

# Appendices

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– Period 1 July 2019 to 30 June 2020

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– Period 1 July 2019 to 30 June 2020

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# Appendix 1

## Compliance Tables for Development Consents for the Asphalt and Recycling Plants

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

- Table A1.1 Compliance with Development Consent DA 283/97 for Operation of Possum Brush Quarry (Issued by Minister for Planning on 1 April 2016)  
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- Table A1.2 Compliance for Development and Operation of Asphalt Plant DA 1127/2005 (Issued by Greater Taree City Council on 25 July 2005)  
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- Table A1.4 Compliance for Environment Protection Licence 3393 (Issued by Environment Protection Authority)  
– Period 1 July 2019 to 30 June 2020





**Table A1.1**  
**Compliance with Development Consent DA 283/97 (Issued 1 April 2016)**  
**for Operation of Possum Brush Quarry**  
**Period 1 July 2019 to 30 June 2020**

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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
<b>SCHEDULE 2 – ADMINISTRATIVE CONDITIONS (Cont'd)</b>			
<b>STRUCTURAL ADEQUACY</b>			
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 2019 to 30 June 2020. Source: Quarry Manager
<b>DEMOLITION</b>			
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 2019 to 30 June 2020. Source: Quarry Manager
<b>PROTECTION OF PUBLIC INFRASTRUCTURE</b>			
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 2019 to 30 June 2020. Source: Quarry Manager
<b>OPERATION OF PLANT AND EQUIPMENT</b>			
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	All equipment maintained in accordance with a programmed maintenance schedule.
<b>IDENTIFICATION OF APPROVED LIMITS OF EXTRACTION</b>			
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	Boundary marked permanently by bollards. The boundary markers are checked during workplace inspections.
Yes* = Compliance established initially – no longer requires compliance assessment			
Yes = Compliance established fully during the 2020 audit for the period 1 July 2019 to 30 June 2020			
NA = Not Applicable    NYA = Not Yet Applicable    ND = Not Determined			

**Table A1.1**  
**Compliance with Development Consent DA 283/97 (Issued 1 April 2016)**  
**for Operation of Possum Brush Quarry**  
**Period 1 July 2019 to 30 June 2020**

Condition No.	Conditional Requirement	Compliance	Basis for Assessment																							
<b>SCHEDULE 2 – ADMINISTRATIVE CONDITIONS (Cont'd)</b>																										
<b>PRODUCTION DATA</b>																										
<b>18</b>	The Applicant shall: a) provide annual quarry production data to DRE using the standard form for that purpose; and b) include a copy of this data in the Annual Review (see condition 9 of Schedule 5).	Yes	The 2018-2019 Return for Extractive Materials is provided in <b>Appendix 2</b> . The 2019-2020 is due to be submitted by 31 October 2020.																							
<b>CONTRIBUTIONS TO COUNCIL</b>																										
<b>19</b>	The Applicant shall provide extractive material to Council free of charge for ongoing maintenance of Possum Brush Road between the quarry entrance and the Pacific Highway.	NYA	No materials were requested to be provided for road maintenance.																							
<b>20</b>	The Applicant shall pay to Council a monthly contribution for the maintenance of Possum Brush Road between the quarry entrance and the Pacific Highway. The rate of the contribution for all quarry products transported from the site is: a) 7.5 cents per tonne for five years from 25 May 2008; b) 10 cents per tonne for the next five years from 25 May 2013; and c) further increases indexed annually to changes in the Consumer Price Index (Road & Bridge Construction) (NSW Index) from 25 May 2018 and thereafter.	Yes	PBM provides a record of monthly quarry products despatched with a cheque based on 10 cents per tonne. Sighted records of payments sent to Council held at the Quarry Administration Office. During the reporting period, a contribution of \$24,114.16 was paid to Council.																							
<b>SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS</b>																										
<b>NOISE</b>																										
<b>Noise Impact Assessment Criteria</b>																										
<b>1</b>	The Applicant shall ensure that the noise generated by the development does not exceed the criteria in Table 2 at any residence on privately-owned land.  <i>Table 2: Noise criteria dB(A)</i> <table border="1"> <thead> <tr> <th rowspan="2">Receiver</th> <th>Day/Evening</th> <th colspan="2">Night</th> </tr> <tr> <th>L<sub>Aeq</sub>(15 min)</th> <th>L<sub>Aeq</sub>(15 min)</th> <th>L<sub>A</sub>(max)</th> </tr> </thead> <tbody> <tr> <td>R1 – 5 St Peters Close</td> <td>39</td> <td>39</td> <td>45</td> </tr> <tr> <td>R2 – 175 Possum Brush Road</td> <td>38</td> <td>38</td> <td>45</td> </tr> <tr> <td>R3 – 55 Possum Brush Road</td> <td>37</td> <td>37</td> <td>45</td> </tr> <tr> <td>All other residences</td> <td>35</td> <td>35</td> <td>45</td> </tr> </tbody> </table> <i>Note: Receiver locations are shown in Appendix 2.</i> Noise generated by the development is to be measured in accordance with the relevant requirements of the NSW Industrial Noise Policy (as may be updated from time-to-time). Appendix 3 sets out the meteorological conditions under which these criteria apply and the requirements for evaluating compliance with these criteria. However, these criteria do not apply if the Applicant has an agreement with the owner/s of the relevant residence or land to generate higher noise levels, and the Applicant has advised the Department in writing of the terms of this agreement.	Receiver	Day/Evening	Night		L <sub>Aeq</sub> (15 min)	L <sub>Aeq</sub> (15 min)	L <sub>A</sub> (max)	R1 – 5 St Peters Close	39	39	45	R2 – 175 Possum Brush Road	38	38	45	R3 – 55 Possum Brush Road	37	37	45	All other residences	35	35	45	Yes	Noise monitoring undertaken on 24 September 2020. The results confirmed that the day/evening and night-time limits nominated in <b>Table 2</b> were satisfied.
Receiver	Day/Evening		Night																							
	L <sub>Aeq</sub> (15 min)	L <sub>Aeq</sub> (15 min)	L <sub>A</sub> (max)																							
R1 – 5 St Peters Close	39	39	45																							
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All other residences	35	35	45																							
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**Table A1.1  
Compliance with Development Consent DA 283/97 (Issued 1 April 2016)  
for Operation of Possum Brush Quarry  
Period 1 July 2019 to 30 June 2020**

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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
<b>SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)</b>			
<b>NOISE (Cont'd)</b>			
<b>Operating Conditions</b>			
2	The Applicant shall:	Yes	PBM operates the quarry with a high degree of control to limit noise, particularly noise from exhaust brakes on trucks departing the Quarry.
	a) implement best practice management to minimise the operational and road transportation noise of the development;	Yes	The nominated stability conditions nominated in rarely occur during the approved operating hours given the Quarry's close proximity to the coast. Source: Quarry Manager
	b) minimise the noise impacts of the development during meteorological conditions when the noise criteria in this consent do not apply;	Yes	Monitoring is currently undertaken annually in accordance with the approved Noise Management Plan.
	c) carry out regular monitoring to determine whether the development is complying with the relevant conditions of this consent; and	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
	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	
<b>Noise Management Plan</b>			
3	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:	Yes	The approved Noise Management Plan was implemented during the reporting period. The plan is available from the PBM website.
	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:		
	<ul style="list-style-type: none"> <li>• compliance with the noise criteria in this consent;</li> <li>• best practice management is being employed; and</li> <li>• 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);</li> </ul>		
	a) describe the proposed noise management system; and		
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<b>SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)</b>															
<b>NOISE (Cont'd)</b>															
<b>Noise Management Plan (Cont'd)</b>															
<b>3</b> (Cont'd)	<p>b) 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</p> <p>The Applicant shall implement the management plan as approved from time to time by the Secretary.</p>														
<b>BLASTING</b>															
<b>Blasting Impact Assessment Criteria</b>															
<b>4</b>	<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 border="1"> <thead> <tr> <th align="center">Location</th> <th align="center">Airblast overpressure (dB(Lin Peak))</th> <th align="center">Ground vibration (mm/s)</th> <th align="center">Allowable exceedance</th> </tr> </thead> <tbody> <tr> <td></td> <td align="center">120</td> <td align="center">10</td> <td align="center">0%</td> </tr> <tr> <td align="center">Any residence on privately owned land</td> <td align="center">115</td> <td align="center">5</td> <td align="center">5% of the total number of blasts over a period of 12 months</td> </tr> </tbody> </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 2019-2020 satisfied all blasting criteria. 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												
<b>Blasting Frequency</b>															
<b>5</b>	<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 five blasts were initiated in 2019-2020. Records are held at the Quarry Administration Office and posted on the PBM website.</p>												
<b>Operating Conditions</b>															
<b>6</b>	<p>During blasting operations, the Applicant shall:</p> <p>a) implement best management practice to:</p> <ul style="list-style-type: none"> <li>• protect the safety of people and livestock in the areas surrounding blasting operations;</li> <li>• protect public or private infrastructure/property in the surrounding area from damage from blasting operations; and</li> <li>• minimise the dust and fume emissions of blasting;</li> </ul>	Yes	<p>PBM and its blasting contractor adopt best management practices and rely on a robust site law developed based on previous blasts. Source: Quarry Manager</p>												
<p>Yes* = Compliance established initially – no longer requires compliance assessment</p> <p>Yes = Compliance established fully during the 2020 audit for the period 1 July 2019 to 30 June 2020</p>															
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**Compliance with Development Consent DA 283/97 (Issued 1 April 2016)**  
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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
<b>SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)</b>			
<b>BLASTING (Cont'd)</b>			
<b>Operating Conditions (Cont'd)</b>			
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	<p>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.</p> <p>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.</p> <p>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.</p>	NYA	No owner has yet approached PBM requesting an inspection of their residence. Source: Quarry Manager.
<b>Blast Management Plan</b>			
8	<p>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:</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 compliance with the blast criteria and operating conditions of this consent;</p> <p>c) include a monitoring program for evaluating and reporting on compliance with the blasting criteria in this consent;</p>	NYA	The approved Blast Management Plan was implemented during the reporting period. The plan is available from the PBM website.
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<b>SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)</b>																		
<b>BLASTING (Cont'd)</b>																		
<b>Blast Management Plan (Cont'd)</b>																		
8 (Cont'd)	<p>d) include community notification procedures for the blasting schedule; and</p> <p>e) include a protocol for investigating and responding to complaints.</p> <p>The Applicant shall implement the management plan as approved from time to time by the Secretary.</p>																	
<b>AIR QUALITY</b>																		
<b>Air Quality Impact Assessment Criteria</b>																		
9	<p>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 listed in Tables 4 at any residence on privately-owned land.</p> <p><i>Table 4: Air quality criteria</i></p> <table border="1"> <thead> <tr> <th>Pollutant</th> <th>Averaging Period</th> <th><sup>a</sup> Criterion</th> </tr> </thead> <tbody> <tr> <td>Particulate matter &lt; 10 µm (PM<sub>10</sub>)</td> <td>Annual</td> <td><sup>a,d</sup> 30 µg/m<sup>3</sup></td> </tr> <tr> <td>Particulate matter &lt; 10 µm (PM<sub>10</sub>)</td> <td>24 hour</td> <td><sup>b</sup> 50 µg/m<sup>3</sup></td> </tr> <tr> <td>Total suspended particulates (TSP)</td> <td>Annual</td> <td><sup>a,d</sup> 90 µg/m<sup>3</sup></td> </tr> <tr> <td><sup>c</sup> Deposited dust</td> <td>Annual</td> <td><sup>b</sup> 2 g/m<sup>2</sup>/month    <sup>a,d</sup> 4 g/m<sup>2</sup>/month</td> </tr> </tbody> </table>	Pollutant	Averaging Period	<sup>a</sup> Criterion	Particulate matter < 10 µm (PM <sub>10</sub> )	Annual	<sup>a,d</sup> 30 µg/m <sup>3</sup>	Particulate matter < 10 µm (PM <sub>10</sub> )	24 hour	<sup>b</sup> 50 µg/m <sup>3</sup>	Total suspended particulates (TSP)	Annual	<sup>a,d</sup> 90 µg/m <sup>3</sup>	<sup>c</sup> Deposited dust	Annual	<sup>b</sup> 2 g/m <sup>2</sup> /month <sup>a,d</sup> 4 g/m <sup>2</sup> /month	Yes	PBM's past practices have been effective in controlling dust generation on site. These practices would continue. Source: Quarry Manager.
Pollutant	Averaging Period	<sup>a</sup> Criterion																
Particulate matter < 10 µm (PM <sub>10</sub> )	Annual	<sup>a,d</sup> 30 µg/m <sup>3</sup>																
Particulate matter < 10 µm (PM <sub>10</sub> )	24 hour	<sup>b</sup> 50 µg/m <sup>3</sup>																
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<sup>c</sup> Deposited dust	Annual	<sup>b</sup> 2 g/m <sup>2</sup> /month <sup>a,d</sup> 4 g/m <sup>2</sup> /month																
<b>Operating Conditions</b>																		
10	<p>The Applicant shall:</p> <p>a) implement best practice management to minimise the dust emissions of the development;</p> <p>b) carry out periodic air quality monitoring to determine whether the development is complying with the relevant conditions of this consent;</p> <p>c) regularly assess meteorological and air quality monitoring data and relocate, modify and/or stop operations on site to ensure compliance with the air quality criteria in this consent;</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p>	<p>PBM's past practices have been effective in controlling dust generation on site. These practices would continue. Source: Quarry Manager.</p> <p>Air quality monitoring is undertaken only in response to community complaints. This is in accordance with the approved Air Quality Management Plan.</p> <p>PBM undertakes the required assessment of deposited dust data upon receipt of complaints relating to dust. Source: QSE Manager.</p>															
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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
<b>SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)</b>			
<b>AIR QUALITY (Cont'd)</b>			
<b>Operating Conditions (Cont'd)</b>			
<b>10</b> (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 2019-2020 nor was any required.
<b>Quarry-owned Land</b>			
<b>11</b>	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.
<b>Air Quality Management Plan</b>			
<b>12</b>	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"> <li>• compliance with the relevant conditions of this consent;</li> <li>• best practice management is being employed; and</li> <li>• the air quality impacts of the development are minimised during adverse meteorological conditions and extraordinary events;</li> </ul>	NYA	The approved Air Quality Management Plan was implemented during the reporting period. The plan is available from the PBM website.
Yes* = Compliance established initially – no longer requires compliance assessment Yes = Compliance established fully during the 2020 audit for the period 1 July 2019 to 30 June 2020			
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**Compliance with Development Consent DA 283/97 (Issued 1 April 2016)**  
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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
<b>SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)</b>			
<b>AIR QUALITY (Cont'd)</b>			
<b>Air Quality Management Plan (Cont'd)</b>			
<b>12</b> (Cont'd)	c) describe the proposed air quality management system; and d) include an air quality monitoring program that: <ul style="list-style-type: none"> <li>• is capable of evaluating the performance of the development;</li> <li>• includes a protocol for determining any exceedances of the relevant conditions of consent;</li> <li>• effectively supports the air quality management system; and</li> <li>• evaluates and reports on the adequacy of the air quality management system.</li> </ul> The Applicant shall implement the management plan as approved from time to time by the Secretary.		
<b>Meteorological Monitoring</b>			
<b>13</b>	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 meteorological station was operating during the reporting period.
<b>Greenhouse Gas Emissions</b>			
<b>14</b>	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
<b>SOIL AND WATER</b>			
<b>Water Supply</b>			
<b>15</b>	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. <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>	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
<b>Water Discharges</b>			
<b>16</b>	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.
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<b>SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)</b>			
<b>SOIL AND WATER (Cont'd)</b>			
<b>Water Discharges (Cont'd)</b>			
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.
<b>Water Management Plan</b>			
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"> <li>• sources and security of water supply;</li> <li>• water uses, losses and management on site;</li> <li>• any off-site water transfers; and</li> <li>• reporting procedures; and</li> </ul> d) include a Surface Water Management Plan that includes: <ul style="list-style-type: none"> <li>• detailed baseline data on surface water flows and quality in water bodies that could potentially be affected by the development;</li> <li>• a detailed description of the surface water management system on site, including the: <ul style="list-style-type: none"> <li>○ clean water diversion system;</li> <li>○ erosion and sediment controls;</li> <li>○ stormwater runoff controls;</li> <li>○ dirty water management system; and</li> <li>○ water storages; and</li> </ul> </li> </ul>	NYA	The approved Water Management Plan was implemented during the reporting period. The plan is available from the PBM website.
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**Compliance with Development Consent DA 283/97 (Issued 1 April 2016)**  
**for Operation of Possum Brush Quarry**  
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Condition No.	Conditional Requirement	Compliance	Basis for Assessment														
<b>SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)</b>																	
<b>SOIL AND WATER (Cont'd)</b>																	
<b>Water Management Plan (Cont'd)</b>																	
<b>18</b> (Cont'd)	<ul style="list-style-type: none"> <li>• a program to monitor and report on:                             <ul style="list-style-type: none"> <li>○ any surface water discharges;</li> <li>○ the effectiveness of the water management system; and</li> <li>○ surface water flows and quality in local watercourses; and</li> </ul> </li> <li>• measures that would be implemented to minimise water use on site;</li> <li>• identification of all reasonable and feasible measures to improve the quality of surface water within and around the site;</li> </ul> <p>The Applicant shall implement the management plan as approved from time to time by the Secretary.</p>																
<b>LANDSCAPE AND REHABILITATION</b>																	
<b>Rehabilitation Objectives</b>																	
<b>19</b>	<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> <p><i>Table 5: Rehabilitation objectives</i></p> <table border="1"> <thead> <tr> <th>Feature</th> <th>Objective</th> </tr> </thead> <tbody> <tr> <td>Site (as a whole)</td> <td> <ul style="list-style-type: none"> <li>• Safe, stable and non-polluting.</li> <li>• 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.</li> <li>• Restored with native, endemic vegetation</li> </ul> </td> </tr> <tr> <td>Vegetated land</td> <td> <ul style="list-style-type: none"> <li>• Conserved and enhanced with native, endemic vegetation.</li> <li>• Containing self-sustaining ecosystems.</li> </ul> </td> </tr> <tr> <td>Surface Infrastructure</td> <td> <ul style="list-style-type: none"> <li>• Decommissioned and removed, unless the Secretary agrees otherwise.</li> </ul> </td> </tr> <tr> <td>Quarry Benches &amp; Pit Floor</td> <td> <ul style="list-style-type: none"> <li>• Landscaped and vegetated using native trees and understorey species.</li> </ul> </td> </tr> <tr> <td>Final Void</td> <td> <ul style="list-style-type: none"> <li>• Minimise the height and slope of batters.</li> <li>• Minimise the drainage catchment.</li> </ul> </td> </tr> <tr> <td>Community</td> <td> <ul style="list-style-type: none"> <li>• Ensure public safety.</li> <li>• Minimise the adverse socio-economic effect of quarry closure.</li> </ul> </td> </tr> </tbody> </table>	Feature	Objective	Site (as a whole)	<ul style="list-style-type: none"> <li>• Safe, stable and non-polluting.</li> <li>• 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.</li> <li>• Restored with native, endemic vegetation</li> </ul>	Vegetated land	<ul style="list-style-type: none"> <li>• Conserved and enhanced with native, endemic vegetation.</li> <li>• Containing self-sustaining ecosystems.</li> </ul>	Surface Infrastructure	<ul style="list-style-type: none"> <li>• Decommissioned and removed, unless the Secretary agrees otherwise.</li> </ul>	Quarry Benches & Pit Floor	<ul style="list-style-type: none"> <li>• Landscaped and vegetated using native trees and understorey species.</li> </ul>	Final Void	<ul style="list-style-type: none"> <li>• Minimise the height and slope of batters.</li> <li>• Minimise the drainage catchment.</li> </ul>	Community	<ul style="list-style-type: none"> <li>• Ensure public safety.</li> <li>• Minimise the adverse socio-economic effect of quarry closure.</li> </ul>	Noted	Progressive rehabilitation has been undertaken as terminal benches are completed although no terminal benches were completed in 2019-2020 (see <b>Figure 2.2</b> ).
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<b>20</b>	<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	Progressive rehabilitation has been undertaken as terminal benches are completed although no terminal benches were completed in 2019-2020 (see <b>Figure 2.2</b> ).														
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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
<b>SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)</b>			
<b>LANDSCAPE AND REHABILITATION (Cont'd)</b>			
<b>Landscape and Rehabilitation Management Plan</b>			
<b>21</b>	<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> <ol style="list-style-type: none"> <li>a) be prepared in consultation with OEH and Council;</li> <li>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;</li> <li>c) provide details of the conceptual final landform and associated land uses for the site;</li> <li>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;</li> <li>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"> <li>• maintaining a fence around the wildlife corridor to exclude grazing stock;</li> <li>• maintaining wildlife warning signs and speed limits on internal roads; and</li> <li>• making suitable arrangements to protect in perpetuity the wildlife corridor; and</li> </ul> </li> <li>f) include a program to monitor Rudder’s Box within the Applicant’s property;</li> <li>g) include a detailed description of the measures that would be implemented to:                         <ul style="list-style-type: none"> <li>• maximise the salvage of environmental resources within the approved disturbance area for beneficial reuse;</li> <li>• protect vegetation and fauna habitat outside the approved extraction area;</li> <li>• minimise tree or native vegetation removal or destruction;</li> <li>• use pre-existing or local plant species for revegetation;</li> <li>• minimise the impacts on native fauna and flora, including Brush-tailed Phascogale and Rudder’s Box;</li> <li>• landscape the site to minimise visual and lighting impacts;</li> <li>• control weeds and feral pests;</li> </ul> </li> </ol>	NYA	The approved Landscape and Rehabilitation Management Plan was implemented during the reporting period. The plan is available from the PBM website.
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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
<b>SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)</b>			
<b>LANDSCAPE AND REHABILITATION (Cont'd)</b>			
<b>Landscape and Rehabilitation Management Plan (Cont'd)</b>			
<b>21</b> (Cont'd)	<ul style="list-style-type: none"> <li>• control erosion;</li> <li>• control access; and</li> <li>• bushfire management; and</li> </ul> <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>		
<b>Rehabilitation and Conservation Bond</b>			
<b>22</b>	<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 was lodged on 30 May 2019.
<b>23</b>	<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> <p>a) effects of inflation;</p> <p>b) likely cost of rehabilitating the site (taking into account the likely surface disturbance over the next 3 years of the development); and</p> <p>c) performance of the implementation of the rehabilitation of the site to date.</p>	NYA	The bond review will be triggered following the 2022 Independent Environmental Audit.
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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
<b>SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)</b>			
<b>ABORIGINAL CULTURAL HERITAGE</b>			
<b>24</b>	If any item or object of Aboriginal heritage significance is identified on site, the Applicant shall ensure that: 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. Work in the vicinity of the Aboriginal item or object may only recommence in accordance with the provisions of Part 6 of <i>the National Parks and Wildlife Act 1974</i> .	NYA	No items or objects have been identified during the period 1 July 2019 to 30 June 2020. Source: Quarry Manager
<b>TRANSPORT</b>			
<b>Transport Routes</b>			
<b>25</b>	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
<b>Pacific Highway Intersection</b>			
<b>26</b>	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.
<b>Operating Conditions</b>			
<b>27</b>	The Applicant shall ensure that: 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.	Yes Yes Yes Yes	Signage is visible on all company-owned trucks.  This is a requirement rigidly enforced by PBM. Source: Quarry Manager.  This is a requirement rigidly enforced by PBM. Source: Quarry Manager.  Written and verbal requests were made to Council during the reporting period for identified maintenance requirements on Possum Brush Road. No maintenance has yet occurred Source: Quarry Manager
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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
<b>SCHEDULE 3 – ENVIRONMENTAL PERFORMANCE CONDITIONS (Cont'd)</b>			
<b>WASTE</b>			
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, general recyclables, tyres and metals. Records of the removal of these wastes are maintained at the Quarry Administration Office
<b>ODOUR</b>			
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 N. Warren.
<b>LIQUID STORAGE</b>			
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.
<b>DANGEROUS GOODS</b>			
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
<b>BUSHFIRE</b>			
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.
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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
<b>SCHEDULE 5 – ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING</b>			
<b>ENVIRONMENTAL MANAGEMENT</b>			
<b>Environmental Management Strategy</b>			
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"> <li>be submitted to the Secretary for approval within three months of the date of approval of Modification 4, unless otherwise agreed by the Secretary;</li> <li>provide the strategic framework for the environmental management of the development;</li> <li>identify the statutory approvals that apply to the development;</li> <li>describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the development;</li> <li>describe the procedures that would be implemented to: <ul style="list-style-type: none"> <li>keep the local community and relevant agencies informed about the operation and environmental performance of the development;</li> <li>receive, handle, respond to, and record complaints;</li> <li>resolve any disputes that may arise during the course of the development;</li> <li>respond to any non-compliance; and</li> <li>respond to emergencies; and</li> </ul> </li> <li>include: <ul style="list-style-type: none"> <li>copies of any strategies, plans and programs approved under the conditions of this development consent; and</li> <li>a clear plan depicting all the monitoring required to be carried out under the conditions of this consent.</li> </ul> </li> </ol>	NYA	The approved Environmental Management Strategy was implemented during the reporting period. The plan is available from the PBM website.
<b>Management Plan Requirements</b>			
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"> <li>detailed baseline data;</li> <li>a description of: <ul style="list-style-type: none"> <li>the relevant statutory requirements (including any relevant approval, licence or lease conditions);</li> <li>any relevant limits or performance measures/criteria; and</li> <li>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;</li> </ul> </li> </ol>	Noted	All Management Plans have been prepared with reference to each of the relevant elements nominated in this condition. Source: QSE Manager
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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
<b>SCHEDULE 5 – ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING (Cont'd)</b>			
<b>ENVIRONMENTAL MANAGEMENT (Cont'd)</b>			
<b>Management Plan Requirements (Cont'd)</b>			
<b>2</b> (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"> <li>• impacts and environmental performance of the development; and</li> <li>• effectiveness of any management measures (see (c) above);</li> </ul> <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"> <li>• incidents;</li> <li>• complaints;</li> <li>• non-compliances with statutory requirements; and</li> <li>• exceedances of the impact assessment criteria and/or performance criteria; and</li> </ul> <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>		
<b>Updating and Staging Submission of Strategies, Plans or Programs</b>			
<b>3</b>	<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
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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
<b>SCHEDULE 5 – ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING (Cont'd)</b>			
<b>ENVIRONMENTAL MANAGEMENT (Cont'd)</b>			
<b>Revision of Strategies, Plans and Programs</b>			
<b>4</b>	Within 3 months of the submission of an: <ul style="list-style-type: none"> <li>a) Annual Review under condition 9 below;</li> <li>b) incident report under condition 7 below;</li> <li>c) audit report under condition 10 below; and</li> <li>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.</li> </ul>	Yes	All management plans were reviewed following the Independent Audit and previous Annual Review.
<b>Adaptive Management</b>			
<b>5</b>	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.  Where any exceedance of these criteria and/or performance measures has occurred, the Applicant shall, at the earliest opportunity: <ul style="list-style-type: none"> <li>a) take all reasonable and feasible measures to ensure that the exceedance ceases and does not recur;</li> <li>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</li> <li>c) implement remediation measures as directed by the Secretary, to the satisfaction of the Secretary.</li> </ul>	Noted	PBM fully understands the requirements of this condition. Source: Quarry Manager
<b>COMMUNITY CONSULTATIVE COMMITTEE</b>			
<b>6</b>	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).	No	One meeting was held during the 2017 - 2018 reporting period (29 November 2017). DPIE has advised PBM that it will commence the process of selecting an independent chairperson so that the CCC may reconvene.
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Condition No.	Conditional Requirement	Compliance	Basis for Assessment
<b>SCHEDULE 5 – ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING (Cont'd)</b>			
<b>REPORTING</b>			
<b>Incident Reporting</b>			
<b>7</b>	The Applicant shall notify, at the earliest opportunity, the Secretary and any other relevant agencies of any incident that has caused, or threatens to cause, material harm to the environment. For any other incident associated with the development, the Applicant shall notify the Secretary and any other relevant agencies as soon as practicable after the Applicant becomes aware of the incident. Within 7 days of the date of the incident, the Applicant shall provide the Secretary and any relevant agencies with a detailed report on the incident, and such further reports as may be requested.	NA	No incidents requiring a report occurred during the period 1 July 2019 to 30 June 2020.
<b>Regular Reporting</b>			
<b>8</b>	The Applicant shall provide regular reporting on the environmental performance of the development on its website, in accordance with the reporting arrangements in any plans or programs approved under the conditions of this consent.	NYA	PBM established its website on 28 September 2017.
<b>ANNUAL REVIEW</b>			
<b>9</b>	By the end of March each year, or other timing as may be agreed by the Secretary, the Applicant shall review the environmental performance of the development to the satisfaction of the Secretary. This review must:	Yes	
	a) describe the development (including rehabilitation and road maintenance) that was carried out in the previous calendar year, and the development that is proposed to be carried out over the current calendar year;	Yes	Sections 4.1 and 4.2 present activities for the period 1 July 2019 to 30 June 2020. Section 4.3 presents activities planned for 2020-2021.
	b) include a comprehensive review of the monitoring results and complaints records of the development over the previous calendar year, which includes a comparison of these results against: <ul style="list-style-type: none"> <li>• the relevant statutory requirements, limits or performance measures/criteria;</li> <li>• requirements of any plan or program required under this consent;</li> <li>• the monitoring results of previous years; and</li> <li>• the relevant predictions in the documents listed in condition 2 of Schedule 2;</li> </ul>	Yes	A summary of all monitoring undertaken during 2019-2020 is presented in Sections 6 and 7.
Yes* = Compliance established initially – no longer requires compliance assessment			
Yes = Compliance established fully during the 2020 audit for the period 1 July 2019 to 30 June 2020			
NA = Not Applicable		NYA = Not Yet Applicable	ND = Not Determined

**Table A1.1**  
**Compliance with Development Consent DA 283/97 (Issued 1 April 2016)**  
**for Operation of Possum Brush Quarry**  
**Period 1 July 2019 to 30 June 2020**

Page 23 of 24

Condition No.	Conditional Requirement	Compliance	Basis for Assessment
<b>SCHEDULE 5 – ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING (Cont'd)</b>			
<b>ANNUAL REVIEW (Cont'd)</b>			
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 2019-2020.
	d) identify any trends in the monitoring data over the life of the development;	Yes	See <b>Tables 5 to 8</b>
	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 11.
	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
<b>INDEPENDENT ENVIRONMENTAL AUDIT</b>			
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	An Independent Environmental Audit (IEA) was undertaken on 24 September 2019 by James Hart of AQUAS Pty Ltd. The IEA addressed all conditional requirements and covered the period from October 2016 to September 2019. The IEA report can be inspected on the PBM website.
11	Within 6 weeks of commissioning this audit, or as otherwise agreed by the Secretary, the Applicant shall submit a copy of the audit report to the Secretary, together with its response to any recommendations contained in the audit report.	Yes	A copy of the IEA report was submitted to DPIE in accordance with this condition.
Yes* = Compliance established initially – no longer requires compliance assessment			
Yes = Compliance established fully during the 2020 audit for the period 1 July 2019 to 30 June 2020			
NA = Not Applicable                                      NYA = Not Yet Applicable                                      ND = Not Determined			



**Table A1.2**  
**Compliance for Development and Operation of Asphalt Plant DA 1127/2005 – Period 2019-2020**

Page 1 of 1

Condition No.	Subject	Compliance	Basis for Assessment
1	Development of the site generally in accordance with the Statement of Environmental Effects.	Yes	Observation by N. Warren.
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"> <li>- Gross Pollutant Traps (GPT) are to be installed at the last inlet pits before stormwater enters receiving waters.</li> <li>- Details of the GPTs, submitted to Council with the engineering drawings.</li> </ul>	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.
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 – Source: Quarry Manager.
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 18 nights. 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 <b>Table A1.4</b> .
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	The noise monitoring is undertaken annually and was completed on 24 September 2019.
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.
Yes* = Compliance established initially – no longer requires compliance assessment			
Yes = Compliance established fully during the 2020 audit			
NA = Not Applicable		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**  
**Compliance for Development and Operation of Recycling Plant<sup>1</sup> DA769/2009 – Period 2019-2020**

Page 1 of 3

Condition No.	Subject	Compliance	Basis for Assessment										
1	<p>The development is to be carried out in accordance with the following approved development plans:</p> <table border="1"> <thead> <tr> <th>Title/Name</th> <th>Drawing/No.</th> <th>Revision/Issue</th> <th>Date</th> <th>Prepared by</th> </tr> </thead> <tbody> <tr> <td>PBM Recycling</td> <td>Proposed Locations</td> <td>-</td> <td>-</td> <td>Pacific Blue Metal Pty Ltd</td> </tr> </tbody> </table>	Title/Name	Drawing/No.	Revision/Issue	Date	Prepared by	PBM Recycling	Proposed Locations	-	-	Pacific Blue Metal Pty Ltd	Yes	Incoming waste materials currently stockpiled in Area A – sighted by N. Warren on 16 July 2020.
Title/Name	Drawing/No.	Revision/Issue	Date	Prepared by									
PBM Recycling	Proposed Locations	-	-	Pacific Blue Metal Pty Ltd									
2	<p>The NSW Environment Protection Authority has given General Terms of approval in relation to the development. The General Terms of approval are as follows:</p> <p>a. Trucks associated with the waste recycling activities must not enter the premises prior to 7:00 am.</p> <p>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.</p>	Yes	All truck drivers are advised not to enter site before 7:00am. Signage at Front Gate plus Site Induction. Source: Quarry Manager										
	<p>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.</p>	Yes	All Stormwater is contained within the Quarry Surface Water Management System as discussed in the Water Management Plan.										
	<p>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.</p>	Yes	All erosion and sediment contained within the Quarry Surface Water Management System. Source: QSE Manager										
	<p>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.</p>	Yes	PBM has compiled a comprehensive QA program in consultation with the EPA to formalise waste acceptance criteria.										
	<p>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.</p>	Yes	Only permitted wastes have been received to date. During the reporting period, no truck loads of wastes were rejected after inspection.										

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

Yes = Compliance established fully during the 2020 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.





Table A1.3 (Cont'd)  
Compliance for Development and Operation of Recycling Plant<sup>1</sup> DA769/2009 – Period 2019-2020

Page 3 of 3

Condition No.	Subject	Compliance	Basis for Assessment
	i. 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 stored on site.
	j. All residual waste by-products from the waste recycling operations conducted onsite (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	All residual waste by products are separated, stored and appropriately disposed of or, where possible, recycled. <b>Plate 5</b> displays the recycled material storage area.
	k. The proponent must supply to the EPA annually with the Environment Protection Licence Annual Return a plan and table showing, as at the licence anniversary date: <ul style="list-style-type: none"> <li>i) The location of all waste stockpiles on the premises;</li> <li>ii) The type of waste in each stockpile;</li> <li>iii) The height of each stockpile;</li> <li>iv) The amount of waste in each stockpile in tonnes; and</li> <li>v) The total amount of waste in all stockpiles in tonnes and whether the limit of 10,000 tonnes has been exceeded.</li> </ul>	Yes	The management of waste materials was addressed in the 2019-2020 Annual Return for EPL 3393 with all relevant information incorporated in the return.
<b>3</b>	Any soils accepted for beneficiation/recycling must not include organic material.	NA	No soils have been received on site.
<b>4</b>	The existing Environment Protection Licence 3393 issued by the EPA under the Protection of the Environment Operations Act 1997 must be amended to include the recycling plant. A copy of the amended licence must be submitted to Council prior to the commencement of the operations.	Yes	EPL amended 26 May 2016 to include “Resource Recovery” of general waste. A copy of the EPL was supplied to Council on 15 September 2016.
<b>5</b>	Separate metal recycling not resulting as a by-product of the break up of reinforced concrete and the like will not be permitted.	Yes	Only steel within concrete is received and separated.

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

Yes = Compliance established fully during the 2020 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.





**Table A1.4  
Compliance for Environment Protection Licence 3393 – Period 2019-2020**

Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment															
<b>1 Administrative Conditions</b>																		
<b>A1 What the licence authorises and regulates</b>																		
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 border="1" data-bbox="284 734 863 904"> <thead> <tr> <th>Scheduled Activity</th> <th>Fee Based Activity</th> <th>Scale</th> </tr> </thead> <tbody> <tr> <td>Crushing, grinding or separating</td> <td>Crushing, grinding or separating</td> <td>&gt; 100000 - 500000 T annual processing capacity</td> </tr> <tr> <td>Extractive activities</td> <td>Land-based extractive activity</td> <td>&gt; 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> </tbody> </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 2019-2020, annual production (sales) of quarry products, asphalt and recycled materials totalled 219 219 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																
<b>A2 Premises or plant to which this licence applies</b>																		
A2.1	<p>The licence applies to the following premises:</p> <table border="1" data-bbox="284 1061 863 1294"> <thead> <tr> <th>Premises Details</th> </tr> </thead> <tbody> <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 &amp; DPS AS DEFINED ON THE AERIAL MAP TITLED "PACIFIC BLUE METAL PROPOSED EPL ADJUSTMENT" DATED 11/03/2016 (DOC16/133907 ON FILE EF13/3417).</td> </tr> </tbody> </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 (DOC16/133907 ON FILE EF13/3417).	Noted									
Premises Details																		
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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 (DOC16/133907 ON FILE EF13/3417).																		
<b>A3 Other activities</b>																		
A3.1	<p>This licence applies to all other activities carried on at the premises, including:</p> <table border="1" data-bbox="284 1422 863 1469"> <thead> <tr> <th>Ancillary Activity</th> </tr> </thead> <tbody> <tr> <td>Bitumen mixing</td> </tr> </tbody> </table>	Ancillary Activity	Bitumen mixing	Noted														
Ancillary Activity																		
Bitumen mixing																		
<b>A4 Information supplied to the EPA</b>																		
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> <ul style="list-style-type: none"> <li>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</li> <li>b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.</li> </ul>	Noted																
Yes* = Compliance established initially – no longer requires compliance assessment																		
Yes = Compliance established fully during the 2020 audit																		
NA = Not Applicable		NYA = Not Yet Applicable																
			ND = Not Determined															



**Table A1.4 (Cont'd)**  
**Compliance for Environment Protection Licence 3393 – Period 2019-2020**

Page 2 of 19

Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment												
<b>2 Discharges to Air and Water and Applications to Land</b>															
<b>P1 Location of monitoring/discharge points and areas</b>															
P1.1	The following points referred to in the table below are identified in this licence for the purposes of monitoring and/or the setting of limits for the emission of pollutants to the air from the point.  <table border="1"> <thead> <tr> <th colspan="4">Air</th> </tr> <tr> <th>EPA Identification no.</th> <th>Type of Monitoring Point</th> <th>Type of Discharge Point</th> <th>Location Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Stack</td> <td>Stack</td> <td>Asphalt plant</td> </tr> </tbody> </table>	Air				EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description	1	Stack	Stack	Asphalt plant	Noted	
Air															
EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description												
1	Stack	Stack	Asphalt plant												
P1.2	The following utilisation areas referred to in the table below are identified in this licence for the purposes of the monitoring and/or the setting of limits for any application of solids or liquids to the utilisation area.	Noted													
P1.3	The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point.  <table border="1"> <thead> <tr> <th colspan="4">Water and land</th> </tr> <tr> <th>EPA Identification no.</th> <th>Type of Monitoring Point</th> <th>Type of Discharge Point</th> <th>Location Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Discharge to Waters Discharge Quality Monitoring</td> <td>Discharge to Waters Discharge Quality Monitoring</td> <td>The discharge from Sediment Dam 3 as shown in Figure 2.1 of the EIS of September 1997 completed by ERM Mitchell McCotter Pty Ltd. This figure has been filed on DECCW file number 271458A2</td> </tr> </tbody> </table>	Water and land				EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description	2	Discharge to Waters Discharge Quality Monitoring	Discharge to Waters Discharge Quality Monitoring	The discharge from Sediment Dam 3 as shown in Figure 2.1 of the EIS of September 1997 completed by ERM Mitchell McCotter Pty Ltd. This figure has been filed on DECCW file number 271458A2	Noted	Sediment Dam 3 is shown on <b>Figure 2.1</b> .
Water and land															
EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description												
2	Discharge to Waters Discharge Quality Monitoring	Discharge to Waters Discharge Quality Monitoring	The discharge from Sediment Dam 3 as shown in Figure 2.1 of the EIS of September 1997 completed by ERM Mitchell McCotter Pty Ltd. This figure has been filed on DECCW file number 271458A2												
<b>3 Limit Conditions</b>															
<b>L1 Pollution of waters</b>															
L1.1	Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997.	Yes	Water was discharged from Sediment Dam 3 twice during the reporting period (10 February 2020 and 27 March 2020). Analyses of the sample collected identified compliance with EPL limits. It is noted that this dam is not at the boundary of the subject property and water flows from the property at least 800m downstream of Dam 3.												
<b>L2 Concentration limits</b>															
L2.1	For each monitoring/discharge point or utilisation area specified in the table below (by a point number), the concentration of a pollutant discharged at that point, or applied to that area, must not exceed the concentration limits specified for that pollutant in the table.	Yes	Section 7 presents a summary of the results of analyses for the samples collected during the reporting period.												
L2.2	Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.	Yes	The pH results were within the nominated range of 6.5-8.5.												
L2.3	To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table.	Noted													
Yes* = Compliance established initially – no longer requires compliance assessment Yes = Compliance established fully during the 2020 audit															
NA = Not Applicable		NYA = Not Yet Applicable													
		ND = Not Determined													



**Table A1.4 (Cont'd)**  
**Compliance for Environment Protection Licence 3393 – Period 2019-2020**

Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment																								
<b>3 Limit Conditions (Cont'd)</b>																											
<b>L2 Concentration limits (Cont'd)</b>																											
L2.4	<p>Air Concentration Limits.</p> <p>POINT 1</p> <table border="1"> <thead> <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> </thead> <tbody> <tr> <td>Solid Particles</td> <td>milligrams per cubic metre</td> <td>50</td> <td></td> <td></td> <td></td> </tr> </tbody> </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 border="1"> <thead> <tr> <th>Pollutant</th> <th>Units of Measure</th> <th>50 percentile concentration limit</th> <th>90 percentile concentration limit</th> <th>3DGM concentration limit</th> <th>100 percentile concentration limit</th> </tr> </thead> <tbody> <tr> <td>Oil and Grease</td> <td>Visible</td> <td></td> <td></td> <td></td> <td>10mg/L &amp;/or non-visual</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> </tbody> </table>	Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit	Oil and Grease	Visible				10mg/L &/or non-visual	pH	pH				6.5-8.5	Total suspended solids	milligrams per litre				50	Yes	Monitoring was undertaken on two occasions at Point 2 during the reporting period.
Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit																						
Oil and Grease	Visible				10mg/L &/or non-visual																						
pH	pH				6.5-8.5																						
Total suspended solids	milligrams per litre				50																						
<b>L3 Waste</b>																											
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 border="1"> <thead> <tr> <th>Code</th> <th>Waste</th> <th>Description</th> <th>Activity</th> <th>Other Limits</th> </tr> </thead> <tbody> <tr> <td>NA</td> <td>General solid waste (non-putrescible)</td> <td>Concrete, Bricks, Asphalt, Tiles.</td> <td>Resource recovery Waste storage</td> <td>Total 10,000 tonnes per annum</td> </tr> <tr> <td></td> <td></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></td> <td></td> </tr> </tbody> </table>	Code	Waste	Description	Activity	Other Limits	NA	General solid waste (non-putrescible)	Concrete, Bricks, Asphalt, Tiles.	Resource recovery Waste storage	Total 10,000 tonnes per annum			Building and Demolition Waste that does not contain asbestos as defined in the EPA's Waste Classification Guideline Part 1: Classifying Waste			Yes	All wastes imported were building and demolition waste and waste asphalt. A total of 5 626.14 tonnes were imported during the reporting period.									
Code	Waste	Description	Activity	Other Limits																							
NA	General solid waste (non-putrescible)	Concrete, Bricks, Asphalt, Tiles.	Resource recovery Waste storage	Total 10,000 tonnes per annum																							
		Building and Demolition Waste that does not contain asbestos as defined in the EPA's Waste Classification Guideline Part 1: Classifying Waste																									
L3.2	The authorised amount of waste permitted on the premises must not exceed 10 000 tonnes at any time.	Yes	A total of 5 626.14 tonnes of waste was accepted during the reporting period.																								
Yes* = Compliance established initially – no longer requires compliance assessment																											
Yes = Compliance established fully during the 2020 audit																											
NA = Not Applicable		NYA = Not Yet Applicable																									
		ND = Not Determined																									

**Table A1.4 (Cont'd)**  
**Compliance for Environment Protection Licence 3393 – Period 2019-2020**

Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment												
<b>3 Limit Conditions (Cont'd)</b>															
<b>L4 Noise limits</b>															
L4.1	<p>Noise generated at the premises must not exceed the noise limits presented in the Table below.</p> <table border="1"> <thead> <tr> <th>Location</th> <th>Limit LAeq 15 minute (dBA)</th> <th>Noise Limit L<sub>Amax</sub> (dBA)</th> </tr> </thead> <tbody> <tr> <td>Receiver Location 1 – 5 St Peters Ct, Possum Brush</td> <td>39</td> <td>45</td> </tr> <tr> <td>Receiver Location 2 – 175 Possum Brush Rd, Possum Brush</td> <td>38</td> <td>45</td> </tr> <tr> <td>Receiver Location 3 – 55 Possum Brush Rd, Possum Brush</td> <td>37</td> <td>45</td> </tr> </tbody> </table> <p><i>Note: The LAeq limits apply at all times, that is, Daytime, Evening and Night Time Operations.</i></p> <p><i>The L<sub>Amax</sub> limits apply to the "night-time" operations.</i></p> <p><i>Note: Receiver Locations are shown in the plan titled Figure 2 Location of Nearest Sensitive Receptors, which is found within the report prepared by Heggies titled "Pacific Blue Metal Quarry Noise Compliance Assessment Asphalt Plant Night-time Operations", dated 14 April 2010. This report has been filed on DECCW file LIC08/1650-02.</i></p>	Location	Limit LAeq 15 minute (dBA)	Noise Limit L <sub>Amax</sub> (dBA)	Receiver Location 1 – 5 St Peters Ct, Possum Brush	39	45	Receiver Location 2 – 175 Possum Brush Rd, Possum Brush	38	45	Receiver Location 3 – 55 Possum Brush Rd, Possum Brush	37	45	Yes	Noise monitoring undertaken on 24 September 2019 and confirmed that the day/evening and night-time limits nominated in <b>Table 2</b> were satisfied. A summary of the noise monitoring results is posted on PBM's website.
Location	Limit LAeq 15 minute (dBA)	Noise Limit L <sub>Amax</sub> (dBA)													
Receiver Location 1 – 5 St Peters Ct, Possum Brush	39	45													
Receiver Location 2 – 175 Possum Brush Rd, Possum Brush	38	45													
Receiver Location 3 – 55 Possum Brush Rd, Possum Brush	37	45													
L4.2	<p>For the purpose of the Noise Limits specified in the table above:</p> <p>a) Day is defined as the period from 7am to 6pm Monday to Saturday and 8am to 6pm Sunday and Public Holiday's.</p> <p>b) Evening is defined as the period 6pm to 10pm.</p> <p>c) Night is defined as the period from 10pm to 7am Monday to Saturday and 10pm to 8am Sunday and Public Holiday's.</p>	Noted													
L4.3	<p>Noise limits specified in the table above apply under all meteorological conditions except for:</p> <p>a) Wind speeds greater than 3m/second at 10m above ground level.</p> <p>b) Stability category F temperature inversion conditions and wind speeds greater than 2m/second at 10m above ground level; or</p> <p>c) Stability category G temperature inversion conditions.</p>	Yes	The report by Spectrum Acoustics identifies complying noise levels were measured under appropriate meteorological conditions.												
L4.4	<p>For the purposes of the condition above, stability category temperature inversion conditions are to be determined by the sigma-theta method referred to in Part E4 of Appendix E to the NSW Industrial Noise Policy.</p>	NA	Temperature inversions are not a feature of the area near the Possum Brush Quarry given its close proximity to the coast.												
L4.5	<p>For the purposes of determining the noise generated at the premises a Class 1 or 2 noise monitoring equipment as defined by AS IEC61672.1-2004 and AS IEC61672.2-2004, or other noise monitoring equipment accepted by the EPA in writing, must be used.</p>	Yes	Equipment used by Spectrum Acoustics satisfies this requirement.												
<p>Yes* = Compliance established initially – no longer requires compliance assessment Yes = Compliance established fully during the 2020 audit</p>															
NA = Not Applicable		NYA = Not Yet Applicable	ND = Not Determined												



**Table A1.4 (Cont'd)**  
**Compliance for Environment Protection Licence 3393 – Period 2019-2020**

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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment
<b>3 Limit Conditions (Cont'd)</b>			
<b>L5 Blasting (Cont'd)</b>			
L5.3	Ground vibration peak particle velocity from the blasting operations at the premises must not exceed 10mm/sec 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	All measured levels were less than 10.0mm/sec. Highest level recorded = 4.82mm/sec.
L5.4	Ground vibration peak particle velocity from the blasting operations at the premises must not exceed 5mm/sec 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	All measured levels were less than 5mm/sec. Highest level recorded = 4.82mm/sec.
L.5.5	To determine compliance with the blasting limits specified in the above four (4) conditions:  a) Airblast overpressure and ground vibration levels must be measured at any point within 1 metre of any affected residential boundary or other noise sensitive location such as a school or hospital for all blasts carried out in or on the premises; and  b) Instrumentation used to measure the airblast overpressure and ground vibration levels must meet the requirements of Australian Standard 2187.2 of 1993.	Yes  Yes	Blast monitoring is undertaken as required by this condition.
L5.6	Blasting operations at the premises may only take place between 9:00am – 3:00pm Monday to Friday. Blasting is not permitted on public holidays.  Blasting outside the hours specified above can only take place with the written approval of the EPA.	Yes	Documentation – blast times for all five blasts were within nominated period (11:58am to 2:54pm).
L5.7	Offensive blast fume must not be emitted from the premises.  <i>Definition:</i> <i>Offensive blast fume means post-blast gases from the detonation of explosives at the premises that by reason of their nature, duration, character or quality, or the time at which they are emitted, or any other circumstances:</i>  1. are harmful to (or likely to be harmful to) a person that is outside the premises from which it is emitted, or  2. interferes unreasonably with (or is likely to interfere unreasonably with) the comfort or repose of a person who is outside the premises from which it is emitted.	Yes	No offensive blast fume was emitted from the five blasts initiated during the reporting period. Source: Quarry Manager
Yes* = Compliance established initially – no longer requires compliance assessment Yes = Compliance established fully during the 2020 audit			
NA = Not Applicable		NYA = Not Yet Applicable	ND = Not Determined





**Table A1.4 (Cont'd)**  
**Compliance for Environment Protection Licence 3393 – Period 2019-2020**

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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment
<b>3 Limit Conditions (Cont'd)</b>			
<b>L6 Hours of Operation (Cont'd)</b>			
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 <a href="mailto:newcastlerequest@environment.nsw.gov.au">newcastlerequest@environment.nsw.gov.au</a>, 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>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 18 nights after 6:00pm during the reporting period.</p> <p>Notifications are sent concurrently to surrounding residents, Council and EPA (<a href="mailto:hunter.region@epa.nsw.gov.au">hunter.region@epa.nsw.gov.au</a>) 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			
Yes = Compliance established fully during the 2020 audit			
NA = Not Applicable		NYA = Not Yet Applicable	ND = Not Determined



**Table A1.4 (Cont'd)**  
**Compliance for Environment Protection Licence 3393 – Period 2019-2020**

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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment
<b>3 Limit Conditions (Cont'd)</b>			
<b>L6 Hours of Operation (Cont'd)</b>			
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 NA NA	No notifications were required during the reporting period. No notifications were required during the reporting period. No notifications were required during the reporting period.
<p>Yes* = Compliance established initially – no longer requires compliance assessment Yes = Compliance established fully during the 2020 audit NA = Not Applicable NYA = Not Yet Applicable ND = Not Determined</p>			



**Table A1.4 (Cont'd)**  
**Compliance for Environment Protection Licence 3393 – Period 2019-2020**

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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment
<b>3 Limit Conditions (Cont'd)</b>			
<b>L6 Hours of Operation (Cont'd)</b>			
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	Register maintained on site recording all trucks delivering waste to the Quarry arrived after 7:00am. Source: Quarry Manager
<b>L7 Potentially offensive odour</b>			
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
<b>4 Operating Conditions</b>			
<b>O1 Activities must be carried out in a competent manner</b>			
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 N. Warren.
<b>O2 Maintenance of plant and equipment</b>			
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 N. Warren – all bunding and spill containment systems were in place. All bunds are checked regularly as part of the workplace inspections.
<b>O3 Dust</b>			
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	All operations and activities occurring at the premises must be carried out in a manner that will minimise the emission of air impurities, including dust, from the premises.	Yes	The sealed road and regular road watering ensures that air quality incidents relating to the quarry are avoided.
O3.3	Trucks entering and leaving the premises that are carrying loads of materials that may generate air impurities, including dust, must have their loads covered at all times, except during loading and unloading.	Yes	Observation by N. Warren and supportive CCT. Source: Quarry Manager.

**Table A1.4 (Cont'd)**  
**Compliance for Environment Protection Licence 3393 – Period 2019-2020**

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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment
<b>4 Operating Conditions (Cont'd)</b>			
O4 Emergency Response			
	<p>The licensee must maintain, and implement as necessary, a current Pollution Incident Response Management Plan (PIRMP) for the premises in accordance with Part 5.7A of the Protection of the Environment Operations Act 1997 and Part 3A of the Protection of the Environment Operations (General) Regulation 2009.</p> <p>The licensee must keep the PIRMP on the premises at all times.</p> <p>The PIRMP must document systems and procedures to deal with all types of incidents (eg spills, explosions or fire) that may occur at the premises or that may be associated with activities at the premises and which are likely to cause harm to the environment.</p> <p>The PIRMP must be tested at least annually and following a pollution incident.</p>	Yes	PBM maintain a PIRMP and it is tested annually.
<b>O5 Processes and management</b>			
O5.1	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.
O5.2	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 N. Warren. Erosion and sediment controls are located within the extraction area.
O5.3	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 N. Warren and regular checks as part of the workplace inspection – the on-site hydrocarbon storage is considered satisfactory.
O5.4	<p>Bunds must:</p> <p>a) have walls and floors constructed of impervious materials;</p> <p>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);</p> <p>c) have floors graded to a collection sump; and</p> <p>d) not have a drain valve incorporated in the bund structure,</p> <p>or be constructed and operated in a manner that achieves the same environmental outcome.</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>	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.
<b>O6 Waste management</b>			
O6.1	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.
Yes* = Compliance established initially – no longer requires compliance assessment			
Yes = Compliance established fully during the 2020 audit			
NA = Not Applicable		NYA = Not Yet Applicable	
		ND = Not Determined	

**Table A1.4 (Cont'd)**  
**Compliance for Environment Protection Licence 3393 – Period 2019-2020**

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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment
<b>4 Operating Conditions (Cont'd)</b>			
<b>O6 Waste management (Cont'd)</b>			
O6.2	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: <ul style="list-style-type: none"> <li>a) Inspection of the waste received at the premises (prior to tipping) to ensure it only contains the wastes allowed by this licence;</li> <li>b) Inspection of the waste after tipping at the premises to ensure it only contains the wastes allowed by this licence;</li> <li>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).</li> </ul>	Yes	PBM has developed a comprehensive Quality Assurance Program to meet these requirements.
O6.3	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 waste was required to be rejected during the reporting period.
O6.4	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 waste was required to be rejected during the reporting period.
O6.5	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 waste was required to be rejected during the reporting period.
O6.6	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 waste was required to be rejected during the reporting period.
<b>5 Monitoring and Recording Conditions</b>			
<b>M1 Monitoring records</b>			
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.
Yes* = Compliance established initially – no longer requires compliance assessment			
Yes = Compliance established fully during the 2020 audit			
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**Table A1.4 (Cont'd)**  
**Compliance for Environment Protection Licence 3393 – Period 2019-2020**

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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment
<b>5 Monitoring and Recording Conditions (Cont'd)</b>			
<b>M7 Other monitoring and recording conditions</b>			
<b>Requirement to Monitor Noise</b>			
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; 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.	Yes	Noise monitoring was undertaken by Spectrum Acoustics on 24 September 2019 and confirmed that the day/evening and night-time limits nominated in <b>Table 2</b> were satisfied. A summary of the noise monitoring results is posted on PBM's website.
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	
<b>6 Reporting Conditions</b>			
<b>R1 Annual return documents</b>			
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	A signed Annual Return for the period 2019 to 2020 was submitted electronically to the EPA on 27/09/2019. This submission was accompanied by a signed statement of compliance.
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	
Yes* = Compliance established initially – no longer requires compliance assessment			
Yes = Compliance established fully during the 2020 audit			
NA = Not Applicable		NYA = Not Yet Applicable	
		ND = Not Determined	



**Table A1.4 (Cont'd)**  
**Compliance for Environment Protection Licence 3393 – Period 2019-2020**

Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment
<b>6 Reporting Conditions (Cont'd)</b>			
<b>R1 Annual return documents (Cont'd)</b>			
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 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. <i>Note: An application to transfer a licence must be made in the approved form for this purpose.</i>	NA	No transfer has been necessary.
R1.4	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: a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.	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 2019 to 2020 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.
R1.7	Within the Annual Return, the Statement of Compliance must be certified and the Monitoring and Complaints Summary must be signed by: a) the licence holder; or b) by a person approved in writing by the EPA to sign on behalf of the licence holder.	Yes	The Annual Return for 2019 – 2020 was signed electronically by two directors.
Yes* = Compliance established initially – no longer requires compliance assessment Yes = Compliance established fully during the 2020 audit			
NA = Not Applicable                                      NYA = Not Yet Applicable                                      ND = Not Determined			





**Table A1.4 (Cont'd)**  
**Compliance for Environment Protection Licence 3393 – Period 2019-2020**

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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment
<b>6 Reporting Conditions (Cont'd)</b>			
<b>R1 Annual return documents (Cont'd)</b>			
R1.8	The licensee must supply annually with the Environment Protection Licence Annual Return a plan and table showing as at the licence anniversary date: <ol style="list-style-type: none"> <li>1. The location of all waste stockpiles on the premises;</li> <li>2. The type of waste in each stockpile;</li> <li>3. The height of each stockpile;</li> <li>4. The amount of waste in each stockpiles in tonnes; and</li> <li>5. The total amount of waste in all stockpiles in tonnes and whether the limit of tonnes has been exceeded.</li> </ol>	Yes	The Annual Return for 2019 – 2020 included a map and table outlining the waste data required.
<b>R2 Notification of environmental harm</b>			
	<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.
<b>R3 Written Report</b>			
R3.1	Where an authorised officer of the EPA suspects on reasonable grounds that: <ol style="list-style-type: none"> <li>a) where this licence applies to premises, an event has occurred at the premises; or</li> <li>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.</li> </ol>	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.
Yes* = Compliance established initially – no longer requires compliance assessment			
Yes = Compliance established fully during the 2020 audit			
NA = Not Applicable		NYA = Not Yet Applicable	ND = Not Determined

**Table A1.4 (Cont'd)**  
**Compliance for Environment Protection Licence 3393 – Period 2019-2020**

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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment
<b>6 Reporting Conditions (Cont'd)</b>			
<b>R3 Written Report (Cont'd)</b>			
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.
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.
<b>R4 Other reporting conditions</b>			
<b>Noise and Blast Monitoring Records supplies with Annual Return</b>			
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 was provided to the EPA with the Annual Return.
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.
Yes* = Compliance established initially – no longer requires compliance assessment Yes = Compliance established fully during the 2020 audit			
NA = Not Applicable NYA = Not Yet Applicable ND = Not Determined			



**Table A1.4 (Cont'd)**  
**Compliance for Environment Protection Licence 3393 – Period 2019-2020**

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Condition No.	Relevant Conditional Requirement	Compliance	Basis for Assessment						
<b>6 Reporting Conditions (Cont'd)</b>									
<b>R4 Other reporting conditions (Cont'd)</b>									
<b>Noise and Blast Monitoring Records supplies with Annual Return (Cont'd)</b>									
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.						
<b>7 General Conditions</b>									
<b>G1 Copy of licence kept at the premises or plant</b>									
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.						
<b>G2 Other general conditions</b>									
G2.1	<p>Completed Programs</p> <table border="1"> <thead> <tr> <th>PRP</th> <th>Description</th> <th>Completed Date</th> </tr> </thead> <tbody> <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> </tbody> </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 2020 audit									
NA = Not Applicable                                      NYA = Not Yet Applicable                                      ND = Not Determined									

# Appendix 2

## Summary of Quarry Products Transportation Records

(Total No. of pages including blank pages = 2)



**Table A2.1**  
**Summary of Maximum Hourly Heavy Vehicle Movements**

Month	Date	Maximum Number of Heavy Vehicle Movements*	Nominated Hour Period
July 2019	10/07/19	24	11:00am – 12:00pm
August 2019	28/08/19	28	9:00am – 10:00am
September 2019	3/09/19	32	1:00pm – 2:00pm
October 2019	28/10/19	30	7:00am – 8:00am
November 2019	07/11/19 08/11/19 19/11/19	28	7:00am – 8:00am 7:00am – 8:00am 10:00am – 11:00am
December 2019	09/12/19	32	8:00am – 9:00am
January 2020	15/01/19	22	11:00am – 12:00pm
February 2020	26/02/20 27/02/20	20	7:00am – 8:00am 2:00pm – 2:00pm
March 2020	13/03/20	30	12:00pm – 1:00pm
April 2020	24/04/20 30/04/20	34	7:00am – 8:00am 7:00am – 8:00am
May 2020	07/05/20 12/05/20	36	7:00am – 8:00am 2:00pm – 3:00pm
June 2020	16/06/20 17/06/20 18/06/20 19/06/20	36	8:00am – 9:00am Multiple refer Section 6.5 Multiple refer Section 6.5 Multiple refer Section 6.5

\* 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 A2.2**  
**Summary of Maximum Daily Heavy Vehicle Movements**

Month	Date	Maximum Number of Heavy Vehicle Movements*
July 2019	10/07/19	108
August 2019	28/08/19	174
September 2019	03/09/19	208
October 2019	29/10/19	134
November 2019	19/11/19	174
December 2019	09/12/20	212
January 2020	15/01/20	130
February 2020	26/02/20	108
March 2020	13/03/20	160
April 2020	17/04/20	200
May 2020	12/05/20	250
June 2020	19/06/20	294

\* 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.