

Appendices

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Appendix 1 Compliance Tables for Development Consents for the Asphalt and Recycling Plants (5 pages)

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Appendix 1

Compliance Tables for Development Consents for the Asphalt and Recycling Plants

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- Table A1.1 Compliance for Development and Operation of Asphalt Plant
DA 1127/2005 (Issued by Greater Taree City Council on 25 July 2005)
– Period 1 July 2018 to 30 June 2019
- Table A1.2 Compliance for Development and Operation of Recycling Plant
DA 769/2009 (Issued by Greater Taree City Council on 18 July 2014)
– Period 1 July 2018 to 30 June 2019

Table A1.1
Compliance for Development and Operation of Asphalt Plant DA 1127/2005 – Period 2018-2019

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Condition No.	Subject	Compliance	Basis for Assessment
1	Development of the site generally in accordance with the Statement of Environmental Effects.	Yes	Observation by R. Corkery.
2	Submit Construction Certificate with Council at least 48 hours prior to commencement of any building work on the site.	Yes*	Construction Certificate submitted on 24 November 2007. No further building work required.
3	Payment of the prescribed Long Service Levy Fee prior to the issue of a Construction Certificate.	Yes*	Source: Quarry Manager.
4	Repair any damage to existing roads caused during the construction works, prior to the issue of an Occupation Certificate.	NA	No damage was caused during the construction period.
5	<ul style="list-style-type: none"> - Gross Pollutant Traps (GPT) are to be installed at the last inlet pits before stormwater enters receiving waters. - Details of the GPTs, submitted to Council with the engineering drawings. 	NA	Reliance placed on existing water management structures within the Possum Brush Quarry.
6	All adjustments to existing utility services are to be undertaken by the developer.	Yes	All services are now in place.
7	Repair any damage to existing roads caused during the constructions works prior to the issue of an Occupation Certificate.	NA	No damage was caused during the construction period.
8	Compliance with the General Terms of Approval issued by the Department of Environment and Conservation.	Yes	The nominated conditions are consistent with EPL 3393 (Assessed through an Independent Environmental Audit).
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 (The plant was not operational on the day of the audit (19 September 2019)).
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 22 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	Assessed through an Independent Environmental Audit.
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 biennially with the last monitoring undertaken on 18 July 2017. Monitoring is scheduled for 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 (Mod 4).

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

Yes = Compliance established fully during the 2019 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 A1.2
Compliance for Development and Operation of Recycling Plant¹ DA769/2009 – Period 2018-2019

Page 1 of 3

Condition No.	Subject	Compliance	Basis for Assessment							
1	The development is to be carried out in accordance with the following approved development plans:	Yes	Incoming waste materials currently stockpiled in Area A – sighted by R. Corkery on 19 September 2019.							
	<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
Title/ Name	Drawing/ No.	Revision/ Issue	Date	Prepared by						
PBM Recycling	Proposed Locations	-	-	Pacific Blue Metal Pty Ltd						
2	The NSW Environment Protection Authority has given General Terms of approval in relation to the development. The General Terms of approval are as follows:									
	<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 L_{Amax} 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							
	b. Stormwater from all areas of the premises which has the potential to mobilise sediments and other material must be controlled and diverted through the appropriate erosion and sediment control and/or pollution control measures/structures.	Yes	All Stormwater is contained within the Quarry Surface Water Management System as discussed in the Water Management Plan.							
	c. Erosion and sediment control and/or pollution measures and/or structures to capture stormwater from all areas of the premises must be installed and maintained.	Yes	All erosion and sediment contained within the Quarry Surface Water Management System. Source: QSE Manager							
	d. The proponent must ensure that any waste received at the premises is assessed and classified in accordance with the EPA's Waste Classification Guidelines as in force from time to time.	Yes	PBM has compiled a comprehensive QA program in consultation with the EPA to formalise waste acceptance criteria.							
	e. The proponent must not cause, permit or allow any waste to be received at the Premises, except the wastes expressly referred to in the column titled "Waste" and meeting the definition, if any, in the column titled "Description" in the table below. Any waste received at the Premises must only be used for activities referred to in relation to that waste in the column titled "Activity" in the table below. Any waste received at the Premises is subject to those limits or condition, if any, referred to in relation to that waste contained in the column titled "Other Limits" in the table below. This condition does not limit any other conditions in this Licence.	Yes	Only permitted wastes have been received to date. During the reporting period, two truck loads of wastes were rejected after inspection (see h. below)							
<p>Yes* = Compliance established initially – no longer requires compliance assessment Yes = Compliance established fully during the 2019 audit</p>										
NA = Not Applicable		NYA = Not Yet Applicable	ND = Not Determined							
<p>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.</p>										



Table A1.2 (Cont'd)
Compliance for Development and Operation of Recycling Plant¹ DA769/2009 – Period 2018-2019

Page 2 of 3

Condition No.	Subject				Compliance	Basis for Assessment
	Waste	Description	Activity	Other Limits		A total of 7188.48 tonnes of materials were received during the reporting period.
	General Solid Waste (Non-putrescible)	Concrete, Bricks, Asphalt and Tiles	Resource Recovery/Waste Storage			
	General Solid Waste (Non-putrescible)	Building and Demolition Waste that does not contain asbestos as defined in the EPA's Waste Classification Guideline Part 1: Classifying Waste	Resource Recovery/Waste Storage	Total 10,000 tonnes per annum		
	General or Specific exempted waste	Waste that meets all the conditions of a resource recovery exemption under Clause 51 A of the Protection of the Environment Operations (Waste) Regulation 2005	As specified in each particular resource recovery exemption.	NA		
	f. The proponent must have in place at all times a quality assurance program to ensure only the types of wastes permitted above are received at the premises. This quality assurance program must include: i) Inspection of the waste received at the premises (prior to tipping) to ensure it only contains the wastes allowed by an Environment Protection Licence issued by the EPA; ii) Inspection of the waste after tipping at the premises to ensure it only contains the wastes allowed by an Environment Protection Licence issued by the EPA; iii) Documenting all loads of waste that are received at the premises that contain wastes other than those approved above (including name and registration number of waste supplier, why the waste load did not comply, and the fate of that load of waste).				Yes	PBM has compiled a comprehensive QA program in consultation with the EPA to formalise waste acceptance criteria.
	g. Prior to any wastes rejected by the Quality Assurance Program leaving the premises the proponent must obtain from the owner of such wastes details of where that waste will be disposed legally.				NYA	A rejected load register has been established.
	h. The proponent must notify Greater Taree City Council and Great Lakes Council within 30 minutes of any rejected waste load leaving the premises, including the name and registration number of waste supplier, why the waste load was rejected, and the proposed fate of that load of waste.				Yes	PBM rejected two (2) loads of materials on 24/07/18 and 03/08/19. MidCoast Council was informed of the two (2) rejected loads. The first notification was made by telephone within 30 minutes.. The second notification was made by email within the required 30 minutes – file notes and emails sighted by R. Corkery.
Yes* = Compliance established initially – no longer requires compliance assessment						
Yes = Compliance established fully during the 2017 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.						

Appendix 2

Return for Extractive Materials – 2018/2019

(Total No. of pages including blank pages = 3)





Planning,
Industry &
Environment

Form S 1

RETURN FOR EXTRACTIVE MATERIALS: YEAR ENDED 30 JUNE 2019

Quote RIMS ID in all correspondence

Quarry Id: 6047	Rims ID: 400043	Inquiries please telephone: (02) 4063 6713 Completed or Nil Returns Email – mineral.royalty@planning.nsw.gov.au Postal Address (see below)	2018-2019
Operators Name: Address:	PACIFIC BLUE METAL PTY LTD PO BOX 6 NABIAC NSW 2312		
Email:	charlie@pacificbluemetal.com.au	Please amend name, postal address and location of mine or quarry if incorrect or incomplete.	
Quarry Name:	POSSUM BRUSH QUARRY		
Quarry Address: NSW 2430	113 POSSUM BRUSH RD, POSSUM BRUSH NSW 2430		

The return should be completed and forwarded to Senior Advisory Officer, RESOURCE ECONOMICS, RESOURCE PLANNING & PROJECTS, NSW DEPARTMENT OF PLANNING, INDUSTRY & ENVIRONMENT, PO BOX 344 HUNTER REGION MAIL CENTRE NSW 2310 on or before 31 October 2019. If completion of the return is unavoidably delayed, an application for extension of time should be requested before the due date. If no work was done during the year, a NIL return must be forwarded.

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

Director, Resource Planning & Projects

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

Typical Geology _____ Hard Rock _____

Nearest Town to Quarry ___Nabiac_____

Local Council Name ___MidCoast Council_____

Deposited Plan and Lot Number/s of Quarry _____ Lot 109 DP753195 _____

Email Address of Operator _____charlie@pacificbluemetal.com.au_____

Name of Owner or Licensee ___Pacific Blue Metal Pty Ltd_____

Postal Address of Licensee ___PO Box 6 NABIAC NSW 2312_____

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

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

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

- SIGNATURE of PROPRIETOR or MANAGER _____ DATE 25/9/19
- CONTACT PERSON for this return _____
- NAME (Block letters) _____ CHARLIE KENNETT _____ Telephone _____ 6554 3206 _____



SALES During 2018-2019

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

Product	Description	Quantity Tonnes
Virgin Materials		
• Crushed Coarse Aggregates		
Over 75mm		22 392.77
Over 30mm to 75mm		63.14
5mm to 30mm		21 450.53
Under 5mm		5432.44
Natural Sand		
Manufactured Sand		
Prepared Road Base & Sub Base		87 880.69
Other Unprocessed Materials		1170.97
Recycled Materials		
• Crushed Coarse Aggregates		
Over 75mm		
Over 30mm to 75mm		
5mm to 30mm		7021.40
Under 5mm		
Natural Sand		
Manufactured Sand		
Prepared Road Base & Sub Base		
Other Unprocessed Materials		
• River Gravel		
Over 30mm		
5mm to 30mm		
Under 5mm		
• Construction Sand	Excluding Industrial	
• Industrial Sand		
Foundry, Moulding		
Glass		
Other (Specify)		
• Dimension Stone	Building, Ornamental, Monumental	
Quarried in Blocks		
Quarried in Slabs		
• Decorative Aggregate	Including Terrazzo	
• Loam	Soil for Topdressing, Garden soil, Horticultural purposes)	
• TOTAL SITE PRODUCTION		145 411.94
• Gross Value (\$) of all Sales		
• Type of Material	Grey Wacke	
• Number of Full-Time Equivalent (FTE) Employees	Employees: 19	Contractors 0

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



Appendix 3

Summary of Quarry Products Transportation Records

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



Table A3.1
Summary of Maximum Hourly Heavy Vehicle Movements

Month	Date	Maximum Number of Heavy Vehicle Movements*	Nominated Hour Period
July 2018	25/07/18	20	7:00am – 8:00am
August 2018	06/08/18	20	11:00am – 12:00pm
September 2018	12/09/18	26	8:00am – 9:00am
October 2018	31/10/18	28	7:00am – 8:00am
November 2018	01/11/18	30	7:00am – 8:00am
December 2018	20/12/18	20	7:00am – 8:00am 8:00am – 9:00am
January 2019	15/01/19	28	7:00am – 8:00am
February 2019	18/02/19	26	7:00am – 8:00am
March 2019	28/03/19	22	8:00am – 9:00am
April 2019	08/04/19	18	7:00am – 8:00am
May 2019	14/05/19	24	10:00am – 11:00am
June 2019	19/06/19	26	8:00am – 9:00am

* The nominated number of movements have been calculated by doubling the number of laden trucks either entering or leaving the Quarry in the nominated hour period.

Table A3.2
Summary of Maximum Daily Heavy Vehicle Movements

Month	Date	Maximum Number of Heavy Vehicle Movements*
July 2018	10/07/18	110
August 2018	06/08/18	134
September 2018	28/09/18	112
October 2018	31/10/18	154
November 2018	01/11/18	172
December 2018	19/12/18	108
January 2019	15/01/19	128
February 2019	13/02/19	138
March 2019	28/03/19	146
April 2019	08/04/19	104
May 2019	14/05/19	166
June 2019	19/06/19	156

* 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.