

Registration certificate

Environmental Protection Act 1994

Certificate of Registration

No: ENRE00996009

This amended registration certificate is issued by the administering authority and takes effect from: 29 January 2010.

The anniversary day for the purposes of the Annual Return remains: 25 November.

This registration certificate is a requirement of section 73F of the *Environmental Protection Act 1994* and authorises the registered operator to undertake the activities listed below at the following place; subject to the conditions set out in a development approval IPDE01243308 attached to the premises, or the relevant code of environmental compliance.

Registered Operator:-

Bemcove Pty Ltd
BMI Group Pty Ltd
42 Jordan Terrace
BOWEN HILLS QLD 4006

Place:-

No fixed place.

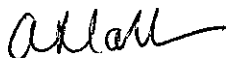
Located at:-

Various locations within the State of Queensland.

Registered Activities:-

ERA 16 Extractive and screening activities Threshold 3(a) - screening, in a year, 5000t to 100000t of material

ERA 33 Crushing, milling, grinding or screening - crushing, grinding, milling or screening more than 5000t of material in a year.



Delegate
Administering authority
Environmental Protection Act 1994

Date: 29/01/2010



Integrated Authority No. SR2847

Section 311 *Environmental Protection Act 1994*

This integrated authority, issued in accordance with section 311 of the Environmental Protection Act 1994 (the EP Act), provides for the carrying out of different Environmentally Relevant Activities at a place or Environmentally Relevant Activities at different places managed in an integrated way. This integrated authority comprises one or more type of environmental authority in accordance with sections 86, 93, 95, 104, 113 and 311, of the EP Act, and prescribes conditions relevant to each stated type of environmental authority.

Under the provisions of the *Environmental Protection Act 1994* this integrated authority is issued to:

Bemcove Pty Ltd
 c/- Hausler McDonald Whitelaw
 Level 12a 307 Queen Street
 BRISBANE QLD 4000

in respect of carrying out the Environmentally Relevant Activity (ERA) at the different places and under the type of environmental authority described in the following parts.

This integrated authority is subject to the conditions set out in the attached schedules for each part

The anniversary date of this integrated authority is 25 November each year.

This integrated authority takes effect from 25 November 2004.

Signed

Date

Lawrie Wade
Acting Manager (Licensing)
 Delegate of Administering Authority
Environmental Protection Act 1994

Note: This document is not proof of the current status of the authority. The current status of the authority may be ascertained by contacting the Environmental Protection Agency.



THIS INTEGRATED AUTHORITY CONSISTS OF THE FOLLOWING PART(S):

Each part is subject to conditions.

Part 1 - Licence Without Development Approval (Section 93 *Environmental Protection Act 1994*) for:

This part is for the carrying out of a level 1 environmentally relevant activity without a development approval, under chapter 4, part 3, division 2, subdivision 1 of the Environmental Protection Act 1994.

Environmentally Relevant Activity (ERA) 45 - Crushing, milling or grinding

processing products (other than agricultural products and materials mentioned in item 22), including, for example, uncured rubber and chemicals, by crushing or grinding or milling in works having a design production capacity of 5 000 t or more a year;

Environmentally Relevant Activity (ERA) 22(b) Screening etc. materials

screening, washing, crushing, grinding, milling, sizing or separating material extracted from the earth (other than under a mining authority) or by dredging using plant or equipment having a design capacity of 5 000 t or more, but less than 100 000 t, a year;

at premises / place described as:

n/a;

located within:

Brisbane and Sunshine Coast Districts of the Environmental Protection Agency.

The aforementioned descriptions of the ERA for which this authority is issued is a restatement of that ERA as defined by Schedule 1 of the Environmental Protection Regulation 1998 at the time of issuing this authority. Where there is any conflict between those descriptions of the ERA and the conditions of this authority as to the scale, intensity or manner of carrying out of the ERA, then such conditions prevail to the extent of the inconsistency.

This authority authorises the carrying out of the ERA. It does not authorise causation of environmental harm unless a condition of this authority explicitly authorises that harm. Where there is no such condition or the authority is silent on a matter, the lack of such condition or silence shall not be construed as authorising harm.

Schedule A - Activity

Prevent and /or minimise likelihood of environmental harm

- (A1-1) In carrying out the ERA, the holder must take reasonable and practicable measures to prevent or to minimise the likelihood of environmental harm being caused.

Maintenance of measures, plant and equipment

- (A2-1) The holder must:
- (a) install all measures, plant and equipment necessary to ensure compliance with the conditions of this authority;
 - (b) maintain such measures, plant and equipment in a proper and efficient condition; and
 - (c) operate such measures, plant and equipment in a proper and efficient manner.



Records

- (A3-1) Record, compile and keep all information including monitoring results required by this authority and present this information in a specified format to the administering authority when requested to do so.

Integrated Environmental Management System (IEMS)

- (A4-1) For the conduct of the ERA implement and maintain the Integrated Environmental Management System (IEMS) lodged in connexion with the application for this authority on 8 September 2004, or any amended version thereof.

Duration of operations

- (A5-1) The ERA must only be operated at a particular site within the administering authority's Brisbane and Sunshine Coast Districts on a temporary basis, that is not at any one place for more than 28 days in a calendar year but not for more than 6 times in a calendar year at any such place, or only for the construction or demolition phase of a project where the ERA is incidental to and is exclusively used for that project.

Exclusion of activities

- (A6-1) This authority does not authorise the conduct of the ERA at any time at 146 Watson Road, Acacia Ridge Qld 4110 being Lot 2 RP188298, Lot 4 RP 217765 and Lot 906 SL6911, County of Stanley and Parish of Yeerongpilly.

Notification

- (A7-1) The holder must give written notification to the Brisbane District Office of the administering authority specifying the location of the ERA within 24 hours of commencement of the ERA at a site.
- (A7-2) The holder must keep a logbook of the conduct of the ERA. That logbook must specify:
- (a) name of the client(s) engaging the ERA;
 - (b) name of the employee(s) carrying out the ERA;
 - (c) date(s) and time(s) the ERA was carried out;
 - (d) the site(s) where the ERA was carried out;
 - (e) summary of the works undertaken; and
 - (f) the date(s) of notification(s) to the Environmental Protection Agency District Office as required by condition (A7-1) hereof.

END OF CONDITIONS FOR SCHEDULE A

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Schedule B - Air

Dust nuisance

- (B1-1) The release of dust or other particulate matter resulting from the ERA must not cause an environmental nuisance at any sensitive place.
- (B1-2) For the purposes of condition (B1-1) and without limiting the applicability of other criteria relevant in particular circumstances, the ERA would cause environmental nuisance where dust or other particulate matter resulting from the ERA exceeds the following limits when measured at a relevant sensitive place:
- (a) dust deposition of 120 milligrams per square metre per day or 4 grams per square metre per month, when monitored in accordance with Australian Standard 3580.10.1 Methods for sampling and analysis of ambient air – Determination of particulates – Deposited matter – Gravimetric method ; or
 - (b) a concentration of suspended particulate matter with an aerodynamic diameter of less than 10 micrometres (μm) (PM10) of 150 micrograms per cubic metre over a 24 hour averaging time at a sensitive place downwind, when monitored in accordance with:
 - (i) Australian Standard AS 3580.9.6 Methods for sampling and analysis of ambient air – Determination of particulate matter – PM (sub) 10 high-volume sampler with size-selective inlet - Gravimetric method; or
 - (ii) any alternative method of monitoring PM10 which may be permitted by the 'Air Quality Sampling Manual' as published from time to time by the administering authority.
- (B1-3) Dust or other particulate monitoring must be undertaken as directed by the administering authority to investigate any complaint about dust nuisance being caused by the ERA, which complaint in the opinion of an authorised person is not frivolous, vexatious nor based on mistaken belief, and the results thereof notified to the administering authority within 14 days following completion of monitoring. For the purposes of this condition, dust monitoring must be carried out by a competent person at a site relevant to the potentially affected sensitive place and at upwind control site(s) and must include:
- (a) for a complaint alleging dust nuisance, dust deposition; and
 - (b) for a complaint alleging adverse health effects caused by dust, the concentration per cubic metre of suspended PM10 over a 24hr averaging time.
- (B1-4) If an authorised person's opinion is that monitoring results indicate environmental nuisance is being caused by dust or other particulate matter from the ERA, the holder must:
- (a) address the complaint including the use of appropriate dispute resolution if required; or
 - (b) immediately implement abatement measures so that emission of dust or other particulate matter from the ERA does not result in further environmental nuisance.

Dust Control - material transport

- (B2-1) Take reasonable and practicable measures necessary to prevent release of windblown dust from vehicles used for transporting materials to or from any ERA site. Reasonable and practicable measures may include but are not limited to:
- (a) wetting down the load prior to transport;
 - (b) having the entire load covered with a tarpaulin or similar material for the duration of transport; and
 - (c) clearing of spillages from side rails, tail gates and draw bars of vehicles prior to and after delivery.

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Schedule D - Noise and vibration

Noise nuisance

- (D1-1) Noise from the ERA must not cause an environmental nuisance at any sensitive place.
- (D1-2) Noise monitoring must be undertaken as directed by the administering authority to investigate any complaint about noise nuisance being caused by the ERA, which complaint in the opinion of an authorised person is not frivolous, vexatious nor based on mistaken belief, and the results thereof notified to the administering authority within 14 days following completion of monitoring. For the purposes of this condition, noise monitoring must be done by a competent person in accordance with the latest edition of the Environmental Protection Agency *Noise Measurement Manual* and include:
- (a) $L_{A, \max \text{ adj, T}}$;
 - (b) relevant background sound level;
 - (c) the level and frequency of occurrence of impulsive or tonal noise;
 - (d) atmospheric conditions including wind speed and direction; and
 - (e) location, date and time of measurements.
- (D1-3) For the purposes of condition (D1-1), the ERA will not cause environmental nuisance where noise from the ERA does not exceed the limits specified in Schedule D - Table 1.
- (D1-4) If an authorised person's opinion is that monitoring results indicate environmental nuisance is being caused by noise from the ERA, the holder must:
- (a) address the complaint including the use of appropriate dispute resolution if required; or
 - (b) immediately implement noise abatement measures so that emissions of noise from the ERA do not result in further environmental nuisance.

Schedule D - Table 1 (Noise limits) *

Noise level dB(A) measured as	Monday to Saturday			Sundays and public holidays		
	7am - 6pm	6pm - 10pm	10pm - 7am	9am - 6pm	6pm - 10pm	10pm - 9am
Noise measured at a 'Noise sensitive place'						
$L_{A, \max \text{ adj, T}}$	Background + 5 dB(A)	Background + 5 dB(A)	Background + 3 dB(A)	Background + 3 dB(A)	Background + 0 dB(A)	Background + 0 dB(A)
Noise measured at a 'Commercial place'						
$L_{A, \max \text{ adj, T}}$	Background + 10 dB(A)	Background + 10 dB(A)	Background + 5 dB(A)	Background + 5 dB(A)	Background + 3 dB(A)	Background + 3 dB(A)

Where "T" is 10 minutes and "Background" means background sound pressure level measured in accordance with the latest edition of the Environmental Protection Agency *Noise Measurement Manual*.

* Schedule D Table 1 does not purport to set operating hours for the ERA.

Hours of operation

- (D2-1) Notwithstanding any other condition of this authority, activities associated with the ERA that may cause environmental nuisance at any sensitive place must not be carried out:
- (a) before 7am and after 6pm Monday to Friday;
 - (b) before 7am and after 2pm Saturday;
 - (c) at any time on Sunday and public holidays.

END OF CONDITIONS FOR SCHEDULE D

18/11/04

Dust control - trafficable areas

- (B3-1) Trafficable areas of any ERA site must be maintained using reasonable and practicable measures necessary to minimise the release of wind blown or traffic generated dust to the atmosphere. Reasonable and practicable measures may include but are not limited to:
- (a) keeping surfaces clean;
 - (b) sealing with bitumen or other suitable material;
 - (c) using water sprays;
 - (d) installing an effective truck body and wheel wash facility; and
 - (e) using dust suppressants and wind breaks.

Conveyor belts and screening equipment

- (B4-1) Take reasonable and practicable measures necessary to minimise the release of dust to the atmosphere from crushing and screening equipment and material conveyor systems at any ERA site. Reasonable and practicable measures may include but are not limited to:
- (a) installation of windshields or barriers;
 - (b) water sprays; and
 - (c) keeping material moist.

Dust control – stockpiles

- (B2-9) Stockpiles at any ERA site must be maintained using reasonable and practicable measures necessary to minimise the release of wind blown dust to the atmosphere. Reasonable and practicable measures may include but are not limited to:
- (a) use of water sprays as required during winds likely to generate dust release;
 - (b) shielding and/or covering; and
 - (c) storage in enclosures.

END OF CONDITIONS FOR SCHEDULE B

Schedule C - Water

Erosion protection measures and sediment controls

- (C1-1) Effective erosion protection and sediment control measures must be implemented and maintained at any ERA site.
- (C1-2) At any ERA site prevent the release of sediment to waters or a build up of sediment in any stormwater drain.

Release to waters

- (C2-1) Hazardous contaminants must not be released from any ERA site to any waters or the bed and banks of any waters.

END OF CONDITIONS FOR SCHEDULE C



Schedule E - Waste

Waste handling

- (E1-1) Any regulated waste removed from any ERA site must be removed by a person who holds a current environmental authority to transport such waste under the provisions of the *Environmental Protection Act 1994*.
- (E1-2) Effective procedures must be implemented to ensure that wastes generated on any ERA site are minimised, recycled, stored, handled and transferred in a proper and efficient manner, and so that disposal of such waste is at a facility lawfully able to do so.
- (E1-3) The holder must not:
 - (a) burn waste on any ERA site;
 - (b) allow waste to be burned on any ERA the site; or
 - (c) remove waste from any ERA site for burning elsewhere.

END OF CONDITIONS FOR SCHEDULE E

Schedule F - Land

Land rehabilitation

- (F1-1) Any ERA site must be rehabilitated (including all disturbed areas such as stormwater or waste water collection pits, temporary roads and tracks and hardstand areas, stockpile and screening areas) in a manner such that:
 - (a) if practical, suitable native species of vegetation are planted and established;
 - (b) potential for erosion of the site is minimised;
 - (c) stormwater, water and seepage released from the site does not contain contaminants such as suspended solids, turbidity, total dissolved salts, pH, total iron, total aluminium and total manganese likely to cause environmental harm;
 - (d) the likelihood of environmental nuisance being caused by release of dust is minimised;
 - (e) the water quality of any residual water bodies meets relevant criteria for subsequent uses and does not have potential to cause environmental harm;
 - (f) the final landform is stable and not subject to slumping; and
 - (g) any actual and potential acid sulfate soils in or on the site are either not disturbed, or are submerged or treated so as to not be likely to cause environmental harm.

Preventing contaminant release to land

- (F2-1) Hazardous contaminants must not be released to land at any ERA site.
- (F2-2) Spillages of any chemicals or fuels at any ERA site must be contained and controlled in a manner that prevents environmental harm.
- (F2-3) Petroleum product storage facilities at any ERA site must be designed, constructed and maintained in accordance with AS 1940 - Storage and Handling of Flammable and Combustible Liquids.

END OF CONDITIONS FOR SCHEDULE F

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Schedule G - Community

Complaint response

- (G1-1) All complaints received must be recorded including investigations undertaken, conclusions formed and action taken. This information must be made available to the administering authority on request.

END OF CONDITIONS FOR SCHEDULE G

Schedule H - Definitions

Definitions

- (H1-1) Words and phrases used in this authority are defined in Schedule H – Definitions. Where a definition for a term used in this authority is sought and the term is not defined herein, the definitions in the Environmental Protection Act 1994, regulations made under that Act, Environmental Protection Policies as amended from time to time or ordinary meaning must be used.

"administering authority" means the Environmental Protection Agency or its successor.

"annual return" means the return required by the annual notice (under section 316 of the Environment Protection Act, 1994) for an authority.

"approval" means development permit or preliminary approval decision notice or referral agency response under the Integrated Planning Act 1997.

"authorised person" means a person holding office as an authorised person under an appointment under the *Environment Protection Act, 1994* by the chief executive.

"authorised place" means the place, land or premises authorised under this authority or approval for the carrying out of the specified environmentally relevant activities.

"authority" means level 1 licence, level 1 approval, level 2 approval, environmental authority (mining activities), constituent part of an integrated authority or registration certificate under the Environmental Protection Act 1994.

"commercial place" means a place used as an office or for business or commercial purposes other than such a place on the land the subject of this environmental authority.

"contaminant" under section 11 of the *Environmental Protection Act 1994* means:

- a gas, liquid or solid;
- an odour;
- an organism (whether alive or dead), including a virus;
- energy, including noise, heat, radioactivity and electromagnetic radiation; or
- a combination of contaminants.

"dwelling" means any of the following structures or vehicles that is principally used as a place for human habitation;

- a house, unit, motel, nursing home or other building or part of a building;
- a caravan, mobile home or other vehicle or structure on land; and
- a water craft in a marina.

"hazardous contaminant" under schedule 3 of the *Environmental Protection Act 1994* means a contaminant that, if improperly treated, stored, disposed of or otherwise managed, is likely to cause serious or material environmental harm because of:

- its quantity, concentration, acute or chronic toxic effects, carcinogenicity, teratogenicity, mutagenicity, corrosiveness, explosiveness, radioactivity, flammability; or
- its physical, chemical or infectious characteristics (eg. spills of mercury, cyanide, petrol, diesel or oil).

"holder" means the person to whom an approval or authority is issued to, or a person acting under an approval or authority.

"environmental harm" has the meaning given in the *Environmental Protection Act 1994*.

"intrusive noise" means noise that, because of its frequency, duration, level, tonal characteristics, impulsiveness or vibration -

- is clearly audible to, or can be felt by, an individual; and
- annoys the individual.

In determining whether a noise annoys an individual and is unreasonably intrusive, reference should be made to Australian Standard 1055.2 - 1997 Acoustics - Description and Measurement of Environmental Noise Part 2 - Application to Specific Situations.

" $L_{A, \max \text{ adj, T}}$ " means the average maximum A-weighted sound pressure level (adjusted for tonal character and impulsiveness of the sound) and measured over any 10 minute period, using Fast response.

"land" includes waters and the atmosphere.

"mg/L" means milligrams per litre.

"noise sensitive place" means -

- a dwelling, mobile home or caravan park, residential marina or other residential premises;
 - a motel, hotel or hostel;
 - a kindergarten, school, university or other educational institution;
 - a medical centre or hospital;
 - a protected area; and
 - a public park or gardens;
- and includes the curtilage of any such place.

"noxious" means harmful or injurious to health or physical well being.

"offensive" means causing offence or displeasure; is disagreeable to the sense; disgusting, nauseous or repulsive.

"protected area" means -

- a protected area under the Nature Conservation Act 1992;
- a marine park under the Marine Parks Act 1992; and
- a World Heritage Area.

"regulated waste" means non-domestic waste prescribed in Schedule 7 of the Environmental Protection Regulation 1998 (whether or not it has been treated or immobilised), and includes:

- for an element - any chemical compound containing the element; and
- anything that has contained the waste.

"rehabilitation" means the process of reshaping and revegetating land to restore it to a stable and in accordance with relevant acceptance criteria, and where relevant includes remediation of contaminated land.

"sensitive place" means;

- a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises excluding accommodation for persons engaged in the ERA the subject of this approval or authority;
- a motel, hotel or hostel;
- an educational institution;
- a medical centre or hospital;
- a public park or gardens;
- a protected area; and
- a commercial place;

and includes the curtilage of any such place.

"site" means the place or premises to which this authority or approval relates.

"stable" means geotechnical stability of a rehabilitated landform where instability caused by settlement and subsidence has ceased.

"µs/cm" means micro semen per centimetre.

"waters" includes any watercourse, lake, lagoon, pond, swamp, wetland, bed and bank of any waters, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off or groundwater.

END OF DEFINITIONS FOR SCHEDULE H

End of Licence Without Development Approval
END OF INTEGRATED AUTHORITY