management, to the extent relevant to environmental management, prior to the commencement of mining activities.	Risk management The holder of this environmental authority must develop and implement a risk management system for mining activities which mirrors the content requirement of the Standards Australia Risk management — Principles and guidelines (AS/NZS ISO 31000:2009), or the latest edition of a Standards Australia for risk management, to the extent relevant to environmental management, prior to the commencement of mining activities.	Condition as per approved draft EA, dated 28 August 2015.
A11	Third-party reporting The holder of this environmental authority must: a) within 1 year of the commencement of this environmental authority, obtain from an appropriately qualified person a report on compliance with the conditions of this environmental authority; b) obtain further such reports at regular intervals, not exceeding 3 yearly intervals , from the completion of the report referred to above; and c) provide each report to the administering authority within 90 days of its completion.	Third-party reporting The holder of this environmental authority must: d) within 1 year of the commencement of this environmental authority, obtain from an appropriately qualified person a report on compliance with the conditions of this environmental authority; e) obtain further such reports at regular intervals, not exceeding 3 yearly intervals , from the completion of the report referred to above; and f) provide each report to the administering authority within 90 days of its completion.	Condition as per approved draft EA, dated 28 August 2015.

Id #	Original draft EA condition	Final EA condition	Justification
A12	<p>Where a condition of this environmental authority requires compliance with a standard, policy or guideline and the standard is amended or changed subsequent to the issue of this environmental authority, the holder of this environmental authority must:</p> <p>a) comply with the amended or changed standard, policy or guideline within 2 years of the amendment or change being made, unless a different period is specified in the amended standard or relevant legislation, or where the amendment or change relates specifically to regulated structures referred to in Conditions J1 to J33, the time specified in that Condition; and</p> <p>b) until compliance with the amended or changed standard, policy or guideline is achieved, continue to remain in compliance with the corresponding provision that was current immediately prior to the relevant amendment or change.</p>	<p>Where a condition of this environmental authority requires compliance with a standard, policy or guideline and the standard is amended or changed subsequent to the issue of this environmental authority, the holder of this environmental authority must:</p> <p>a) comply with the amended or changed standard, policy or guideline within 2 years of the amendment or change being made, unless a different period is specified in the amended standard or relevant legislation, or where the amendment or change relates specifically to regulated structures referred to in Conditions J1 to J33, the time specified in that Condition; and</p> <p>b) until compliance with the amended or changed standard, policy or guideline is achieved, continue to remain in compliance with the corresponding provision that was current immediately prior to the relevant amendment or change.</p>	Condition as per approved draft EA, dated 28 August 2015.
A13	<p>Project milestone commencement dates</p> <p>The environmental authority holder must notify the administering authority as a nominated entity in accordance with Imposed Condition 2, contained within Appendix 1 of the 'New Acland Coal Mine Stage 3 project Coordinator-General's evaluation report on the environmental impact statement dated December 2014' (the CG's report).</p>	<p>Project milestone commencement dates</p> <p>The environmental authority holder must notify the administering authority as a nominated entity in accordance with Imposed Condition 2, contained within Appendix 1 of the 'New Acland Coal Mine Stage 3 project Coordinator-General's evaluation report on the environmental impact statement dated December 2014' (the CG's report).</p>	Condition as per approved draft EA, dated 28 August 2015.
A14	<p>Environmental monitoring reports</p> <p>The environmental authority holder must provide the environmental monitoring reports required by Imposed Condition 3 in Appendix 1 of the CG's report to the</p>	<p>Environmental monitoring reports</p> <p>The environmental authority holder must provide the environmental monitoring reports required by Imposed Condition 3 in Appendix 1 of the CG's</p>	Condition as per approved draft EA, dated 28 August 2015.

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	administering authority each month.	report to the administering authority each month.	
A15	Storage and handling of flammable and combustible liquids Spillage of all chemicals and fuels must be contained within an on-site containment system and controlled in a manner that prevents environmental harm (other than trivial harm) and maintained in accordance with Section 5.9 of AS1940 - Storage and Handling of Flammable and Combustible Liquids of 2004 (or more recent editions).	Storage and handling of flammable and combustible liquids Spillage of all chemicals and fuels must be contained within an on-site containment system and controlled in a manner that prevents environmental harm (other than trivial harm) and maintained in accordance with Section 5.9 of AS1940 - Storage and Handling of Flammable and Combustible Liquids of 2004 (or more recent editions).	Condition as per approved draft EA, dated 28 August 2015.
Agency Interest: Air			
B1	At the commencement of Stage 3 New Acland mine project mining activities, the holder of the environmental authority must comply with Conditions B1 – B4 below. The environmental authority shall ensure that all reasonable and feasible avoidance and mitigation measures are employed so that the dust and particulate matter emissions generated by the mining activities do not cause exceedances of the following levels when measured at any sensitive or commercial place: a) Dust deposition of 120 milligrams per square metre per day, averaged over 1 month, when monitored in accordance with the most recent version of Standards Australia AS/NZS 3580.10.1 Methods for sampling and analysis of ambient air - Determination of particulate matter - Deposited matter - Gravimetric method; b) A concentration of particulate matter with an aerodynamic diameter of less than 10 micrometres (PM ₁₀) suspended in the atmosphere	The environmental authority holder must ensure that dust and particulate matter emissions generated by the mining activities do not cause exceedances of the following levels when measured at any sensitive place or commercial place: a) Dust deposition of 120 milligrams per square metre per day, averaged over 1 month, when monitored in accordance with the most recent version of Standards Australia AS/NZS 3580.10.1 Methods for sampling and analysis of ambient air - Determination of particulate matter - Deposited matter - Gravimetric method; b) A concentration of particulate matter with an aerodynamic diameter of less than 10 micrometres (PM ₁₀) suspended in the atmosphere of 50 micrograms per cubic metre over a 24-hour averaging time ¹ and 25 micrograms per cubic metre over a 1 year averaging time, for no more than 5 exceedances recorded per year ² , when monitored in accordance with the most recent version of either:	Original Condition B1 is a Coordinator-General (CG) Stated Condition (Stated Condition B1), as detailed in Appendix 2 of the CG's evaluation report on the Environmental Impact Statement for New Acland Coal Mine Stage 3 Project, dated 19 December 2014. Amendments made to Condition B1 have been made in reflection of recommendations of the Land Court, as made in QLC 17-024 and QLC 18-041, including: <ul style="list-style-type: none"> Condition B1(d) has been included in accordance with QLC17-024 [623]; Condition B1(b) has been amended to include PM₁₀ limit of 25ug/m³ over a 1 year average time in accordance with QLC17-

Id #	Original draft EA condition	Final EA condition	Justification
	<p>of 50 micrograms per cubic metre over a 24-hour averaging time, for no more than 5 exceedances recorded each year, when monitored in accordance with the most recent version of either:</p> <p>(1) Standards Australia AS/NZS 3580.9.6 Methods for sampling and analysis of ambient air - Determination of suspended particulate matter - PM₁₀ high volume sampler with size-selective inlet - Gravimetric method; or</p> <p>(2) Standards Australia AS/NZS 3580.9.9 Methods for sampling and analysis of ambient air - Determination of suspended particulate matter - PM₁₀ low volume sampler - Gravimetric method; or</p> <p>(3) Standards Australia AS 3580.9.8 Methods for sampling and analysis of ambient air - Determination of suspended particulate matter - PM₁₀ continuous direct mass method using a tapered element oscillating microbalance analyser;</p> <p>c) A concentration of particulate matter suspended in the atmosphere of 90 micrograms per cubic metre over a 1 year averaging time, when monitored in accordance with the most recent version of AS/NZS3580.9.3:2003 Methods for sampling and analysis of ambient air - Determination of suspended particulate matter - Total suspended particulate matter (TSP) - High volume sampler gravimetric method.</p>	<p>(1) Standards Australia AS/NZS 3580.9.6 Methods for sampling and analysis of ambient air - Determination of suspended particulate matter - PM₁₀ high volume sampler with size-selective inlet - Gravimetric method; or</p> <p>(2) Standards Australia AS/NZS 3580.9.9 Methods for sampling and analysis of ambient air - Determination of suspended particulate matter - PM₁₀ low volume sampler - Gravimetric method; or</p> <p>(3) Standards Australia AS 3580.9.8 Methods for sampling and analysis of ambient air - Determination of suspended particulate matter - PM₁₀ continuous direct mass method using a tapered element oscillating microbalance analyser;</p> <p>c) A concentration of particulate matter suspended in the atmosphere of 80 micrograms per cubic metre over a 24-hour averaging time and 90 micrograms per cubic metre over a 1 year averaging time, when monitored in accordance with the most recent version of AS/NZS3580.9.3:2003 Methods for sampling and analysis of ambient air - Determination of suspended particulate matter - Total suspended particulate matter (TSP) - High volume sampler gravimetric method.</p> <p>d) A concentration of particulate matter with an aerodynamic diameter of less than 2.5 micrometres (PM_{2.5}) suspended in the atmosphere of 25 micrograms per cubic metre over a 24-hour averaging time¹ and 8 micrograms per cubic metre over a 1 year averaging time¹, when monitored in accordance</p>	<p>024[635];</p> <ul style="list-style-type: none"> Condition B1(c) has been amended to include the Total Suspended Particle (TSP) of 80ug/m³ over a 24-hour averaging time in accordance with QLC17-024[641]. Condition B1 has been amended to include an exception event rule (see Condition B1 footnote 2) in accordance with QLC17-024[650] - [655]. Condition B1 has been amended to remove "all reasonable and feasible avoidance and mitigation measures are employed so that the" in accordance with QLC17-024[673]. Condition B1 has been amendment to state "sensitive place or commercial place" to reflect that each place type is a separately defined entity as detailed within the Definitions section of the EA. Conditions B5 – B12 were removed in accordance with QLC17-024[686]. Condition B1 was amended to

Id #	Original draft EA condition	Final EA condition	Justification
		<p>with:</p> <ol style="list-style-type: none"> (1) the most recent version of Standards Australia AS/NZS 3580.9.12 Methods for sampling and analysis of ambient air - Determination of suspended particulate matter – PM_{2.5} beta attenuation monitors; or (2) the most recent version of Standards Australia AS/NZS 3580.9.13:2013 Determination of suspended particulate matter – PM_{2.5} continuous direct mass method using a tapered element oscillating microbalance monitor, or (3) another method as agreed to in writing by the administering authority. <p>¹ These limits are based upon relevant air quality objectives contained in the Environmental Protection (Air) Policy 2008 and may be automatically amended to reflect any amendment or replacement of the relevant air quality objective in the Environmental Protection (Air) Policy 2008.</p> <p>² The five exceedance allowed each year within Condition B1(b) are only permitted to allow for events that are known to occur, but which cannot be managed by the environmental authority holder. Such events could include emissions from bushfires, fuel reduction burning for fire management purposes, or dust storms. All exceedance due to such events would not be considered to be in breach of Condition B1(b) if the environmental authority holder can demonstrate that the</p>	<p>state “the environmental authority holder” in accordance with QLD17-024[701].</p> <ul style="list-style-type: none"> • Condition B1 has been amended to include an automatic amendment clause (see Condition B1 footnote 1) in accordance with QLC17-024[710]. <p>QLC17-024[705] states <i>If NAC is provided with an environmental authority to mine, then the onus of proof should be on it to show EHP [DES] that they have not caused environmental harm and have not exceeded air quality and dust standards prescribed in the EA. I recommend the EA be altered to make this position clear and unambiguous.</i> DES considers that this recommendation has been addressed by the amended Condition B1.</p> <p>DES considers that the abovementioned amendments are consistent with the CG Stated Condition B1.</p>

Id #	Original draft EA condition	Final EA condition	Justification
		<i>exceedance was not generated by mining activities.</i>	
B2	If monitoring indicates the potential for exceedance of the relevant limits in Condition B1 then the environmental authority holder must immediately implement dust abatement measures to avoid exceeding the relevant limits.	If monitoring indicates the potential for exceedance of the relevant limits in Condition B1 then the environmental authority holder must immediately implement dust abatement measures to avoid exceeding the relevant limits.	Condition as per approved draft EA, dated 28 August 2015.
B3	<p>Air emissions management</p> <p>An Air Emissions Management Plan must be developed by a suitably qualified person and implemented. The Air Emissions Management Plan must incorporate a program for continuous improvements for the management of dust resulting from mining operations with respect to, but not limited to:</p> <p>e) The collection of air quality and meteorological data in accordance with Table B1: Air quality monitoring requirements;</p> <p>f) A system to identify adverse meteorological conditions likely to produce elevated levels of dust including PM₁₀ at a sensitive or commercial place due to the mining conditions; and</p> <p>g) A dust control strategy which activates a timely implementation of dust control management actions aimed to avoid elevated levels of dust including PM₁₀ at a sensitive or commercial place due to mining activities.</p>	<p>Air emissions management</p> <p>An Air Emissions Management Plan must be developed by a suitably qualified and experienced person and implemented for all stages of mining. The Air Emissions Management Plan must be submitted to the administering authority for review and comment within 3 months upon the grant of ML50232 and ML700002, and at intervals not exceeding two (2) years thereafter.</p>	<p>Original Condition B3 is a CG Stated Condition (Stated Condition B3) as detailed in Appendix 2 of the CG evaluation report on the Environmental Impact Statement for New Acland Coal Mine Stage 3 Project, dated 19 December 2014.</p> <p>Amendments made to Condition B3 have been made in reflection of recommendations of the Land Court, as made in QLD 17-024 and QLC 18-041. Amendments include:</p> <ul style="list-style-type: none"> Condition B3 was separated into three (3) conditions: Condition B3, B4 and B5 to clarify the requirements of the conditions. Condition B3 has been amended to require that the Air Emissions Management Plan (AEMP) to be developed and implemented by a suitably qualified and experienced person in accordance with QLC17-024[695].
B4	A copy of the Air Emissions Management Plan and any changes to the Air Emissions Management Plan must be provided to the administering authority on request.	<p>Air emissions management</p> <p>The Air Emissions Management Plan must incorporate a program for continuous improvements</p>	<ul style="list-style-type: none"> Original Condition B3 (Final Condition B4) has been

Id #	Original draft EA condition	Final EA condition	Justification
		<p>for the management of dust resulting from mining operations with respect to, but not limited to:</p> <ul style="list-style-type: none"> a) The collection of air quality and meteorological data in accordance with Table B1: Air quality monitoring requirements; b) PM₁₀ trend monitoring¹, including 3 locations located to the north-west, north and east of the site, for a minimum period of 3 years; c) A trigger action response plan that requires the environmental authority holder to investigate, mitigate and manage TSP caused by mining activities at any sensitive place or commercial place when monitoring indicates exceedance of 80 micrograms per cubic metre over a 24-hour averaging time; d) A forecasting system that provides daily predictions of upcoming meteorological conditions in order to identify adverse meteorological conditions likely to produce elevated levels of dust including PM₁₀ at a sensitive place or commercial place due to the mining activities; e) A dust control strategy which activates a timely implementation of dust control management actions aimed to avoid or minimise elevated levels of dust including PM₁₀ at a sensitive place or commercial place due to mining activities; f) Annual review of the Air Emissions Management Plan including its adequacy and effectiveness in avoiding and minimising air emissions and dust 	<p>amended:</p> <ul style="list-style-type: none"> o to include the dust forecasting system as defined in commitment 257/258 of NAC's register of commitments in accordance with QLC 17-024[696]; and, o Include the words "A dust control strategy which activates a timely implementation of dust control management actions aimed to avoid or minimise dust including PM₁₀ at a sensitive receptor or commercial place due to mining activities" in accordance with QLC 17-024 [697].

Id #	Original draft EA condition	Final EA condition	Justification
		<p>at a sensitive place or commercial place; and</p> <p>g) A protocol and register for the recording of requests and installation of first flush diverter systems as required by Condition B8.</p> <p>¹ <i>Trend monitoring as required by Condition B4(b) can be undertaken using different instruments and methods from those specified in Table B1: Air quality monitoring requirements.</i></p>	
B5	<p>Dust Nuisance</p> <p>Subject to Conditions M2 and B6, the release of dust or particulate matter or both resulting from the mining activity must not cause an environmental nuisance, at any sensitive place.</p>	<p>Within twenty (20) business days of receiving comments from the administering authority as required by Condition B3, the Air Emissions Management Plan must be updated by a suitably qualified and experienced person having regard to the comments, and submitted to the administering authority.</p>	<p>Original Conditions B5 to B12 from the original draft EA have been removed in accordance with QLC17-024[686]. New Condition (Final EA Condition B5) requiring the EA holder to consider and implement department comments in the Air Emissions Management Plan.</p>
B6	<p>Dust Deposition Monitoring</p> <p>If the environmental authority holder can provide evidence through monitoring that the following limits are not being exceeded then the holder is not in breach of Condition B5:</p> <p>a) Dust deposition of 120 milligrams per square metre per day, averaged over one month, when monitored in accordance with AS 3580.10.1 Methods for sampling and analysis of ambient air—Determination of particulates—Deposited matter—Gravimetric method of 1991; and</p> <p>b) A concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (µm) (PM₁₀) suspended in the atmosphere of 150 micrograms per cubic metre over a 24 hour averaging time, at a sensitive place downwind of</p>	<p>The monitoring locations listed in Table B1: Air quality monitoring requirements must be reviewed by a suitably qualified and experienced person(s) in relation to air and a report must be provided to the administering authority within two (2) years upon the grant of ML50232 and ML700002, and at intervals not exceeding two (2) years thereafter. The review must include:</p> <p>a) The effectiveness of the monitoring network;</p> <p>b) The frequency and cause of any exceedances of air quality objectives measured by the monitoring program over a period of at least two (2) years;</p> <p>c) Dust complaints;</p>	<p>Original Conditions B5 to B12 from the original draft EA have been removed in accordance with QLC17-024[686]. As a result of this recommendation, original draft EA condition B3 has become final EA Condition B6.</p> <p>The department considers this new condition to be consistent with the CG stated conditions.</p>

Id #	Original draft EA condition	Final EA condition	Justification
	<p>the operational land, when monitored in accordance with:</p> <p>(1) particulate matter—Determination of suspended particulate PM₁₀—high volume sampler with size selective inlet—Gravimetric method, when monitored in accordance with AS 3580.9.6 Methods for sampling and analysis of ambient air—Determination of suspended particulate matter—PM (sub) 10 high volume sampler with size selective inlet—Gravimetric method of 1990; or</p> <p>(2) any alternative method of sampling PM₁₀, which may be permitted by the 'Air Quality Sampling Manual' as published from time to time by the administering authority.</p> <p>NOTE: You must propose which monitoring method is appropriate in accordance with Condition (B6) (a) or (b) or both.</p>	<p>d) Future progression of the mining activities;</p> <p>e) Locations of sensitive receptors relative to the mining activities; and,</p> <p>f) Mining operation modes.</p>	
B7	<p>If monitoring indicates exceedence of the relevant limits in Condition B6, then the environmental authority holder must:</p> <p>a) address the complaint including the use of appropriate dispute resolution if required; or</p> <p>b) as soon as practicable or at the request of the administering authority, implement dust abatement measures so that emissions of dust from the activity do not result in further environmental nuisance.</p>	<p>All continuously monitored parameters required by Table B1: Air quality monitoring requirements and the forecasting system required by Condition B4 must be made publically available online and in real-time.</p>	<p>Original conditions B5 to B12 from the original draft EA have been removed in accordance with QLC17-024[686]. Final EA condition B7 has been added to the final EA in accordance with QLC17-024[611] – [612] and [809].</p>
B8	<p>Rehabilitation must be carried out in such a manner as to minimise releases of wind-blown dust and erosion.</p>	<p>The environmental authority holder must provide and install "first flush" systems within three (3)</p>	<p>Original conditions B5 to B12 from the draft EA have been removed in</p>

Id #	Original draft EA condition	Final EA condition	Justification
		<p>months of request at those residences, within 5km of the mine boundary, asking for the systems.</p>	<p>accordance with QLC17-024[686]. Final EA condition B8 has been added to the final EA in accordance with QLC17-024[1206] – [1207].</p>
B9	<p>Dust emissions from mining activities must be suppressed by the use of water or treated in any other suitable manner to prevent a dust nuisance at a sensitive place.</p>	<p>Odour Nuisance</p> <p>Subject to Conditions M2 and B10, the release of noxious or offensive odour(s) or any other noxious or offensive airborne contaminant(s) resulting from the mining activity must not cause any environmental nuisance at any sensitive place or commercial place.</p>	<p>Original conditions B5 to B12 from the draft EA have been removed in accordance with QLC17-024[686]. As a result of this recommendation, original draft EA condition B13 has become final EA Conition B9.</p>
B10	<p>All sealed traffic areas must be cleaned as necessary to minimise the release of dust and particulate matter to the atmosphere.</p>	<p>When requested by the administering authority, odour monitoring must be undertaken within a reasonable and practicable timeframe nominated by the administering authority to investigate any complaint (which is neither frivolous or vexatious nor based on mistake belief in the opinion of the authorised officer) of environmental nuisance at any sensitive place or commercial place, and results must be notified within fourteen (14) days to the administering authority following completion of monitoring.</p>	<p>Original conditions B5 to B12 from the draft EA have been removed in accordance with QLC17-024[686]. As a result of this recommendation, original draft EA condition B14 has become final EA Conition B10.</p>
B11	<p>Trafficable areas must be sealed with bitumen or an equivalent hard surface, or otherwise maintained to the satisfaction of the administering authority, in a condition which minimises the release of wind blown or traffic generated dust.</p>	<p>If monitoring indicates Condition B9 is not being met then the environmental authority holder must:</p> <ul style="list-style-type: none"> a) Address the complaint including the use of appropriate dispute resolution if required; or, b) Immediately implement odour abatement measures so that emissions of odour from the activity do not result in further environmental nuisance. 	<p>Original conditions B5 to B12 from the draft EA have been removed in accordance with QLC17-024[686]. As a result of this recommendation, original draft EA condition B15 has become final EA Conition B11.</p>

Id #	Original draft EA condition	Final EA condition	Justification
B12	Temporary roads used for material haulage must be watered or treated in any other suitable manner to minimise wind-blown or traffic-generated dust.		Conditions B5 to B12 from the draft EA have been removed in accordance with QLC17-024[686] .
B13	Odour Nuisance Subject to Conditions M2 and B14 , the release of noxious or offensive odour(s) or any other noxious or offensive airborne contaminant(s) resulting from the mining activity must not cause an environmental nuisance at any sensitive or commercial place.		Conditions B5 to B12 from the draft EA have been removed in accordance with QLC17-024[686] . As a result of this recommendation, original draft EA condition B13 has become final EA Condition B9.
B14	When requested by the administering authority, odour monitoring must be undertaken within a reasonable and practicable timeframe nominated by the administering authority to investigate any complaint (which is neither frivolous nor vexatious nor based on mistaken belief in the opinion of the authorised officer) of environmental nuisance at any sensitive or commercial place, and the results must be notified within 14 days to the administering authority following completion of monitoring.		Conditions B5 to B12 from the draft EA have been removed in accordance with QLC17-024[686] . As a result of this recommendation, original draft EA condition B14 has become final EA Condition B10.
B15	If monitoring indicates Condition B13 is not being met then the environmental authority holder must: a) address the complaint including the use of appropriate dispute resolution if required; or b) immediately implement odour abatement measures so that emissions of odour from the activity do not result in further environmental nuisance.		Conditions B5 to B12 from the draft EA have been removed in accordance with QLC17-024[686] . As a result of this recommendation, original draft EA condition B13 has become final EA Condition B11.
Table B1			Original Table B1 is a Coordinator-General (CG) Stated Condition (Stated Condition B1), as detailed in Appendix 2 of the CG evaluation report on the Environmental Impact Statement for New

Id #	Original draft EA condition	Final EA condition	Justification
			<p>Acland Coal Mine Stage 3 Project, dated 19 December 2014.</p> <p>Amendments made to Table B1 have been made in reflection of recommendations of the Land Court, as made in QLC 17-024 and QLC 18-041, including:</p> <ul style="list-style-type: none"> Table B1 has been amended to include monitoring at three additional locations to the north (sensitive receptors 7 and 8), north-west (sensitive receptors 38 and 39) and a location within 1 kilometre of the southern boundary of ML50232 in accordance with QLC 17-024[594] and [601]; Table B1 has been amended to require PM10, total suspended particule and insoluble solid monitoring at all locations in accordance with QLC 17-024 [595]; Reference to the CG's evaluation report on the Environmental Impact Assessment has been removed from the footnotes for clarity.
Agency Interest: Water			
C1	Contaminants that will, or have the potential to, cause environmental harm must not be released directly or indirectly to any waters as a result of the authorised mining activities, except as permitted under the conditions of this environmental authority.	Contaminants that will, or have the potential to, cause environmental harm must not be released directly or indirectly to any waters as a result of the authorised mining activities, except as permitted under the conditions of this environmental authority.	Condition as per approved draft EA, dated 28 August 2015.

Id #	Original draft EA condition	Final EA condition	Justification
C2	Unless otherwise permitted under the conditions of this environmental authority, the release of mine affected water to waters must only occur from the release points specified in Table C1: Mine affected water release points, sources and receiving waters and depicted in Figure 2: Mine affected water release points, sources and receiving waters monitoring attached to this environmental authority.	Unless otherwise permitted under the conditions of this environmental authority, the release of mine affected water to waters must only occur from the release points specified in Table C1: Mine affected water release points, sources and receiving waters and depicted in Figure 2: Mine affected water release points, sources and receiving waters monitoring locations attached to this environmental authority.	Condition as per approved draft EA, dated 28 August 2015.
C3	The release of mine affected water to waters in accordance with Condition C2 must not exceed the release limits stated in Table C2: Mine-affected water release limits when measured at the monitoring points specified in Table C1: Mine-affected water release points, sources and receiving waters for each quality characteristic.	The release of mine affected water to waters in accordance with Condition C2 must not exceed the release limits stated in Table C2: Mine-affected water release limits when measured at the monitoring points specified in Table C1: Mine-affected water release points, sources and receiving waters for each quality characteristic.	Condition as per approved draft EA, dated 28 August 2015.
C4	The release of mine affected water to waters from the release points must be monitored at the locations specified in Table C1: Mine-affected water release points, sources and receiving waters for each quality characteristic and at the frequency specified in Table C2: Mine-affected water release limits .	The release of mine affected water to waters from the release points must be monitored at the locations specified in Table C1: Mine-affected water release points, sources and receiving waters for each quality characteristic and at the frequency specified in Table C2: Mine-affected water release limits .	Condition as per approved draft EA, dated 28 August 2015.
C5	Mine-affected water release events The holder must ensure a stream flow gauging station/s is installed, operated and maintained to determine and record stream flows in Lagoon and Spring Creek upstream of the discharge sites.	Mine-affected water release events The holder must ensure a stream flow gauging station(s) is installed, operated and maintained to determine and record stream flows in Lagoon and Spring Creek upstream of the discharge sites.	Condition as per approved draft EA, dated 28 August 2015.
C6	Notwithstanding any other condition of this environmental authority, the release of mine affected water to waters in accordance with Condition C2 must only take place during periods of natural flow in accordance with the receiving water flow criteria for discharge specified in Table C2: Mine-affected water	Notwithstanding any other condition of this environmental authority, the release of mine affected water to waters in accordance with Condition C2 must only take place during periods of natural flow in accordance with the receiving water flow criteria for discharge specified in Table	Condition as per approved draft EA, dated 28 August 2015.

Id #	Original draft EA condition	Final EA condition	Justification
	release limits for the release point(s) specified in Table C1: Mine-affected water release points, sources and receiving waters.	C2: Mine-affected water release limits for the release point(s) specified in Table C1: Mine-affected water release points, sources and receiving waters.	
C7	The release of mine affected water to waters in accordance with Condition C6 must not exceed the Maximum Release Rate (for all combined release point flows) for each receiving water flow criterion for discharge specified in Table C3: Mine-affected water release during flow events when measured at the monitoring points specified in Table C1: Mine-affected water release points, sources and receiving waters.	The release of mine affected water to waters in accordance with Condition C6 must not exceed the Maximum Release Rate (for all combined release point flows) for each receiving water flow criterion for discharge specified in Table C3: Mine-affected water release during flow events when measured at the monitoring points specified in Table C1: Mine-affected water release points, sources and receiving waters.	Condition as per approved draft EA, dated 28 August 2015.
C8	The daily quantity of mine affected water released from each release point must be measured and recorded.	The daily quantity of mine affected water released from each release point must be measured and recorded.	Condition as per approved draft EA, dated 28 August 2015.
C9	Release to waters must be undertaken so not as to cause erosion of the bed and banks of the receiving waters or cause material build-up of sediment in such waters.	Release to waters must be undertaken so not as to cause erosion of the bed and banks of the receiving waters or cause material build-up of sediment in such waters.	Condition as per approved draft EA, dated 28 August 2015.
C10	Notification of release event The environmental authority holder must notify the administering authority as soon as practicable and no later than 24 hours after commencing to release mine affected water to the receiving environment. Notification must include the submission of written advice to the administering authority of the following information: a) release commencement date/time; b) details regarding the compliance of the release with the conditions of Department Interest: Water of this environmental authority (that is, contaminant limits, natural flow, discharge	Notification of release event The environmental authority holder must notify the administering authority as soon as practicable and no later than 24 hours after commencing to release mine affected water to the receiving environment. Notification must include the submission of written advice to the administering authority of the following information: a) release commencement date and time; b) details regarding the compliance of the release with the conditions of Department Interest: Water of this environmental authority (that is, contaminant limits, natural flow, discharge	Original draft EA condition C10 has been amended to final EA condition C10 to reflect the department's reporting protocols.

Id #	Original draft EA condition	Final EA condition	Justification
	<p>volume);</p> <p>c) release point/s;</p> <p>d) release rate;</p> <p>e) release salinity; and</p> <p>f) receiving water/s including the natural flow rate.</p> <p>NOTE: Notification to the administering authority must be addressed to the Manager and Project Manager of the local administering authority via email or facsimile.</p>	<p>volume);</p> <p>c) release point(s);</p> <p>d) release rate;</p> <p>e) release salinity; and</p> <p>f) receiving water(s) including the natural flow rate.</p> <p>NOTE: Notification to the administering authority must be made via the Pollution Hotline, (or WaTERS where applicable) or its successor.</p>	
C11	<p>The environmental authority holder must notify the administering authority as soon as practicable and nominally no later than 24 hours after cessation of a release event of the cessation of a release notified under Condition C10 and within 28 days provide the following information in writing:</p> <p>a) release cessation date/time;</p> <p>b) natural flow rate in receiving water;</p> <p>c) volume of water released;</p> <p>d) details regarding the compliance of the release with the conditions of Department Interest; Water of this environmental authority (i.e. contaminant limits, natural flow, discharge volume);</p> <p>e) all in-situ water quality monitoring results; and</p> <p>f) any other matters pertinent to the water release event.</p> <p>NOTE: Successive or intermittent releases occurring within 24 hours of the cessation of any individual release can be considered part of a single release event and do not require individual notification for the purpose of compliance with Conditions C10 and C11, provided the relevant details of the release are included within the notification provided in accordance with Conditions C10 and C11.</p>	<p>The environmental authority holder must notify the administering authority as soon as practicable and nominally no later than 24 hours after cessation of a release event of the cessation of a release notified under Condition C10 and within 28 days provide the following information in writing:</p> <p>a) release cessation date/time;</p> <p>b) natural flow rate in receiving water;</p> <p>c) volume of water released;</p> <p>d) details regarding the compliance of the release with the conditions of Department Interest; Water of this environmental authority (i.e. contaminant limits, natural flow, discharge volume);</p> <p>e) all in-situ water quality monitoring results; and</p> <p>f) any other matters pertinent to the water release event.</p> <p>NOTE: Successive or intermittent releases occurring within 24 hours of the cessation of any individual release can be considered part of a single release event and do not require individual notification for the purpose of compliance with Conditions C10 and C11, provided the relevant details of the release are included within the notification provided in accordance with Conditions C10 and C11.</p>	<p>Condition as per approved draft EA, dated 28 August 2015.</p>

Id #	Original draft EA condition	Final EA condition	Justification
C12	If the release limits defined in Table C2: Mine-affected water release limits are exceeded, the holder of the environmental authority must notify the administering authority within 24 hours of receiving the results.	If the release limits defined in Table C2: Mine-affected water release limits are exceeded, the holder of the environmental authority must notify the administering authority within 24 hours of receiving the results.	Condition as per approved draft EA, dated 28 August 2015.
C13	The environmental authority holder must, within 28 days of a release that is not compliant with the conditions of this environmental authority, provide a report to the administering authority detailing: a) the reason for the release; b) the location of the release; c) the total volume of the release and which (if any) part of this volume was non-compliant; d) the total duration of the release and which (if any) part of this period was non-compliant; e) all water quality monitoring results (including all laboratory analyses); f) identification of any environmental harm as a result of the non-compliance; g) all calculations; and h) any other matters pertinent to the water release event.	The environmental authority holder must, within 28 days of a release that is not compliant with the conditions of this environmental authority, provide a report to the administering authority detailing: a) the reason for the release; b) the location of the release; c) the total volume of the release and which (if any) part of this volume was non-compliant; d) the total duration of the release and which (if any) part of this period was non-compliant; e) all water quality monitoring results (including all laboratory analyses); f) identification of any environmental harm as a result of the non-compliance; g) all calculations; and h) any other matters pertinent to the water release event.	Condition as per approved draft EA, dated 28 August 2015.
C14	Receiving Environment Monitoring and Contaminant Trigger Levels The quality of the receiving waters must be monitored at the locations specified in Table C5: Receiving water upstream background sites and downstream monitoring points for each quality characteristic and at the monitoring frequency stated in Table C4: Receiving waters contaminant trigger levels.	Receiving Environment Monitoring and Contaminant Trigger Levels The quality of the receiving waters must be monitored at the locations specified in Table C5: Receiving waters upstream background sites and downstream monitoring points for each quality characteristic and at the monitoring frequency stated in Table C4: Receiving waters contaminant trigger levels.	Condition as per approved draft EA, dated 28 August 2015.
C15	If quality characteristics of the receiving water at the downstream monitoring points exceed any of the	If quality characteristics of the receiving water at the downstream monitoring points exceed any of the	Original Condition C15 has been amended in reflection of

Id #	Original draft EA condition	Final EA condition	Justification
	<p>trigger levels specified in Table C4: Receiving waters contaminant trigger levels during a release event the environmental authority holder must compare the downstream results to the upstream results in the receiving waters and:</p> <p>a) where the downstream result is the same or a lower value than the upstream value for the quality characteristic then no additional monitoring and reporting action is required; or</p> <p>b) where the downstream results exceed the upstream results complete an investigation into the potential for environmental harm and provide a written report to the administering authority in the next annual return, outlining:</p> <p>(1) details of the investigations carried out;</p> <p>(2) actions taken to prevent environmental harm.</p> <p>NOTE: Where an exceedance of a trigger level has occurred and is being investigated, in accordance with (b) of this condition, no further reporting is required for subsequent trigger events for that quality characteristic.</p>	<p>trigger levels specified in Table C4: Receiving waters contaminant trigger levels during a release event the environmental authority holder must compare the downstream results to the upstream results in the receiving waters and:</p> <p>a) where the downstream result is the same or a lower value than the upstream value for the quality characteristic then no additional monitoring and reporting action is required; or</p> <p>b) where the downstream results exceed the upstream results complete an investigation into the potential for environmental harm and provide a written report to the administering authority in the next annual return, outlining:</p> <p>(1) details of the investigations carried out;</p> <p>(2) actions taken to prevent environmental harm.</p> <p>NOTE: Where an exceedance of a trigger level has occurred and is being investigated, in accordance with (b) of this condition, no further reporting is required for subsequent trigger events for that quality characteristics.</p>	<p>recommendations of the Land Court, as made in QLC 17-024 and QLC 19-041, including:</p> <ul style="list-style-type: none"> Condition C15 was amended to include "provide a written report within 90 days of receiving results" in accordance with QLC 17-024[1729].
C16	All determinations of water quality and biological monitoring must be performed by an appropriately qualified person.	All determinations of water quality and biological monitoring must be performed by an appropriately qualified person.	Condition as per approved draft EA, dated 28 August 2015.
C17	<p>Annual water monitoring reporting</p> <p>The following information must be recorded in relation to all water monitoring required under the conditions of this environmental authority and submitted to the administering authority in the specified format:</p> <p>a) the date on which the sample was taken;</p> <p>b) the time at which the sample was taken;</p> <p>c) the monitoring point at which the sample was taken;</p>	<p>Annual water monitoring reporting</p> <p>The following information must be recorded in relation to all water monitoring required under the conditions of this environmental authority and submitted to the administering authority in the specific format:</p> <p>a) the date on which the sample was taken;</p> <p>b) the time at which the sample was taken;</p> <p>c) the monitoring point at which the sample was</p>	Condition as per approved draft EA, dated 28 August 2015.

Id #	Original draft EA condition	Final EA condition	Justification
	<ul style="list-style-type: none"> d) the measured or estimated daily quantity of mine affected water released from all release points; e) the release flow rate at the time of sampling for each release point; f) the results of all monitoring and details of any exceedances of the conditions of this environmental authority; g) water quality monitoring data must be provided to the administering authority in the specified electronic format upon request; and h) water level monitoring data must be provided in the specified electronic format upon request. 	<ul style="list-style-type: none"> taken; d) the measured or estimated daily quantity of mine affected water released from all release points; e) the release flow rate at the time of sampling for each release point; f) the results of all monitoring and details of any exceedances of the conditions of this environmental authority; g) water quality monitoring data must be provided to the administering authority in the specified electronic format upon request; and h) water level monitoring data must be provided in the specified electronic format upon request. 	
C18	<p>Stormwater and water sediment controls</p> <p>An Erosion and Sediment Control Plan must be developed by an appropriately qualified person and implemented for all stages of the mining activities on the site to minimise erosion and the release of sediment to receiving waters and contamination of stormwater.</p>	<p>Stormwater and water sediment controls</p> <p>An Erosion and Sediment Control Plan must be developed by an appropriately qualified person and implemented for all stages of the mining activities on the site to minimise erosion and the release of sediment to receiving waters and contamination of stormwater.</p>	Condition as per approved draft EA, dated 28 August 2015.
C19	<p>Stormwater, other than mine affected water, is permitted to be released to waters from:</p> <ul style="list-style-type: none"> a) Erosion and sediment control structures that are installed and operated in accordance with the Erosion and Sediment Control Plan required by Condition C18; and b) Water management infrastructure that is installed and operated, in accordance with a Water Management Plan that complies with Condition C20 for the purpose of ensuring water does not become mine affected water. 	<p>Stormwater, other than mine affected water, is permitted to be release to waters from:</p> <ul style="list-style-type: none"> a) Erosion and sediment control structures that are installed and operated in accordance with the Erosion and Sediment Control Plan required by Condition C18; and b) Water management infrastructure that is installed and operated, in accordance with a Water Management Plan that complies with Condition C20 for the purpose of ensuring water does not become mine affected water 	Condition as per approved draft EA, dated 28 August 2015.

Id #	Original draft EA condition	Final EA condition	Justification
C20	<p>Water Resource Management Plan</p> <p>A Water Resource Management Plan must be developed by an appropriately qualified person and implemented.</p>	<p>Water Management Plan</p> <p>A Water Management Plan must be developed by an appropriately qualified person and implemented for all stages of mining. The Water Resource Management Plan must be submitted to the administering authority for review and comment within 3 months upon the grant of ML50232 and ML700002.</p>	<p>Condition F18 of the CG Imposed Conditions states "Water Management Plan"</p> <p>A Water Resource Management Plan must be developed by an appropriately qualified person and implemented".</p> <p>The word "Resource" was deemed superfluous and removed in order to be consistent to the following related conditions.</p> <p>The department has included a submission timeframe to provide the department with the opportunity to review and make comment on the Water Management Plan.</p> <p>The department considers the condition to be consistent with the CG's stated condition.</p>
C21	<p>The Water Management Plan must identify methods to:</p> <ul style="list-style-type: none"> a) identify the environmental values of the receiving waters including Lagoon and Spring Creek and water quality objectives and how they will be protected; b) incorporate a risk management approach to how changing levels of flood, drought and water quality risks should be addressed; c) manage stormwater discharge; d) develop and implement a system for emergency spills or discharges including procedures to minimise extent and duration of release, staff training, investigation and reporting procedures; 	<p>The Water Management Plan must identify methods to:</p> <ul style="list-style-type: none"> a) Identify the environmental values of the receiving waters including Lagoon and Spring Creek and water quality objectives and how they will be protected; b) Incorporate a risk management approach to how changing levels of flood, drought and water quality risks should be addressed; c) Manages stormwater discharge; d) Develop and implement a system for emergency spills or discharge including procedures to minimise extent and duration of release, staff training, investigation and 	<p>Condition as per approved draft EA, dated 28 August 2015.</p>

Id #	Original draft EA condition	Final EA condition	Justification
	e) manage the environmental impacts of any release of wastewater to the environment so that any impacts are minimised including restricting any discharge to waters to occasions where there is flow in receiving waters to provide considerable dilution; f) separate clean water from undisturbed areas and water from disturbed areas; g) manage site water quality and quantity during the (3) phases of mining: development, operation and decommissioning and include a site water balance including groundwater generated through mine dewatering; h) safeguard against the potential for soil erosion and acid drainage; and i) provide details of operational monitoring and monitoring of hydrological processes including associated performance indicators.	reporting procedures; e) Manage the environmental impacts of any release of wastewater to the environment so that any impacts are minimised including restricting any discharge to waters to occasions where there is flow in receiving waters to provide considerable dilution; f) Separate clean water from undisturbed areas and water from disturbed areas; g) Manage site water quality and quantity during the three (3) phases of mining: development, operations and decommissioning and include a site water balance including groundwater generated through mine dewatering; h) Safeguard against the potential for soil erosion and acid drainage; and, i) Provide details of operational monitoring and monitoring of hydrological processes including associated performance indicators.	
C22	The holder of this environmental authority must submit to the administering authority a draft of the Water Management Plan within six months of the date the environmental authority takes effect for comment prior to implementation of the plan.	Within twenty (20) business days of receiving comments from the administering authority the Water Management Plan, as required by Condition C20 , must be updated by a suitably qualified and experienced person having regard to the comments, and submitted to the administering authority.	Original condition C22 has been replaced by Final Condition C22, requiring the EA holder to consider and implement the department's comments in the Water Management Plan. The department considers this new condition to be necessary and desirable, and consistent with the CG stated conditions.
C23	A copy of the Water Management Plan and any subsequent amendment of the Water Management Plan must be kept at the place to which this environmentally relevant activity relates and be available for examination by Emergency Services Personnel or an authorised person on request.	A copy of the Water Management Plan and subsequent amendment of the Water Management Plan must be kept at the place to which this environmentally relevant activity relates and be available for examination by Emergency Service Personnel or an authorised person on request.	Condition as per approved draft EA, dated 28 August 2015.
C24	If quality characteristics of the release exceed any of	If an exceedance in accordance with Condition	Original Condition C15 has been

Id #	Original draft EA condition	Final EA condition	Justification
	<p>the trigger levels specified in Table C4 – Receiving waters contaminant trigger levels, potential contaminants during a release event, the environmental authority holder must compare the downstream results in the receiving waters to the trigger values specified in Table C4 – Receiving waters contaminant trigger levels, potential contaminants and:</p> <p>a) where the trigger values are not exceeded then no action is to be taken; or</p> <p>b) where the downstream results exceed the trigger values specified in Table C4 – Receiving waters contaminant trigger levels, potential contaminants for any quality characteristic, compare the results of the downstream site to the data from background monitoring sites and</p> <p>(1) if the result is less than the background monitoring site data, then no action is to be taken; or</p> <p>(2) if the result is greater than the background monitoring site data, complete an investigation into the potential for environmental harm and provide a written report to the administering authority within 90 days of receiving the result, outlining</p> <p>I. details of the investigations carried out;</p> <p>II. actions taken to prevent environmental harm.</p> <p>NOTE: Where an exceedance of a trigger level has occurred and is being investigated, in accordance with</p>	<p>C15(b) is identified, the holder of the environmental authority must notify the administering authority in writing within 24 hours of receiving the results.</p>	<p>amended in reflection of recommendations of the Land Court, as made in QLC 17-024 and QLC 19-041, including:</p> <ul style="list-style-type: none"> • Original Condition C24 was deleted in accordance with QLC 17-024[1729]; • Due to the deletion of Original Condition C24, Original Condition C25 has become Final Condition C24. • Final Condition C24 (Original Conditions C25) has been amended to reference Condition C15(b) instead of Condition C24(b) in accordance with QLC 17-024[1729].

Id #	Original draft EA condition	Final EA condition	Justification
	C24 b (2) of this condition, no further reporting is required for subsequent trigger events for that quality characteristic.		
C25	If an exceedance in accordance with Condition C24b)(2) is identified, the holder of the environmental authority must notify the administering authority in writing within 24 hours of receiving the result.		Due to the deletion of Original Condition C24, Original Condition C25 has become Final Condition C24.
Table C1			Condition as per approved draft EA, dated 28 August 2015.
Table C2			Condition as per approved draft EA, dated 28 August 2015.
Table C3			Condition as per approved draft EA, dated 28 August 2015.
Table C4			Condition as per approved draft EA, dated 28 August 2015.
Table C5			Condition as per approved draft EA, dated 28 August 2015.
Agency interest: Groundwater			
D1	Contaminant release The holder of this environmental authority must not release contaminants to groundwater.	Contaminant release The holder of this environmental authority must not release contaminants to groundwater.	Condition as per approved draft EA, dated 28 August 2015.
D2	All determinations of groundwater quality and biological monitoring must be performed by an appropriately qualified person.	All determinations of groundwater quality and biological monitoring must be performed by an appropriately qualified person.	Condition as per approved draft EA, dated 28 August 2015.
D3	Groundwater quality and levels must be monitored at the locations and frequencies defined in Table D1 - Groundwater monitoring locations and frequency for quality characteristics identified in Table D2 - Groundwater quality triggers and limits .	Groundwater quality and levels must be monitored at the locations and frequencies defined in Table D1 - Groundwater monitoring locations and frequency for quality characteristics identified in Table D2 - Groundwater quality triggers and limits .	Condition as per approved draft EA, dated 28 August 2015.

Id #	Original draft EA condition	Final EA condition	Justification
D4	Groundwater levels when measured at the monitoring locations specified in Table D1 - Groundwater monitoring locations and frequency must not exceed the groundwater level trigger change thresholds specified in Table D3 - Groundwater level monitoring below.	Groundwater levels when measured at the monitoring locations specified in Table D1 - Groundwater monitoring locations and frequency must not exceed the groundwater level trigger change thresholds specified in Table D3 - Groundwater level monitoring below.	Condition as per approved draft EA, dated 28 August 2015.
D5	Exceedance investigation If quality characteristics of groundwater from compliance bores identified in Table D1 - Groundwater monitoring locations and frequency exceed any of the trigger levels stated in Table D2 - Groundwater quality triggers and limits or exceed any of the groundwater level trigger threshold stated in Table D3 - Groundwater level monitoring , the holder of this environmental authority must compare the compliance monitoring bore results to the reference bore results and complete an investigation in accordance with the ANZECC and ARMCANZ 2000.	Exceedance investigation If quality characteristics of groundwater from compliance bores identified in Table D1 - Groundwater monitoring locations and frequency exceed any of the trigger levels stated in Table D2 - Groundwater quality triggers and limits or exceed any of the groundwater level trigger threshold stated in Table D3 - Groundwater level monitoring , the holder of this environmental authority must compare the compliance monitoring bore results to the reference bore results and complete an investigation in accordance with the ANZECC and ARMCANZ 2000.	Condition as per approved draft EA, dated 28 August 2015.
D6	Results of monitoring of groundwater from compliance bores identified in Table D1 - Groundwater monitoring locations and frequency must not exceed any of the limits defined in Table D2 - Groundwater quality triggers and limits .	Results of monitoring of groundwater from compliance bores identified in Table D1 - Groundwater monitoring locations and frequency must not exceed any of the limits defined in Table D2 - Groundwater quality triggers and limits .	Condition as per approved draft EA, dated 28 August 2015.
D7	Bore construction and maintenance and decommissioning The construction, maintenance and management of groundwater bores (including groundwater monitoring bores) must be undertaken in a manner that prevents or minimises impacts to the environment and ensures the integrity of the bores to obtain accurate monitoring.	Bore construction and maintenance and decommissioning The construction, maintenance and management of groundwater bores (including groundwater monitoring bores) must be undertaken in a manner that prevents or minimises impacts to the environment and ensures the integrity of the bores	Condition as per approved draft EA, dated 28 August 2015.

Id #	Original draft EA condition	Final EA condition	Justification
		to obtain accurate monitoring.	
D8	<p>Groundwater management and monitoring program</p> <p>The approved Groundwater Management and Monitoring Program required by Imposed Condition 10, in Appendix 1, of the CG's report must be provided, to the administering authority, within 20 business days of it being approved.</p>	<p>Groundwater management and monitoring program</p> <p>The approved Groundwater Management and Monitoring Program required by Imposed Condition 10, in Appendix 1, of the CG's report must be provided, to the administering authority, within 20 business days of it being approved.</p>	Condition as per approved draft EA, dated 28 August 2015.
D9	<p>In addition to the requirements of Imposed Condition 10 in Appendix 1 of the CG's report, a plan must be developed and certified by an appropriately qualified person to meet the following objectives:</p> <ul style="list-style-type: none"> a) identification of groundwater drawdown level thresholds for monitoring the impacts to Groundwater Dependant Ecosystems; and b) collection and analysis of data that identifies natural groundwater level trends for identification of water level impact to authorised water users from the mining operation as required by Schedule 3, recommended Condition 1 in Appendix 3 of the CG's report. <p>The plan must be provided to the administering authority in conjunction with submission of the approved program in Condition D8.</p>	<p>In addition to the requirements of Imposed Condition 10 in Appendix 1 of the CG's report, a plan must be developed and certified by an appropriately qualified person to meet the following objectives:</p> <ul style="list-style-type: none"> a) identification of groundwater drawdown level thresholds for monitoring the impacts to Groundwater Dependant Ecosystems; and b) collection and analysis of data that identifies natural groundwater level trends for identification of water level impact to authorised water users from the mining operation as required by Schedule 3, recommended Condition 1 in Appendix 3 of the CG's report. <p>The plan must be provided to the administering authority in conjunction with submission of the approved program in Condition D8.</p>	Condition as per approved draft EA, dated 28 August 2015.
D10	<p>Monitoring Program Review</p> <p>The environmental authority holder must provide the approved report required by Imposed Condition 11, in Appendix 1, of the CG's report, to the administering</p>	<p>Monitoring Program Review</p> <p>The environmental authority holder must provide the approved report required by Imposed Condition 11, in Appendix 1, of the CG's report, to the</p>	Condition as per approved draft EA, dated 28 August 2015.

Id #	Original draft EA condition	Final EA condition	Justification
	authority, within 20 business days of it being approved.	administering authority, within 20 business days of the report being approved.	
D11	The plan required under Condition D9 must be reviewed by an appropriately qualified person in accordance with the requirements of Imposed Condition 11 in Appendix 1 of the CG's report, and be provided to the administering authority in conjunction with the submission of the approved report in Condition D10 .	The plan required under Condition D9 must be reviewed by an appropriately qualified person in accordance with the requirements of Imposed Condition 11 in Appendix 1 of the CG's report, and be provided to the administering authority in conjunction with the submission of the approved report in Condition D10 .	Condition as per approved draft EA, dated 28 August 2015.
D12	Groundwater model review The environmental authority holder must provide the approved report required by Imposed Condition 12, in Appendix 1, of the CG's report, to the administering authority, within 20 business days of it being approved.	Groundwater model review The environmental authority holder must provide the approved report required by Imposed Condition 12, in Appendix 1, of the CG's report, to the administering authority, within 20 business days of it being approved.	Condition as per approved draft EA, dated 28 August 2015.
D13	General requirements – Oakey Creek Alluvial aquifer As a component of the 2nd and subsequent reviews of the New Acland Coal numerical groundwater model the environmental authority holder must provide an approved (<i>under Water Act 2000</i>) report outlining the impact on the Oakey Creek Alluvial aquifer, to the administering authority. The report should: a) Establish any identified impact associated with mining activities, if any, on the Oakey Creek Alluvial aquifer; b) Include an assessment of natural and potential pumping based water level variation caused by non-mining authorised users, in the Oakey Creek Alluvial aquifer; c) Outline any requirements for additional modelling or monitoring required;	General requirements – Oakey Creek Alluvial aquifer As a component of the second and subsequent reviews of the New Acland Coal numerical groundwater model the environmental authority holder must provide an approved (<i>under the Water Act 2000</i>) report outlining the impact on the Oakey Creek Alluvial aquifer, to the administering authority. The report should: a) Establish any identified impact associated with mining activities, if any, on the Oakey Creek Alluvial aquifer; b) Include an assessment of natural and potential pumping based water level variation caused by non-mining authorised users, in the Oakey Creek Alluvial aquifer; c) Outline any requirements for additional	Original Condition D13 has been amended from "As a component of the 2 nd and subsequent reviews" to state "As a component of the second and subsequent reviews". This amendment does not alter the intent of the condition.

Id #	Original draft EA condition	Final EA condition	Justification
	<p>d) If the investigation under Condition D13 a) concludes that there is an identified impact on the Oakey Creek Alluvial aquifer as a result of mining activities, the environmental authority holder must determine the volumetric impact associated with the identified impact; and</p> <p>e) If the impact is determined to be the result of mining activities, the environmental authority may be required to construct additional monitoring bores. Additional monitoring bores are to be incorporated in the Groundwater Monitoring and Management Plan required by Condition D8.</p>	<p>modelling or monitoring required;</p> <p>d) If the investigation under Condition D13 (a) concludes that there is an identified impact on the Oakey Creek Alluvial aquifer as a result of mining activities, the environmental authority holder must determine the volumetric impact associated with the identified impact; and</p> <p>e) If the impact is determined to be the result of mining activities, the environmental authority may be required to construct additional monitoring bores. Additional monitoring bores are to be incorporated in the Groundwater Monitoring and Management Plan required by Condition D8.</p>	
D14	<p>Main Range Volcanics aquifer</p> <p>The environmental authority holder must determine the long term impact of the take of water from the Main Range Volcanics aquifer and incorporate this into the 2nd review of the New Acland Coal numerical groundwater model pursuant to Conditions D8 – D12.</p>	<p>Main Range Volcanics aquifer</p> <p>The environmental authority holder must determine the long term impact of the take of water from the Main Range Volcanics aquifer and incorporate this into the second review of the New Acland Coal numerical groundwater model pursuant to Conditions D8 – D12.</p>	<p>Condition as per approved draft EA, dated 28 August 2015.</p>
D15	<p>A groundwater monitoring network must be maintained. The network must:</p> <p>a) be installed and maintained by a person possessing appropriate qualifications and experience in the fields of hydrogeology and groundwater monitoring program design to be able to competently make recommendations about these matters;</p> <p>b) be constructed in accordance with methods</p>	<p>A groundwater monitoring network must be maintained. The network must:</p> <p>a) Be installed and maintained by a person possessing appropriate qualifications and experience in the fields of hydrogeology and groundwater monitoring program design to be able to competently make recommendations about these matters;</p> <p>b) Be constructed in accordance with methods</p>	<p>Condition as per approved draft EA, dated 28 August 2015.</p>

Id #	Original draft EA condition	Final EA condition	Justification
	<p>prescribed in either the latest edition of the Agriculture and Resource Management Council of Australia and New Zealand manual titled 'Minimum Construction Requirements for Water Bores in Australia' or the 'Minimum standards for the construction and reconditioning of water bores that intersect the sediments of artesian basins in Queensland', whichever applies; and</p> <p>c) include a sufficient number of 'bores of compliance' that are located at an appropriate distance from potential sources of impact from mining activities and provides the following:</p> <ul style="list-style-type: none"> i. representative groundwater samples from the uppermost aquifer; and ii. background water quality in hydraulically up-gradient or background bore(s) that have not been affected by any mining activities to groundwater's; and iii. the quality of groundwater downgradient of any potential source of contamination including groundwater passing the relevant bore(s) of compliance. 	<p>prescribed in either the latest edition of the Agriculture and Resource Management Council of Australia and New Zealand manual titled 'Minimum Construction Requirements for Water Bores in Australia' or the 'Minimum standards for the construction and reconditioning of water bores that intersect the sediments of the artesian basins in Queensland', whichever applied; and,</p> <p>c) Include a sufficient number of 'bores of compliance' that are located at an appropriate distance from potential sources of impacts from mining activities and provides the following:</p> <ul style="list-style-type: none"> (1) Representative groundwater samples from the uppermost aquifer; and, (2) Background water quality in hydraulically up-gradient or background bore(s) that have not been affected by any mining activities to groundwater's; and, (3) The quality of groundwater downgradient of any potential source of contamination including groundwater passing the relevant bore(s) of compliance. 	
Table D1			Table D3 amended to include 6 groundwater monitoring bores previously

Id #	Original draft EA condition	Final EA condition	Justification
			approved as per EA EPML00335713 dated 4 May 2018.
Table D2			Condition as per approved draft EA, dated 28 August 2015.
Table D3			Table D3 amended to include 6 groundwater monitoring bores previously approved as per EA EPML00335713 dated 4 May 2018.
Agency interest: Waste Management			
E1	Unless otherwise permitted by the conditions of this environmental authority or with prior approval from the administering authority and in accordance with a relevant standard operating procedure, waste must not be burnt.	Unless otherwise permitted by the conditions of this environmental authority or with prior approval from the administering authority and in accordance with a relevant standard operating procedure, was must not be burnt.	Condition as per approved draft EA, dated 28 August 2015.
E2	The holder of this environmental authority may burn vegetation cleared in the course of carrying out extraction activities provided the activity does not cause environmental harm at any sensitive place or commercial place.	The holder of the environmental authority may burn vegetation cleared in the course of carrying out extraction activities provided the activity does not cause environmental harm at any sensitive place or commercial place.	Condition as per approved draft EA, dated 28 August 2015.
E3	The holder of this environmental authority may dispose of inert waste (packing material) associated with blasting into open pits, buried in such a manner that it will not impede saturated aquifers.	The holder of this environmental authority must dispose of inert waste (packing material) associated with blasting into open pits, buried in such a manner that it will not impede saturated aquifers.	Condition as per approved draft EA, dated 28 August 2015.
E4	Storage of tyres Tyres stored awaiting disposal or transport for take-back and, recycling, or waste-to-energy options - should be stockpiled in volumes less than 3m in height and 200m ² in area and at least 10m from any other tyre storage area.	Storage of tyres Tyres stored awaiting disposal or transportation for take-back and, recycling, or waste-to-energy options – should be stockpiled in volumes less than 3m in height and 200m ³ in area and at least 10m from any other tyre storage area.	Condition as per approved draft EA, dated 28 August 2015.
E5	Scrap tyres resulting from the mining activities disposed within the operational land must not impede	Disposal of tyres	Original Condition E5 was deleted as it was a duplication of Condition E7.

Id #	Original draft EA condition	Final EA condition	Justification
	saturated aquifers or compromise the stability of the consolidated landform.	Scrap tyres resulting from the mining activities can be disposed of into open pits provided tyres are placed as deeply in the spoil as reasonably possible and tis practice does not cause an unacceptable fire risk or compromise mine safety.	Due to the deletion of Original Condition E5, Original Condition E6 has become Final Condition E5.
E6	Disposal of tyres Scrap tyres resulting from the mining activities can be disposed of into open pits provided tyres are placed as deeply in the spoil as reasonably possible and this practice does not cause an unacceptable fire risk or compromise mine safety.	Scrap tyres resulting from the mining activities disposed within the operational land must not impede saturated aquifers or compromise the stability of the consolidated landform.	Due to the deletion of Original Condition E5, Original Condition E7 has become Final Condition E6.
E7	Scrap tyres resulting from the mining activities disposed within the operational land must not impede saturated aquifers or compromise the stability of the consolidated landform.	Tailings disposal Tailings must be managed in accordance with procedures contained within the current plan of operations. These procedures must include provisions for: <ul style="list-style-type: none"> a) Containment of tailings; b) The management of seepage and leachates both during operations and the foreseeable future; c) The control of fugitive emissions to air; d) Maintaining records of the relative locations of any other waste stored within the tailings; e) Rehabilitation strategy; and, f) Monitoring of rehabilitation, research and/or trails to verify the requirements and methods for decommissioning and final rehabilitation of tailings, including the 	Due to the deletion of Original Condition E5, Original Condition E8 has become Final Condition E7.

Id #	Original draft EA condition	Final EA condition	Justification
		prevention and management of acid mine drainage, erosion minimisation and establishment of vegetation cover.	
E8	Tailings disposal Tailings must be managed in accordance with procedures contained within the current plan of operations. These procedures must include provisions for: <ul style="list-style-type: none"> a) containment of tailings; b) the management of seepage and leachates both during operation and the foreseeable future; c) the control of fugitive emissions to air; d) maintaining records of the relative locations of any other waste stored within the tailings; e) rehabilitation strategy; and f) monitoring of rehabilitation, research and/or trials to verify the requirements and methods for decommissioning and final rehabilitation of tailings, including the prevention and management of acid mine drainage, erosion minimisation and establishment of vegetation cover. 	Green waste storage The waste management hierarchy must be considered in the management of green waste.	Due to the deletion of Original Condition E5, Original Condition E9 has become Final Condition E8.
E9	Green waste storage The waste management hierarchy must be considered in the management of green waste.		Due to the deletion of Original Condition E5, Original Condition E9 has become Final Condition E8.

Id #	Original draft EA condition	Final EA condition	Justification
Agency Interest: Noise			
F1	Noise limits The holder of this environmental authority must ensure that noise generated by the mining activities does not cause the criteria in Table F1a – Noise limits (existing operations) and Table F1b – Noise limits (operations) to be exceeded at a sensitive place or commercial place.	Noise limits The holder of this environmental authority must ensure that noise generated by the mining activities does not cause the criteria in Table F1 – Noise limits to be exceeded at a noise sensitive place or commercial place.	Original Condition F1 has been admended in accordance with Land Court recommendation QLC17-024[802] , QLC 18-041 Orders and the CG change report, dated 12 February 2019.
F2	Noise limits in Table F1a – Noise limits (existing operations) only apply until the commencement of mining activities (removal of overburden) for the Manning Vale East Pit, the Manning Vale West Pit or the Willeroo Pit as shown on Figure 1 – Revised Project Overview – Mine Area.	If monitoring indicates the potential for exceedance of the relevant limits in Table F1 – Noise Limits then the environmental authority holder must immediately implement noise abatement measures to avoid exceeding the relevant limits.	Original Condition F2 has been deleted in accordance with Land Court recommendation QLC-024[803] and the CG change report, dated 12 February 2019. Due to the deletion of Original Condition F2, Original Condition F3 has become Final condition F2. Final condition F2 has been amended to remove reference to original Table F1b – Noise Limits in accordance with the CG change report, dated 12 February 2019.
F3	If monitoring indicates the potential for exceedance of the relevant limits in Table F1a – Noise Limits (existing operations) and Table F1b – Noise Limits then the environmental authority holder must immediately implement noise abatement measures to avoid exceeding the relevant limits.	Notwithstanding any other condition of this environmental authority, noise from the activity must not cause an environmental nuisance, at any noise sensitive place.	Due to the deletion of Original Condition F2, Original Condition F3 has become Final condition F2 and original Condition F7 has become Final condition F3.
F4	Airblast overpressure nuisance The holder of this environmental authority must ensure that blasting does not cause the limits for peak particle velocity and air blast overpressure in Table F2 –	Monitoring and reporting A Noise Monitoring Program must be developed by a suitably qualified and experienced person in relation to noise and implemented for all stages of	Due to the deletion of Original Condition F2 and for clarity and continuity, Original Condition F5 has become Final condition F4. Furthermore, original Condition F5 has been split into 2 conditions, Final

Id #	Original draft EA condition	Final EA condition	Justification
	<p>Blasting noise limits to be exceeded at a sensitive place or commercial place.</p>	<p>mining to monitor compliance with Table F1 - Noise limits. The Noise Monitoring Program must be submitted to the administering authority for approval within 3 months upon grant of ML50232 and ML700002. The Noise Monitoring Program must be implemented within 3 months of the administering authority approving the program.</p>	<p>condition F4 and Final Condition F5 to clarify the requirements of the Noise Monitoring Program.</p> <p>Final condition F4 has been amended on reflection of recommendations of the Land Court, as made in QLC 17-024 and QLC 19-041, to include:</p> <ul style="list-style-type: none"> the requirement for a suitably qualified and experienced person to develop the Noise Monitoring Program; the requirement to implement the Noise Monitoring Program to be implemented for all stages of mining; the requirement for the EA holder to submit the Noise Monitoring Program to the administering authority for approval within 3 months upon the grant of ML50232 and ML700002, and implemented within 3 months of approval in accordance with QLC18-041[129].
F5	<p>Monitoring and reporting</p> <p>Noise monitoring and recording must include the following descriptor characteristics and matters:</p> <ol style="list-style-type: none"> LAN,T (where N equals the statistical levels of 1, 10 and 90 and T = 15 15 to 60 mins); background noise LA90; the level and frequency of occurrence of impulsive or tonal noise and any adjustment and penalties to statistical levels; 	<p>Noise monitoring and recording must include the following descriptor characteristics and matters:</p> <ol style="list-style-type: none"> LA01, adj, 15 min - day, evening & night; LA10, adj, 15 min - day, evening & night; LAeq, adj, 15 min - day, evening & night; and LA90, adj, 15 min - day, evening & night; background noise LA90; the level and frequency of occurrence of 	<p>Original Condition F5 has been split into 2 conditions, Final condition F4 and Final Condition F5 to clarify the requirements of the Noise Monitoring Program.</p> <p>Final condition F5 has been amended in reflection of recommendations of the Land Court, as made in QLC 17-024 and QLC 19-041, to include:</p> <ul style="list-style-type: none"> maximum (L_{Amax}) noise levels -

Id #	Original draft EA condition	Final EA condition	Justification
	d) atmospheric conditions including temperature, relative humidity and wind speed and directions; e) effects due to any extraneous factors such as traffic noise; f) location, date and time of monitoring; and g) if the complaint concerns low frequency noise, Max LpLIN,T and one third octave band measurements in dB(LIN) for centre frequencies in the 10 – 200 Hz range.	impulsive or tonal noise and any adjustment and penalties to statistical levels; d) atmospheric conditions including temperature, relative humidity and wind speed and directions; e) effects due to any extraneous factors such as traffic noise and natural sources (e.g. insects, birds and wind); f) location, date and time of monitoring; g) if the complaint concerns low frequency noise, LLINeq 10 mins (internal), LAeq 10 mins (internal) and one third octave band measurements in LLINeq 10 mins (internal) for centre frequencies in the 10 – 200 Hz range; h) maximum (LAmax) noise levels - night (for a minimum of 30 minutes); and i) 1/3 octave band spectrums.	night (for a minimum of 30 minutes) in accordance with QLC18-041[131] ; <ul style="list-style-type: none"> 1/3 octave band spectrums in accordance with QLC18-041[131]; and, Final condition F5(a) was amended to include additional monitoring requirements in QLC18-041[131]. The department considers that these amendments do not change the intent of the condition and the condition remains consistent with the CG stated conditions.
F6	The holder of this environmental authority must develop and implement a blast monitoring program to monitor compliance with Table F2 – Blasting noise limits for: a) At least 90% of all blasts undertaken on this site in each year at the nearest sensitive place or commercial place to the centroid of the blast; and b) All blasts conducted during any time period specified by the administering authority at the nearest sensitive place or commercial place.	The Noise Monitoring Program must also include a system of real time performance monitoring against the criteria in Table F1 - Noise limits at: a) location in Acland to be identified in the Noise Monitoring Program; b) location to the east of the New Acland mine to be identified in the Noise Monitoring Program; c) location to the north of the New Acland mine to be identified in the Noise Monitoring Program; and d) location to the west of the New Acland mine to be identified in the Noise Monitoring Program.	Due to the deletion of Original Condition F2 and for clarity and continuity, Original Condition F6 has been moved to become Final condition F13. New Condition - Final condition F6 has been included in the final EA in accordance with Land Court recommendation QLC18-041[125] .

Id #	Original draft EA condition	Final EA condition	Justification
		NOTE: The performance monitoring required under this condition is to be used for performance management rather than monitoring for compliance with Table F1 - Noise limits .	
F7	Notwithstanding any other condition of this environmental authority, noise from the activity must not cause an environmental nuisance, at any sensitive place.	The environmental authority holder must make all noise quality monitoring data publically available in accordance with Condition A14 of receiving the results. All real-time performance monitoring parameters required by Condition F6 must be made publically available, online and in real-time.	Due to the deletion of Original Condition F2 and for clarity and continuity, Original Condition F7 has become Final condition F3. New Condition - Final Condition F7 has been included in the final EA in accordance with Land Court recommendation QLC17-024[809] .
F8		Noise management A Noise and Vibration Management Plan must be developed by a suitably qualified and experienced person and be implemented for all stages of mining within 3 months upon the grant of ML50232 and ML700002 .	New Condition – Final Condition F8 has been included in the final EA in accordance with Land Court recommendation QLC17-024[129] .
F9		The Noise and Vibration Management Plan must incorporate a program for continuous improvements for the management of noise emissions caused by mining operations and must include, but is not limited to: a) a detailed description of the noise management system; b) a description of the noise mitigation measures that would be implemented to ensure best practice noise management is being employed, is regularly benchmarked against contemporary industry standards and is regularly reviewed to	New Condition – Final Condition F9 has been included in the final EA in accordance with Land Court recommendation QLC17-024[129] and QLC18-041[125] .

Id #	Original draft EA condition	Final EA condition	Justification
		<p>ensure continual improvement;</p> <p>c) the Noise Monitoring Program described in Condition F4 and Table F2 - Compliance noise monitoring location and frequency;</p> <p>d) a comprehensive noise management system that uses a combination of predictive meteorological forecasting and real-time noise monitoring data to guide the day to day planning of mining operations and the implementation of both proactive and reactive mitigation measures to ensure compliance with these conditions, improved understanding of noise data at the monitoring locations in Table F2 - Compliance noise monitoring locations and frequency and its correlation with the noise data collected from the locations specified in Condition F6;</p> <p>e) a protocol for determining exceedances of the conditions;</p> <p>f) a protocol for recording and responding to complaints;</p> <p>g) the content of the monthly compliance report required under Condition 2 of the imposed conditions of the Coordinator-General, including for the provision of data in that report, and a peer review of that content.</p>	
F10		The environmental authority holder must, at their own cost, appoint an independent acoustic consultant to review the monthly noise report format for a twelve (12) month period following the	New Condition – Final Condition F10 has been included in the final EA in accordance with Land Court recommendation QLC18-041[130] –

Id #	Original draft EA condition	Final EA condition	Justification
		commencement of reporting. A report must be produced to present information from noise monitoring in a manner that is clear, open and unambiguous.	[131].
F11		<p>Mitigation</p> <p>Upon receiving a written request from the owner of a noise sensitive place shown in Figure 7 - Noise Sensitive Places (Mitigation), the environmental authority holder must implement additional reasonable and feasible noise mitigation measures at the noise sensitive place in consultation with the owner.</p> <p>If within 3 months of receiving this request, the environmental authority holder and the owner cannot agree on the measures to be implemented, or there is a dispute about the implementation of these measures, then either party may refer the matter to a suitably qualified and experienced person in relation to noise appointed by the Chief Executive or the President for the time being of the Institute of Engineers for resolution. The suitably qualified and experienced person's decision as to the mitigation measures to be implemented must be final.</p> <p>The environmental authority holder is responsible for payment of costs of the suitably qualified and experienced person.</p>	New Condition – Final Condition F11 has been included in the final EA in accordance with Land Court recommendation QLC18-041[131] .
F12		<p>Airblast overpressure nuisance</p> <p>The holder of this environmental authority must ensure that blasting does not cause the limits for peak particle velocity and air blast overpressure in Table F3 – Blasting noise limits to be exceeded at a sensitive place or commercial place.</p>	For clarity and continuity of the EA, Original Condition F4 has become Final condition F12.

Id #	Original draft EA condition	Final EA condition	Justification
F13		<p>The holder of this environmental authority must develop and implement a blast monitoring program to monitor compliance with Table F3 – Blasting noise limits for:</p> <p>a) At least 90% of all blasts undertaken on this site in each year at the nearest sensitive place or commercial place to the centroid of the blast; and</p> <p>b) All blasts conducted during any time period specified by the administering authority at the nearest sensitive place or commercial place.</p>	<p>For clarity and continuity of the EA, Original Condition F5 has become Final condition F13.</p>
Table F1a			<p>Table F1a has been deleted in accordance with the Land Court recommendation QLC17-024 [802] and CG change report, dated 12 February 2019.</p>
Table F1b			<p>Due to the deletion of Table F1a, Table F1b has been amended and renamed Table F1.</p> <p>Table F1 has been amended in accordance with the Land Court, as made in QLC 17-024 and QLC 18-041, and CG's change report, dated 12 February 2019 to include:</p> <ul style="list-style-type: none"> Amend the evening and night noise limits to 35 as per QLC18-041 and CG change report, dated 12 February 2019. Inclusion of L_{Amax} noise limit of 50 in accordance with QLC17-024[805] and CG change report, dated 12 February 2019.

Id #	Original draft EA condition	Final EA condition	Justification
Table F2			New Table included in EA in accordance with QLC17-024[812] .
Table F3			For clarity and continuity of the EA, original Table F2 has become final Table F3.
Agency interest: Sewage Treatment			
G1	All effluent released from the treatment plant must be monitored at the frequency and for the parameters specified in Table G1 – Sewage Effluent Quality Targets for Dust Suppression and Irrigation .	All effluent released from the treatment plant must be monitored at the frequency and for the parameters specified in Table G1 – Sewage Effluent Quality Targets for Dust Suppression and Irrigation .	Condition as per approved draft EA, dated 28 August 2015.
G2	Treated sewage effluent used for dust suppression or irrigation must not exceed sewage release limits defined in Table G1 – Sewage Effluent Quality Targets for Dust Suppression and Irrigation .	Treated sewage effluent used for dust suppression or irrigation must not exceed sewage release limits defined in Table G1 – Sewage Effluent Quality Targets for Dust Suppression and Irrigation .	Condition as per approved draft EA, dated 28 August 2015.
G3	Sewage effluent used for dust suppression or irrigation must not cause spray drift or overspray to any sensitive place.	Sewage effluent used for dust suppression or irrigation must not cause spray drift or overspray to any sensitive place.	Condition as per approved draft EA, dated 28 August 2015.
G4	Subject to Condition G5 , sewage effluent from sewage treatment facilities must be reused or evaporated and must not be directly released from the sewage treatment plant to any water way or drainage line.	Subject to Condition G5 , sewage effluent from sewage treatment facilities must be reused or evaporated and must not be directly released from the sewage treatment plant to any water way or drainage line.	Condition as per approved draft EA, dated 28 August 2015.
G5	In periods of wet weather or following wet weather, when no irrigation of effluent is reasonable practicable and when effluent storage ponds are full, the release of effluent to waters is permitted in accordance with the release limits in Table G1 – Sewage Effluent Quality Targets for Dust suppression and Irrigation and locations specified in Table C1 – Mine-affected water release points, sources and receiving waters .	In periods of wet weather or following wet weather, when no irrigation of effluent is reasonable practicable and when effluent storage ponds are full, the release of effluent to waters is permitted in accordance with the release limits in Table G1 - Sewage Effluent Quality Targets for Dust suppression and Irrigation and locations specified in Table C1 - Mine-affected water release points, sources and receiving waters .	Condition as per approved draft EA, dated 28 August 2015.

Id #	Original draft EA condition	Final EA condition	Justification
G6	The holder of the environmental authority must ensure that irrigation of effluent is carried out in such a manner that prevents and or minimises environmental harm.	The holder of the environmental authority must ensure that irrigation of effluent is carried out in such a manner that prevents and or minimises environmental harm.	Condition as per approved draft EA, dated 28 August 2015.
G7	The holder of this environmental authority is authorised to accept treated wastewater from the Wetalla Wastewater Reclamation Facility.	The holder of this environmental authority is authorised to accept treated wastewater from the Wetalla Wastewater Reclamation Facility.	Condition as per approved draft EA, dated 28 August 2015.
G8	Sewage effluent used for dust suppression or irrigation must not exceed sewage effluent release limits defined in Table G1 – Sewage Effluent Quality Targets for Dust suppression and Irrigation.	Sewage effluent used for dust suppression or irrigation must not exceed sewage effluent release limits defined in Table G1 - Sewage Effluent Quality Targets for Dust Suppression and Irrigation.	Condition as per approved draft EA, dated 28 August 2015.
Table G1			Condition as per approved draft EA, dated 28 August 2015.
Agency Interest: Land and Rehabilitation			
H1	Conditions H1 – H19 only apply to the Stage 3 New Acland mine project. Land disturbed by mining must be rehabilitated in accordance with Table H1 – Rehabilitation Requirements, Table H2 – Rehabilitation Acceptance Criteria – Grazing Lands and Table H3 – Rehabilitation Acceptance Criteria – Treed Areas.	Buffer Zone The holder of the environmental authority must not cause any disturbance within 50 metres of the high bank of Lagoon Creek (buffer zone) as shown on Figure 3 - Lagoon Creek, buffer and levee unless in accordance with Condition H2 and H3.	For clarity and continuity of the EA, original condition H1 has become final condition H9 and original condition H8 has become final condition H1.
H2	Rehabilitation must commence progressively in accordance with the plan of operations.	The holder of the environmental authority is authorised to construct and maintain a flood protection levee and access road for inspection purposes, with the tow of the levee being no closer than 50 metres from the high bank of Lagoon Creek as shown on Figure 3 - Lagoon Creek, buffer and levee	For clarity and continuity of the EA, original condition H2 has become final condition H12 and original condition H9 has become final condition H2.
H3	Contaminated land Before applying for surrender of a mining lease, the	The holder of the environmental authority is authorised to access the 50 metre buffer zone as shown on Figure 3 - Lagoon Creek, buffer and	For clarity and continuity of the EA, original condition H3 has become final condition H23 and original condition H10

Id #	Original draft EA condition	Final EA condition	Justification
	holder must (if applicable) provide to the administering authority a site investigation report under the Act, in relation to any part of the mining lease which has been used for notifiable activities or which the holder is aware is likely to be contaminated land, and also carry out any further work that is required as a result of that report to ensure that the land is suitable for its final land use.	levee , for the purposes of maintaining the integrity of the flood protection levee, riparian conservation and weed management purposes.	has become final condition H3.
H4	Before applying for progressive rehabilitation certification for an area, the holder must (if applicable) provide to the administering authority a site investigation report under the Act, in relation to any part of the area the subject of the application which has been used for notifiable activities or which the holder is aware is likely to be contaminated land, and also carry out any further work that is required as a result of that report to ensure that the land is suitable for its final land use under Condition H1 .	The flood protection levee must be designed and inspected by a suitably qualified and experienced person. The final design level of the levee crest must be above the predicted 1,000 year ARI event flood level.	For clarity and continuity of the EA, original condition H4 has become final condition H24 and original condition H11 has become final condition H4.
H5	Minimise the potential for contamination of land by hazardous contaminants.	Any section of the outside face of the levee must be treated with cover material and grass seeded (unless rock armoured) within three months of completion of the earthworks for that section of the outside face of the levee.	For clarity and continuity of the EA, original condition H5 has become final condition H25 and original condition H12 has become final condition H5.
H6	Land resource survey The holder of the environmental authority must provide the approved report required by Imposed Condition 6, of Appendix 1, of the CG's report, to the administering authority, within 20 business days of approval.	The condition of the levee must at a minimum be assessed: a) by the environmental authority holder within 1 week of any storm of such intensity that greater than 25mm of rain falls in less than 3 hours; and b) by a suitably qualified and experienced person at least once per year between the months of May and October inclusive (i.e. during the 'dry' season and before the onset of the 'wet'	For clarity and continuity of the EA, original condition H6 has become final condition H28 and original condition H13 has become final condition H6.

Id #	Original draft EA condition	Final EA condition	Justification
		season).	
H7	Rehabilitation of disturbed land The holder of the environmental authority must provide the approved rehabilitation success criteria required by Imposed Condition 7, of Appendix 1, of the CG's report, to the administering authority within 20 business days of approval.	Remedial works identified as necessary during assessments conducted under Condition H6 must be commenced within 30 days unless delayed by inclement weather.	For clarity and continuity of the EA, original condition H7 has become final condition H29 and original condition H14 has become final condition H7.
H8	Buffer Zone The holder of the environmental authority must not cause any disturbance within 50 metres of the high bank of Lagoon Creek (buffer zone) as shown on Figure 3 - Lagoon Creek, buffer and levee unless in accordance with Condition H9 and H10 .	Any actions and incidents on site that may impact upon the integrity of the levee bank must be notified to the administering authority in accordance with Condition H4 .	For clarity and continuity of the EA, original condition H8 has become final condition H1 and original condition H15 has become final condition H8.
H9	The holder of the environmental authority is authorised to construct and maintain a flood protection levee and access road for inspection purposes, with the tow of the levee being no closer than 50 metres from the high bank of Lagoon Creek as shown on Figure 3 - Lagoon Creek, buffer and levee	For Stage 3 New Acland Mine Project, land disturbed by mining must be rehabilitated in accordance with Table H4: Rehabilitation Requirements Stage 3 New Acland Mine Project , Table H5: Rehabilitation Acceptance Criteria — Grazing Lands Stage 3 New Acland Mine Project and Table H6: Rehabilitation Acceptance Criteria — Treed Areas Stage 3 New Acland Mine Project .	For clarity and continuity of the EA, original condition H9 has become final condition H2 and original condition H1 has become final condition H9. Final condition H9 has been amended to include all rehabilitation acceptance criteria tables relevant to Stage 3 New Acland Mine Project.
H10	The holder of the environmental authority is authorised to access the 50 metre buffer zone as shown on Figure 3 - Lagoon Creek, buffer and levee , for the purposes of maintaining the integrity of the flood protection levee, riparian conservation and weed management purposes.	Final Land Use and Rehabilitation Plan Within twelve (12) months upon the grant of ML50232 and ML700002 the holder of this environmental authority must develop and implement a Final Land Use and Rehabilitation Plan	For clarity and continuity of the EA, original condition H10 has become final condition H3 and original condition H16 has become final condition H10.

Id #	Original draft EA condition	Final EA condition	Justification
		<p>to ensure that all areas disturbed by mining activities will be suitably rehabilitated in accordance with Table H1 – Final Land Use and Rehabilitation Approval Schedule – ML50170 and ML50216, Table H2 - Landform design criteria for New Acland Coal Mine – ML50170 and ML50216, Table H3: Residual Void Design – ML50170 and ML50216, Table H4: Rehabilitation Requirements Stage 3 New Acland Mine Project, Table H5: Rehabilitation Acceptance Criteria — Grazing Lands Stage 3 New Acland Mine Project and Table H6: Rehabilitation Acceptance Criteria — Treed Areas Stage 3 New Acland Mine Project.</p> <p>The Plan must include, but is not limited to the following:</p> <ul style="list-style-type: none"> a) disturbance type; b) disturbance area; c) pre and post mine land descriptions; d) pre and post mine land capability; e) analogue site(s) identification; f) a description of rehabilitation management techniques incorporating works and monitoring programs and timetables; g) indicators for success; and h) keeping of appropriate records or rehabilitation measures implemented including taking of photographs demonstrative of rehabilitation achieved and the preparation of annual rehabilitation progress reports. 	

Id #	Original draft EA condition	Final EA condition	Justification
		NOTE: The Final Land Use and Rehabilitation Plan is to be managed through the Plan of Operations.	
H11	The flood protection levee must be designed and inspected by a suitably qualified and experienced person. The final design level of the levee crest must be above the predicted 1,000 year ARI event flood level.	All areas significantly disturbed by mining activities must be rehabilitated in accordance with the Mine Closure Plan outlined in Condition H13 .	For clarity and continuity of the EA, original condition H11 has become final condition H4 and original condition H17 has become final condition H11. Final condition H11 has been amended to include updated condition reference due to renumbering of Schedule H.
H12	Any section of the outside face of the levee must be treated with cover material and grass seeded (unless rock armoured) within three months of completion of the earthworks for that section of the outside face of the levee.	Rehabilitation must commence progressively in accordance with the plan of operations.	For clarity and continuity of the EA, original condition H12 has become final condition H5 and original condition H2 has become final condition H12.
H13	The condition of the levee must at a minimum be assessed: a) by the environmental authority holder within 1 week of any storm of such intensity that greater than 25mm of rain falls in less than 3 hours; and b) by a suitably qualified and experienced person at least once per year between the months of May and October inclusive (i.e. during the 'dry' season and before the onset of the 'wet' season).	Closure and post closure The environmental authority holder must submit a Mine Closure Plan to the administering authority at least five years prior to the surrender of this environmental authority.	For clarity and continuity of the EA, original condition H13 has become final condition H6 and original condition H19 has become final condition H13.
H14	Remedial works identified as necessary during assessments conducted under Condition H13 must be commenced within 30 days unless delayed by inclement weather.	When the deposition of tailings ceases, the holder of this Environmental Authority must install a final cover system to the Tailings Storage Facility, which effectively minimises: a) infiltration of water into the Tailings Storage Facility; and	For clarity and continuity of the EA, original condition H14 has become final condition H7 and original condition H20 has become final condition H14.

Id #	Original draft EA condition	Final EA condition	Justification
		b) the likelihood of any erosion occurring to either the final cover system, dumped spoil material or deposited tailings.	
H15	Any actions and incidents on site that may impact upon the integrity of the levee bank must be notified to the administering authority in accordance with Condition H11 .	The final cover system must include an inert layer to reduce infiltration and an upper/final layer of earthen material that is capable of sustaining plant growth.	For clarity and continuity of the EA, original condition H15 has become final condition H8 and original condition H21 has become final condition H15.
H16	<p>Final Land Use and Rehabilitation Plan</p> <p>Within twelve months of the date of this environmental authority the holder of this environmental authority must develop and implement a Final Land Use and Rehabilitation Plan to ensure that all areas disturbed by mining activities will be suitably rehabilitated in accordance with Table H2 – Rehabilitation Acceptance Criteria – Grazing Lands. The Plan must include, but is not limited to the following:</p> <ul style="list-style-type: none"> a) disturbance type; b) disturbance area; c) pre and post mine land descriptions; d) pre and post mine land capability; e) analogue site(s) identification; f) a description of rehabilitation management techniques incorporating works and monitoring programs and timetables; g) indicators for success; and h) keeping of appropriate records or rehabilitation 	<p>Sustainable final land use outcomes</p> <p>Areas that are to be progressively rehabilitated must comply with, but not be limited to, the following outcomes:</p> <ul style="list-style-type: none"> a) All areas disturbed by mining activities must be rehabilitated to the landform design criteria defined in the Final Land Use and Rehabilitation Plan required by Condition H10 to H13; and b) The final landforms must be stable with erosion rates comparable to a suitable analogue site. 	For clarity and continuity of the EA, original condition H16 has become final condition H10 and original condition H22 has become final condition H16.

Id #	Original draft EA condition	Final EA condition	Justification
	<p>measures implemented including taking of photographs demonstrative of rehabilitation achieved and the preparation of annual rehabilitation progress reports.</p> <p>NOTE: The Final Land Use and Rehabilitation Plan is to be managed through the Plan of Operations.</p>		
H17	<p>All areas significantly disturbed by mining activities must be rehabilitated in accordance with the Mine Closure Plan outlined in Condition H19.</p>	<p>Grazing pasture outcome for ML50170 and ML50216</p> <p>Areas which are to be progressively rehabilitated to grazing pasture must comply with the following outcomes;</p> <ul style="list-style-type: none"> a) generate a self-sustaining vegetation with projective cover, species composition and species distribution comparable with that of analogue sites to be determined by the study detailed in Condition H10 e.g. planting local native grass and shrub species where possible. These vegetation species must be listed in the Final Land Use and Rehabilitation Plan; b) all areas disturbed by mining activities must be rehabilitated to the landform design criteria defined in Table H2 - Landform design criteria for New Acland Coal Mine – ML50170 and ML50216; c) a measure of productivity (e.g. sustainable dry matter production, stock live weight gain) are comparable to the selected analogue sites detailed in Condition H18. 	<p>For clarity and continuity of the EA, original condition H17 has become final condition H23 and original condition H23 has become final condition H17.</p> <p>To ensure the condition is not applicable to Stage 3 New Acland Mine Project “for ML50170 and ML50216” has been included in the heading.</p>
H18	<p>Progressive rehabilitation must commence when areas become available within the operational land.</p>	<p>Complete an investigation into rehabilitation of disturbed areas and submit a report to the</p>	<p>Original condition H18 has been deleted as it is a duplication of final condition H12</p>

Id #	Original draft EA condition	Final EA condition	Justification
		administering authority proposing acceptance criteria to meet the outcomes in Condition H17 and landform design criteria in Table H2 - Landform design criteria for New Acland Coal Mine – ML50170 and ML50216 within twelve months of the issue of the Environmental Authority.	and original condition H23 has become final condition H18.
H19	Closure and post closure The environmental authority holder must submit a Mine Closure Plan to the administering authority at least five years prior to the surrender of this environmental authority.	Residual void outcome Residual voids must comply with the following outcomes: a) residual voids must not cause any serious environmental harm to land, surface waters or any recognised ground water aquifer, other than the environmental harm constituted by the existence of the residual void itself, and subject to any other condition within this Environmental Authority; and b) residual voids must comply with Table H3 - Residual Void Design – ML50170 and ML50216 .	For clarity and continuity of the EA, original condition H19 has become final condition H13 and original condition H25 has become final condition H19.
H20	When the deposition of tailings ceases, the holder of this Environmental Authority must install a final cover system to the Tailings Storage Facility, which effectively minimises: a) infiltration of water into the Tailings Storage Facility; and the likelihood of any erosion occurring to either the final cover system, dumped spoil material or deposited tailings.	Complete an investigation into residual voids and submit the findings in the Mine Closure Plan outlined by Condition H13 to the administering authority proposing acceptance criteria to meet the outcomes in Condition H19 and landform design criteria in Table H3 — Residual Void Design – ML50170 and ML50216 .	For clarity and continuity of the EA, original condition H20 has become final condition H14 and original condition H26 has become final condition H20.

Id #	Original draft EA condition	Final EA condition	Justification
H21	The final cover system must include an inert layer to reduce infiltration and an upper/final layer of earthen material that is capable of sustaining plant growth.	All areas within the mining lease will be managed to reduce the spread of declared plants including both disturbed and undisturbed areas.	For clarity and continuity of the EA, original condition H21 has become final condition H15 and original condition H27 has become final condition H21.
H22	<p>Sustainable final land use outcomes</p> <p>Areas that are to be progressively rehabilitated must comply with, but not be limited to, the following outcomes:</p> <p>a) All areas disturbed by mining activities must be rehabilitated to the landform design criteria defined in the Final Land Use and Rehabilitation Plan required by Condition H16 to H18; and</p> <p>The final landforms must be stable with erosion rates comparable to a suitable analogue site.</p>	<p>Topsoil</p> <p>a) The environmental authority holder must ensure that topsoil is removed and stockpiled prior to carrying out any disturbance activities such that topsoil must be strategically stripped ahead of mining activities, including the establishment of spoil dump areas; and,</p> <p>b) Topsoil must not be disposed of in a pit or otherwise sterilised from reuse.</p>	<p>For clarity and continuity of the EA, original condition H22 has become final condition H16.</p> <p>New Condition – Final condition H22 in accordance with Land Court recommendation QLC17-024[1294] – [1297].</p>
H23	<p>Grazing pasture outcome</p> <p>Areas which are to be progressively rehabilitated to grazing pasture must comply with the following outcomes;</p> <p>a) generate a self-sustaining vegetation with projective cover, species composition and species distribution comparable with that of analogue sites to be determined by the study detailed in Condition H16E10 e.g. planting local native grass and shrub species where possible. These vegetation species must be listed in the Final Land Use and Rehabilitation Plan;</p> <p>b) all areas disturbed by mining activities must be</p>	<p>Contaminated land</p> <p>Before applying for surrender of a mining lease, the holder must (if applicable) provide to the administering authority a site investigation report under the Act, in relation to any part of the mining lease which has been used for notifiable activities or which the holder is aware is likely to be contaminated land, and also carry out any further work that is required as a result of that report to ensure that the land is suitable for its final land use.</p>	For clarity and continuity of the EA, original condition H23 has become final condition H17 and original condition H3 has become final condition H23.

Id #	Original draft EA condition	Final EA condition	Justification
	<p>rehabilitated to the landform design criteria defined in Table H5 Landform design criteria for New Acland Coal Mine;</p> <p>a measure of productivity (e.g. sustainable dry matter production, stock live weight gain) are comparable to the selected analogue sites detailed in Condition H24.</p>		
H24	<p>Complete an investigation into rehabilitation of disturbed areas and submit a report to the administering authority proposing acceptance criteria to meet the outcomes in Condition H23 and landform design criteria in Table H5 Landform design criteria for New Acland Coal Mine within twelve months of the issue of the Environmental Authority.</p>	<p>Before applying for progressive rehabilitation certification for an area, the holder must (if applicable) provide to the administering authority a site investigation report under the Act, in relation to any part of the area the subject of the application which has been used for notifiable activities or which the holder is aware is likely to be contaminated land, and also carry out any further work that is required as a result of that report to ensure that the land is suitable for its final land use in accordance with Condition F10.</p>	<p>For clarity and continuity of the EA, original condition H24 has become final condition H18 and original condition H4 has become final condition H24.</p>
H25	<p>Residual void outcome</p> <p>Residual voids must comply with the following outcomes:</p> <p>a) residual voids must not cause any serious environmental harm to land, surface waters or any recognised ground water aquifer, other than the environmental harm constituted by the existence of the residual void itself, and subject to any other condition within this Environmental Authority; and</p> <p>residual voids must comply with Table H6 - Residual Void Design.</p>	<p>Minimise the potential for contamination of land by hazardous contaminants.</p>	<p>For clarity and continuity of the EA, original condition H25 has become final condition H19 and original condition H5 has become final condition H25.</p>
H26	<p>Complete an investigation into residual voids and</p>	Impacted land	<p>For clarity and continuity of the EA,</p>

Id #	Original draft EA condition	Final EA condition	Justification
	submit the findings in the Mine Closure Plan outlined by Condition H19 to the administering authority proposing acceptance criteria to meet the outcomes in Condition H14 and landform design criteria in Table H6 – Residual Void Design .	The holder of the environmental authority must provide the approved report required by Imposed Condition 9, of Appendix 1, of the CG's report, to the administering authority, within 20 business days of it being approved.	original condition H26 has become final condition H20 and original condition H28 has become final condition H26.
H27	All areas within the mining lease will be managed to reduce the spread of declared plants including both disturbed and undisturbed areas.	The holder of the environmental authority must provide a report demonstrating fulfilment of the requirements of Imposed Condition 9(i) — (k) in the CG's report, to the administering authority with any surrender application.	For clarity and continuity of the EA, original condition H27 has become final condition H21 and original condition H29 has become final condition H27.
H28	Impacted land The holder of the environmental authority must provide the approved report required by Imposed Condition 9, of Appendix 1, of the CG's report, to the administering authority, within 20 business days of it being approved.	Land resource survey The holder of the environmental authority must provide the approved report required by Imposed Condition 6, of Appendix 1, of the CG's report, to the administering authority, within 20 business days of approval.	For clarity and continuity of the EA, original condition H28 has become final condition H26 and original condition H6 has become final condition H26.
H29	The holder of the environmental authority must provide a report demonstrating fulfilment of the requirements of Imposed Condition 9(i) – (k) in the CG's report, to the administering authority with any surrender application.	Rehabilitation of disturbed land The holder of the environmental authority must provide the approved rehabilitation success criteria required by Imposed Condition 7, of Appendix 1, of the CG's report, to the administering authority within 20 business days of approval.	For clarity and continuity of the EA, original condition H29 has become final condition H27 and original condition H7 has become final condition H29.
Table H1			Original Table H4 has become final Table H1.
Table H2			Original Table H5 has become final Table H2.
Table H3			Original Table H6 has become final Table H3.

Id #	Original draft EA condition	Final EA condition	Justification
Table H4			Original Table H1 has become final Table H4.
Table H5			Original Table H2 has become final Table H5.
Table H6			Original Table H3 has become final Table H6.
Agency Interest: Biodiversity			
I1	The holder of the environmental authority must ensure that staff induction and environmental awareness programs include reference to <i>Anomalopus mackayi</i> (Five-clawed Worm-skink, Long-legged Worm-skink) and <i>Tympanocryptis pinguicollis</i> (Grassland Earless Dragon, South-eastern Lined Earless Dragon) to ensure that any individuals that might be present in the project area are identified and reported to the mine site environmental officer for recovery and release into suitable habitat.	The holder of the environmental authority must ensure that staff induction and environmental awareness programs include reference to <i>Anomalopus mackayi</i> (Five-clawed Worm-skink, Long-legged Worm-skink) and <i>Tympanocryptis pinguicollis</i> (Grassland Earless Dragon, South-eastern Lined Earless Dragon) to ensure that any individuals that might be present in the project area are identified and reported to the mine site environmental officer for recovery and release into suitable habitat.	Condition as per approved draft EA, dated 28 August 2015.
I2	The holder of this Environmental Authority must develop a Conservation Management Plan for the riparian area of Lagoon Creek and existing stands of regional ecosystems RE11.8.5 and RE11.8.3 located on Bottle Tree Hill and submit the Plan to the Administering Authority and the Department of Natural Resources, Mines and Water within twelve months of the date this environmental authority takes effect. The Plan must for the two proposed conservation areas (Lagoon Creek and Bottle Tree Hill): a) ensure the combined surface area to be protected and enhanced is no less than the surface area of	The holder of this Environmental Authority must develop a Conservation Management Plan for the riparian area of Lagoon Creek and existing stands of regional ecosystems RE11.8.5 and RE11.8.3 located on Bottle Tree Hill and submit the Plan to the Administering Authority and the Department of Natural Resources, Mines and Water within twelve months of the date this environmental authority takes effect. The Plan must for the two proposed conservation areas (Lagoon Creek and Bottle Tree Hill): a) ensure the combined surface area to be protected and enhanced is no less than the surface area of the regional ecosystems proposed to be cleared by mining activities on	Condition as per approved draft EA, dated 28 August 2015.

Id #	Original draft EA condition	Final EA condition	Justification
	<p>the regional ecosystems proposed to be cleared by mining activities on Mining Leases 50170 and 50216;</p> <p>b) develop appropriate conservation/rehabilitation objectives;</p> <p>c) outline suitable conservation/rehabilitation techniques (including those areas where local native plant species/communities are to be re-established and/or enhanced);</p> <p>d) develop an action plan/rehabilitation schedule for the planned conservation/rehabilitation activities;</p> <p>e) propose specific conservation/rehabilitation acceptance criteria (including those areas where local native plant species/communities are re-established and/or enhanced);</p> <p>f) detail a suitable monitoring program to quantify conservation/rehabilitation success (including those areas where local native plant species/communities are re-established and/or enhanced); and</p> <p>propose appropriate remedial actions for conservation/rehabilitation areas not achieving the required conservation/rehabilitation objectives.</p>	<p>Mining Leases 50170 and 50216;</p> <p>b) develop appropriate conservation/rehabilitation objectives;</p> <p>c) outline suitable conservation/rehabilitation techniques (including those areas where local native plant species/communities are to be re-established and/or enhanced);</p> <p>d) develop an action plan/rehabilitation schedule for the planned conservation/rehabilitation activities;</p> <p>e) propose specific conservation/rehabilitation acceptance criteria (including those areas where local native plant species/communities are re-established and/or enhanced);</p> <p>f) detail a suitable monitoring program to quantify conservation/rehabilitation success (including those areas where local native plant species/communities are re-established and/or enhanced); and</p> <p>g) propose appropriate remedial actions for conservation/rehabilitation areas not achieving the required conservation/rehabilitation objectives.</p>	
I3	<p>Biodiversity offsets</p> <p>Significant residual impacts to prescribed matters of state environmental significance must not exceed the maximum authorised residual impact area listed for</p>	<p>Biodiversity offsets</p> <p>Significant residual impacts to prescribed matters of state environmental significance must not exceed the maximum authorised residual impact area listed</p>	<p>Condition as per approved draft EA, dated 28 August 2015.</p>

Id #	Original draft EA condition	Final EA condition	Justification
	<p>that matter in Table I1 - Maximum authorised impacts on matters of state environmental significance and shown in Figure 4 – Impact on vegetation and habitat.</p> <p>Note: Deemed conditions in Sections 18, 22, 24 and 25 of the <i>Environmental Offsets Act 2014</i> are taken to be conditions of this authority.</p>	<p>for that matter in Table I1 - Maximum authorised impacts on matters of state environmental significance and shown in Figure 4 —Impact on vegetation and habitat.</p> <p>Note: Deemed conditions in Sections 18, 22, 24 and 25 of the <i>Environmental Offsets Act 2014</i> are taken to be conditions of this authority.</p>	
I4	<p>The holder of the environmental authority must provide an environmental offset for the following maximum significant residual impacts on matters of state environmental significance in accordance with the requirements of the <i>Environmental Offsets Act 2014</i> (including deemed conditions), the <i>Environmental Offsets Regulation 2014</i> and the <i>Queensland Environmental Offsets Policy 2014</i>.</p>	<p>The holder of the environmental authority must provide an environmental offset for the following maximum significant residual impacts on matters of state environmental significance in accordance with the requirements of the <i>Environmental Offsets Act 2014</i> (including deemed conditions), the <i>Environmental Offsets Regulation 2014</i> and the <i>Queensland Environmental Offsets Policy 2014</i>.</p>	<p>Condition as per approved draft EA, dated 28 August 2015.</p>
I5	<p>Residual impacts are not authorised on any Matters of State Environmental Significance not identified in Table I1 – Maximum authorised impacts on matters of state environmental significance</p>	<p>Residual impacts are not authorised on any Matters of State Environmental Significance not identified in Table I1 — Maximum authorised impacts on matters of state environmental significance</p>	<p>Condition as per approved draft EA, dated 28 August 2015.</p>
I6	<p>Environmental Offset Strategy (EOS)</p> <p>The environmental authority holder must provide the approved environmental offset strategy required by Imposed Condition 13 of the CG's report, to the administering authority within 20 business days of its being approved.</p>	<p>Environmental Offset Strategy (EOS)</p> <p>The environmental authority holder must provide the approved environmental offset strategy required by Imposed Condition 13 of the CG's report, to the administering authority within 20 business days of its being approved.</p>	<p>Condition as per approved draft EA, dated 28 August 2015.</p>
I7	<p>Pre-clearance fauna and flora surveys</p> <p>Prior to commencement of any project construction activities, the environmental authority holder must conduct pre-clearance ecological surveys of areas to</p>	<p>Pre-clearance fauna and flora surveys</p> <p>Prior to commencement of any project construction activities, the environmental authority holder must conduct pre-clearance ecological surveys of areas</p>	<p>Condition as per approved draft EA, dated 28 August 2015.</p>

Id #	Original draft EA condition	Final EA condition	Justification
	be impacted, consistent with: a) Queensland state government survey guidelines; b) Requirements of the Nature Conservation Act 1992; and Australian government threatened species guidelines.	to be impacted, consistent with: a) Queensland state government survey guidelines; b) Requirements of the <i>Nature Conservation Act 1992</i> ; and c) Australian government threatened species guidelines.	
I8	The surveys must be sufficient to identify the extent to which the following will be unavoidably impacted by the project: a) Protected wildlife listed under the <i>Nature Conservation Act 1992</i> ; b) Matters of state environmental significance (MNES) as defined by the State Planning Policy; and MNES as listed under the EPBC Act	The surveys must be sufficient to identify the extent to which the following will be unavoidably impacted by the project: a) Protected wildlife listed under the <i>Nature Conservation Act 1992</i> ; b) Matters of state environmental significance (MSES) as defined by the State Planning Policy; and c) MNES as listed under the EPBC Act	Existing Condition I8(b) has been amended to state "Matters of state environmental significance (MSES)" instead of "Matters of state environmental significance (MNES)", in accordance with QLC 17-024 [1131] .
I9	The surveys must include areas of potential foraging, roosting or nesting habitat for the painted honeyeater (<i>Grantiella picta</i>). If the painted honeyeater is found during pre-clearance surveys, then any significant impacts on its habitat may require additional offsets in accordance with the EOS for the project.	The surveys must include areas of potential foraging, roosting or nesting habitat for the painted honeyeater (<i>Grantiella picta</i>). If the painted honeyeater is found during pre-clearance surveys, then any significant impacts on its habitat may require additional offsets in accordance with the EOS for the project.	Condition as per approved draft EA, dated 28 August 2015.
I10	If protected plants are found during pre-clearance surveys, then impacts may require a permit under the <i>Nature Conservation Act 1992</i> and offsets under the <i>Environmental Offsets Act 2014</i> .	If protected plants are found during pre-clearance surveys, then impacts may require a permit under the <i>Nature Conservation Act 1992</i> and offsets under the <i>Environmental Offsets Act 2014</i> .	Condition as per approved draft EA, dated 28 August 2015.

Id #	Original draft EA condition	Final EA condition	Justification
I11	Should additional MSES species be located that were not previously identified during field surveys, the development of management plans and/or additional offsets may be required to address any significant residual impacts for matters of state environmental significance in accordance with the EOS for the project.	Should additional MSES species and communities be located that were not previously identified during field surveys, the development of management plans and/or additional offsets may be required to address any significant residual impacts for matters of state environmental significance in accordance with the EOS for the project.	Existing Condition I11 has been amended to state “MSES species and communities” instead of “MSES species”, in accordance with QLC 17-024 [1130] .
I12	Notification of the discovery of additional protected plants or MSES species will be impacted is to be provided to the administering authority within five business days of the discovery. The proponent is required to propose how the species is to be managed and to seek advice from DEHP on the undertaking.	Notification of the discovery of additional protected plants or MSES species and communities will be impacted is to be provided to the administering authority within five business days of the discovery. The proponent is required to propose how the species is to be managed and to seek advice from the administering authority on the undertaking.	Existing Condition I12 has been amended to state “MSES species and communities” instead of “MSES species”, in accordance with QLC 17-024 [1130] .
I13	Survey results must be included in an updated EOS for the project.	Survey results must be included in an updated EOS for the project.	Condition as per approved draft EA, dated 28 August 2015.
I14	Surveys must include area of potential habitat for the vulnerable pale imperial hairstreak butterfly – <i>Jalmenus eubulus</i> . If the pale imperial hairstreak is found during pre-clearance surveys, then any significant impacts on its habitat may require additional offsets in accordance with the EOS for the project.	Surveys must include area of potential habitat for the vulnerable pale imperial hairstreak butterfly — <i>Jalmenus eubulus</i> . If the pale imperial hairstreak is found during pre-clearance surveys, then any significant impacts on its habitat may require additional offsets in accordance with the EOS for the project.	Condition as per approved draft EA, dated 28 August 2015.
I15	Lagoon Creek Conservation Zone Management Plan (CZMP) The holder of the environmental authority holder must provide the approved Lagoon Creek Conservation Zone Management Plan, which is in accordance with Imposed Condition 15 of the CG’s report, to the administering authority, within 20 business days of it being approved.	Lagoon Creek Conservation Zone Management Plan (CZMP) The holder of the environmental authority holder must provide the approved Lagoon Creek Conservation Zone Management Plan, which is in accordance with Imposed Condition 15 of the CG’s report, to the administering authority, within 20 business days of it being approved.	Condition as per approved draft EA, dated 28 August 2015.

Id #	Original draft EA condition	Final EA condition	Justification
I16	Koala Species Management Plan (KSMP) The holder of the environmental authority holder must provide the approved Koala species management plan, which is in accordance with Imposed Condition 16 of the CG's report, to the administering authority, within 20 business days of it being approved.	Koala Species Management Plan (KSMP) The holder of the environmental authority holder must provide the approved Koala species management plan, which is in accordance with Imposed Condition 16 of the CG's report, to the administering authority, within 20 business days of it being approved.	Condition as per approved draft EA, dated 28 August 2015.
Table I1			Condition as per approved draft EA, dated 28 August 2015.
Agency Interest: Regulated Structure			
J1	Regulated Dams and Levees The consequence category of any structure must be assessed by a suitable qualified and experienced person in accordance with the <i>Manual for Assessing Categories and Hydraulic Performance of Structures (EM635)</i> at the following times: a) Prior to the design and construction of the structure, if it is not an existing structure; or b) If it is an existing structure, prior to the adoption of this schedule; or Prior to any change in its purpose or the nature of its stored contents.	Regulated Dams and Levees The consequence category of any structure must be assessed by a suitable qualified and experienced person in accordance with the <i>Manual for Assessing Categories and Hydraulic Performance of Structures (EM635)</i> at the following times: a) Prior to the design and construction of the structure, if it is not an existing structure; or b) If it is an existing structure, prior to the adoption of this schedule; or c) Prior to any change in its purpose or the nature of its stored contents.	Condition as per approved draft EA, dated 28 August 2015.
J2	A consequence assessment report and certification must be prepared for each structure assessed and the report may include a consequence for more than one structure.	A consequence assessment report and certification must be prepared for each structure assessed and the report may include a consequence for more than one structure.	Condition as per approved draft EA, dated 28 August 2015.
J3	Certification must be provided by the suitably qualified and experienced person who undertook the	Certification must be provided by the suitably qualified and experienced person who undertook the	Condition as per approved draft EA, dated 28 August 2015.

Id #	Original draft EA condition	Final EA condition	Justification
	assessment, in the form set out in the <i>Manual for Assessing Consequence Categories and Hydraulic Performance of Structures</i> (EM635).	assessment, in the form set out in the <i>Manual for Assessing Consequence Categories and Hydraulic Performance of Structures</i> (EM635).	
J4	Design and construction of a regulated structure Conditions J5 to J9 inclusive do not apply to existing structures.	Design and construction of a regulated structure Conditions J5 to J9 inclusive do not apply to existing structures.	Condition as per approved draft EA, dated 28 August 2015.
J5	All regulated structures must be designed by and constructed under the supervision of a suitable qualified and experienced person in accordance with the requirements of the <i>Manual for Assessing Consequence Categories and Hydraulic Performance of Structures</i> (EM635).	All regulated structures must be designed by and constructed under the supervision of a suitable qualified and experienced person in accordance with the requirements of the <i>Manual for Assessing Consequence Categories and Hydraulic Performance of Structures</i> (EM635).	Condition as per approved draft EA, dated 28 August 2015.
J6	Construction of a regulated structure is prohibited unless the holder has submitted a consequence category assessment report and certification to the administering authority has been certified by a suitably qualified person for the design and the design plan and the associated operating procedures in compliance with the relevant condition of this authority.	Construction of a regulated structure is prohibited unless the holder has submitted a consequence category assessment report and certification to the administering authority that has been certified by a suitably qualified person for the design and the design plan and the associated operating procedures in compliance with the relevant condition of this authority.	Condition as per approved draft EA, dated 28 August 2015.
J7	Certification must be provided by the suitable qualified and experienced person who oversees the preparation of the design plan set out in the <i>Manual for Assessing Consequence Categories and Hydraulic Performance of Structures</i> (EM635), and must be recorded in the Regulated Dams/Levees register.	Certification must be provided by the suitable qualified and experienced person who oversees the preparation of the design plan set out in the <i>Manual for Assessing Consequence Categories and Hydraulic Performance of Structures</i> (EM635), and must be recorded in the Regulated Dams/Levees register.	Condition as per approved draft EA, dated 28 August 2015.
J8	Regulated structures must: a) be designed and constructed in accordance with and conform to the requirements of the <i>Manual for Assessing Consequence Categories and Hydraulic</i>	Regulated structures must: a) be designed and constructed in accordance with and conform to the requirements of the <i>Manual for Assessing Consequence Categories and Hydraulic Performance of Structures</i> (EM635);	Condition as per approved draft EA, dated 28 August 2015.

Id #	Original draft EA condition	Final EA condition	Justification
	<p><i>Performance of Structures (EM635);</i></p> <p>b) be designed and constructed with due consideration given to ensuring that the design integrity would not be compromised on account of: floodwaters from entering the regulated dam from any watercourse or drainage line; and wall failure due to erosion by floodwaters arising from any watercourse or drainage line;</p> <p>(only for regulated dams associated with a failure to contain seepage) have the floor and sides of the dam designed and constructed to prevent or minimise the passage of the wetting front and any entrained contaminants through either the floor or sides of the dam during the operational life of the dam and for any period of decommissioning and rehabilitation of the dam.</p>	<p>b) be designed and constructed with due consideration given to ensuring that the design integrity would not be compromised on account of: floodwaters from entering the regulated dam from any watercourse or drainage line; and wall failure due to erosion by floodwaters arising from any watercourse or drainage line;</p> <p>c) (only for regulated dams associated with a failure to contain seepage) have the floor and sides of the dam designed and constructed to prevent or minimise the passage of the wetting front and any entrained contaminants through either the floor or sides of the dam during the operational life of the dam and for any period of decommissioning and rehabilitation of the dam.</p>	
J9	<p>Certification by the suitable qualified and experienced person who supervises the construction must be submitted to the administering authority on the completion of construction of the regulated structure and state that:</p> <p>a) The 'as constructed' drawings and specifications meet the original intent of the design plan for that regulated structure; and</p> <p>b) Construction of the regulated structure is in accordance with the design plan.</p>	<p>Certification by the suitable qualified and experienced person who supervises the construction must be submitted to the administering authority on the completion of construction of the regulated structure and state that:</p> <p>a) The 'as constructed' drawings and specifications meet the original intent of the design plan for that regulated structure; and</p> <p>b) Construction of the regulated structure is in accordance with the design plan.</p>	Condition as per approved draft EA, dated 28 August 2015.
J10	<p>Operation of a regulated structure</p> <p>Operation of a regulated structure, except for an</p>	<p>Operation of a regulated structure</p>	Condition as per approved draft EA, dated 28 August 2015.

Id #	Original draft EA condition	Final EA condition	Justification
	<p>existing structure, is prohibited unless the holder has submitted to the administering authority:</p> <ul style="list-style-type: none"> a) One paper copy and one electronic copy of the design plan and certification of the 'design plan' in accordance with Condition J6. b) A set of 'as constructed' drawings and specifications, and c) Certification of those 'as constructed drawings and specifications' in accordance with Condition J6, and d) Where the regulated structure is to be managed as part of an integrated containment system for the purpose of sharing the DSA volume across the system, a copy of the certified system design plan; e) The requirements of this authority relating to the construction of the regulated structure have been met; f) The holder has entered the details required under this authority into a Register of Regulated Dams; and <p>There is a current operational plan for the regulated structures.</p>	<p>Operation of a regulated structure, except for an existing structure, is prohibited unless the holder has submitted to the administering authority:</p> <ul style="list-style-type: none"> a) One paper copy and one electronic copy of the design plan and certification of the 'design plan' in accordance with Condition J6; and b) A set of 'as constructed' drawings and specifications; and c) Certification of those 'as constructed drawings and specifications' in accordance with Condition J6; and d) Where the regulated structure is to be managed as part of an integrated containment system for the purpose of sharing the DSA volume across the system, a copy of the certified system design plan; and e) The requirements of this authority relating to the construction of the regulated structure have been met; and f) The holder has entered the details required under this authority into a Register of Regulated Dams; and g) There is a current operational plan for the regulated structures. 	
J11	<p>For existing structures that are regulated structures:</p> <ul style="list-style-type: none"> a) Where the existing structure that is a regulated structure is to be managed as part of an integrated containment system for the purposes of sharing 	<p>For existing structures that are regulated structures:</p> <ul style="list-style-type: none"> a) Where the existing structure that is a regulated structure is to be managed as part of an integrated containment system for the purposes of sharing DSA volume across the system, the holder must submit to the administering 	<p>Condition as per approved draft EA, dated 28 August 2015.</p>

Id #	Original draft EA condition	Final EA condition	Justification
	<p>DSA volume across the system, the holder must submit to the administering authority within 12 months of the commencement of this condition a copy of the certified system design plan including that structure; and</p> <p>b) There must be a current operational plan for the existing structures.</p>	<p>authority within 12 months of the commencement of this condition a copy of the certified system design plan including that structure; and</p> <p>b) There must be a current operational plan for the existing structures.</p>	
J12	Each regulated structure just be maintained and operated for the duration of its operational life until decommissioned and rehabilitated in a manner that is consistent with the current operational plan and if applicable the current design plan and associated certified 'as constructed' drawings.	Each regulated structure just be maintained and operated for the duration of its operational life until decommissioned and rehabilitated in a manner that is consistent with the current operational plan and if applicable the current design plan and associated certified 'as constructed' drawings.	Condition as per approved draft EA, dated 28 August 2015.
J13	<p>Mandatory reporting level</p> <p>Conditions J14 to J17 inclusive apply to Regulated Structures which have not been certified as low consequence category for 'failure to contain – overtopping'.</p>	<p>Mandatory reporting level</p> <p>Conditions J14 to J17 inclusive apply to Regulated Structures which have not been certified as low consequence category for 'failure to contain — overtopping'.</p>	Condition as per approved draft EA, dated 28 August 2015.
J14	The Mandatory Reporting Level (the MRL) must be marked on a regulated dam in such a way that during routine inspections of the dam it is clearly observable.	The Mandatory Reporting Level (the MRL) must be marked on a regulated dam in such a way that during routine inspections of the dam it is clearly observable.	Condition as per approved draft EA, dated 28 August 2015.
J15	The holder must, as soon as practical and within forty-eight (48) hours of becoming aware, notify the administering authority when the level of the contents of a regulated dam reaches the MRL.	The holder must, as soon as practical and within forty-eight (48) hours of becoming aware, notify the administering authority when the level of the contents of a regulated dam reaches the MRL.	Condition as per approved draft EA, dated 28 August 2015.
J16	The holder must, immediately on becoming aware that the MRL has been reached, act to prevent the occurrence on any unauthorised discharges from the regulated dam.	The holder must, immediately on becoming aware that the MRL has been reached, act to prevent the occurrence on any unauthorised discharges from the regulated dam.	Condition as per approved draft EA, dated 28 August 2015.

Id #	Original draft EA condition	Final EA condition	Justification
J17	The holder must record any changes to the MRL in the Register of Regulated Structures.	The holder must record any changes to the MRL in the Register of Regulated Structures.	Condition as per approved draft EA, dated 28 August 2015.
J18	Design storage allowance The holder must assess the performance of each regulated dam or linked containment system over the preceding November to May period based on actual observations of the available storage in each regulated dam or linked containment system taken prior to 1 July of each year.	Design storage allowance The holder must assess the performance of each regulated dam or linked containment system over the preceding November to May period based on actual observations of the available storage in each regulated dam or linked containment system taken prior to 1 July of each year.	Condition as per approved draft EA, dated 28 August 2015.
J19	By 1 November of each year, storage capacity must be available in each regulated dam (or network of linked containment systems with a shared DSA volume) to meet the Design Storage Allowance (DSA) volume of the dam (or network of linked containment systems).	By 1 November of each year , storage capacity must be available in each regulated dam (or network of linked containment systems with a shared DSA volume) to meet the Design Storage Allowance (DSA) volume of the dam (or network of linked containment systems).	Condition as per approved draft EA, dated 28 August 2015.
J20	The holder must, as soon as possible and within forty-eight (48) hours of becoming aware that the regulated dam (or network of linked containment system) will not have the available storage to meet the DSA volume on 1 November of any year, notify the administering authority.	The holder must, as soon as possible and within forty-eight (48) hours of becoming aware that the regulated dam (or network of linked containment system) will not have the available storage to meet the DSA volume on 1 November of any year, notify the administering authority.	Condition as per approved draft EA, dated 28 August 2015.
J21	The holder must, immediately on becoming aware that a regulated dam (or network of linked containment systems) will not have the available storage to meet the DSA volume on 1 November of any year, act to prevent the occurrence of any unauthorised discharge from the regulated dam or linked containment systems.	The holder must, immediately on becoming aware that a regulated dam (or network of linked containment systems) will not have the available storage to meet the DSA volume on 1 November of any year, act to prevent the occurrence of any unauthorised discharge from the regulated dam or linked containment systems.	Condition as per approved draft EA, dated 28 August 2015.
J22	Annual inspection report Each regulated dam must be inspected each calendar year by a suitable qualified and experienced person.	Annual inspection report Each regulated dam must be inspected each calendar year by a suitable qualified and	Condition as per approved draft EA, dated 28 August 2015.

Id #	Original draft EA condition	Final EA condition	Justification
		experienced person.	
J23	At each inspection the condition and adequacy of all components of the regulated structure must be assessed and a suitable qualified and experienced person must prepare an annual inspection report containing details of the assessment and include recommended actions to ensure the integrity of the regulated structure.	At each inspection the condition and adequacy of all components of the regulated structure must be assessed and a suitable qualified and experienced person must prepare an annual inspection report containing details of the assessment and include recommended actions to ensure the integrity of the regulated structure.	Condition as per approved draft EA, dated 28 August 2015.
J24	The suitable qualified and experienced person who prepared the annual inspection report must certify the report in accordance with the <i>Manual for Assessing Consequence Categories and Hydraulic Performance of Structures (EM635)</i> .	The suitable qualified and experienced person who prepared the annual inspection report must certify the report in accordance with the <i>Manual for Assessing Consequence Categories and Hydraulic Performance of Structures (EM635)</i> .	Condition as per approved draft EA, dated 28 August 2015.
J25	<p>The holder must:</p> <p>a) Within 20 business days of receipt of the annual inspection report provide to the administering authority:</p> <ol style="list-style-type: none"> 1. the recommendations section of the annual inspection report; and 2. if applicable, any actions being taken in response to those recommendations; and <p>If, following receipt of the recommendations and (if applicable) actions, the administering authority requests a full copy of the annual inspection report from the holder, provide this information to the administering authority within 10 business days of receipt of the request.</p>	<p>The holder must:</p> <p>a) Within 20 business days of receipt of the annual inspection report provide to the administering authority:</p> <ol style="list-style-type: none"> (1) the recommendations section of the annual inspection report; and (2) if applicable, any actions being taken in response to those recommendations; and <p>b) If, following receipt of the recommendations and (if applicable) actions, the administering authority requests a full copy of the annual inspection report from the holder, provide this information to the administering authority within 10 business days of receipt of the request.</p>	Condition as per approved draft EA, dated 28 August 2015.
J26	<p>Transfer arrangements</p> <p>The holder must provide a copy of any reports,</p>	<p>Transfer arrangements</p> <p>The holder must provide a copy of any reports, documentation and certifications prepared under</p>	Condition as per approved draft EA, dated 28 August 2015.

Id #	Original draft EA condition	Final EA condition	Justification
	documentation and certifications prepared under this authority, including but not limited to and Register of Regulated Structures, consequence assessment, design plan and other supporting documentation, to a new holder on transfer of this authority.	this authority, including but not limited to and Register of Regulated Structures, consequence assessment, design plan and other supporting documentation, to a new holder on transfer of this authority.	
J27	Decommissioning and rehabilitation Dams must not be abandoned but be either: a) Decommissioned and rehabilitated to achieve compliance with condition H30; or b) Be left in-situ for a beneficial use(s) provided that: <ol style="list-style-type: none"> 1. it no longer contains contaminants that will migrate into the environment; and 2. it contains water of a quality that is demonstrated to be suitable for the intended beneficial use(s); and 3. the administering authority, the holder of the environmental authority and the landholder agree in writing that the dam will be used by the landholder following cessation of the resource activity. 	Decommissioning and rehabilitation Dams must not be abandoned but be either: a) Decommissioned and rehabilitated to achieve compliance with Condition H30 ; or b) Be left in-situ for a beneficial use(s) provided that: <ol style="list-style-type: none"> (1) it no longer contains contaminants that will migrate into the environment; and (2) it contains water of a quality that is demonstrated to be suitable for the intended beneficial use(s); and (3) the administering authority, the holder of the environmental authority and the landholder agree in writing that the dam will be used by the landholder following cessation of the resource activity. 	Condition as per approved draft EA, dated 28 August 2015.
J28	After decommissioning, all significantly disturbed land caused by carrying out of the resource activity must be rehabilitated to meet the final acceptance criteria: a) The landform is safe for humans and fauna; b) The landform is stable with no subsidence of	After decommissioning, all significantly disturbed land caused by carrying out of the resource activity must be rehabilitated to meet the final acceptance criteria: a) The landform is safe for humans and fauna; b) The landform is stable with no subsidence of erosion gullies for at least three (3) years ; c) Any contaminated land (e.g. contaminated soils)	Condition as per approved draft EA, dated 28 August 2015.

Id #	Original draft EA condition	Final EA condition	Justification
	<p>erosion gullies for at least three (3) years;</p> <p>c) Any contaminated land (e.g. contaminated soils) is remediated and rehabilitated;</p> <p>d) Not allowing for acid mine drainage;</p> <p>e) There is no ongoing contamination to waters (including groundwater);</p> <p>f) All significantly disturbed land is reinstated as defined in Table H1 – Rehabilitation requirements;</p> <p>g) For land that is not being cultivated by the landholder:</p> <ol style="list-style-type: none"> 1. groundcover, that is not a declared pest species is established and self-sustaining 2. vegetation of similar species richness and species diversity to pre-selected analogue sites is established and self-sustaining, and 3. the maintenance requirements for rehabilitated land is no greater than that required for the land prior to its disturbance caused by carrying out the petroleum activity(ies). <p>For land that is to be cultivated by the landowner, cover crop is revegetated, unless the landholder will be preparing the site for cropping within 3 months of resource activities being completed.</p>	<p>is remediated and rehabilitated;</p> <p>d) Not allowing for acid mine drainage;</p> <p>e) There is no ongoing contamination to waters (including groundwater);</p> <p>f) All significantly disturbed land is reinstated as defined in Table H1 — Rehabilitation requirements;</p> <p>g) For land that is not being cultivated by the landholder:</p> <ol style="list-style-type: none"> (1) groundcover, that is not a declared pest species is established and self-sustaining (2) vegetation of similar species richness and species diversity to pre-selected analogue sites is established and self-sustaining, and (3) the maintenance requirements for rehabilitated land is no greater than that required for the land prior to its disturbance caused by carrying out the petroleum activity(ies). <p>h) For land that is to be cultivated by the landowner, cover crop is revegetated, unless the landholder will be preparing the site for cropping within 3 months of resource activities being completed.</p>	
J29	<p>Register of Regulated Dams</p> <p>A Register of Regulated Dams must be established</p>	<p>Register of Regulated Dams</p> <p>A Register of Regulated Dams must be established</p>	<p>Condition as per approved draft EA, dated 28 August 2015.</p>

Id #	Original draft EA condition	Final EA condition	Justification
	and maintained by the holder for each regulated dam.	and maintained by the holder for each regulated dam.	
J30	The holder must provisionally enter the required information in the Register of Regulated Dams when a design plan for a regulated dam is submitted to the administering authority.	The holder must provisionally enter the required information in the Register of Regulated Dams when a design plan for a regulated dam is submitted to the administering authority.	Condition as per approved draft EA, dated 28 August 2015.
J31	The holder must make a final entry of the required information in the Register of Regulated Dams once compliance with Condition J10 and J11 has been achieved.	The holder must make a final entry of the required information in the Register of Regulated Dams once compliance with Condition J10 and J11 has been achieved.	Condition as per approved draft EA, dated 28 August 2015.
J32	The holder must ensure that the information contained in the Register of Regulated Dams is current and complete on any given day.	The holder must ensure that the information contained in the Register of Regulated Dams is current and complete on any given day.	Condition as per approved draft EA, dated 28 August 2015.
J33	All entries in the Register of Regulated Dams must be approved by the chief executive officer for the holder of this authority, or the delegate, as being accurate and correct.	All entries in the Register of Regulated Dams must be approved by the chief executive officer for the holder of this authority, or the delegate, as being accurate and correct.	Condition as per approved draft EA, dated 28 August 2015.
J34	The holder must, at the same time as providing the annual return, supply to the administering authority a copy of the records contained in the Register of Regulated Dams, in the electronic format required by the administering authority.	The holder must, at the same time as providing the annual return, supply to the administering authority a copy of the records contained in the Register of Regulated Dams, in the electronic format required by the administering authority.	Condition as per approved draft EA, dated 28 August 2015.
Agency interest: Rail infrastructure			
K1	Train load-out facility: New Acland Coal Mine Stage 3 The new train load-out facility, rail loop and rail spur for the project is required to be the sole distribution point for all railed product from the first day of operations of the stage 3 project.	Train load-out facility: New Acland Coal Mine Stage 3 The new train load-out facility, rail loop and rail spur for the project is required to be the sole distribution point for all railed product from the first day of operations of the stage 3 project.	Condition as per approved draft EA, dated 28 August 2015.
K2	The holder of the EA must notify the administering authority once the Coordinator-General has been	The holder of the EA must notify the administering authority once the Coordinator-General has been	Condition as per approved draft EA, dated 28 August 2015.

Id #	Original draft EA condition	Final EA condition	Justification
	notified that the new train-load out facility has become operational.	notified that the new train-load out facility has become operational.	
K3	<p>New Acland Coal Mine Stage 3: Rail Spur Design</p> <p>A suitably qualified person must certify that the design and construction of the rail spur:</p> <ul style="list-style-type: none"> a) is in accordance with the design criteria in the Department of Transport and Main Roads (March 2010) Road Drainage Manual 2nd edition; and b) meets the following criteria for a two per cent annual exceedance probability rainfall event (50-year Annual Recurrence Interval): <ul style="list-style-type: none"> 1. not cause, or have the potential to increase flood damage at a domestic premises or commercial premises; 2. a maximum increase in afflux of 0.1m at a domestic premises or commercial premises; 3. a maximum increase in afflux of 0.2m at the Jondaryan-Muldu road, or existing electricity, water supply, sewage or telecommunications infrastructure in the town of Jondaryan; 4. a design objective of an increase in afflux of 0.3m, with a maximum increase in afflux of 0.5m at other locations; 5. a maximum culvert outlet velocity of 2.5m/s; 	<p>New Acland Coal Mine Stage 3: Rail Spur Design</p> <p>A suitably qualified person must certify that the design and construction of the rail spur:</p> <ul style="list-style-type: none"> a) is in accordance with the design criteria in the Department of Transport and Main Roads (March 2010) Road Drainage Manual 2nd edition; and b) meets the following criteria for a two per cent annual exceedance probability rainfall event (50-year Annual Recurrence Interval): <ul style="list-style-type: none"> (1) not cause, or have the potential to increase flood damage at a domestic premises or commercial premises; (2) a maximum increase in afflux of 0.1m at a domestic premises or commercial premises; (3) a maximum increase in afflux of 0.2m at the Jondaryan-Muldu road, or existing electricity, water supply, sewage or telecommunications infrastructure in the town of Jondaryan; (4) a design objective of an increase in afflux of 0.3m, with a maximum increase in afflux of 0.5m at other locations; (5) a maximum culvert outlet velocity of 2.5m/s; and (6) any increase in duration of floodplain inundation is not to exceed 72 hours or 20 per cent of existing flood duration (whichever is greater). 	Condition as per approved draft EA, dated 28 August 2015.

Id #	Original draft EA condition	Final EA condition	Justification
	<p>and</p> <p>6. any increase in duration of floodplain inundation is not to exceed 72 hours or 20 per cent of existing flood duration (whichever is greater).</p>		
K4	A copy of the certification required by condition K3 is to be provided to the Administering Authority upon request.	A copy of the certification required by Condition K3 is to be provided to the Administering Authority upon request.	Condition as per approved draft EA, dated 28 August 2015.
K5	Land owners, residents, asset owners likely to be impacted by changes to the existing flooding/drainage system, and, at a minimum, Toowoomba Regional Council and the Queensland Reconstruction Authority must be consulted prior to completion of the final rail spur design	Land owners, residents, asset owners likely to be impacted by changes to the existing flooding/drainage system, and, at a minimum, Toowoomba Regional Council and the Queensland Reconstruction Authority must be consulted prior to completion of the final rail spur design	Condition as per approved draft EA, dated 28 August 2015.
K6	Where the rail spur cannot be designed, constructed and maintained so as not to cause or increase flood damage at residential premises or at a commercial premises, compensation is to be negotiated with affected land owners, residents, and asset owners.	Where the rail spur cannot be designed, constructed and maintained so as not to cause or increase flood damage at residential premises or at a commercial premises, compensation is to be negotiated with affected land owners, residents, and asset owners.	Condition as per approved draft EA, dated 28 August 2015.
Agency interest: Light			
L1	Subject to Condition L2 , the emission of light resulting from the mining activity must not cause an environmental nuisance at any sensitive place.	Subject to Condition L2 , the emission of light resulting from the mining activity must not cause an environmental nuisance at any sensitive place.	Condition as per approved draft EA, dated 28 August 2015.
L2	When requested by the administering authority, an assessment of the light nuisance* must be undertaken within a reasonable and practicable timeframe nominated by the administering authority to investigate any complaint (with in neither frivolous nor vexatious based on mistaken belief in the opinion of the authorised officer) of environmental nuisance at any sensitive place, and the results must be notified within	When requested by the administering authority, an assessment of the light nuisance* must be undertaken within a reasonable and practicable timeframe nominated by the administering authority to investigate any complaint (which is neither frivolous nor vexatious based on mistaken belief in the opinion of the authorised officer) of environmental nuisance at any sensitive place, and	Original condition L2 was amended to include the following footnote: “* Assessment to be conducted according to and with reference to the limits specified in AS 4282-1997 Control of the Obtrusive Effects of Outdoor lights”.

Id #	Original draft EA condition	Final EA condition	Justification
	14 days of the administering authority following completion of the assessment.	the results must be notified within 14 days of the administering authority following completion of the assessment. (* Assessment to be conducted according to and with reference to the limits specified in AS 4282-1997 Control of the Obtrusive Effects of Outdoor lights).	
L3	If the assessment indicates Condition L2 is not being met then the environmental authority holder must: a) address the complaint including the use of appropriate dispute resolution if requires; or b) immediately implement light abatement measures so the emissions of light from the activity do not result in further environmental nuisance. (*= Assessment to be conducted according to and with reference to the limits specified in AS 4282-1997 Control of the Obtrusive Effects of Outdoor lights).	If the assessment indicates Condition L2 is not being met then the environmental authority holder must: a) address the complaint including the use of appropriate dispute resolution if required; or b) immediately implement light abatement measures so the emissions of light from the activity do not result in further environmental nuisance.	Original condition L3 was amended to remove “* Assessment to be conducted according to and with reference to the limits specified in AS 4282-1997 Control of the Obtrusive Effects of Outdoor lights”.
Agency interest: Community			
M1	Complaints The holder of this environmental authority must record all environmental complaints received about the mining activities including: a) name, address and contact number for of the complainant; b) time and date of complaint; c) reasons for the complaint;	Complaints The holder of this environmental authority must record all environmental complaints received about the mining activities including: a) name, address and contact number for of the complainant; b) time and date of complaint; c) reasons for the complaint; d) investigations undertaken; e) conclusions formed; f) actions taken to resolve the complaint; g) any abatement measures implemented; and h) person responsible for resolving the complaint.	Original Condition M1 has been amended to include the requirement to submit complaints to the administering authority within 30 days of action taken to resolve the complaint, in accordance with QLC 17-024[1262]-[1263] and [1425]-[1426] .

Id #	Original draft EA condition	Final EA condition	Justification
	d) investigations undertaken; e) conclusions formed; f) actions taken to resolve the complaint; g) any abatement measures implemented; and person responsible for resolving the complaint.	The information as outlined in Condition M1 (a) to (h) with the consent of the complainant must be sent to the administering authority (and the complainant) within 28 days of the action taken to resolve the complaint.	
M2	The holder of this environmental authority must, when requested by the administering authority, undertake relevant specified monitoring within a reasonable timeframe nominated or agreed to by the administering authority to investigate any complaint of environmental harm. The results of the investigation (including an analysis and interpretation of the monitoring results) and abatement measures, where implemented, must be provided to the administering authority within 10 business days of completion of the investigation, or no later than 10 business days after the end of the timeframe nominated by the administering authority to undertake the investigation.	The holder of this environmental authority must, when requested by the administering authority, undertake relevant specified monitoring within a reasonable timeframe nominated or agreed to by the administering authority to investigate any complaint of environmental harm. The results of the investigation (including an analysis and interpretation of the monitoring results) and abatement measures, where implemented, must be provided to the administering authority within 10 business days of completion of the investigation, or no later than 10 business days after the end of the timeframe nominated by the administering authority to undertake the investigation.	Condition as per approved draft EA, dated 28 August 2015.
M3	Notification of emergencies, incidents and exceptions The holder of this environmental authority must notify the administering authority by written notification within 24 hours after becoming aware of any emergency or incident which results in the release of contaminants not in accordance, or reasonably expected to be not in accordance with, the conditions of this environmental authority.	Notification of emergencies, incidents and exceptions The holder of this environmental authority must notify the administering authority by written notification within 24 hours after becoming aware of any emergency or incident which results in the release of contaminants not in accordance, or reasonably expected to be not in accordance with, the conditions of this environmental authority.	Condition as per approved draft EA, dated 28 August 2015.
M4	Within 10 business days following the initial notification of an emergency or incident, or receipt of monitoring	Within 10 business days following the initial notification of an emergency or incident, or receipt of monitoring results, whichever is the later, further	Condition as per approved draft EA, dated 28 August 2015.

Id #	Original draft EA condition	Final EA condition	Justification
	<p>results, whichever is the latter, further written advice must be provided to the administering authority, including the following:</p> <p>a) results and interpretation of any samples taken and analysed;</p> <p>b) outcomes of actions taken at the time to prevent or minimise unlawful environmental harm; and</p> <p>proposed actions to prevent a recurrence of the emergency or incident.</p>	<p>written advice must be provided to the administering authority, including the following:</p> <p>a) results and interpretation of any samples taken and analysed;</p> <p>b) outcomes of actions taken at the time to prevent or minimise unlawful environmental harm; and</p> <p>c) proposed actions to prevent a recurrence of the emergency or incident.</p>	
M5		At the completion of mining, the environmental authority holder must apply to the relevant authority to restore or provide alternative road access to Acland Township, in particular the war memorial.	New Condition – Final Condition M5 has been included in the final EA in reflection of QLC17-024[866] .
M6		Basalt from stockpiles must only be transported within the approved mining area as indicated in Figure 1 (Revised Project Overview - Mine Area), wherever possible.	New Condition – Final Condition M6 has been included in the final EA in reflection of QLC17-024[868] .
M7		The environmental authority holder must provide an independent counselling service accessible to all local landowners located within 5km of the mining lease boundary to deal with concerns, stress and emotional distress associated with mining activities.	New Condition – Final Condition M7 has been included in the final EA in reflection of QLC17-024[1256] .
Additional definitions			
noise sensitive place	<p>means:</p> <ul style="list-style-type: none"> a legal dwelling, caravan park, residential marina or other residential premises; or a motel, hotel or hostel; or 	New definition – noise sensitive place has been included in the final EA to increase the enforceability of Table B1.	

Id #	Original draft EA condition	Final EA condition	Justification
	<ul style="list-style-type: none"> • a kindergarten, school, university or other educational institution; or • a medical centre or hospital; or • a protected area; or • a public park or gardens; and • includes the curtilage of any such place. <p>but does not include</p> <p>(a) places that are within the boundaries of the mining lease; or</p> <p>(b) places that are owned or leased by the holder of the environmental authority or its related companies; or</p> <p>(c) places for which an agreement has been entered into between the holder of the environmental authority and the owner of the place for the provision of alternative measures to mitigate the impact of mining activities for the Stage 3 New Acland Mine Project at the place, where those measures are reasonably expected to result in noise levels experienced at the place that are consistent with the relevant limits in Table F1 - Noise Limits.</p>		
suitably qualified and experienced person in relation to air emissions	A person who is a Registered Professional Engineer of Queensland (RPEQ) under the provisions of the Professional Engineers Act 2002, and has demonstrated competency and relevant experience in relation to air emissions.	New definition – suitably qualified and experienced person in relation to air has been included in the final EA in reflection of QLC17-024 [699] .	
suitably qualified person in relation to noise	A person who is a Registered Professional Engineer of Queensland (RPEQ) under the provisions of the Professional Engineers Act 2002, and has demonstrated competency and relevant experience as an acoustician.	New definition – suitably qualified and experienced person in relation to noise. This definition has been included as requested by NAC during the development of the final EA.	