



Department of
**Environment and
Heritage Protection**

06-JUL-2016

To: Nambal Resources & Quarries Pty Ltd
PO Box 318
COOKTOWN QLD 4895

Email: ivan.deemal@live.com
Cc: david.rivett@environmentnorth.com.au

Your reference: EPPR03501015
Our reference: 382688

Application details

I refer to the amendment application that was received by the administering authority on 31-MAR-2016.

Land description: Jubilee Dick Pit, Lot 35 on Plan SP232620.

Decision

Your application has been approved and your environmental authority (reference EPPR03501015) is attached.

Should you have any further enquiries, please contact our office on telephone (07) 4699 4333.

Yours sincerely

Signature

06-JULY-2016

Date

Jessica Johnson
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

Enclosed

Permit - environmental authority (reference EPPR03501015)

Department of Environment and
Heritage Protection
Industry and Development Assessment
PO Box 731
TOOWOOMBA QLD 4350
Phone: (07) 4699 4333
Fax: (07) 4699 4388
Email: southwest.es@ehp.qld.gov.au
Website www.ehp.qld.gov.au
ABN 46 640 294 485

Department of Environment and Heritage Protection

Permit¹

Environmental Protection Act 1994

Environmental authority

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

Permit¹ number: EPPR03501015

Environmental authority takes effect on 6 July 2016.

The anniversary date of this environmental authority remains as 13 October. An annual return and the payment of the annual fee will be due each year on this day.

Environmental authority holder(s)

Name	Principle address
Nambal Resources & Quarries Pty Ltd	Proactive Accounting Solutions First Floor Cnr Sydney & Gordon Streets MACKAY QLD 4740

Environmentally relevant activity and location details

Environmentally relevant activities	Locations
16-(2a) Extractive 5000t to 100000t/yr 16-(3a) Screening 5000t to 100000t/yr	Jubilee Dick Pit - Lot 35 Plan SP232620
16-(2a) Extractive 5000t to 100000t/yr 16-(3a) Screening 5000t to 100000t/yr	Bull Crossing Pit - Lot 35 Plan SP232620
16-(2a) Extractive 5000t to 100000t/yr	Sand Ridge Pit - Lot 35 Plan SP232620

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.

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

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

Contaminated land

It is a requirement of the EP Act that an owner or occupier of land give written notice to the chief executive if they become aware of the following:

- a notifiable activity (as defined in Schedule 3) that is being, or has been, carried out on the land (notice must be given within 20 business days)
- an event involving a hazardous contaminant on the land, or a change in the condition of the contaminated land, that is causing, or is reasonably likely to cause, serious or material environmental harm (notice must be given within 24 hours).

For further information, including the form for giving written notice, refer to the Queensland Government website <http://www.qld.gov.au/> (using the search term 'managing contaminated land').



Signature



Date

Jessica Johnson
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Department of Environment and Heritage
Protection
GPO Box 2454
BRISBANE QLD 4001
Phone: 1300 130 372
Fax: 07 3330 6037
palm@ehp.qld.gov.au

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)

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

Agency interest: General	
Condition number	Condition
G1	Activity(ies) conducted under this environmental authority must be conducted in accordance with the following limitations: • Subject to any buffer distances specified, activities associated with this approval are to be conducted within the boundaries identified in Schedule 1, Figure 1 — indicated as the “Future Extraction Area” in: Nambal Resources Jubilee Dick Quarry Plan prepared by Environment North, Issue 1, 1/10/2015. • Subject to any buffer distances specified, activities associated with this approval are to be conducted within the boundaries identified in Schedule 1, Figure 2 - Bull Crossing Pit. • Subject to any buffer distances specified, activities associated with this approval are to be conducted within the boundaries identified in Schedule 1, Figure 3 - Sand Ridge Pit.
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 as soon as practicable, or at most, within 24 hours of you becoming aware of the breach. Records must be kept including full details of the breach and any subsequent actions undertaken.
G4	Other than as permitted by this environmental authority, the release of a contaminant into the environment must not occur.
G5	All information and records that are required by the conditions of this environmental authority must be kept for a minimum of five (5) years. Environmental monitoring results must be kept until surrender of this environmental authority. All information and records required by the conditions of this environmental authority must be provided to the administering authority upon request.

G6	An appropriately qualified person(s) must monitor, record and interpret all parameters that are required to be monitored by this environmental authority and in the manner specified by this environmental authority.
G7	When required by the administering authority , monitoring must be undertaken in the manner prescribed by the administering authority , to investigate a complaint that is not considered by the administering authority to be frivolous or vexatious, of environmental nuisance arising from the activity . The monitoring results must be provided to the administering authority upon request.
G8	The activity must be undertaken in accordance with written procedures that: • identify potential risks to the environment from the activity during routine operations, closure and an emergency • establish and maintain control measures that minimise the potential for environmental harm • ensure plant, equipment and measures are maintained in a proper and effective condition • ensure plant, equipment and measures are operated in a proper and effective manner • ensure that staff are trained and aware of their obligations under the <i>Environmental Protection Act 1994</i> • ensure that reviews of environmental performance are undertaken at least annually.
G9	A minimum buffer distance of 50m must be maintained between extraction areas and the high banks of any watercourse, lake or wetland.
G10	Storage of chemicals and fuels in bulk or in containers of greater than 15 litres must be within a secondary containment system and releases from the containment system controlled in a manner that prevents environmental harm.
Agency interest: Air	
Condition number	Condition
A1	Odours or airborne contaminants which are noxious or offensive or otherwise unreasonably disruptive to public amenity or safety must not cause nuisance to any sensitive place or commercial place .
Agency interest: Water	
Condition number	Condition
WT1	Contaminants must not be released to any 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	The stormwater runoff from disturbed areas, generated by (up to and including) a 24 hour storm event with an average recurrence interval of 1 in 5 years must be retained on site or managed to remove contaminants before release.
Agency interest: Noise	
Condition number	Condition
N1	Noise generated by the activity must not cause environmental nuisance to any sensitive place or commercial place .
N2	Blasting or the generation of substantial low frequency noise is not permitted.
Agency interest: Land	
Condition number	Condition
L1	Contaminants from the activity must not be released to land.
L2	Land that has been disturbed for activities conducted under this environmental authority must be rehabilitated in a manner such that: • suitable native species of vegetation for the location are established and sustained for earthen surfaces • potential for erosion is minimised • the quality of water, including seepage, released from the site does not cause environmental harm • potential for environmental nuisance caused by dust is minimised • the water quality of any residual water body does not have potential to cause environmental harm • the final landform is stable and protects public safety • the maintenance requirements for the land are no greater than for the land before it was disturbed.
L3	Acid sulphate soils, acid-producing rock and marine sediments must not be processed.
Agency interest: Waste	
Condition number	Condition
WS1	All waste generated in carrying out the activity must be reused, recycled or lawfully disposed of offsite.

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.

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.

Appropriately qualified person(s) means a person or persons who has professional qualifications, training, skills or experience relevant to the nominated subject matter and can give authoritative assessment, advice and analysis to performance relative to the subject matter using the relevant protocols, standards, methods or literature.

Blasting is the use of explosives to fracture:

- rock, coal and other minerals for later recovery; or
- structural components or other items to facilitate removal from a site or for reuse.

Commercial place means a place used as a workplace, an office or for business or commercial purposes and includes a place within the curtilage of such a place reasonably used by persons at that place.

Environmental nuisance as defined in Chapter 1 of the *Environmental Protection Act 1994*.

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

Noxious means harmful or injurious to health or physical well-being.

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

Release of a contaminant into the environment means to:

- deposit, discharge, emit or disturb the contaminant
- cause or allow the contaminant to be deposited, discharged, emitted or disturbed
- fail to prevent the contaminant from being deposited, discharged emitted or disturbed
- allow the contaminant to escape
- fail to prevent the contaminant from escaping.

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

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

Substantial low frequency noise means a noise emission that has an unbalanced frequency spectrum shown in a one-third octave band measurement, with a predominant component within the frequency range 10 to

200Hz. It includes any noise emission likely to cause an overall sound pressure level at a **sensitive place** exceeding 55dB(Z).

24 hour storm event with an average recurrence interval of 1 in 5 years means the maximum rainfall depth from a 24 hour duration precipitation event with an average recurrence interval of once in 5 years. *For example, an Intensity-Frequency-Duration table for a 24 hour duration event with an average recurrence interval of 1 in 5 years, identifies a rainfall intensity of 7.09mm/hour. The rainfall depth for this event is therefore 24 hour x 7.09mm/hour = 170.16mm.*

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 - Jubilee Dick Pit

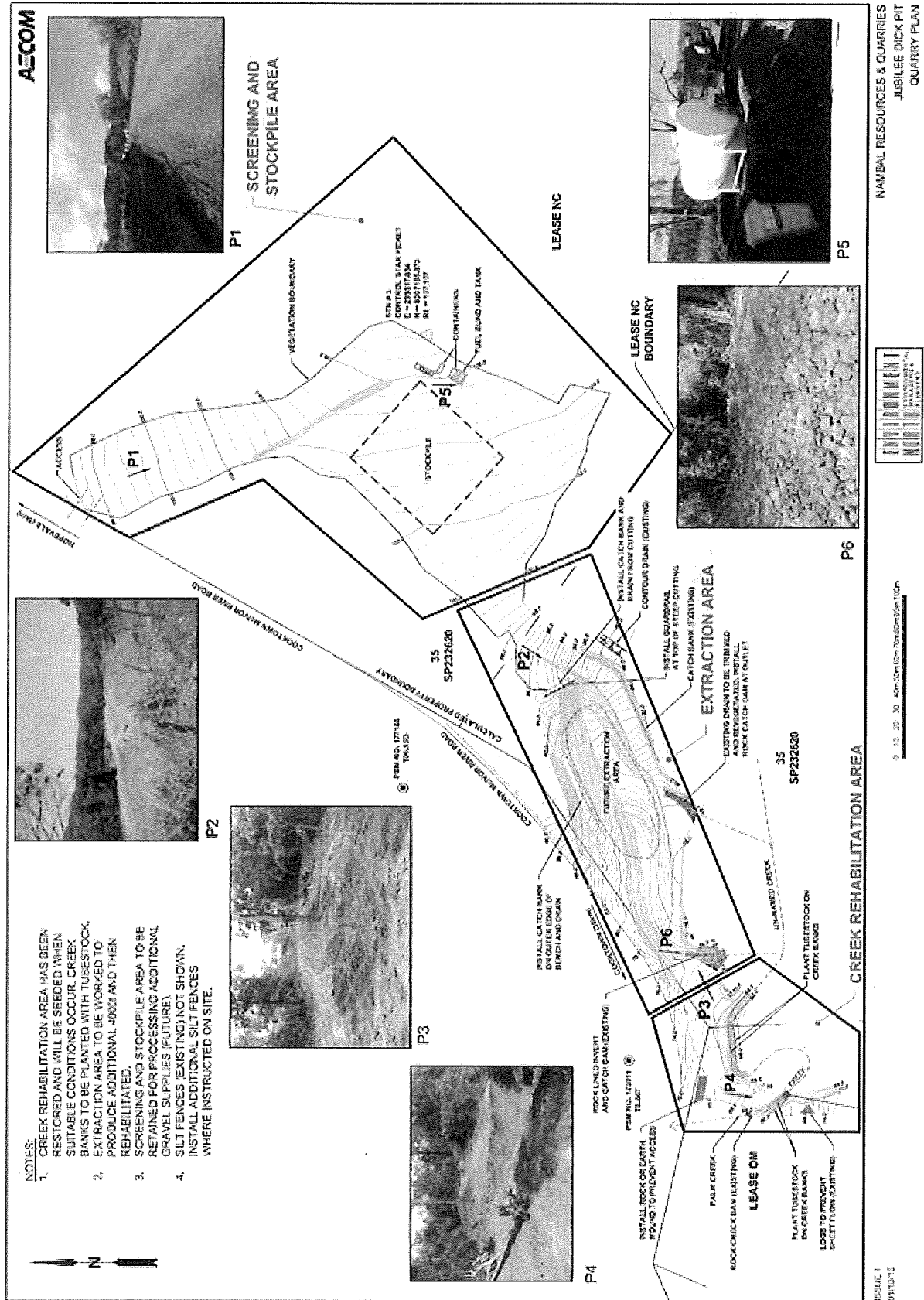


Figure 2 - Bull Crossing Pit



Figure 3 - Sand Ridge Pit



END OF PERMIT

