Permit[1]

Environmental Protection Act 1994

Environmental authority

This environmental authority is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

Permit[1] number: EPPR01360213

Environmental authority takes effect 28 August 2013

The first annual fee is payable within 20 business days of the effective date.

The anniversary date of this environmental authority is the same day each year as the effective date. An annual return and the payment of the annual fee which is currently $4,857.60 will be due each year on this day.

Environmental authority holder(s)

Name	Registered address
D & D Quarries Pty Ltd	94 Mountain Creek Road BUDERIM QLD 4556

Environmentally relevant activity and location details

Environmentally relevant activity(ies)	Location(s)
16-(2a) Extractive >5000t but <100000t yr 16-(3a) Screening >5000t but <100000t yr	Ryalls Road Columboola - Lot 87 Plan BWR294

Additional information for applicants

Environmentally relevant activities

The description of any environmentally relevant activity (ERA) for which an environmental authority is issued is a restatement of the ERA as defined by legislation at the time the approval is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an environmental authority as to the scale, intensity or manner of carrying out an ERA, then the conditions prevail to the extent of the inconsistency.

An environmental authority authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the authority specifically authorises environmental harm.

A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

[1] Permit includes licences, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation

Queensland Government

Contaminated land

It is a requirement of the EP Act that if an owner or occupier of land becomes aware a notifiable activity (as defined in Schedule 3 and Schedule 4) is being carried out on the land, or that the land has been, or is being, contaminated by a hazardous contaminant, the owner or occupier must, within 22 business days after becoming so aware, give written notice to the chief executive.

Signature	Date
J.A.U.N.	28 - AUG - 2013

James Mackenzie
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

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Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443)

Conditions of environmental authority

Location: Ryalls Road Columboola - Lot 87 Plan BWR294

Relevant activity/ies:

16-(2a) Extractive >5000t but <100000t yr
16-(3a) Screening >5000t but <100000t yr

The environmentally relevant activity(ies) conducted at the location as described above must be conducted in accordance with the following site specific conditions of approval.

Agency interest: General	
G1	Activities conducted under this environmental authority must not be conducted contrary to following limitation: a) The activities associated with this approval are to be conducted within the areas identified on the site layout plan (Schedule 1 Figure 1).
G2	All reasonable and practicable **measures** must be taken to minimise the likelihood of environmental harm being caused.
G3	Any breach of a condition of this environmental authority must be reported to the **administering authority** within 24 hours of becoming aware of the breach and records must be kept including full details of the breach and any subsequent actions.
G4	All information and records that are required by the conditions of this environmental authority must be kept for a period of at least 5 years.
G5	All analysis and tests required under this approval must be carried out by a laboratory that has NATA certification for such analysis and tests.
G6	If **you** become aware of any adverse impact on an **environmental value you** must notify the **administering authority** in writing of the full details of the adverse impact within 24 hours of becoming aware of the impact.

G7	The activity must be undertaken in accordance with a written management plan that: a) identifies potential risks to the environment from the activity during routine operations and emergencies (including floods); b) establishes control measures that minimise the potential for environmental harm; c) ensures plant and equipment is maintained and operated in proper and effective condition; and d) ensures that staff are trained and aware of their obligations under the Environmental Protection Act 1994 and ensures that reviews of environmental performance are undertaken at least annually.
G8	The activity must not occur within 50 metres of any watercourse, wetland or spring.
G9	All chemicals and fuels in bulk or in containers of greater than 15 litres must be stored within a secondary containment system and releases controlled in a manner that prevents environmental harm.
Agency interest: Air	
A1	The activity must not cause environmental nuisance at a nuisance **sensitive place**.
A2	The activity must not cause the release of dust or particulates that causes environmental nuisance beyond the boundary of the site.
A3	Contaminants must not be released to air from any point source.
Agency interest: Water	
WT1	Contaminants must not be released from the site to **waters**.
WT2	Stormwater contaminated by the activity must be managed to minimise or prevent any adverse impacts on the values of the receiving environment.
WT3	Erosion and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment.
WT4	A sediment basin must be designed, constructed and operated to retain the stormwater runoff generated by a 24 hour storm event with an average recurrence interval of one in 10 years.
Agency interest: Noise	
N1.	Noise from the activity must not cause an environmental nuisance at any **sensitive place**.

N2. If the holder of this approval can provide evidence through monitoring that the limits defined in **Table 1**, are not being exceeded then the holder is not in breach of Condition N1.

Table 1: Noise Limits

Noise level dB(A) measured as	Monday to Sunday including public holidays		
	7am - 6pm	6pm - 10pm	10pm - 7am
	Noise measured at a sensitive place		
$LA_{eq,1\ hour}$	45	40	35

N3. When requested by the administering authority, noise monitoring must be undertaken to investigate any complaint of noise nuisance, and the results notified within 14 days to the administering authority. Monitoring must include:

a) LA eq, 1 hour;
b) the level and frequency of occurrence of impulsive or tonal noise;
c) atmospheric conditions including wind speed and direction;
d) effects due to extraneous factors such as traffic noise; and
e) location, date and time of recording.

N4. Blasting is not permitted as part of the activity to which this approval relates.

Agency interest: Land

L1 Contaminants must not be released to land.

L2 Upon completion of the operational work within each staged area, that staged area must be rehabilitated to achieve a safe, stable, non-polluting landform that is fit for the intended purpose.

L3 Acid sulphate soils and acid-producing rock must not be processed.

Agency interest: Waste

WS1 Waste must only be removed from site by a transporter lawfully able to transport it and taken only to a place lawfully able to receive it.

Definitions

Key terms and/or phrases used in this document are defined in this section and **bolded** throughout this document. Applicants should note that where a term is not defined, the definition in the *Environmental Protection Act 1994*, its regulations or environmental protection policies must be used. If a word remains undefined it has its ordinary meaning.

Activity means the environmentally relevant activities, whether resource activities or prescribed activities, to which the environmental authority relates.

Administering authority means the Department of Environment and Heritage Protection or its successor or predecessors.

Environmental nuisance (the Act) is unreasonable interference or likely interference with an **environmental value** caused by—

a) aerosols, fumes, light, noise, odour, particles or smoke; or
b) an unhealthy, offensive or unsightly condition because of contamination; or
c) another way prescribed by regulation.

Environmental value (the Act) is—

a) a quality or physical characteristic of the environment that is conducive to ecological health or public amenity or safety; or
b) another quality of the environment identified and declared to be an **environmental value** under an environmental protection policy or regulation.

$L_{Aeq\ adj,T}$ means the adjusted A weighted equivalent continuous sound pressure level **measures** on fast response, adjusted for tonality and impulsiveness, during the time period T, where T is measured for a period no less than 15 minutes when the **activity** is causing a steady state noise, and no shorter than 1 hour when the approved **activity** is causing an intermittent noise.

Measures has the broadest interpretation and includes plant, equipment, physical objects, monitoring, procedures, actions, directions and competency.

Sensitive place includes the following and includes a place within the curtilage of such a place reasonably used by persons at that place:

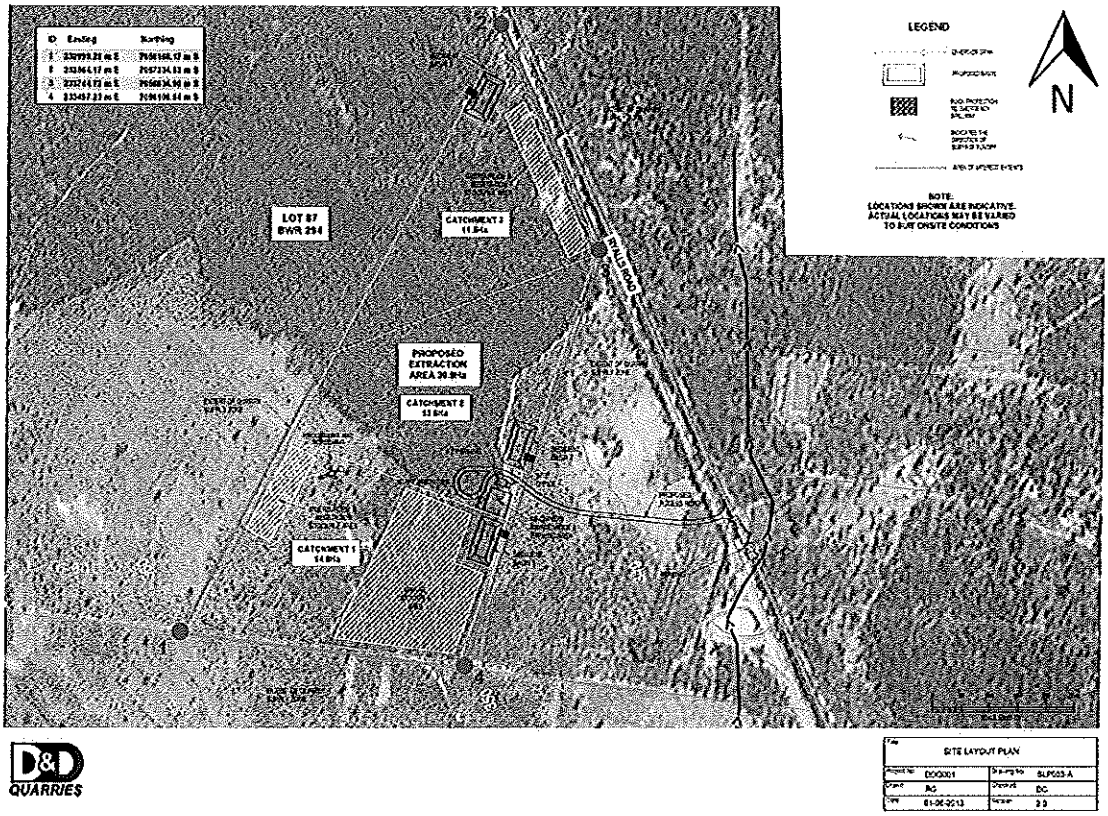
a) a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
b) a motel, hotel or hostel; or
c) a kindergarten, school, university or other educational institution; or
d) a medical centre or hospital; or
e) a protected area under the *Nature Conservation Act 1992*, the *Marine Parks Act 1992* or a World Heritage Area; or
f) a public thoroughfare, park or gardens; or
g) for noise, a place defined as a sensitive receptor for the purposes of the Environmental Protection (Noise) Policy 2008.

Waters includes river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water natural or artificial watercourse, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and groundwater and any part-thereof.

You means the holder of the environmental authority.

Schedule 1

Figure 1. Activities associated with this approval must be conducted within the areas identified on the site layout plan



END OF PERMIT