

Appendices

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Appendix 1

Compliance Tables for Development Consents and Environment Protection Licence^{*}

(Total No. of pages including blank pages = 48)

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|------------|--|
| Table A1.1 | Compliance with Development Consent DA 283/97 – Mod 4 for Operation of Possum Brush Quarry (Issued by Minister for Planning on 1 April 2016)
– Period 1 July 2017 to 30 June 2018 |
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– Period 1 July 2017 to 30 June 2018 |

* Available on USB or for perusal at the Quarry Administration Office during office hours.

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**Compliance with Development Consent DA 283/97 Modification 4 (Issued 1 April 2016)
for Operation of Possum Brush Quarry
Period 1 July 2017 to 30 June 2018**

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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
SCHEDULE 2 – ADMINISTRATIVE CONDITIONS (Cont'd)			
STRUCTURAL ADEQUACY			
12	The Applicant shall ensure that all new buildings and structures, and any alterations or additions to existing buildings and structures, are constructed in accordance with the relevant requirements of the BCA. (Note: This requirement does not apply to processing plant and related components).	NA	No new buildings or structures were constructed or altered during the period 1 July 2017 to 30 June 2018. Source: Quarry Manager
DEMOLITION			
13	The Applicant shall ensure that all demolition work is carried out in accordance with <i>Australian Standard AS 2601-2001: The Demolition of Structures</i> , or its latest version.	NYA	No demolition work was carried out during the period 1 July 2017 to 30 June 2018. Source: Quarry Manager
PROTECTION OF PUBLIC INFRASTRUCTURE			
14	The Applicant shall: a) repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by the development; and b) relocate, or pay the full costs associated with relocating, any public infrastructure that needs to be relocated as a result of the development. <i>Note: This condition does not apply to damage to roads caused as a result of general road usage.</i>	NA	No public infrastructure was damaged during the period 1 July 2017 to 30 June 2018. Source: Quarry Manager
OPERATION OF PLANT AND EQUIPMENT			
15	The Applicant shall ensure that all the plant and equipment used at the site is maintained and operated in a proper and efficient manner.	Yes	Observation by R. Corkery and advice from QSE Manager arising from workplace inspections all bunding and spill containment systems were in place.
IDENTIFICATION OF APPROVED LIMITS OF EXTRACTION			
16	Prior to 30 September 2016, unless otherwise agreed by the Secretary, the Applicant shall: a) engage a registered surveyor to mark out the boundaries of the approved limits of extraction within the development area (see Appendix 1); and b) submit a survey plan of these boundaries with applicable GPS coordinates to the Secretary.	Yes* Yes*	A copy of the survey plan was submitted to DPE on 12 September 2016.
17	While quarrying operations are being carried out, the Applicant shall ensure that these boundaries are clearly marked at all times in a manner that allows operating staff and inspecting officers to clearly identify the approved limits of extraction.	Yes	All existing boundary posts are present on site – some of which were observed by R. Corkery on 10 August 2018. The boundary markers are checked during workplace inspections.
Yes* = Compliance established initially – no longer requires compliance assessment			
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**Compliance with Development Consent DA 283/97 Modification 4 (Issued 1 April 2016)
for Operation of Possum Brush Quarry
Period 1 July 2017 to 30 June 2018**

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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)			
NOISE (Cont'd)			
Operating Conditions			
2	The Applicant shall:		
	a) implement best practice management to minimise the operational and road transportation noise of the development;	Yes	PBM operates the quarry with a high degree of control to limit noise, particularly noise from exhaust brakes on trucks departing the Quarry.
	b) minimise the noise impacts of the development during meteorological conditions when the noise criteria in this consent do not apply (see Appendix 3);	Yes	The stability conditions nominated in Appendix 3 rarely occur during the approved operating hours given the Quarry's close proximity to the coast. Source: Quarry Manager
	c) carry out regular monitoring to determine whether the development is complying with the relevant conditions of this consent; and	Yes	Monitoring is currently undertaken quarterly in accordance with Appendix 3 (Condition 4).
	d) regularly assess noise monitoring data and modify and/or stop operations on site to ensure compliance with the relevant conditions of this consent, to the satisfaction of the Secretary.	Yes	Monitoring data provided is routinely reviewed upon receipt. Modifications to any specific issue (or item of equipment) arising from the monitoring data would be addressed immediately following the review. Source: Quarry Manager
Noise Management Plan			
3	<p>The Applicant shall prepare a Noise Management Plan for the development to the satisfaction of the Secretary. In addition to the standard requirements for management plans (see condition 2 of Schedule 5) this plan must:</p> <p>a) be submitted to the Secretary for approval within three months of the date of approval of Modification 4, unless otherwise agreed by the Secretary;</p> <p>b) describe the measures that would be implemented to ensure:</p> <ul style="list-style-type: none"> compliance with the noise criteria in this consent; best practice management is being employed; and the noise impacts of the development are minimised during meteorological conditions under which the noise criteria in this consent do not apply (see Appendix 3); <p>c) describe the proposed noise management system; and</p>	Yes	The updated Noise Management Plan was submitted to the DPE on 4 January 2018 and approved on 12 March 2018. Source: QSE Manager
<p>Yes* = Compliance established initially – no longer requires compliance assessment</p> <p>Yes = Compliance established fully during the 2018 audit for the period 1 July 2017 to 30 June 2018</p> <p>NA = Not Applicable NYA = Not Yet Applicable ND = Not Determined</p>			

Table A1.1
Compliance with Development Consent DA 283/97 Modification 4 (Issued 1 April 2016)
for Operation of Possum Brush Quarry
Period 1 July 2017 to 30 June 2018

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Condition No.	Conditional Requirement	Compliance	Basis for Assessment												
SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)															
NOISE (Cont'd)															
Noise Management Plan (Cont'd)															
3 (Cont'd)	d) include a monitoring program that will be put in place to measure noise from the development against the noise criteria in Table 2, and which evaluates and reports on the effectiveness of the noise management system on site; and														
	The Applicant shall implement the management plan as approved from time to time by the Secretary.	Yes	PBM implements the approved Noise Management Plan. Source: Quarry Manager.												
BLASTING															
Blasting Impact Assessment Criteria															
4	<p>The Applicant shall ensure that blasting on site does not cause any exceedance of the criteria in Table 3.</p> <p><i>Table 3: Blasting criteria</i></p> <table> <tr> <th>Location</th><th>Airblast overpressure (dB(Lin Peak))</th><th>Ground vibration (mm/s)</th><th>Allowable exceedance</th></tr> <tr> <td></td><td>120</td><td>10</td><td>0%</td></tr> <tr> <td>Any residence on privately owned land</td><td>115</td><td>5</td><td>5% of the total number of blasts over a period of 12 months</td></tr> </table> <p>However, these criteria do not apply if the Applicant has a written agreement with the relevant owner to exceed the limits in Table 3, and the Applicant has advised the Department in writing of the terms of this agreement.</p>	Location	Airblast overpressure (dB(Lin Peak))	Ground vibration (mm/s)	Allowable exceedance		120	10	0%	Any residence on privately owned land	115	5	5% of the total number of blasts over a period of 12 months	Yes	<p>All blasts during 2017-2018 satisfied all blasting criteria.</p> <p>Results recording compliance are held at the Quarry Administration Office and posted on the PBM website.</p>
Location	Airblast overpressure (dB(Lin Peak))	Ground vibration (mm/s)	Allowable exceedance												
	120	10	0%												
Any residence on privately owned land	115	5	5% of the total number of blasts over a period of 12 months												
Blasting Frequency															
5	<p>The Applicant may carry out a maximum of 2 blasts per calendar month, unless an additional blast is required following a blast misfire. This condition does not apply to blasts required to ensure the safety of the quarry or workers on site.</p> <p><i>Note: For the purposes of this condition a blast refers to a single blast event, which may involve a number of individual blasts fired in quick succession in a discrete area of the quarry.</i></p>	Yes	<p>A total of six blasts were initiated in 2017-2018.</p> <p>Records are held at the Quarry Administration Office and posted on the PBM website.</p>												
Operating Conditions															
6	<p>During blasting operations, the Applicant shall:</p> <p>a) implement best management practice to:</p> <ul style="list-style-type: none"> protect the safety of people and livestock in the areas surrounding blasting operations; protect public or private infrastructure/property in the surrounding area from damage from blasting operations; and minimise the dust and fume emissions of blasting; 	Yes	<p>PBM and its blasting contractor adopt best management practices and rely on a robust site law developed based on previous blasts.</p> <p>Source: Quarry Manager</p>												
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Compliance with Development Consent DA 283/97 Modification 4 (Issued 1 April 2016)
for Operation of Possum Brush Quarry
Period 1 July 2017 to 30 June 2018

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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)			
BLASTING (Cont'd)			
Operating Conditions (Cont'd)			
6 (Cont'd)	b) operate a suitable system to enable the local community to get up-to-date information on the proposed blasting schedule on site; and	Yes	PBM notifies seven surrounding landowners / occupiers about impending blasts in the manner preferred by each landowner / occupier. Source: Quarry Manager
	c) carry out regular monitoring to determine whether the development is complying with the relevant conditions of this consent, to the satisfaction of the Secretary.	Yes	All blasts are monitored with records held at the Quarry Administration Office. Section 6.3 provides a summary of the blast monitoring results, all of which comply with the relevant conditions.
7	Upon written request of the owner of any existing dwelling house located within 1.25 kilometres of the development, the Applicant shall arrange at its own costs, for the inspection by a technically qualified person agreed to by both parties, to record the material condition of any existing dwelling house. The Applicant shall supply a copy of any inspection report, certified by the person who undertook the inspection, to the relevant property owner within fourteen days of receipt of the report. Should the inspection report find that structural damage to the dwelling house has occurred as a result of blasting at the quarry, the owner of that dwelling house may request the Applicant to carry out works to remedy or mitigate that damage. Such works shall be carried out at the Applicant's expense and shall be agreed to by the owner of the dwelling house. In the event of a dispute between the Applicant and the owner of an existing dwelling house arising from the requirements of this condition, the Applicant shall refer the matter for the consideration and decision of the Secretary.	NYA	No owner has yet approached PBM requesting an inspection of their residence. Source: Quarry Manager.
Blast Management Plan			
8	The Applicant shall prepare a Blast Management Plan for the development to the satisfaction of the Secretary. In addition to the standard requirements for management plans (see condition 2 of Schedule 5) this plan must: a) be submitted to the Secretary for approval within three months of the date of approval of Modification 4, unless otherwise agreed by the Secretary; b) describe the measures that would be implemented to ensure compliance with the blast criteria and operating conditions of this consent; c) include a monitoring program for evaluating and reporting on compliance with the blasting criteria in this consent;	NYA	The updated Blast Management Plan was submitted to the DPE on 4 January 2018 and was approved on 12 March 2018. Source: QSE Manager.
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**Compliance with Development Consent DA 283/97 Modification 4 (Issued 1 April 2016)
for Operation of Possum Brush Quarry
Period 1 July 2017 to 30 June 2018**

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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)			
AIR QUALITY (Cont'd)			
Operating Conditions (Cont'd)			
10 (Cont'd)	d) minimise the air quality impacts of the development during adverse meteorological conditions and extraordinary events (see noted under Table 4); and e) minimise the area of surface disturbance and maximise progressive rehabilitation of the site, to the satisfaction of the Secretary.	Yes NYA	PBM suspends dust-generating activities in exposed areas of the Quarry during periods of high winds, i.e. from the west-southwest to northwest quadrant. Source: Quarry Manager. Progressive rehabilitation has previously been undertaken as terminal benches are completed. No progressive rehabilitation was undertaken during 2017-2018 nor was any required.
Quarry-owned Land			
11	The Applicant shall ensure that all reasonable and feasible avoidance and mitigation measures are employed so that particulate matter emissions generated by the development do not cause exceedances of the criteria in Table 4 at any occupied residence on quarry-owned land unless: a) the tenant has been notified of any health risks associated with such exceedances in accordance with the notification requirements under Schedule 4 of this consent; and b) the tenant of any land owned by the Applicant can terminate their tenancy agreement without penalty at any time, subject to giving reasonable notice, to the satisfaction of the Secretary.	NA	There are no residences on Quarry-owned land.
Air Quality Management Plan			
12	The Applicant shall prepare an Air Quality Management Plan for the development to the satisfaction of the Secretary. In addition to the standard requirements for management plans (see condition 2 of Schedule 5) this plan must: a) be submitted to the Secretary for approval by within three months of the date of approval of Modification 4, unless otherwise agreed by the Secretary; b) describe the measures that would be implemented to ensure: <ul style="list-style-type: none"> • compliance with the relevant conditions of this consent; • best practice management is being employed; and • the air quality impacts of the development are minimised during adverse meteorological conditions and extraordinary events; 	NYA	The amended Air Quality Management Plan was submitted on 4 January 2018 to the DPE and approved on 6 February 2018. Source: QSE Manager.

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Table A1.1
Compliance with Development Consent DA 283/97 Modification 4 (Issued 1 April 2016)
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Period 1 July 2017 to 30 June 2018

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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)			
AIR QUALITY (Cont'd)			
Air Quality Management Plan (Cont'd)			
12 (Cont'd)	<p>c) describe the proposed air quality management system; and</p> <p>d) include an air quality monitoring program that:</p> <ul style="list-style-type: none"> • is capable of evaluating the performance of the development; • includes a protocol for determining any exceedances of the relevant conditions of consent; • effectively supports the air quality management system; and • evaluates and reports on the adequacy of the air quality management system. <p>The Applicant shall implement the management plan as approved from time to time by the Secretary.</p>	NYA	PBM implements the approved Air Quality Management Plan. Source: Quarry Manager
Meteorological Monitoring			
13	For the life of the development, the Applicant shall ensure that there is a suitable meteorological station operating in the vicinity of the site that complies with the requirements in the <i>Approved Methods for Sampling of Air Pollutants in New South Wales</i> guideline.	Yes	The on-site meteorological station (near the Quarry Administration Office). The monitoring station was struck by lightning on 6 November 2017 after which it was returned to the supplier for repair. Recording resumed on 20 December 2017. PBM subsequently upgraded the lightning protection system to better protect the station. During the period from 6 November 2017, PBM recorded rainfall manually and drew data for other parameters from the Failford Quarry.
Greenhouse Gas Emissions			
14	The Applicant shall implement all reasonable and feasible measures to minimise the release of greenhouse gas emissions from the site.	Yes	PBM endeavours to minimise both diesel and electrical power which in turn minimises greenhouse gas emissions. Source: Quarry Manager
SOIL AND WATER			
Water Supply			
15	<p>The Applicant shall ensure it has sufficient water for all stages of the development, and if necessary, adjust the scale of quarrying operations to match the available water supply.</p> <p><i>Note: Under the Water Act 1912 and/or the Water Management Act 2000, the Applicant is required to obtain the necessary water licences for the development.</i></p>	Yes	The volume of water accumulating in Dams 1, 3 and 4 and the Area A sump is more than sufficient to meet the on-site water requirements. No water licences are required. Source: Quarry Manager
<p>Yes* = Compliance established initially – no longer requires compliance assessment</p> <p>Yes = Compliance established fully during the 2018 audit for the period 1 July 2017 to 30 June 2018</p> <p>NA = Not Applicable NYA = Not Yet Applicable ND = Not Determined</p>			

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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)			
SOIL AND WATER (Cont'd)			
Water Discharges			
16	The Applicant shall comply with the discharge limits in any EPL, or with section 120 of the POEO Act.	Yes	The results summarised in Section 7 demonstrate compliance with this requirement.
17	In the event that groundwater in excess of negligible quantities is intersected during quarrying operations, the Applicant shall undertake a hydrogeological investigation, in consultation with DPI Water, to the satisfaction of the Secretary. The investigation must report on groundwater sources, levels, yield and quality; identify any risks to groundwater users or groundwater dependent ecosystems and propose recommended management measures. The Applicant must implement reasonable and feasible management measures to the satisfaction of the Secretary.	NYA	Groundwater has not yet been intersected within the approved extraction areas.
Water Management Plan			
18	The Applicant shall prepare a Water Management Plan for the development to the satisfaction of the Secretary. In addition to the standard requirements for management plans (see condition 2 of Schedule 5) this plan must: a) be prepared in consultation with the EPA and DPI Water; b) be submitted to the Secretary for approval within three months of the date of approval of Modification 4, unless otherwise agreed by the Secretary; c) include a Site Water Balance that includes details of: <ul style="list-style-type: none"> sources and security of water supply; water uses, losses and management on site; any off-site water transfers; and reporting procedures; and d) include a Surface Water Management Plan that includes: <ul style="list-style-type: none"> detailed baseline data on surface water flows and quality in water bodies that could potentially be affected by the development; a detailed description of the surface water management system on site, including the: <ul style="list-style-type: none"> clean water diversion system; erosion and sediment controls; stormwater runoff controls; dirty water management system; and water storages; and 	NYA	The amended Water Management Plan was submitted to the DPE on 4 January 2017 and approved on 15 March 2018. Source: QSE Manager
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Compliance with Development Consent DA 283/97 Modification 4 (Issued 1 April 2016)
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Condition No.	Conditional Requirement	Compliance	Basis for Assessment														
SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)																	
SOIL AND WATER (Cont'd)																	
Water Management Plan (Cont'd)																	
18 (Cont'd)	<ul style="list-style-type: none">a program to monitor and report on:<ul style="list-style-type: none">any surface water discharges;the effectiveness of the water management system; andsurface water flows and quality in local watercourses; andmeasures that would be implemented to minimise water use on site;identification of all reasonable and feasible measures to improve the quality of surface water within and around the site; <p>The Applicant shall implement the management plan as approved from time to time by the Secretary.</p>	NYA	PBM implements the approved Water Management Plan. Source: Quarry Manager.														
LANDSCAPE AND REHABILITATION																	
Rehabilitation Objectives																	
19	<p>The Applicant shall rehabilitate the site to the satisfaction of the Secretary. This rehabilitation must be in accordance with the objectives in Table 5.</p> <table><tr><th>Feature</th><th>Objective</th></tr><tr><td>Site (as a whole)</td><td><ul style="list-style-type: none">Safe, stable and non-polluting.Final landform integrated with surrounding natural landforms as far as is reasonable and feasible, and designed to minimise the visual impacts of the development when viewed from surrounding land.Restored with native, endemic vegetation</td></tr><tr><td>Vegetated land</td><td><ul style="list-style-type: none">Conserved and enhanced with native, endemic vegetation.Containing self-sustaining ecosystems.</td></tr><tr><td>Surface Infrastructure</td><td><ul style="list-style-type: none">Decommissioned and removed, unless the Secretary agrees otherwise.</td></tr><tr><td>Quarry Benches & Pit Floor</td><td><ul style="list-style-type: none">Landscaped and vegetated using native trees and understorey species.</td></tr><tr><td>Final Void</td><td><ul style="list-style-type: none">Minimise the height and slope of batters.Minimise the drainage catchment.</td></tr><tr><td>Community</td><td><ul style="list-style-type: none">Ensure public safety.Minimise the adverse socio-economic effect of quarry closure.</td></tr></table>	Feature	Objective	Site (as a whole)	<ul style="list-style-type: none">Safe, stable and non-polluting.Final landform integrated with surrounding natural landforms as far as is reasonable and feasible, and designed to minimise the visual impacts of the development when viewed from surrounding land.Restored with native, endemic vegetation	Vegetated land	<ul style="list-style-type: none">Conserved and enhanced with native, endemic vegetation.Containing self-sustaining ecosystems.	Surface Infrastructure	<ul style="list-style-type: none">Decommissioned and removed, unless the Secretary agrees otherwise.	Quarry Benches & Pit Floor	<ul style="list-style-type: none">Landscaped and vegetated using native trees and understorey species.	Final Void	<ul style="list-style-type: none">Minimise the height and slope of batters.Minimise the drainage catchment.	Community	<ul style="list-style-type: none">Ensure public safety.Minimise the adverse socio-economic effect of quarry closure.	Noted	The areas of disturbance are currently approaching the maximum approved for the quarry development. Progressive rehabilitation has been undertaken as terminal benches are completed although no terminal benches were completed in 2017-2018 (see Figure 2.2).
Feature	Objective																
Site (as a whole)	<ul style="list-style-type: none">Safe, stable and non-polluting.Final landform integrated with surrounding natural landforms as far as is reasonable and feasible, and designed to minimise the visual impacts of the development when viewed from surrounding land.Restored with native, endemic vegetation																
Vegetated land	<ul style="list-style-type: none">Conserved and enhanced with native, endemic vegetation.Containing self-sustaining ecosystems.																
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Quarry Benches & Pit Floor	<ul style="list-style-type: none">Landscaped and vegetated using native trees and understorey species.																
Final Void	<ul style="list-style-type: none">Minimise the height and slope of batters.Minimise the drainage catchment.																
Community	<ul style="list-style-type: none">Ensure public safety.Minimise the adverse socio-economic effect of quarry closure.																
Rehabilitation Objectives																	
20	<p>The Applicant shall rehabilitate the site progressively, that is, as soon as reasonably practicable following disturbance. All reasonable and feasible measures must be taken to minimise the total area exposed for dust generation at any time. Interim stabilisation measures must be implemented where reasonable and feasible to control dust emissions in disturbed areas that are not active and which are not ready for final rehabilitation.</p> <p><i>Note: It is accepted that parts of the site that are progressively rehabilitated may be subject to disturbance in the future.</i></p>	Noted	The areas of disturbance are currently approaching the maximum approved for the quarry development. Progressive rehabilitation has been undertaken as terminal benches are completed although no terminal benches were completed in 2017-2018 (see Figure 2.2).														
Yes* = Compliance established initially – no longer requires compliance assessment Yes = Compliance established fully during the 2018 audit for the period 1 July 2017 to 30 June 2018 NA = Not Applicable NYA = Not Yet Applicable ND = Not Determined																	

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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)			
LANDSCAPE AND REHABILITATION (Cont'd)			
Landscape and Rehabilitation Management Plan			
21	<p>The Applicant shall prepare a Landscape and Rehabilitation Management Plan for the development to the satisfaction of the Secretary. In addition to the standard requirements for management plans (see condition 2 of Schedule 5) this plan must:</p> <ul style="list-style-type: none"> a) be prepared in consultation with OEH and Council; b) be submitted to the Secretary for approval within three months of the date of approval of Modification 4, unless otherwise agreed by the Secretary; c) provide details of the conceptual final landform and associated land uses for the site; d) describe the short, medium and long-term measures that would be implemented to ensure compliance with the rehabilitation objectives and progressive rehabilitation obligations in this consent; e) include a program to progressively improve the structure and floristic composition of the established wildlife corridor which includes: <ul style="list-style-type: none"> • maintaining a fence around the wildlife corridor to exclude grazing stock; • maintaining wildlife warning signs and speed limits on internal roads; and • making suitable arrangements to protect in perpetuity the wildlife corridor; and f) include a program to monitor Rudder's Box within the Applicant's property; g) include a detailed description of the measures that would be implemented to: <ul style="list-style-type: none"> • maximise the salvage of environmental resources within the approved disturbance area for beneficial reuse; • protect vegetation and fauna habitat outside the approved extraction area; • minimise tree or native vegetation removal or destruction; • use pre-existing or local plant species for revegetation; • minimise the impacts on native fauna and flora, including Brush-tailed Phascogale and Rudder's Box; • landscape the site to minimise visual and lighting impacts; • control weeds and feral pests; 	NYA	<p>The Landscape and Rehabilitation Management Plan was submitted to the DPE on 4 January 2018. PBM is awaiting approval (as on 10 August 2018). Source: QSE Manager</p>
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for Operation of Possum Brush Quarry
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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)			
LANDSCAPE AND REHABILITATION (Cont'd)			
Landscape and Rehabilitation Management Plan (Cont'd)			
21 (Cont'd)	<ul style="list-style-type: none"> • control erosion; • control access; and • bushfire management; and <p>h) include a program to monitor and report on the effectiveness of these measures, and progress against the performance and completion criteria;</p> <p>i) identify the potential risks to the successful rehabilitation of the site, and include a description of the contingency measures that would be implemented to mitigate these risks; and</p> <p>j) include details of who would be responsible for monitoring, reviewing, and implementing the plan.</p> <p>The Applicant shall implement the management plan as approved from time to time by the Secretary.</p>	NYA	PBM is currently implementing the Landscape and Rehabilitation Management Plan previously approved on 4 July 2017. Source: Quarry Manager.
Rehabilitation and Conservation Bond			
22	<p>Within 6 months of the approval of the Landscape and Rehabilitation Management Plan, the Applicant shall lodge a Rehabilitation and Conservation Bond with the Department to ensure that the management of biodiversity and the rehabilitation of the site are implemented in accordance with the performance and completion criteria set out in the Landscape and Rehabilitation Management Plan. The sum of the bond shall be determined by:</p> <p>a) calculating the cost of rehabilitating the site taking into account the likely surface disturbance over the next 3 years of quarrying operations; and</p> <p>b) employing a suitably qualified quantity surveyor or other expert to verify the calculated costs, to the satisfaction of the Secretary.</p> <p><i>Note: If the rehabilitation of the site is completed to the satisfaction of the Secretary, then the Secretary will release the bond. If the rehabilitation of the site is not completed to the satisfaction of the Secretary, then the Secretary will call in all or part of the bond, and arrange for the completion of the relevant works.</i></p>	NYA	The Rehabilitation and Conservation Bond estimate was submitted to DPE on 18 December 2017. PBM is awaiting approval from DPE.
<p>Yes* = Compliance established initially – no longer requires compliance assessment</p> <p>Yes = Compliance established fully during the 2018 audit for the period 1 July 2017 to 30 June 2018</p>			
<p>NA = Not Applicable NYA = Not Yet Applicable ND = Not Determined</p>			

Table A1.1
Compliance with Development Consent DA 283/97 Modification 4 (Issued 1 April 2016)
for Operation of Possum Brush Quarry
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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)			
LANDSCAPE AND REHABILITATION (Cont'd)			
Rehabilitation and Conservation Bond (Cont'd)			
23	<p>Within 3 months of each Independent Environmental Audit (see condition 10 of Schedule 5), the Applicant shall review, and if necessary revise, the sum of the Rehabilitation and Conservation Bond to the satisfaction of the Secretary. This review must consider the:</p> <ul style="list-style-type: none"> a) effects of inflation; b) likely cost of rehabilitating the site (taking into account the likely surface disturbance over the next 3 years of the development); and c) performance of the implementation of the rehabilitation of the site to date. 	NYA	The bond review will be triggered following the 2019 Independent Environmental Audit.
ABORIGINAL CULTURAL HERITAGE			
24	<p>If any item or object of Aboriginal heritage significance is identified on site, the Applicant shall ensure that:</p> <ul style="list-style-type: none"> a) all work in the immediate vicinity of the suspected Aboriginal item or object ceases immediately; b) a 10m buffer area around the suspected item or object is cordoned off with high visibility flagging tape, or the like; and c) OEH is contacted immediately. <p>Work in the vicinity of the Aboriginal item or object may only recommence in accordance with the provisions of Part 6 of the <i>National Parks and Wildlife Act 1974</i>.</p>	NYA	No items or objects have been identified during the period 1 July 2017 to 30 June 2018. Source: Quarry Manager
TRANSPORT			
Transport Routes			
25	No trucks associated with the development are to travel on Bullocky Way, Tritton Road or the section of Possum Brush Road to the west of the intersection with the quarry access road and other minor roads off this section of road unless delivering products to a property fronting onto these roads or providing materials for the maintenance of the roads themselves, without the written agreement of the Secretary.	Yes	All trucks approaching or departing the Quarry are directed (through the Driver's Induction) not to travel on the excluded roads. Source: Quarry Manager
Pacific Highway Intersection			
26	The Applicant shall ensure that appropriate advance warning truck signage is installed or replaced on the northbound and southbound lanes of the Pacific Highway, to the satisfaction of the RMS.	Yes	The required signage was installed on the Pacific Highway approaching Possum Brush Road on 16 February 2018.
Yes* = Compliance established initially – no longer requires compliance assessment			
Yes = Compliance established fully during the 2018 audit for the period 1 July 2017 to 30 June 2018			
NA = Not Applicable		NYA = Not Yet Applicable	ND = Not Determined

Table A1.1
Compliance with Development Consent DA 283/97 Modification 4 (Issued 1 April 2016)
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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)			
TRANSPORT (Cont'd)			
Operating Conditions			
27	<p>The Applicant shall ensure that:</p> <ul style="list-style-type: none"> a) all company owned trucks associated with the quarry have appropriate signage, so they can be easily identified by road users; b) all laden trucks entering or exiting the site have their loads covered; c) all laden trucks exiting the site are cleaned of materials that may fall on the road, before leaving the site; and d) road maintenance requirements, including the removal of any obstructing roadside vegetation, are reported to Council for Possum Brush Road and to RMS for the Pacific Highway. 	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>	<p>R. Corkery observed substantial signage on company-owned trucks.</p> <p>This is a requirement rigidly enforced by PBM. Source: Quarry Manager.</p> <p>This is a requirement rigidly enforced by PBM. Source: Quarry Manager.</p> <p>A request for road maintenance was tabled at the 29 November 2017 CCC Meeting. Source: Quarry Manager</p>
Transport Management Plan			
28	<p>The Applicant shall prepare a Transport Management Plan for the development to the satisfaction of the Secretary. In addition to the standard requirements for management plans (see condition 2 of Schedule 5) this plan must:</p> <ul style="list-style-type: none"> a) be prepared in consultation with RMS and Council; b) be submitted to the Secretary for approval by within three months of the date of approval of Modification 4, unless otherwise agreed by the Secretary; c) include a Drivers' Code of Conduct that details the safe and quiet driving practices that must be used by drivers transporting products to and from the quarry, particularly having regard to early morning truck arrivals, school bus routes and the location of residential properties; and d) describe the measures that would be put in place to ensure compliance with the Drivers' Code of Conduct. <p>The Applicant shall implement the management plan as approved from time to time by the Secretary.</p>	<p>NYA</p> <p>NYA</p>	<p>The amended Transport Management Plan was submitted to the DPE on 4 January 2018 and approved on 6 February 2018. Source: QSE Manager</p> <p>PBM implements the approved Transport Management Plan. Source: Quarry Manager.</p>
Monitoring of Product Transport			
29	<p>The Applicant shall keep accurate records of:</p> <ul style="list-style-type: none"> a) the amount of quarry products transported from the site (calendar month and year); b) the number of truck movements entering and leaving the site (hour, day, calendar month and year); and 	<p>Yes</p>	<p>Detailed records of truck movements and quantities of quarry products despatched from the Quarry are held at the Quarry Administration Office. A summary of the quantities of quarry products despatched is presented in Section 6.5.</p>
<p>Yes* = Compliance established initially – no longer requires compliance assessment</p> <p>Yes = Compliance established fully during the 2018 audit for the period 1 July 2017 to 30 June 2018</p> <p>NA = Not Applicable NYA = Not Yet Applicable ND = Not Determined</p>			

Table A1.1
Compliance with Development Consent DA 283/97 Modification 4 (Issued 1 April 2016)
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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)			
TRANSPORT (Cont'd)			
Monitoring of Product Transport (Cont'd)			
29 (Cont'd)	c) include these records in the Annual Review (see condition 9 of Schedule 5). <i>Note: Records must include material provided to Council, referred to in condition 19 of Schedule 2.</i>	Yes	A summary of truck movements is presented in Section 6.5 with the records reproduced in Appendix 3 .
VISUAL IMPACTS			
30	The Applicant shall: a) implement all reasonable and feasible measures to minimise the visual and off-site lighting impacts of the development; and b) take all practical measures to shield views of quarrying operations from users of public roads and privately-owned residences, to the satisfaction of the Secretary.	Yes	The Quarry is well shielded by topography and vegetation – Observation by R. Corkery.
WASTE			
31	The Applicant shall: a) implement all reasonable and feasible measures to minimise the waste generated by the development; b) ensure that the waste generated by the development is appropriately stored, handled and disposed of; and c) monitor and report on effectiveness of the waste management and minimisation in the Annual Review (see condition 9 of Schedule 5), to the satisfaction of the Secretary.	Yes	PBM maintains a number of waste skips and bins for specific wastes, e.g. general waste, waste oil, cardboard, tyres and metals. Records of the removal of these wastes are maintained at the Quarry Administration Office
ODOUR			
32	The Applicant shall not cause or permit the emission of offensive odour beyond the boundaries of the site.	Yes	No odour was observed on site by R. Corkery.
LIQUID STORAGE			
33	The Applicant shall ensure that all liquid tanks and similar storage facilities (other than for water) are protected by appropriate bunding, which must exceed 110% of the stored volume of the liquid.	Yes	All liquid tanks and storage facilities are appropriately bunded with appropriate signage for on-site personnel. The integrity of all bunds and signage is reviewed during each workplace inspection.
DANGEROUS GOODS			
34	The Applicant shall ensure that the storage, handling, and transport of dangerous goods is done in accordance with the relevant <i>Australian Standards</i> , particularly AS1940 and AS1596, and the <i>Dangerous Goods Code</i> .	Yes	PBM maintains six dedicated storage locations for dangerous goods around the Quarry. All dangerous goods are appropriately labelled and stored at these locations. All dangerous goods are recorded on a site register. Source: QSE Manager
Yes* = Compliance established initially – no longer requires compliance assessment			
Yes = Compliance established fully during the 2018 audit for the period 1 July 2017 to 30 June 2018			
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Table A1.1
Compliance with Development Consent DA 283/97 Modification 4 (Issued 1 April 2016)
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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)			
BUSHFIRE			
35	The Applicant shall: a) ensure that the development is suitably equipped to respond to any fires on site; and b) assist the Rural Fire Service, emergency services and National Parks and Wildlife Service as much as possible if there is a fire in the surrounding area.	Yes NYA	All earthmoving equipment is fitted with fire extinguishers and the on-site water truck is fitted with pumps and pipework for use in fire fighting. PBM is willing to assist the RFS and NP&WS in the event of any fires in the area surrounding the Quarry.
SCHEDULE 4 – ADDITIONAL PROCEDURES			
NOTIFICATION OF LANDOWNERS			
1	As soon as practicable after obtaining monitoring results showing: a) an exceedance of any relevant criteria in Schedule 3, the Applicant shall notify the affected landowners in writing of the exceedance, and provide regular monitoring results to each affected landowner until the development is again complying with the relevant criteria; and b) an exceedance of any relevant air quality criteria in Schedule 3, the Applicant shall send a copy of the NSW Health fact sheet entitled "Mine Dust and You" (as may be updated from time to time) to the affected landowners and current tenants of the land (including the tenants of land which is not privately-owned).	NA	There have not been any exceedances arising from the monitoring programs that have required reference to surrounding landowners, i.e. during the period 1 July 2017 to 30 June 2018.
INDEPENDENT REVIEW			
2	If an owner of privately-owned land considers the development to be exceeding the relevant criteria in Schedule 3, then he/she may ask the Secretary in writing for an independent review of the impacts of the development on his/her land.	NA	No requests were made to the Secretary by any owner during the period 1 July 2017 to 30 June 2018.
3	If the Secretary is satisfied that an independent review is warranted, then within 2 months of the Secretary's decision the Applicant shall: a) commission a suitably qualified, experienced and independent person, whose appointment has been approved by the Secretary, to: • consult with the landowner to determine his/her concerns; • conduct monitoring to determine whether the development is complying with the relevant criteria in Schedule 3; and • if the development is not complying with these criteria then identify measures that could be implemented to ensure compliance with the relevant criteria; and b) give the Secretary and landowner a copy of the independent review.	NA NYA	No requests were made to the Secretary by any owner during the period 1 July 2017 to 30 June 2018.
Yes* = Compliance established initially – no longer requires compliance assessment Yes = Compliance established fully during the 2018 audit for the period 1 July 2017 to 30 June 2018 NA = Not Applicable NYA = Not Yet Applicable ND = Not Determined			

Table A1.1
Compliance with Development Consent DA 283/97 Modification 4 (Issued 1 April 2016)
for Operation of Possum Brush Quarry
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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
SCHEDULE 5 – ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING			
ENVIRONMENTAL MANAGEMENT			
Environmental Management Strategy			
1	<p>The Applicant shall prepare and implement an Environmental Management Strategy for the development to the satisfaction of the Secretary. This strategy must:</p> <ol style="list-style-type: none"> be submitted to the Secretary for approval within three months of the date of approval of Modification 4, unless otherwise agreed by the Secretary; provide the strategic framework for the environmental management of the development; identify the statutory approvals that apply to the development; describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the development; describe the procedures that would be implemented to: <ul style="list-style-type: none"> keep the local community and relevant agencies informed about the operation and environmental performance of the development; receive, handle, respond to, and record complaints; resolve any disputes that may arise during the course of the development; respond to any non-compliance; and respond to emergencies; and include: <ul style="list-style-type: none"> copies of any strategies, plans and programs approved under the conditions of this development consent; and a clear plan depicting all the monitoring required to be carried out under the conditions of this consent. 	NYA	The amended Environmental Management Strategy was submitted to the DPE on 4 January 2018 and approved on 12 March 2018. Source: QSE Manager
Management Plan Requirements			
2	<p>The Applicant shall ensure that the Management Plans required under this consent are prepared in accordance with any relevant guidelines, and include:</p> <ol style="list-style-type: none"> detailed baseline data; a description of: <ul style="list-style-type: none"> the relevant statutory requirements (including any relevant approval, licence or lease conditions); any relevant limits or performance measures/criteria; and the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the development or any management measures; 	Noted	All Management Plans have been prepared with reference to each of the relevant elements nominated in this condition. Source: QSE Manager

Yes* = Compliance established initially – no longer requires compliance assessment
Yes = Compliance established fully during the 2018 audit for the period 1 July 2017 to 30 June 20187

NA = Not Applicable NYA = Not Yet Applicable ND = Not Determined

Table A1.1
Compliance with Development Consent DA 283/97 Modification 4 (Issued 1 April 2016)
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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
SCHEDULE 5 – ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING (Cont'd)			
ENVIRONMENTAL MANAGEMENT (Cont'd)			
Management Plan Requirements (Cont'd)			
2 (Cont'd)	<p>c) a description of the measures that would be implemented to comply with the relevant statutory requirements, limits, or performance measures/criteria;</p> <p>d) a program to monitor and report on the:</p> <ul style="list-style-type: none"> impacts and environmental performance of the development; and effectiveness of any management measures (see (c) above); <p>e) a contingency plan to manage any unpredicted impacts and their consequences;</p> <p>f) a program to investigate and implement ways to improve the environmental performance of the development over time;</p> <p>g) a protocol for managing and reporting any:</p> <ul style="list-style-type: none"> incidents; complaints; non-compliances with statutory requirements; and exceedances of the impact assessment criteria and/or performance criteria; and <p>h) a protocol for periodic review of the plan.</p> <p><i>Note: The Secretary may waive some of these requirements if they are unnecessary or unwarranted for particular management plans.</i></p>		
Updating and Staging Submission of Strategies, Plans or Programs			
3	<p>To ensure the strategies, plans or programs under this consent are updated on a regular basis, and that they incorporate any appropriate mitigation measures to improve the environmental performance of the development, the Applicant may at any time submit revised strategies, plans or programs to the Secretary for approval. With the agreement of the Secretary, the Applicant may also submit any strategy, plan or program required by this consent on a staged basis.</p> <p>With the agreement of the Secretary, the Applicant may revise any strategy, plan or program approved under this consent without consulting with all the parties nominated under the applicable conditions of consent.</p>	Yes	PBM updated all relevant management plans in accordance with this condition and Condition 5(4). Source: QSE Manager
Yes* = Compliance established initially – no longer requires compliance assessment			
Yes = Compliance established fully during the 2018 audit for the period 1 July 2017 to 30 June 2018			
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Table A1.1
Compliance with Development Consent DA 283/97 Modification 4 (Issued 1 April 2016)
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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
SCHEDULE 5 – ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING (Cont'd)			
ENVIRONMENTAL MANAGEMENT (Cont'd)			
Revision of Strategies, Plans and Programs			
4	<p>Within 3 months of the submission of an:</p> <ul style="list-style-type: none"> a) Annual Review under condition 9 below; b) incident report under condition 7 below; c) audit report under condition 10 below; and d) any modifications to this consent, the Applicant shall review, and if necessary revise, the strategies, plans, and programs required under this consent, to the satisfaction of the Secretary. 	Yes	PBM reviewed all relevant management plans and submitted to the DPE immediately following the DPE Christmas Holiday Shutdown period. Source: Quarry Manager.
Adaptive Management			
5	<p>The Applicant shall assess and manage development-related risks to ensure that there are no exceedances of the criteria and/or performance measures in Schedule 3. Any exceedance of these criteria and/or performance measures constitutes a breach of this consent and may be subject to penalty or offence provisions under the EP&A Act or EP&A Regulation.</p> <p>Where any exceedance of these criteria and/or performance measures has occurred, the Applicant shall, at the earliest opportunity:</p> <ul style="list-style-type: none"> a) take all reasonable and feasible measures to ensure that the exceedance ceases and does not recur; b) consider all reasonable and feasible options for remediation (where relevant) and submit a report to the Department describing those options and any preferred remediation measures or other course of action; and c) implement remediation measures as directed by the Secretary, to the satisfaction of the Secretary. 	Noted	PBM fully understands the requirements of this condition. Source: Quarry Manager
COMMUNITY CONSULTATIVE COMMITTEE			
6	The Applicant shall operate a Community Consultative Committee (CCC) for the development, to the satisfaction of the Secretary. This CCC must be operated in general accordance with the Guidelines for Establishing and Operating Community Consultative Committees for Mining Projects (Department of Planning, 2007, or its latest versions).	Yes	One meeting was held during the reporting period (29 November 2017). PBM will continue to participate with the CCC established under the initial development consent.
<p>Yes* = Compliance established initially – no longer requires compliance assessment</p> <p>Yes = Compliance established fully during the 2018 audit for the period 1 July 2017 to 30 June 2018</p> <p>NA = Not Applicable NYA = Not Yet Applicable ND = Not Determined</p>			

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Table A1.1
Compliance with Development Consent DA 283/97 Modification 4 (Issued 1 April 2016)
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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
SCHEDULE 5 – ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING (Cont'd)			
ANNUAL REVIEW (Cont'd)			
9 (Cont'd)	c) identify any non-compliance over the last year, and describe what actions were (or are being) taken to ensure compliance;	Yes	No non-compliances were recorded during 2017-2018.
	d) identify any trends in the monitoring data over the life of the development;	Yes	See Tables 5 to 9 .
	e) identify any discrepancies between the predicted and actual impacts of the development, and analyse the potential cause of any significant discrepancies; and	Yes	No discrepancies between predicted and actual impacts occurred.
	f) describe what measures will be implemented over the current calendar year to improve the environmental performance of the development.	Yes	See Section 12.
	The Applicant shall ensure that copies of the Annual Review are submitted to Council and are available to the Community Consultative Committee (see condition 6 of Schedule 5) and any interested person upon request.	Yes	PBM will provide the Annual Review to Council and CCC as has been past practice as well as posting it on PBM's website. Source: Quarry Manager
INDEPENDENT ENVIRONMENTAL AUDIT			
10	By 30 September 2016, and every 3 years thereafter, unless the Secretary directs otherwise, the Applicant shall commission and pay the full cost of an Independent Environmental Audit of the development. This audit must: a) be conducted by suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary; b) include consultation with the relevant agencies; c) assess the environmental performance of the development and whether it is complying with the relevant requirements in this consent and any relevant EPL and/or Water License (including any assessment, plan or program required under these approvals); d) review the adequacy of any approved strategy, plan or program required under these approvals; and e) recommend measures or actions to improve the environmental performance of the development, and/or any assessment, plan or program required under these approvals. <i>Note: This audit team must be led by a suitably qualified auditor and include experts in any fields specified by the Secretary.</i>	Yes	PBM commissioned Trevor Brown and Associates to undertake the first Independent Environmental Audit. Mr Brown was approved by DPE as an independent auditor in correspondence dated 12 September 2016. (The next Independent Environmental Audit is due to be undertaken by October 2019).
Yes* = Compliance established initially – no longer requires compliance assessment			
Yes = Compliance established fully during the 2018 audit for the period 1 July 2017 to 30 June 2018			
NA = Not Applicable		NYA = Not Yet Applicable	ND = Not Determined

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Table A1.2
Compliance for Development and Operation of Asphalt Plant DA 1127/2005 – Period 2017-2018

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Condition No.	Subject	Compliance	Basis for Assessment
1	Development of the site generally in accordance with the Statement of Environmental Effects.	Yes	Observation by R. Corkery.
2	Submit Construction Certificate with Council at least 48 hours prior to commencement of any building work on the site.	Yes*	Construction Certificate submitted on 24 November 2007. No further building work required.
3	Payment of the prescribed Long Service Levy Fee prior to the issue of a Construction Certificate.	Yes*	Source: Quarry Manager.
4	Repair any damage to existing roads caused during the construction works, prior to the issue of an Occupation Certificate.	NA	No damage was caused during the construction period.
5	<ul style="list-style-type: none"> Gross Pollutant Traps (GPT) are to be installed at the last inlet pits before stormwater enters receiving waters. Details of the GPTs, submitted to Council with the engineering drawings. 	NA	Reliance placed on existing water management structures within the Possum Brush Quarry.
6	All adjustments to existing utility services are to be undertaken by the developer.	Yes	All services are now in place.
7	Repair any damage to existing roads caused during the constructions works prior to the issue of an Occupation Certificate.	NA	No damage was caused during the construction period.
8	Compliance with the General Terms of Approval issued by the Department of Environment and Conservation.	Yes	The nominated conditions are consistent with EPL 3393 (see Table A1-4).
9	The plant being operated in accordance with the details provided in the Statement of Environmental Effects.	Yes	Plant is being operated generally in accordance with the SoEE – observation by R. Corkery.
10	The plant will be permitted to operate 24 hours per day from 6:30am Monday to 10:00pm Friday for a maximum of 60 days per calendar year. A monthly report providing details to be available to Council upon request.	Yes	During the reporting period, the plant only operated on eight nights, i.e. well below the 60 days permissible under the condition. Hence, there were no requests for extended hours on any day. No request for a monthly report was made by Council during reporting period.
11	Compliance with any requirements imposed within an EPL issued by the Environment Protection Authority.	Yes	See Table A1.4 .
12	The noise level generated by trucks associated with Pacific Blue Metal Pty Ltd travelling along Possum Brush Road shall not exceed L_{eq1hr} 50dB(A) within 1m of the façade on any residence located between the quarry entrance and Pacific Highway during night-time operation. Biannual monitoring required with notification to affected residents.	Yes	Measurements taken during operations (prior to 6:30am) on 18 July 2017 recorded acceptable noise levels.
13	The review of the EMP is to take into account the potential impact of extended operations on local fauna, effectiveness of existing mitigation measures and any additional measures required to monitor and reduce potential impacts.	Yes	The EMP has been superseded by a set of Management Plans prepared in accordance with DA283/97 (Mod 4).

Yes* = Compliance established initially – no longer requires compliance assessment

Yes = Compliance established fully during the 2018 audit

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NYA = Not Yet Applicable

ND = Not Determined

Note: The construction of the asphalt plant commenced in October 2007 and commissioning was completed in December 2008.



Table A1.3

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Condition No.	Subject	Compliance	Basis for Assessment										
1	The development is to be carried out in accordance with the following approved development plans:	Yes	Incoming waste materials currently stockpiled in Area A – sighted by R. Corkery.										
	<table><tr><th>Title/ Name</th><th>Drawing/ No.</th><th>Revision/ Issue</th><th>Date</th><th>Prepared by</th></tr><tr><td>PBM Recycling</td><td>Proposed Locations</td><td>-</td><td>-</td><td>Pacific Blue Metal Pty Ltd</td></tr></table>			Title/ Name	Drawing/ No.	Revision/ Issue	Date	Prepared by	PBM Recycling	Proposed Locations	-	-	Pacific Blue Metal Pty Ltd
	Title/ Name			Drawing/ No.	Revision/ Issue	Date	Prepared by						
PBM Recycling	Proposed Locations	-	-	Pacific Blue Metal Pty Ltd									
2	The NSW Environment Protection Authority has given General Terms of approval in relation to the development. The General Terms of approval are as follows:												
	a. Trucks associated with the waste recycling activities must not enter the premises prior to 7:00 am. Note: The necessity for this condition will be assessed by the EPA after it has been determined if trucks at the premises are causing exceedances of the L _{Amax} noise limits and/or if all feasible and reasonable noise ameliorative works have been undertaken.	Yes	All truck drivers are advised not to enter site before 7:00am. Source: Quarry Manager										
	b. Stormwater from all areas of the premises which has the potential to mobilise sediments and other material must be controlled and diverted through the appropriate erosion and sediment control and/or pollution control measures/structures.	Yes	All Stormwater is contained within the Quarry Surface Water Management System as discussed in the Water Management Plan.										
	c. Erosion and sediment control and/or pollution measures and/or structures to capture stormwater from all areas of the premises must be installed and maintained.	Yes	All erosion and sediment contained within the Quarry Surface Water Management System. Source: QSE Manager										
	d. The proponent must ensure that any waste received at the premises is assessed and classified in accordance with the EPA's Waste Classification Guidelines as in force from time to time.	Yes	PBM has compiled a comprehensive QA program in consultation with the EPA to formalise waste acceptance criteria.										
	e. The proponent must not cause, permit or allow any waste to be received at the Premises, except the wastes expressly referred to in the column titled "Waste" and meeting the definition, if any, in the column titled "Description" in the table below. Any waste received at the Premises must only be used for activities referred to in relation to that waste in the column titled "Activity" in the table below. Any waste received at the Premises is subject to those limits or condition, if any, referred to in relation to that waste contained in the column titled "Other Limits" in the table below. This condition does not limit any other conditions in this Licence.	Yes	Only permitted wastes have been received to date.										

Yes* = Compliance established initially – no longer requires compliance assessment

Yes = Compliance established fully during the 2018 audit

NA = Not Applicable

NYA = Not Yet Applicable

ND = Not Determined

Note 1: The reference to "Recycling Plant" nominated in DA 769/2009 relates to the recycling operations undertaken within the Possum Brush Quarry. No separate plant exists.

Compliance for Development and Operation of Recycling Plant¹ DA769/2009 – Period 2017-2018

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Condition No.	Subject	Compliance	Basis for Assessment																
	<table border="1"> <thead> <tr> <th>Waste</th><th>Description</th><th>Activity</th><th>Other Limits</th></tr> </thead> <tbody> <tr> <td>General Solid Waste (Non-putrescible)</td><td>Concrete, Bricks, Asphalt and Tiles</td><td>Resource Recovery/Waste Storage</td><td></td></tr> <tr> <td>General Solid Waste (Non-putrescible)</td><td>Building and Demolition Waste that does not contain asbestos as defined in the EPA's Waste Classification Guideline Part 1: Classifying Waste</td><td>Resource Recovery/Waste Storage</td><td>Total 10,000 tonnes per annum</td></tr> <tr> <td>General or Specific exempted waste</td><td>Waste that meets all the conditions of a resource recovery exemption under Clause 51 A of the Protection of the Environment Operations (Waste) Regulation 2005</td><td>As specified in each particular resource recovery exemption.</td><td>NA</td></tr> </tbody> </table>	Waste	Description	Activity	Other Limits	General Solid Waste (Non-putrescible)	Concrete, Bricks, Asphalt and Tiles	Resource Recovery/Waste Storage		General Solid Waste (Non-putrescible)	Building and Demolition Waste that does not contain asbestos as defined in the EPA's Waste Classification Guideline Part 1: Classifying Waste	Resource Recovery/Waste Storage	Total 10,000 tonnes per annum	General or Specific exempted waste	Waste that meets all the conditions of a resource recovery exemption under Clause 51 A of the Protection of the Environment Operations (Waste) Regulation 2005	As specified in each particular resource recovery exemption.	NA		A total of 5 596.94 tonnes of materials were received during the reporting period.
Waste	Description	Activity	Other Limits																
General Solid Waste (Non-putrescible)	Concrete, Bricks, Asphalt and Tiles	Resource Recovery/Waste Storage																	
General Solid Waste (Non-putrescible)	Building and Demolition Waste that does not contain asbestos as defined in the EPA's Waste Classification Guideline Part 1: Classifying Waste	Resource Recovery/Waste Storage	Total 10,000 tonnes per annum																
General or Specific exempted waste	Waste that meets all the conditions of a resource recovery exemption under Clause 51 A of the Protection of the Environment Operations (Waste) Regulation 2005	As specified in each particular resource recovery exemption.	NA																
f.	The proponent must have in place at all times a quality assurance program to ensure only the types of wastes permitted above are received at the premises. This quality assurance program must include: <ul style="list-style-type: none"> i) Inspection of the waste received at the premises (prior to tipping) to ensure it only contains the wastes allowed by an Environment Protection Licence issued by the EPA; ii) Inspection of the waste after tipping at the premises to ensure it only contains the wastes allowed by an Environment Protection Licence issued by the EPA; iii) Documenting all loads of waste that are received at the premises that contain wastes other than those approved above (including name and registration number of waste supplier, why the waste load did not comply, and the fate of that load of waste). 	Yes	PBM has compiled a comprehensive QA program in consultation with the EPA to formalise waste acceptance criteria.																
g.	Prior to any wastes rejected by the Quality Assurance Program leaving the premises the proponent must obtain from the owner of such wastes details of where that waste will be disposed legally.	NYA	No wastes have yet been rejected. A rejected load register has been established.																
h.	The proponent must notify Greater Taree City Council and Great Lakes Council within 30 minutes of any rejected waste load leaving the premises, including the name and registration number of waste supplier, why the waste load was rejected, and the proposed fate of that load of waste.	NYA	No wastes have yet been rejected.																

Yes* = Compliance established initially – no longer requires compliance assessment
Yes = Compliance established fully during the 2018 audit

NA = Not Applicable NYA = Not Yet Applicable ND = Not Determined

Note 1: The reference to "Recycling Plant" nominated in DA 769/2009 relates to the recycling operations undertaken within the Possum Brush Quarry. No separate plant exists.

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Table A1.4
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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment															
1 Administrative Conditions																		
A1 What the licence authorises and regulates																		
A1.1	<p>This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity classification and the scale of the operation.</p> <p>Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition.</p> <table><tr><th>Scheduled Activity</th><th>Fee Based Activity</th><th>Scale</th></tr><tr><td>Crushing, grinding or separating</td><td>Crushing, grinding or separating</td><td>> 100000 - 500000 T annual processing capacity</td></tr><tr><td>Extractive activities</td><td>Land-based extractive activity</td><td>> 100000 - 500000 T annual capacity to extract, process or store</td></tr><tr><td>Resource recovery</td><td>Recovery of general waste</td><td>Any general waste recovered</td></tr><tr><td>Waste storage</td><td>Waste storage - other types of waste</td><td>Any other types of waste stored</td></tr></table> <p><i>Note: Limits on resource recovery and waste storage are detailed in condition L3.1.</i></p>	Scheduled Activity	Fee Based Activity	Scale	Crushing, grinding or separating	Crushing, grinding or separating	> 100000 - 500000 T annual processing capacity	Extractive activities	Land-based extractive activity	> 100000 - 500000 T annual capacity to extract, process or store	Resource recovery	Recovery of general waste	Any general waste recovered	Waste storage	Waste storage - other types of waste	Any other types of waste stored	Yes	During the period 2017-2018, annual production (sales) of quarry products, asphalt and recycled materials totalled 164 360 tonnes.
Scheduled Activity	Fee Based Activity	Scale																
Crushing, grinding or separating	Crushing, grinding or separating	> 100000 - 500000 T annual processing capacity																
Extractive activities	Land-based extractive activity	> 100000 - 500000 T annual capacity to extract, process or store																
Resource recovery	Recovery of general waste	Any general waste recovered																
Waste storage	Waste storage - other types of waste	Any other types of waste stored																
A2 Premises or plant to which this licence applies																		
A2.1	<p>The licence applies to the following premises:</p> <table><tr><th>Premises Details</th></tr><tr><td>PACIFIC BLUE METAL</td></tr><tr><td>113/115 POSSUM BRUSH ROAD</td></tr><tr><td>POSSUM BRUSH</td></tr><tr><td>NSW 2430</td></tr><tr><td>LOT 66 DP 608957, LOT 3 DP 701903, LOT 109 DP 753195</td></tr><tr><td>THOSE AREAS OF THE ABOVE LOT & DPS AS DEFINED ON THE AERIAL MAP TITLED "PACIFIC BLUE METAL PROPOSED EPL ADJUSTMENT" DATED 11/03/2016 (DOC16/139907 ON FILE EF13/3417).</td></tr></table>	Premises Details	PACIFIC BLUE METAL	113/115 POSSUM BRUSH ROAD	POSSUM BRUSH	NSW 2430	LOT 66 DP 608957, LOT 3 DP 701903, LOT 109 DP 753195	THOSE AREAS OF THE ABOVE LOT & DPS AS DEFINED ON THE AERIAL MAP TITLED "PACIFIC BLUE METAL PROPOSED EPL ADJUSTMENT" DATED 11/03/2016 (DOC16/139907 ON FILE EF13/3417).	Noted									
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A3 Other activities																		
A3.1	<p>This licence applies to all other activities carried on at the premises, including:</p> <table><tr><th>Ancillary Activity</th></tr><tr><td>Bitumen mixing</td></tr></table>	Ancillary Activity	Bitumen mixing	Noted														
Ancillary Activity																		
Bitumen mixing																		
A4 Information supplied to the EPA																		
A4.1	<p>Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence.</p> <p>In this condition the reference to "the licence application" includes a reference to:</p> <p>a) the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and</p> <p>b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.</p>	Noted																
Yes* = Compliance established initially – no longer requires compliance assessment																		
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NA = Not Applicable NYA = Not Yet Applicable ND = Not Determined																		



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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment																								
3 Limit Conditions (Cont'd)																											
L2 Concentration limits (Cont'd)																											
L2.4	<p>Air Concentration Limits.</p> <p>POINT 1</p> <table><tr><th>Pollutant</th><th>Units of measure</th><th>100 percentile concentration limit</th><th>Reference conditions</th><th>Oxygen correction</th><th>Averaging period</th></tr><tr><td>Solid Particles</td><td>milligrams per cubic metre</td><td>50</td><td></td><td></td><td></td></tr></table>	Pollutant	Units of measure	100 percentile concentration limit	Reference conditions	Oxygen correction	Averaging period	Solid Particles	milligrams per cubic metre	50				Yes	PBM undertook initial analyses of the stack emissions during the first year of operations and established a correlation between the solid particles in the stack and the steam plume characteristics. On this basis, PBM has been able to confirm that the concentration of solid particles has been less than the nominated limit.												
Pollutant	Units of measure	100 percentile concentration limit	Reference conditions	Oxygen correction	Averaging period																						
Solid Particles	milligrams per cubic metre	50																									
L2.5	<p>Water and/or Land Concentration Limits.</p> <p>POINT 2</p> <table><tr><th>Pollutant</th><th>Units of Measure</th><th>50 percentile concentration limit</th><th>90 percentile concentration limit</th><th>30GM concentration limit</th><th>100 percentile concentration limit</th></tr><tr><td>Oil and Grease</td><td>Visible</td><td></td><td></td><td></td><td>No visible</td></tr><tr><td>pH</td><td>pH</td><td></td><td></td><td></td><td>6.5-8.5</td></tr><tr><td>Total suspended solids</td><td>milligrams per litre</td><td></td><td></td><td></td><td>50</td></tr></table>	Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	30GM concentration limit	100 percentile concentration limit	Oil and Grease	Visible				No visible	pH	pH				6.5-8.5	Total suspended solids	milligrams per litre				50	Yes	Monitoring was undertaken on one occasion at Point 2 during the reporting period.
Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	30GM concentration limit	100 percentile concentration limit																						
Oil and Grease	Visible				No visible																						
pH	pH				6.5-8.5																						
Total suspended solids	milligrams per litre				50																						
L3 Waste																											
L3.1	<p>The licensee must not cause, permit or allow any waste to be received at the premises, except the wastes expressly referred to in the column titled “Waste” and meeting the definition, if any, in the column titled “Description” in the table below.</p> <p>Any waste received at the premises must only be used for the activities referred to in relation to that waste in the column titled “Activity” in the table below.</p> <p>Any waste received at the premises is subject to those limits or conditions, if any, referred to in relation to that waste contained in the column titled “Other Limits” in the table below.</p> <p>This condition does not limit any other conditions in this licence.</p> <table><tr><th>Code</th><th>Waste</th><th>Description</th><th>Activity</th><th>Other Limits</th></tr><tr><td>NA</td><td>General or Specific exempted waste</td><td>Waste that meets all the conditions of a resource recovery exemption under clause 51A of the Protection of the Environment Operations Act (Waste) Regulation 2005</td><td>Resource recovery Waste storage</td><td>NA</td></tr><tr><td>NA</td><td>General solid waste (non-putrescible)</td><td>Concrete, Bricks, Asphalt, Tiles. Building and Demolition Waste that does not contain asbestos as defined in the EPA's Waste Classification Guideline Part 1: Classifying Waste</td><td>Resource recovery Waste storage</td><td>Total 10,000 tonnes per annum</td></tr></table>	Code	Waste	Description	Activity	Other Limits	NA	General or Specific exempted waste	Waste that meets all the conditions of a resource recovery exemption under clause 51A of the Protection of the Environment Operations Act (Waste) Regulation 2005	Resource recovery Waste storage	NA	NA	General solid waste (non-putrescible)	Concrete, Bricks, Asphalt, Tiles. Building and Demolition Waste that does not contain asbestos as defined in the EPA's Waste Classification Guideline Part 1: Classifying Waste	Resource recovery Waste storage	Total 10,000 tonnes per annum	Yes	All wastes imported were building and demolition waste and waste asphalt. A total of 5 596.94 tonnes were imported during the reporting period.									
Code	Waste	Description	Activity	Other Limits																							
NA	General or Specific exempted waste	Waste that meets all the conditions of a resource recovery exemption under clause 51A of the Protection of the Environment Operations Act (Waste) Regulation 2005	Resource recovery Waste storage	NA																							
NA	General solid waste (non-putrescible)	Concrete, Bricks, Asphalt, Tiles. Building and Demolition Waste that does not contain asbestos as defined in the EPA's Waste Classification Guideline Part 1: Classifying Waste	Resource recovery Waste storage	Total 10,000 tonnes per annum																							
L.3.2	The authorised amount of waste permitted on the premises must not exceed 10 000 tonnes at any time.	Yes	A total of 5 596.94 tonnes of waste was accepted during the reporting period.																								

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Table A1.4 (Cont'd)
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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment
3 Limit Conditions (Cont'd)			
L4 Noise limits (Cont'd)			
L4.6	<p>To determine compliance:</p> <p>a) $L_{eq(15 \text{ minute})}$ noise limits, noise monitoring equipment must be located:</p> <p>i) within 30m of a dwelling façade where any dwelling on the property is more than 30m from the property boundary closest to the premises.</p> <p>ii) approximately on the boundary where any dwelling is situated 30m or less from the property boundary closest to the premises.</p> <p>b) The noise monitoring equipment must be located in a position that is:</p> <p>i) at the most affected point at a location where there is no dwelling at the location; or</p> <p>ii) at the most affected point within an area at a location prescribed by item (a) of this condition</p>	<p>Yes</p> <p>Yes</p>	<p>The monitoring locations are provided in the noise reports prepared by Spectrum Acoustics.</p> <p>The monitoring locations are provided in the noise reports prepared by Spectrum Acoustics.</p>
L4.7	<p>A breach of this Environment Protection Licence will still occur where noise generated from the premises in excess of the appropriate limit specified in this licence is detected:</p> <p>a) in an area at a location other than an area prescribed by the condition above; and/or</p> <p>b) at a point other than the most affected point at a location.</p>	Noted	
L4.8	For the purposes of determining the noise generated at the premises the modification factors in Section 4 of the NSW Industrial Noise Policy must be applied, as appropriate, to the noise levels measured by the noise monitoring equipment.	Noted	
L5 Blasting			
L5.1	The airblast overpressure level from blasting operations at the premises must not exceed 120dB (Lin Peak) at any time at any noise sensitive locations. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.	Yes	The highest measured level was 108.3dB(L).
L5.2	The airblast overpressure level from blasting operations at the premises must not exceed 115dB (Lin Peak) at any noise sensitive locations for more than five per cent of the total number of blasts over each reporting period. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.	Yes	The highest measured level was 108.3dB(L).
<p>Yes* = Compliance established initially – no longer requires compliance assessment</p> <p>Yes = Compliance established fully during the 2018 audit</p>			
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Table A1.4 (Cont'd)
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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment
3 Limit Conditions (Cont'd)			
L6 Hours of Operation			
L6.1	Construction work at the premises must only be conducted between 7:00am to 6:00pm and between 8:00am to 1:00pm Saturday with no works on Sunday or public holidays.	Yes*	All construction work was undertaken within the nominated hours. Source: Quarry Manager
L6.2	All other activities at the premises must only be carried out between the hours detailed below: <i>Hours of Operation for General Quarry Operations</i> a) All quarrying activities must be conducted between 6:30am and 6:00pm Monday to Friday, and between 7:00am and 3:00pm Saturdays, except as detailed below. <i>Permissible Times for Vehicles Entering the Premises</i>	Yes	Records of operating hours held within the Quarry Administration Office.
	b) Trucks used for the transport of product are not permitted to enter the premises before 6:15am Monday to Friday or 6:45am Saturdays. In respect of these trucks entering the premises, the licensee must erect and maintain a gate across the site access road 200 metres from the product stockpile area or in another area agreed by Council, which must not be opened prior to 6:30am Monday to Friday or 7:00am Saturday to allow access to the stockpile.	Yes	No heavy vehicles entered the Quarry outside the approved operational hours.
	c) No other trucks or heavy machinery are to enter the premises prior to 6:30am Monday to Friday or prior to 7:00am Saturdays.	Yes	No trucks or machinery entered the premises prior to nominated hours.
	d) Loaded trucks or heavy machinery are not permitted to enter the premises after 6:00pm Monday to Friday or after 3:00pm Saturdays.	Yes	This condition was complied with during the reporting period. Supported by the CCTV installed on site. Source: Quarry Manager
	e) Unloaded trucks or heavy machinery, except those described in Clause f) and i) below, are not permitted to enter the premises after the hours of 6:00pm Monday to Friday and after 3:00pm Saturdays.	Yes	This condition has been complied with. Source: Quarry Manager
	f) Trucks containing returned loads of product and trucks owned or operated by the licensee, for licensed activities, and normally garaged at the premises, may enter the premises after the hours of 6:00pm Monday to Friday and after 3:00pm Saturdays only in the following circumstances:	Yes	This condition has been complied with since this condition was imposed. Source: Quarry Manager
	i) The truck left the premises loaded with product prior to 6:00pm Monday to Friday or prior to 3:00pm Saturday. ii) The truck travelled directly to the delivery site by the most direct route. iii) The truck travelled directly back to the premises from the delivery site by the most direct route.		
Yes* = Compliance established initially – no longer requires compliance assessment Yes = Compliance established fully during the 2018 audit			
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Table A1.4 (Cont'd)
Compliance for Environment Protection Licence 3393 – Period 2017-2018

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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment
3 Limit Conditions (Cont'd)			
L6 Hours of Operation (Cont'd)			
L6.2 (Cont'd)	<p>iv) Records must be kept for all trucks returning to the premises after the hours of 6:00pm Monday to Friday and 3:00pm Saturdays which records the time the truck left the premises, the load carried, the delivery site, the customer details, and the time the truck returned to the premises.</p> <p><i>Note: These records may take the form of weighbridge records and security camera date stamps.</i></p> <p>v) No trucks are permitted to enter the premises between 12 midnight Saturdays and 6:15am Monday.</p> <p><i>Permissible Times for Vehicles Leaving the Premises</i></p> <p>a) No trucks or heavy machinery are to leave the premises prior to 6:30am Monday to Friday or 7:00am Saturdays.</p> <p><i>Hours of Operation for Asphalt Plant</i></p> <p><i>Note: Greater Taree City Council has issued development consent for the asphalt plant to operate on a 24 hours per day basis under certain circumstances. The conditions below reflect that consent.</i></p> <p>b) The exception to operational hours described in clauses a) to g) above is the operational hours of the asphalt plant in the circumstances set out below:</p> <p>i) The asphalt plant and associated truck movements are permitted to operate 24 hours per day during the period 6:30am Monday to 10:00pm Friday for a maximum of 60 days in any one calendar year. (For the purposes of this licence the calendar year is the same as the report period year).</p> <p>ii) The licensee must notify the Manager Hunter Region of the EPA when each night operations will be undertaken by email at newcastlerequest@environment.nsw.gov.au, prior to the night time operations being undertaken.</p> <p>c) Trucks containing returned loads of product and trucks owned or operated by the licensee which are normally garaged at the premises and involved in the delivery of asphalt during the 60 days per year of night time asphalt plant operations may enter the premises after 10:00pm Friday only in the following circumstances;</p> <p>i) The truck left the premises loaded with product prior to 10:00pm Friday.</p> <p>ii) The truck travelled directly to the delivery site by the most direct route.</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>	<p>Source: Quarry Manager.</p> <p>This condition has been complied with since this condition was imposed. Source: Quarry Manager</p> <p>The asphalt plant operated on eight nights after 6:00pm during the reporting period.</p> <p>Notifications are sent concurrently to surrounding residents, Council and EPA (hunter.region@epa.nsw.gov.au) Examples of letters are retained on site. Source: Quarry Manager</p> <p>No trucks returned loaded to the quarry outside approved hours of operation during the reporting period. Source: Quarry Manager</p>
Yes* = Compliance established initially – no longer requires compliance assessment			
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Table A1.4 (Cont'd)
Compliance for Environment Protection Licence 3393 – Period 2017-2018

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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment
3 Limit Conditions (Cont'd)			
L6 Hours of Operation (Cont'd)			
L6.2 (Cont'd)	<p>i) The truck travelled directly back to the premises from the delivery site by the most direct route.</p> <p>ii) Records must be kept for all trucks returning to the premises after 10:00pm Friday which records the time the truck left the premises, the load carried, the delivery site, the customer details, and the time the truck returned to the premises. <i>Note: These records may take the form of weighbridge records and security camera date stamps.</i></p> <p>iii) No trucks are permitted to enter the premises between 12 midnight Saturdays and 6:15am Monday.</p> <p><i>Hours of Operation for Maintenance Activities</i></p> <p>a) Maintenance of equipment strictly in the workshop or plant areas is permitted between the hours of 6:00am to 9:00pm Monday to Saturday. Any maintenance carried out within these hours but outside the quarrying activities hours set out in clause a) must be inaudible at any residence (except residences owned by the licensee).</p>	Yes	Records of maintenance hours held within the Quarry Administration Office. It is noted that no maintenance was undertaken outside standard hours during the reporting period.
	<p><i>No Activities on Sundays or Public Holidays</i></p> <p>b) No works, maintenance, truck or machinery movements in or out of the premises are permitted on Sundays or Public Holidays.</p>	Yes	Records of maintenance hours held within the Quarry Administration Office.
	<p><i>Extension of Hours of Operation in Emergency and Other Circumstances</i></p> <p>c) The hours of operation of the quarrying activities as set out in clause a) above can only be extended for an emergency or for circumstances involving the upgrading of the Pacific Highway, on a short term basis, with Council approval. A licence variation is not required in these circumstances under the following conditions:</p> <p>i) The Licensee must notify the EPA Manager Hunter Region by facsimile on (02) 4908 6810 of the intention to apply to council to extend the quarry's operational hours and the circumstances surrounding the application.</p> <p>ii) The Licensee must notify the EPA Manager Hunter Region by facsimile on (02) 4908 6810 of the Council's decision in written form.</p> <p>iii) The Licensee must keep a log of all such extension for inspection if required.</p>	NA	No notifications were required during the reporting period.
		NA	No notifications were required during the reporting period.
		NA	No notifications were required during the reporting period.
Yes* = Compliance established initially – no longer requires compliance assessment			
Yes = Compliance established fully during the 2018 audit			
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Table A1.4 (Cont'd)
Compliance for Environment Protection Licence 3393 – Period 2017-2018

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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment
3 Limit Conditions (Cont'd)			
L6 Hours of Operation (Cont'd)			
L6.3	Trucks associated with the waste recycling activities must not enter the premises prior to 7:00am. <i>Note: the necessity for this condition will be assessed by the EPA after it has been determined if trucks at the premises are causing exceedances of the LAMAX noise limits and/or if all feasible and reasonable noise ameliorative works have been undertaken.</i>	Yes	Sighted register maintained on site recording all trucks delivering waste to the Quarry arrived after 7:00am. Source: Quarry Manager
L7 Potentially offensive odour			
L7.1	The licensee must not cause or permit the emission of offensive odour beyond the boundary of the premises. <i>Note: Section 129 of the Protection of the Environment Operations Act 1997, provides that the licensee must not cause or permit the emission of any offensive odour from the premises but provides a defence if the emission is identified in the relevant environment protection licence as a potentially offensive odour and the odour was emitted in accordance with the conditions of a licence directed at minimising odour.</i>	Yes	Source: Quarry Manager
4 Operating Conditions			
O1 Activities must be carried out in a competent manner			
O1.1	Licensed activities must be carried out in a competent manner. This includes: a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.	Yes	Source: Quarry Manager and observations of good practices on site by R. Corkery.
O2 Maintenance of plant and equipment			
O2.1	All plant and equipment installed at the premises or used in connection with the licensed activity: a) must be maintained in a proper and efficient condition; and b) must be operated in a proper and efficient manner.	Yes	Observation by R. Corkery – all bunding and spill containment systems were in place. All bunds are checked regularly as part of the workplace inspections.
O3 Dust			
O3.1	The premises must be maintained in a condition which minimises or prevents the emission of dust from the premises.	Yes	The excellent location of the quarry, its sealed road and regular road watering ensures that air quality incidents relating to the quarry are avoided.
O3.2	Trucks entering and leaving the premises that are carrying loads must be covered at all times, except during loading and unloading.	Yes	Observation by R. Corkery and supportive CCT. Source: Quarry Manager.
O4 Processes and management			
O4.1	Stormwater from all areas of the premises, which has the potential to mobilise sediments and other material must be controlled and diverted through the appropriate erosion and sediment control and or pollution control measures/structures.	Yes	Stormwater is managed within the extraction area.
Yes* = Compliance established initially – no longer requires compliance assessment Yes = Compliance established fully during the 2018 audit NA = Not Applicable NYA = Not Yet Applicable ND = Not Determined			

Table A1.4 (Cont'd)
Compliance for Environment Protection Licence 3393 – Period 2017-2018

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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment
4 Operating Conditions (Cont'd)			
O4 Processes and management (Cont'd)			
O4.2	Erosion and sediment control and/or pollution measures and/or structures to capture stormwater from all areas of the premises must be installed and maintained.	Yes	Observation by R. Corkery. Erosion and sediment controls are located within the extraction area.
O4.3	All above ground tanks containing material that is likely to cause environmental harm must be bunded or have an alternative spill containment system in place.	Yes	Observation by R. Corkery and regular checks as part of the workplace inspection – the on-site hydrocarbon storage is considered satisfactory.
O4.4	Bunds must: a) have walls and floors constructed of impervious materials; b) be of sufficient capacity to contain 110% of the volume of the tank (or 110% volume of the largest tank where a group of tanks are installed); c) have floors graded to a collection sump; and d) not have a drain valve incorporated in the bund structure, or be constructed and operated in a manner that achieves the same environmental outcome.	Yes Yes Yes Yes	The concrete bund around the covered bulk fuel storage area has a slight grade and is fitted with a pipe (and valve) near the northwestern corner. PBM has locked this valve and has developed procedures to manage any water collecting within the bund. This practice is considered appropriate.
O5 Waste management			
O5.1	The Licensee must ensure that any waste received at the premises is assessed and classified in accordance with the EPA's Waste Classification Guidelines as in force from time to time.	Yes	All waste that has been accepted to date has satisfied the EPA guidelines.
O5.2	The Licensee must have in place at all times a quality assurance program to ensure only the types of wastes permitted above are received at the premises. This quality assurance program must include: a) Inspection of the waste received at the premises (prior to tipping) to ensure it only contains the wastes allowed by this licence; b) Inspection of the waste after tipping at the premises to ensure it only contains the wastes allowed by this licence; c) Documenting all loads of waste that are received at the premises that contain wastes other than those approved above (including name and registration number of waste supplier, why the waste load did not comply, and the fate of that load of waste).	Yes	PBM has developed a comprehensive Quality Assurance Program to meet these requirements.
O5.3	Prior to any wastes rejected by the Quality Assurance Program leaving the premises the Licensee must obtain from the owner of such wastes details of where that waste will be disposed legally.	NYA	No rejected waste has been received to date.
Yes* = Compliance established initially – no longer requires compliance assessment Yes = Compliance established fully during the 2018 audit			
NA = Not Applicable NYA = Not Yet Applicable ND = Not Determined			



Table A1.4 (Cont'd)
Compliance for Environment Protection Licence 3393 – Period 2017-2018

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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment
4 Operating Conditions (Cont'd)			
O5 Waste management (Cont'd)			
O5.4	The Licensee must notify Greater Taree City Council and Great Lakes Council within 30 minutes of any rejected waste load leaving the premises, including the name and registration number of waste supplier, why the waste load was rejected, and the proposed fate of that load of waste.	NYA	No rejected waste has been received to date.
O5.5	Any load of waste that is received at the premises, which does not comply with the types of waste allowed to be received at the premises, and has not been returned to the supplier, must be stockpiled separately at the premises. The EPA must be notified within 24 hours of receipt of any such load of waste, including details of why the waste is not permitted to be received and actions the licensee will take to lawfully dispose of such wastes.	NYA	No rejected waste has been received to date.
O5.6	All residual waste by-products from the waste recycling operations conducted on-site (for example paper, cardboard, plastic, timber, steel) must be stored separately in such a manner that it does not cause windblown litter and must be regularly removed from the site for appropriate disposal or recycling. No such materials are permitted to be disposed at the premises.	NYA	No residual waste by-products produced to date.
5 Monitoring and Recording Conditions			
M1 Monitoring records			
M1.1	The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.	Yes	Presented in Licence Annual Returns. Sighted 2016-2017 Annual Return.
M1.2	All records required to be kept by this licence must be: a) in a legible form, or in a form that can readily be reduced to a legible form; b) kept for at least 4 years after the monitoring or event to which they relate took place; and c) produced in a legible form to any authorised officers of the EPA who asks to see them.	Yes Yes Yes	All records held in Quarry Administration Office. All records are kept on site. All records are kept on site. All records are available for inspection.
M1.3	The following records must be kept in respect of any samples required to be collected for the purposes of this licence: a) the date(s) on which the sample was taken; b) the time(s) at which the sample was collected; c) the point at which the sample was taken; and d) the name of the person who collected the sample.	Yes	One overflow event occurred during the reporting period (from Dam 3 on 22 March 2018). All required information was recorded.
Yes* = Compliance established initially – no longer requires compliance assessment			
Yes = Compliance established fully during the 2018 audit			
NA = Not Applicable NYA = Not Yet Applicable ND = Not Determined			

Table A1.4 (Cont'd)
Compliance for Environment Protection Licence 3393 – Period 2017-2018

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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment																																													
5 Monitoring and Recording Conditions (Cont'd)																																																
M2 Requirement to monitor concentration of pollutants discharged																																																
M2.1	For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:	Yes	One overflow event occurred during the reporting period (from Dam 3 on 22 March 2018). All required information was recorded.																																													
M2.2	Water and/or Land Monitoring Requirements POINT 2 <table><tr><th>Pollutant</th><th>Units of measure</th><th>Frequency</th><th>Sampling Method</th></tr><tr><td>Oil and Grease</td><td>Visible</td><td>Each overflow event</td><td>Visual Inspection</td></tr><tr><td>pH</td><td>pH</td><td>Each overflow event</td><td>Grab sample</td></tr><tr><td>Total suspended solids</td><td>milligrams per litre</td><td>Each overflow event</td><td>Grab sample</td></tr></table>	Pollutant	Units of measure	Frequency	Sampling Method	Oil and Grease	Visible	Each overflow event	Visual Inspection	pH	pH	Each overflow event	Grab sample	Total suspended solids	milligrams per litre	Each overflow event	Grab sample	Yes	All samples were tested for the nominated parameters.																													
Pollutant	Units of measure	Frequency	Sampling Method																																													
Oil and Grease	Visible	Each overflow event	Visual Inspection																																													
pH	pH	Each overflow event	Grab sample																																													
Total suspended solids	milligrams per litre	Each overflow event	Grab sample																																													
M3 Testing methods – concentration limits																																																
M3.1	Subject to any express provision to the contrary in this licence, monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area must be done in accordance with the Approved Methods Publication unless another method has been approved by the EPA in writing before any tests are conducted.	Yes	One overflow event occurred during the reporting period (from Dam 3 on 22 March 2018). All required information was recorded.																																													
M4 Weather monitoring																																																
M4.1	A meteorological weather station must be maintained at the premises so as to be capable of continuously monitoring the parameters specified in the condition below. <i>Note: For the purposes of this condition and noise limit conditions it has been agreed that the meteorological weather station located at the Failford Quarry is acceptable for use and the weather conditions at Failford Quarry are deemed identical to those at the premises.</i>	Yes	Until 18 January 2017, reliance was placed on meteorological data collected at Failford Quarry. Since that date, data has been collected at the on-site meteorological station except for a period between 6 November 2017 and 20 December 2017 as a result of a lightning strike.																																													
M4.2	For each monitoring point specified in the table below the licensee must monitor (by sampling and obtaining results by analysis) the parameters specified in Column 1. The licensee must use the sampling method, units of measure, averaging period and sample at the frequency, specified opposite in the other columns. <table><tr><th>Parameter</th><th>Units of Measure</th><th>Frequency</th><th>Averaging Period</th><th>Sampling Method</th></tr><tr><td>Rainfall</td><td>millimetres</td><td>Continuous</td><td>1 hour</td><td>AM-4</td></tr><tr><td>Wind speed @ 10 metres</td><td>metres per second</td><td>Continuous</td><td>15 minute</td><td>AM-2 and AM-4</td></tr><tr><td>Wind direction @ 10 metres</td><td>degrees</td><td>Continuous</td><td>15 minute</td><td>AM-2 and AM-4</td></tr><tr><td>Temperature @ 2 metres</td><td>degrees celsius</td><td>Continuous</td><td>15 minute</td><td>AM-4</td></tr><tr><td>Temperature @ 10 metres</td><td>degrees celsius</td><td>Continuous</td><td>15 minute</td><td>AM-4</td></tr><tr><td>Sigma theta @ 10 metres</td><td>degrees</td><td>Continuous</td><td>15 minute</td><td>AM-2 and AM-4</td></tr><tr><td>Additional Requirements: - Siting</td><td>-</td><td>-</td><td>-</td><td>AM-1 and AM-4</td></tr><tr><td>- Measurement</td><td>-</td><td>-</td><td>-</td><td>AM-2 and AM-4</td></tr></table>	Parameter	Units of Measure	Frequency	Averaging Period	Sampling Method	Rainfall	millimetres	Continuous	1 hour	AM-4	Wind speed @ 10 metres	metres per second	Continuous	15 minute	AM-2 and AM-4	Wind direction @ 10 metres	degrees	Continuous	15 minute	AM-2 and AM-4	Temperature @ 2 metres	degrees celsius	Continuous	15 minute	AM-4	Temperature @ 10 metres	degrees celsius	Continuous	15 minute	AM-4	Sigma theta @ 10 metres	degrees	Continuous	15 minute	AM-2 and AM-4	Additional Requirements: - Siting	-	-	-	AM-1 and AM-4	- Measurement	-	-	-	AM-2 and AM-4	Yes	Until 18 January 2017, reliance was placed on meteorological data collected at Failford Quarry. Since that date, data has been collected at the on-site meteorological station except for a period between 6 November 2017 and 20 December 2017 as a result of a lightning strike. During this period, reliance was placed upon meteorological data recorded at the Failford Quarry – as provided for in Condition M4.1.
Parameter	Units of Measure	Frequency	Averaging Period	Sampling Method																																												
Rainfall	millimetres	Continuous	1 hour	AM-4																																												
Wind speed @ 10 metres	metres per second	Continuous	15 minute	AM-2 and AM-4																																												
Wind direction @ 10 metres	degrees	Continuous	15 minute	AM-2 and AM-4																																												
Temperature @ 2 metres	degrees celsius	Continuous	15 minute	AM-4																																												
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		ND = Not Determined																																														

Compliance for Environment Protection Licence 3393 – Period 2017-2018

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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment
5 Monitoring and Recording Conditions (Cont'd)			
M5 Recording of pollution complaints			
M5.1	The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.	Yes	Seven complaints were received during the reporting period.
M5.2	The record must include details of the following: a) the date and time of the complaint; b) the manner by which the complaint was made; c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect; d) the nature of the complaint; e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and f) if no action was taken by the licensee, the reasons why no action was taken.	Yes	All complaints are appropriately recorded on a standard format with all records held at the Quarry Administration Office and posted on the PBM website.
M5.3	The record of a complaint must be kept for at least 4 years after the complaint was made.	Yes	All complaints are retained in the Quarry Administration Office.
M5.4	The record must be produced to any authorised officers of the EPA who asks to see them.	NA	No requests received to date.
M6 Telephone complaints line			
M6.1	Telephone complaints lines must operate during its hours of operation to receive any complaints from members of the public in relation to activities at the premises or by vehicles or mobile plant, unless otherwise specified in the licence.	Yes	The quarry has a complaints telephone number 6554 3597 (tested by R. Corkery 9:50am on 18 August 2018).
M6.2	The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.	Yes	All contacts are provided to the CCC and surrounding neighbours and the complaints line is advertised adjacent to the front gate to the quarry.
M6.3	The preceding two conditions do not apply until 3 months after: the date of the issue of this licence.	Noted	
M7 Other monitoring and recording conditions			
Requirement to Monitor Noise			
M7.1	To determine compliance with Condition L4, attended noise monitoring must be undertaken in accordance with the requirements of conditions titles "Noise Limits". a) at each one of the locations listed in the noise limits table; b) annually beginning 1 January each year; c) occur at the time of year when noise levels are expected to be highest, that is, generally winter conditions;	Yes	Four noise monitoring rounds were undertaken by Spectrum Acoustics on 17 July 2017, 25 September 2017, 28 March 2017 and 28 June 2017 and confirmed that the day/evening and night-time limits nominated in Table 2 were satisfied. A summary of the noise monitoring results is posted on PBM's website.
Yes* = Compliance established initially – no longer requires compliance assessment			
Yes = Compliance established fully during the 2018 audit			
NA = Not Applicable NYA = Not Yet Applicable ND = Not Determined			

Table A1.4 (Cont'd)
Compliance for Environment Protection Licence 3393 – Period 2017-2018

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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment
5 Monitoring and Recording Conditions (Cont'd)			
M7 Other monitoring and recording conditions (Cont'd)			
Requirement to Monitor Noise (Cont'd)			
M7.1 (Cont'd)	d) occur at a time corresponding to usual or busy quarry activities; and e) occur during each day, evening and night period as defined in the NSW Industrial Noise Policy; and f) occur at a time corresponding to "normal" or above average production conditions and truck movements.		
M7.2	The requirement to continue this monitoring will be assessed upon request by the licensee and after several noise compliance tests have been conducted.	Noted	
6 Reporting Conditions			
R1 Annual return documents			
R1.1	The licensee must complete and supply to the EPA and Annual Return in the approved form comprising: 1. a Statement of Compliance; and 2. a Monitoring and Complaints Summary. 3. a Statement of Compliance – Licence Conditions, 4. a Statement of Compliance – Load based Fee, 5. a Statement of Compliance – Requirement to Prepare Pollution Incident Response Management Plan, 6. a Statement of Compliance – Requirement to Publish Pollution Monitoring Data, 7. a Statement of Compliance – Environmental Management Systems and Practices; and 8. a Statement of Compliance – Environmental Improvement Works. At the end of each reporting period, the EPA will provide to the licensee a copy of the form that must be completed and returned to the EPA.	Yes	The most recent completed Annual Return, i.e. for period 17 August 2016 to 16 August 2017 was submitted electronically with signatures also provided – electronically. (Date of lodgement not recorded on site nor acknowledged by the EPA).
R1.2	An Annual Return must be prepared in respect of each reporting period, except as provided below. <i>Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period.</i>	Noted	
R1.3	Where this licence is transferred from the licensee to a new licensee: a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and	NA	No transfer has been necessary.
Yes* = Compliance established initially – no longer requires compliance assessment Yes = Compliance established fully during the 2018 audit NA = Not Applicable NYA = Not Yet Applicable ND = Not Determined			

Table A1.4 (Cont'd)
Compliance for Environment Protection Licence 3393 – Period 2017-2018

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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment
6 Reporting Conditions (Cont'd)			
R1 Annual return documents (Cont'd)			
R1.3 (Cont'd)	<p>b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period.</p> <p><i>Note: An application to transfer a licence must be made in the approved form for this purpose.</i></p>	NA	No transfer has been necessary.
R1.4	<p>Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on:</p> <p>a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or</p> <p>b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.</p>	NA	The licence has not been surrendered or revoked.
R1.5	The Annual Return for the reporting period must be supplied to the EPA by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').	Yes	The most recent completed Annual Return, i.e. for period 17 August 2016 to 16 August 2017 was submitted electronically with signatures also provided – electronically. (Date of lodgement not recorded on site nor acknowledged by the EPA).
R1.6	The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.	Yes	All annual returns are stored at the Quarry Administration Office. Sighted by R. Corkery.
R1.7	<p>Within the Annual Return, the Statement of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:</p> <p>a) the licence holder; or</p> <p>b) by a person approved in writing by the EPA to sign on behalf of the licence holder.</p>	Yes	The Annual Return for 2016 – 2017 was signed electronically by two directors.
R1.8	<p>The licensee must supply annually with the Environment Protection Licence Annual Return a plan and table showing as at the licence anniversary date:</p> <ol style="list-style-type: none"> 1. The location of all waste stockpiles on the premises; 2. The type of waste in each stockpile; 3. The height of each stockpile; 4. The amount of waste in each stockpiles in tonnes; and 5. The total amount of waste in all stockpiles in tonnes and whether the limit of tonnes has been exceeded. 	Yes	The Annual Return for 2016 – 2017 included a map and table outlining the waste data required.
<p>Yes* = Compliance established initially – no longer requires compliance assessment</p> <p>Yes = Compliance established fully during the 2018 audit</p> <p>NA = Not Applicable NYA = Not Yet Applicable ND = Not Determined</p>			

Table A1.4 (Cont'd)
Compliance for Environment Protection Licence 3393 – Period 2017-2018

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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment
6 Reporting Conditions (Cont'd)			
R2 Notification of environmental harm			
	<i>Note: The licensee or its employees must notify all relevant authorities of incidents causing or threatening material harm to the environment immediately after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.</i>		
R2.1	Notifications must be made by telephoning the Environment Line service on 131 555.	NA	No notifiable incidents occurred during the reporting period.
R2.2	The licensee must provide written details of the notification to the EPA within 7 days of the date on which the incident occurred.	NA	No notifiable incidents occurred during the reporting period.
R3 Written Report			
R3.1	Where an authorised officer of the EPA suspects on reasonable grounds that: a) where this licence applies to premises, an event has occurred at the premises; or b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence, and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.	NA	No written reports were requested by the EPA during the reporting period.
R3.2	The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.	NA	No written reports were requested by the EPA during the reporting period.
R3.3	The request may require a report which includes any or all of the following information: a) the cause, time and duration of the event; b) the type, volume and concentration of every pollutant discharged as a result of the event; c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event; d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort; e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants; f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and g) any other relevant matters.	NA	No written reports were requested by the EPA during the reporting period.
Yes* = Compliance established initially – no longer requires compliance assessment			
Yes = Compliance established fully during the 2018 audit			
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Table A1.4 (Cont'd)
Compliance for Environment Protection Licence 3393 – Period 2017-2018

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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment						
6 Reporting Conditions (Cont'd)									
R3 Written Report (Cont'd)									
R3.4	The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.	NA	No further request for information was received from the EPA.						
R4 Other reporting conditions									
Noise and Blast Monitoring Records supplies with Annual Return									
R4.1	The licensee must supply, with each Annual Return, a Noise Monitoring Report which details the findings of the annual noise monitoring required by this licence. Where any of the noise limits detailed in this licence were exceeded during the monitoring, the report must also detail the reason for the non-compliance and make recommendations as to measures that will be employed to ensure noise limits are met at all times.	Yes	The noise monitoring reports prepared by Spectrum Acoustics were provided to the EPA with the Annual Return. (Sent on 17 October 2017).						
R4.2	The licensee must supply, with each Annual Return, a Blasting Monitoring Report which must include the following information relating to each blast carried out within the premises during the reporting period covered by the Annual Return. a) the date and time of the blast; b) the location of the blast on the premises; c) the blast monitoring results at each blast monitoring station; and d) an explanation for any missing blast monitoring results.	Yes	Blast monitoring reports by Precision Drill and Blast were attached to the Annual Return.						
R4.3	The licensee must report any exceedance of the licence blasting limits to the regional office of the EPA as soon as practicable after the exceedance becomes known to the licensee or to one of the licensee's employees or agents.	NA	No exceedances of blasting limits occurred during the reporting period.						
7 General Conditions									
G1 Copy of licence kept at the premises or plant									
G1.1	A copy of the licence must be kept at the premises to which the licence applies.	Yes	Available in the Quarry Administration Office.						
G1.2	The licence must be produced to any authorised officer of the EPA.	Yes	Available in the Quarry Administration Office.						
G1.3	The licence must be available for inspection by any employee or agent of the licensee working at the premises.	Yes	Available in the Quarry Administration Office.						
G2 Other general conditions									
G2.1	Completed Programs <table><tr><th>PRP</th><th>Description</th><th>Completed Date</th></tr><tr><td>PRP 1 - Noise Mitigation Investigations and Report</td><td>Assess all reasonable and feasible noise mitigation measures to meet noise limit criteria at sensitive receptors</td><td>22-July-2015</td></tr></table>	PRP	Description	Completed Date	PRP 1 - Noise Mitigation Investigations and Report	Assess all reasonable and feasible noise mitigation measures to meet noise limit criteria at sensitive receptors	22-July-2015	Noted	The results of the program have been accepted by the EPA.
PRP	Description	Completed Date							
PRP 1 - Noise Mitigation Investigations and Report	Assess all reasonable and feasible noise mitigation measures to meet noise limit criteria at sensitive receptors	22-July-2015							

Yes* = Compliance established initially – no longer requires compliance assessment
Yes = Compliance established fully during the 2018 audit
NA = Not Applicable NYA = Not Yet Applicable ND = Not Determined

Appendix 2

Return for Extractive Materials – 2017/2018

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Planning &
Environment
Resources & Geoscience

Form S 1

RETURN FOR EXTRACTIVE MATERIALS: YEAR ENDED 30 JUNE 2018

Quote RIMS ID in all correspondence

Quarry Id: 6047	Rims ID: 400043	Inquiries please telephone: (02) 4063 6713 Completed or Nil Returns Email – mineral.royalty@planning.nsw.gov.au Postal Address (see address below)
Operators Name: PACIFIC BLUE METAL PTY LTD Address: PO BOX 6 NABIAC NSW 2312 Email: charlie@pacificbluemetal.com.au		
Quarry Name: PACIFIC BLUE METAL Quarry Address: 113 POSSUM BRUSH ROAD POSSUM BRUSH NSW 2430		Please amend name, postal address and location of mine or quarry if incorrect or incomplete

2017-2018

The return should be completed and forwarded to the **MANAGER ASSESSMENT COORDINATION, RESOURCE OPERATIONS, NSW PLANNING & ENVIRONMENT, PO BOX 344 HUNTER REGION MAIL CENTRE NSW 2310** on or before **31 October 2018**. If completion of the return is unavoidably delayed, an application for extension of time should be requested **before** the due date. If no work was done during the year, a **NIL** return must be forwarded.

The return should relate to the **above quarrying establishment**, and should cover the operations of quarrying and treatment (such as crushing, screening, washing etc.) carried out at or near the quarry. A return is required even if the operations are solely of a developmental nature, and whether the area being worked is held under a mining title or otherwise.

Director Titles Assessments

Please complete all of the following information to assist in identifying the location of the Quarry

Typical Geology Hard Rock

Nearest Town to Quarry Nabiac

Local Council Name Midcoast Council

Deposited Plan and Lot Number/s of Quarry Lot 109 DP 753195

Email Address of Operator charlie@pacificbluemetal.com.au

Name of Owner or Licensee Pacific Blue Metal Pty Ltd

Postal Address of Licensee PO Box 6 NABIAC NSW 2312

Licence/Lease Number/s (if any)
 From Mineral Resources NSW (Industry & Investment NSW) n/a
 From Department of Lands or other Department n/a

If any output was obtained from land NOT held under licence from the above Departments, state the Name/s and Address/es of the Owners of the land n/a

- To the best of my knowledge, the particulars which have been entered in this return are correct and no blank spaces have been left where figures should have been inserted.

• SIGNATURE of PROPRIETOR or MANAGER DATE 27/8/18

• PERSON to be contacted if queries arise regarding this return _____

• NAME (Block letters) CHARLIE KENNETT Telephone 6554 3206



SALES During 2017-2018

Production information may be published in aggregated form for statistical reporting. However, production data for individual operations is kept strictly confidential.

Product	Description	Quantity Tonnes
Virgin Materials		
• Crushed Coarse Aggregates		
Over 75mm		8068.55
Over 30mm to 75mm		148.12
5mm to 30mm		24022.20
Under 5mm		1706.58
Natural Sand		
Manufactured Sand		
Prepared Road Base & Sub Base		115215.28
Other Unprocessed Materials		15199.34
Recycled Materials		
• Crushed Coarse Aggregates		
Over 75mm		
Over 30mm to 75mm		
5mm to 30mm		
Under 5mm		
Natural Sand		
Manufactured Sand		
Prepared Road Base & Sub Base		
Other Unprocessed Materials		
• River Gravel		
Over 30mm		
5mm to 30mm		
Under 5mm		
• Construction Sand	Excluding Industrial	
• Industrial Sand		
Foundry, Moulding		
Glass		
Other (Specify)		
• Dimension Stone	Building, Ornamental, Monumental	
Quarried in Blocks		
Quarried in Slabs		
• Decorative Aggregate	Including Terrazzo	
• Loam	Soil for Topdressing, Garden soil, Horticultural purposes)	
• TOTAL SITE PRODUCTION		164360.07
• Gross Value (\$) of all Sales		
• Type of Material	GREY WACKE	
• Number of Full-Time Equivalent (FTE) Employees	Employees: 18	Contractors 0

Please Note: A return for clay based products can be obtained by contacting the inquiry number.

Appendix 3

Summary of Quarry Products Transportation Records

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Table A3.1
Summary of Maximum Hourly Heavy Vehicle Movements

Month	Date	Maximum Number of Heavy Vehicle Movements*	Nominated Hour Period
July 2017	11/07/17	32	7:00am – 8:00am
August 2017	02/08/17	18	11:00am – 12:00pm
September 2017	13/09/17	20	7:00am – 8:00am
October 2017	20/10/17	28	10:00am – 11:00am
November 2017	10/11/17	26	11:00am – 12:00pm
December 2017	13/12/17	24	7:00am – 8:00am 8:00am – 9:00am 10:00am – 11:00am
January 2018	16/01/18	18	2:00pm – 3:00pm
February 2018	16/02/18	18	2:00pm – 3:00pm 3:00pm – 4:00pm
March 2018	16/03/18	16	7:00am – 8:00am
April 2018	26/04/18	20	10:00am – 11:00am
May 2018	29/05/18	30	12:00pm – 1:00pm
June 2018	23/06/18	22	12:00pm – 1:00pm
* The nominated number of movements have been calculated by doubling the number of laden trucks either entering or leaving the Quarry in the nominated hour period.			

Table A3.2
Summary of Maximum Hourly Heavy Vehicle Movements

Month	Date	Maximum Number of Heavy Vehicle Movements*
July 2017	05/07/17	180
August 2017	02/08/17	112
September 2017	12/09/17 13/09/17	100
October 2017	20/10/17	152
November 2017	02/11/17	194
December 2017	13/12/17	154
January 2018	19/01/18	98
February 2018	07/02/18	74
March 2018	16/03/18	80
April 2018	19/04/18 26/04/18	104
May 2018	29/05/18	210
June 2018	26/06/18	138
* The nominated number of movements have been calculated by doubling the number of laden trucks either entering or leaving the Quarry on the nominated day.		

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