



Department of
**Environment and
Heritage Protection**

Client Ref EPPR02136914

20 November 2015

NCIS Pty Ltd
PO Box 377
BURPENGARY QLD 4505

Dear Sir/Madam,

Re: Notice of proposed action to suspend environmental authority EPPR02136914

Please find enclosed a notice of proposed action to suspend your environmental authority – EPPR02136914. The notice is issued because you have failed to pay your annual fees, despite the Department of Environment and Heritage Protection having contacted you on several occasions to advise you that your annual fees and annual return are outstanding and payment and submission is required.

You have 20 business days to:

1. pay the outstanding invoices; or
2. if you disagree with the proposed action you can make written representations to the department outlining why the proposed action should not be taken by the date specified in the notice.

If, after the notice due date, the department believes that grounds exist to take the proposed action, your environmental authority will be suspended until the outstanding fees are paid.

An environmental authority that has been suspended means that the operation of all activities approved under that environmental authority must cease. The unlawful operation of an environmental authority is a breach of the Act that may result in enforcement action, including prosecution.

You should be aware that any unpaid fees are a debt to the Queensland Government and may be recovered through legal proceedings.

Should you have any further enquiries, please contact the Environmental Regulatory Support Unit of the department by telephone on 1300 130 372 option 4, between the hours of 8:30am to 4:30pm from Monday to Friday.

Yours sincerely



Mark Franco
Principal Operations Officer
Regulatory Capability and Customer Service

Att: Notice of proposed action to suspend



Department of
**Environment and
Heritage Protection**

03-FEB-2015

To: NCIS Pty Ltd
PO Box 377
BURPENGARY QLD 4505

Email: ncis@outlook.com.au

Our reference: 410383

AMENDED DECISION NOTICE

Application details

I refer to the application that was received by the administering authority on 11-DEC-2014.

Land description: 26838 Carnarvon Highway, TINGUN 4455 Lot 3 Plan SP180959.

Decision

Your application has been approved and your environmental authority (reference EPPR02136914) is attached.

Additional comments or advice You are advised that if you are not the owner of the land to which the environmental authority relates, you have 10 business days from receipt of this environmental authority to give each owner of the land, written notice that you have been issued this environmental authority.

Should you have any further enquiries, please contact Shari Sievers on telephone 1300 130 372.

Yours sincerely

A handwritten signature in black ink, appearing to be 'RD. A', enclosed within a rectangular box.

Signature

03/02/2015

Date

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

Enclosed

Permit - environmental authority (reference EPPR02136914)

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: EPPR02136914

Environmental authority takes effect on 22-DEC-2014

The anniversary date of this environmental authority is the 22ND October. An annual return and the payment of the annual fee will be due each year on this day.

Environmental authority holder

Name	Registered address
NCIS Pty Ltd	9 Quaver Court BRIDGEMAN DOWNS QLD 4035

Environmentally relevant activity and location details

Environmentally relevant activity(ies)	Location(s)
16-(2b) Extractive >100000t but <1000000t yr 16-(3b) Screening >100000t but <1000000t yr	26838 Carnarvon Highway, TINGUN 4455 - Lot 3 Plan SP180959

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).

Contaminated land

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



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

03/02/2015

Date

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

Enquiries:

Shari Sievers
Permit and Licence Management
Department of Environment and Heritage
Protection
GPO Box 2454
BRISBANE QLD 4001
Phone: 1300 130 372
Fax: (07) 3330 5875
Email: 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)

Conditions of environmental authority

Location: 26838 Carnarvon Highway, TINGUN 4455 - Lot 3 Plan SP180959

Relevant activities:

16-(2b) Extractive >100000t but <1000000t yr

16-(3b) Screening >100000t but <1000000t 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	
Condition number	Condition
G1	Activities conducted under this environmental authority must not be conducted contrary to any of the following limitations Extraction Areas from the Sand Pit & Hard Rock Pit, and crushing on the hard stand location as shown in Attachment 1, "Site Plan", Drawing No. 3049-SP02 drafted by Wolter Consulting Group within Lot 3 on SP180959.
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	All analyses required under this environmental authority must be carried out by a laboratory that has NATA certification, or an equivalent certification, for such analyses.
G8	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.
G9	The activity must be undertaken in accordance with written procedures that: 1. identify potential risks to the environment from the activity during routine operations, closure and an emergency 2. establish and maintain control measures that minimise the potential for environmental harm 3. ensure plant, equipment and measures are maintained in a proper and effective condition 4. ensure plant, equipment and measures are operated in a proper and effective manner 5. ensure that staff are trained and aware of their obligations under the Environmental Protection Act 1994 6. ensure that reviews of environmental performance are undertaken at least annually.
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: Land	
Condition number	Condition
L1	Treatment and management of acid sulfate soils must comply with the current edition of the Queensland Acid Sulfate Soil Technical Manual.

L2	Land that has been disturbed for activities conducted under this environmental authority must be rehabilitated in a manner such that: 1. suitable native species of vegetation for the location are established and sustained for earthen surfaces 2. potential for erosion is minimised 3. the quality of water, including seepage, released from the site does not cause environmental harm 4. potential for environmental nuisance caused by dust is minimised 5. the water quality of any residual water body does not have potential to cause environmental harm 6. the final landform is stable and protects public safety.																					
L3	Rehabilitation of disturbed areas required under condition L2, must take place progressively as works are staged and new areas of extraction are commenced.																					
Agency interest: Noise																						
Condition number	Condition																					
N1	Noise from the activity must not exceed the levels identified in Table 1—Noise limits when measured in accordance with the associated monitoring requirements. Table 1 – Noise limits <table><tr><td>Noise level dB(A) measured as</td><td>7am–6pm</td><td>6pm–10pm</td><td>10pm–7am</td><td>7am–6pm</td><td>6pm–10pm</td><td>10pm–7am</td></tr><tr><td></td><td colspan="6">Noise measured at a 'Noise sensitive place'</td></tr><tr><td>LAeq ,1 hour (adj, T</td><td>45</td><td>35</td><td>30</td><td>45</td><td>35</td><td>30</td></tr></table> Associated monitoring requirements 1. All monitoring devices must be correctly calibrated and maintained. 2. Any monitoring must be in accordance with the most recent version of the administering authority's Noise Measurement Manual. 3. Any monitoring of noise emissions from the activity must be undertaken when the activity is in operation.	Noise level dB(A) measured as	7am–6pm	6pm–10pm	10pm–7am	7am–6pm	6pm–10pm	10pm–7am		Noise measured at a 'Noise sensitive place'						LAeq ,1 hour (adj, T	45	35	30	45	35	30
Noise level dB(A) measured as	7am–6pm	6pm–10pm	10pm–7am	7am–6pm	6pm–10pm	10pm–7am																
	Noise measured at a 'Noise sensitive place'																					
LAeq ,1 hour (adj, T	45	35	30	45	35	30																
N2	When required by the administering authority, noise monitoring must be undertaken in accordance with the associated monitoring requirements of Table 1—Noise Limits, and the results notified within 14 days to the administering authority. Monitoring must include: 1. LAeq, adj, T 2. Background noise (Background) as LA 90, adj, T 3. MaxLpA,T 4. the level and frequency of occurrence of any impulsive or tonal noise 5. atmospheric conditions including wind speed and direction 6. effects due to extraneous factors such as traffic noise 7. location, date and time of recording.																					
N3	Blasting or the generation of substantial low frequency noise is not permitted.																					

Agency interest: Waste	
Condition number	Condition
W1	All waste generated in carrying out the activity must be reused, recycled or removed to a facility that can lawfully accept the waste.
Agency interest: Water	
Condition number	Condition
WT1	Contaminants, other than settled/treated stormwater runoff must not be released from the site to surface waters or the bed or banks of surface waters.
WT2	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.
WT3	Buffer Distance to Watercourse A minimum buffer distance of 100m must be maintained between the boundary of the activity, all infrastructure associated with the activity and the high banks of any watercourse, lake or wetland.

Definitions

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.

Airblast overpressure is the energy transmitted from the blast site within the atmosphere in the form of pressure waves. As these waves pass a given position, the pressure of the air rises very rapidly then falls more slowly then returns to the ambient value after a number of oscillations. The pressure wave consists of both audible (noise) and inaudible (concussion) energy. The maximum excess pressure in this wave is known as the peak air overpressure, generally measured in decibels using the linear frequency-weighting.

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.

Background means noise, measured in the absence of the noise under investigation, as L A90,T being the A-weighted sound pressure level exceeded for 90 per cent of the time period of not less than 15 minutes, using Fast response.

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.

Dredging includes extraction of mud, sand, coral, ballast, shingle, gravel, clay, earth and other material from the bed of Queensland tidal and non-tidal waters. Dredging does not include the banks of a waterway.

LAeq 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 one hour when the approved activity is causing an intermittent noise.

MaxLpA,T means the maximum A-weighted sound pressure level measured over a time period T of not less than 15 minutes, using Fast response.

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

NATA means National Association of Testing Authorities.

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.

Prescribed contaminants means contaminants listed within Schedule 9 of the Environmental Protection Regulation 2008.

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.

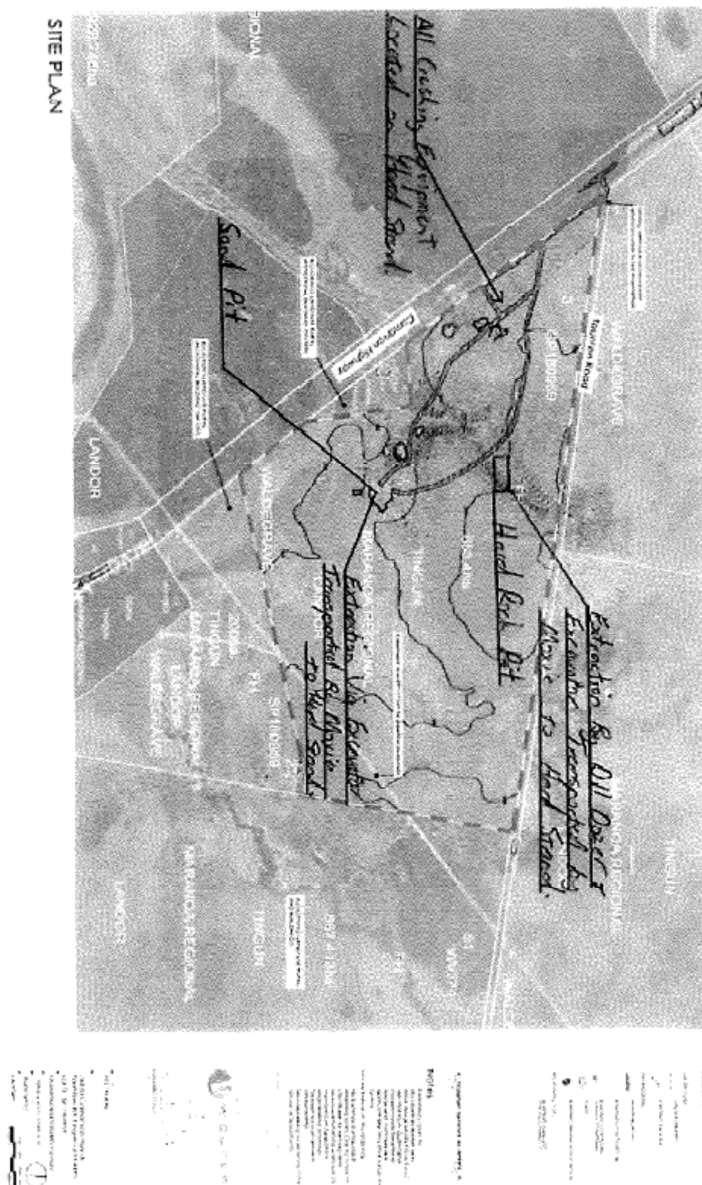
Vibration is the oscillating or periodic motion of a particle, group of particles, or solid object about its equilibrium position.

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.

END OF CONDITIONS

Schedule 1—Approved plans - Attachment 1 (Extraction, Processing & Hardstand Area)





Department of
**Environment and
Heritage Protection**

03-FEB-2015

To: NCIS Pty Ltd
PO Box 377
BURPENGARY QLD 4505

Email: ncis@outlook.com.au

Our reference: 410383

Application details

I refer to the application that was received by the administering authority on 11-DEC-2014.

Land description: 26838 Carnarvon Highway, TINGUN 4455 Lot 3 Plan SP180959.

Decision

Your application has been approved and your environmental authority (reference EPPR02136914) is attached.

Additional comments or advice

You are advised that if you are not the owner of the land to which the environmental authority relates, you have 10 business days from receipt of this environmental authority to give each owner of the land, written notice that you have been issued this environmental authority.

Should you have any further enquiries, please contact Shari Sievers on telephone 1300 130 372.

Yours sincerely

A handwritten signature in black ink, appearing to read "Brack", is centered within a rectangular box.

Signature

22/12/2014

Date

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

Enclosed

Permit - environmental authority (reference EPPR02136914)

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: EPPR02136914

Environmental authority takes effect upon granting of the development approval

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 will be due each year on this day.

Environmental authority holder(s)

Name	Registered address
NCIS Pty Ltd	9 Quaver Court BRIDGEMAN DOWNS QLD 4035

Environmentally relevant activity and location details

Environmentally relevant activity(ies)	Location(s)
16-(2b) Extractive >100000t but <1000000t yr 16-(3b) Screening >100000t but <1000000t yr	26838 Carnarvon Highway, TINGUN 4455 - Lot 3 Plan SP180959

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).

Contaminated land

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



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

22/12/2014

Date

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

Enquiries:
Shari Sievers
Permit and Licence Management
Department of Environment and Heritage
Protection
GPO Box 2454
BRISBANE QLD 4001
Phone: 1300 130 372
Fax: (07) 3330 5875
Email: 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)

Conditions of environmental authority

Location: 26838 Carnarvon Highway, TINGUN 4455 - Lot 3 Plan SP180959

Relevant activity/ies:

16-(2b) Extractive >100000t but <1000000t yr

16-(3b) Screening >100000t but <1000000t 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	
Condition number	Condition
G1	Activities conducted under this environmental authority must not be conducted contrary to any of the following limitations • Extraction Areas from the Sand Pit & Hard Rock Pit, and crushing on the hard stand location as shown in Attachment 1, "Site Plan", Drawing No. 3049-SP02 drafted by Wolter Consulting Group within Lot 3 on SP180959.
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	All analyses required under this environmental authority must be carried out by a laboratory that has NATA certification, or an equivalent certification, for such analyses.
G8	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.
G9	The activity must be undertaken in accordance with written procedures that: 1. identify potential risks to the environment from the activity during routine operations, closure and an emergency 2. establish and maintain control measures that minimise the potential for environmental harm 3. ensure plant, equipment and measures are maintained in a proper and effective condition 4. ensure plant, equipment and measures are operated in a proper and effective manner 5. ensure that staff are trained and aware of their obligations under the Environmental Protection Act 1994 6. ensure that reviews of environmental performance are undertaken at least annually.
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: Land	
Condition number	Condition
L1	Treatment and management of acid sulfate soils must comply with the current edition of the Queensland Acid Sulfate Soil Technical Manual.

L2	Land that has been disturbed for activities conducted under this environmental authority must be rehabilitated in a manner such that: 1. suitable native species of vegetation for the location are established and sustained for earthen surfaces 2. potential for erosion is minimised 3. the quality of water, including seepage, released from the site does not cause environmental harm 4. potential for environmental nuisance caused by dust is minimised 5. the water quality of any residual water body does not have potential to cause environmental harm 6. the final landform is stable and protects public safety.																					
L3	Rehabilitation of disturbed areas required under condition L2, must take place progressively as works are staged and new areas of extraction are commenced.																					
Agency interest: Noise																						
Condition number	Condition																					
N1	Noise from the activity must not exceed the levels identified in Table 1—Noise limits when measured in accordance with the associated monitoring requirements. Table 1 – Noise limits <table><tr><td>Noise level dB(A) measured as</td><td>7am–6pm</td><td>6pm–10pm</td><td>10pm–7am</td><td>7am–6pm</td><td>6pm–10pm</td><td>10pm–7am</td></tr><tr><td></td><td colspan="6">Noise measured at a 'Noise sensitive place'</td></tr><tr><td>L_{Aeq} ,1 hour (adj, T</td><td>45</td><td>35</td><td>30</td><td>45</td><td>35</td><td>30</td></tr></table> Associated monitoring requirements 1. All monitoring devices must be correctly calibrated and maintained. 2. Any monitoring must be in accordance with the most recent version of the administering authority's Noise Measurement Manual. 3. Any monitoring of noise emissions from the activity must be undertaken when the activity is in operation.	Noise level dB(A) measured as	7am–6pm	6pm–10pm	10pm–7am	7am–6pm	6pm–10pm	10pm–7am		Noise measured at a 'Noise sensitive place'						L _{Aeq} ,1 hour (adj, T	45	35	30	45	35	30
Noise level dB(A) measured as	7am–6pm	6pm–10pm	10pm–7am	7am–6pm	6pm–10pm	10pm–7am																
	Noise measured at a 'Noise sensitive place'																					
L _{Aeq} ,1 hour (adj, T	45	35	30	45	35	30																
N2	When required by the administering authority, noise monitoring must be undertaken in accordance with the associated monitoring requirements of Table 1—Noise Limits, and the results notified within 14 days to the administering authority. Monitoring must include: 1. L_{Aeq}, adj, T 2. Background noise (Background) as LA 90, adj, T 3. MaxL_{pA},T 4. the level and frequency of occurrence of any impulsive or tonal noise 5. atmospheric conditions including wind speed and direction 6. effects due to extraneous factors such as traffic noise 7. location, date and time of recording.																					
N3	Blasting or the generation of substantial low frequency noise is not permitted.																					

Agency interest: Waste	
Condition number	Condition
W1	All waste generated in carrying out the activity must be reused, recycled or removed to a facility that can lawfully accept the waste.
Agency interest: Water	
Condition number	Condition
WT1	Contaminants, other than settled/treated stormwater runoff must not be released from the site to surface waters or the bed or banks of surface waters.
WT2	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.
WT3	Buffer Distance to Watercourse A minimum buffer distance of 100m must be maintained between the boundary of the activity, all infrastructure associated with the activity and the high banks of any watercourse, lake or wetland.

Definitions

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.

Airblast overpressure is the energy transmitted from the blast site within the atmosphere in the form of pressure waves. As these waves pass a given position, the pressure of the air rises very rapidly then falls more slowly then returns to the ambient value after a number of oscillations. The pressure wave consists of both audible (noise) and inaudible (concussion) energy. The maximum excess pressure in this wave is known as the peak air overpressure, generally measured in decibels using the linear frequency-weighting.

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.

Background means noise, measured in the absence of the noise under investigation, as L A90,T being the A-weighted sound pressure level exceeded for 90 per cent of the time period of not less than 15 minutes, using Fast response.

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.

Dredging includes extraction of mud, sand, coral, ballast, shingle, gravel, clay, earth and other material from the bed of Queensland tidal and non-tidal waters. Dredging does not include the banks of a waterway.

LAeq 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 one hour when the approved activity is causing an intermittent noise.

MaxLpA,T means the maximum A-weighted sound pressure level measured over a time period T of not less than 15 minutes, using Fast response.

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

NATA means National Association of Testing Authorities.

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.

Prescribed contaminants means contaminants listed within Schedule 9 of the Environmental Protection Regulation 2008.

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.

Vibration is the oscillating or periodic motion of a particle, group of particles, or solid object about its equilibrium position.

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.

END OF CONDITIONS

Environmental authority

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

Permit¹ number: EPPR02136914

Environmental authority takes effect upon granting of the development approval.

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 take effect date. An annual return and the payment of the annual fee will be due each year on this day.

Environmental authority holder(s)

Name	Registered address
Queensland Quarry Group Pty Ltd	Suite 70, Level 12 269 Wickham Street FORTITUDE VALLEY QLD 4006

Environmentally relevant activity and location details

Environmentally relevant activity(ies)	Location(s)
16-(2b) Extractive >100,000t but <1000000t yr 16-(3b) Screening >100,000t but <1000000t yr	26838 Carnarvon Highway, TINGUN 4455 - Lot 3 Plan SP180959

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.

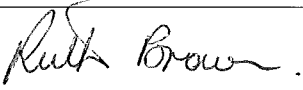
An environmental authority authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the authority specifically authorises environmental harm.

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

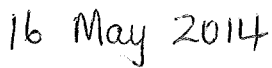
Contaminated land

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

Ruth Brown
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994



Date

Enquiries:
Shari Griinke
ES - Reg Serv - Western - Twba - EPA
PO Box 731
TOOWOOMBA QLD 4350
Phone: (07) 46994333
Fax: (07) 46994399
Email: southwest.es@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)

Conditions of environmental authority

Location: 26838 Carnarvon Highway, TINGUN 4455 - Lot 3 Plan SP180959

Relevant activity/ies:

16-(2b) Extractive >100,000t but <1000000t yr

16-(3b) Screening >100,000t but <1000000t 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	
Condition number	Condition
G1	Activities conducted under this environmental authority must not be conducted contrary to any of the following limitations • Extraction Areas from the Sand Pit & Hard Rock Pit, and crushing on the hard stand location as shown in Attachment 1, "Site Plan", Drawing No. 3049-SP02 drafted by Wolter Consulting Group within Lot 3 on SP180959.
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	All analyses required under this environmental authority must be carried out by a laboratory that has NATA certification, or an equivalent certification, for such analyses.
G8	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.
G9	The activity must be undertaken in accordance with written procedures that: 1. identify potential risks to the environment from the activity during routine operations, closure and an emergency 2. establish and maintain control measures that minimise the potential for environmental harm 3. ensure plant, equipment and measures are maintained in a proper and effective condition 4. ensure plant, equipment and measures are operated in a proper and effective manner 5. ensure that staff are trained and aware of their obligations under the Environmental Protection Act 1994 6. ensure that reviews of environmental performance are undertaken at least annually.

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: Land

Condition number	Condition
L1	Treatment and management of acid sulfate soils must comply with the current edition of the Queensland Acid Sulfate Soil Technical Manual.

L2	Land that has been disturbed for activities conducted under this environmental authority must be rehabilitated in a manner such that: 1. suitable native species of vegetation for the location are established and sustained for earthen surfaces 2. potential for erosion is minimised 3. the quality of water, including seepage, released from the site does not cause environmental harm 4. potential for environmental nuisance caused by dust is minimised 5. the water quality of any residual water body does not have potential to cause environmental harm 6. the final landform is stable and protects public safety.																					
L3	Rehabilitation of disturbed areas required under condition L2, must take place progressively as works are staged and new areas of extraction are commenced.																					
Agency interest: Noise																						
Condition number	Condition																					
N1	Noise from the activity must not exceed the levels identified in Table 1—Noise limits when measured in accordance with the associated monitoring requirements. Table 1 – Noise limits <table><tr><td>Noise level dB(A) measured as</td><td>7am–6pm</td><td>6pm–10pm</td><td>10pm–7am</td><td>7am–6pm</td><td>6pm–10pm</td><td>10pm–7am</td></tr><tr><td></td><td colspan="6">Noise measured at a 'Noise sensitive place"</td></tr><tr><td>L_{Aeq} , 1 hour (adj, T</td><td>45</td><td>35</td><td>30</td><td>45</td><td>35</td><td>30</td></tr></table> Associated monitoring requirements 1. All monitoring devices must be correctly calibrated and maintained. 2. Any monitoring must be in accordance with the most recent version of the administering authority's Noise Measurement Manual. 3. Any monitoring of noise emissions from the activity must be undertaken when the activity is in operation.	Noise level dB(A) measured as	7am–6pm	6pm–10pm	10pm–7am	7am–6pm	6pm–10pm	10pm–7am		Noise measured at a 'Noise sensitive place"						L _{Aeq} , 1 hour (adj, T	45	35	30	45	35	30
Noise level dB(A) measured as	7am–6pm	6pm–10pm	10pm–7am	7am–6pm	6pm–10pm	10pm–7am																
	Noise measured at a 'Noise sensitive place"																					
L _{Aeq} , 1 hour (adj, T	45	35	30	45	35	30																
N2	When required by the administering authority, noise monitoring must be undertaken in accordance with the associated monitoring requirements of Table 1—Noise Limits, and the results notified within 14 days to the administering authority. Monitoring must include: 1. L_{Aeq}, adj, T 2. Background noise (Background) as LA 90, adj, T 3. MaxL_{pA},T 4. the level and frequency of occurrence of any impulsive or tonal noise 5. atmospheric conditions including wind speed and direction 6. effects due to extraneous factors such as traffic noise 7. location, date and time of recording.																					
N3	Blasting or the generation of substantial low frequency noise is not permitted.																					

Agency interest: Waste	
Condition number	Condition
W1	All waste generated in carrying out the activity must be reused, recycled or removed to a facility that can lawfully accept the waste.
Agency interest: Water	
Condition number	Condition
WT1	Contaminants, other than settled/treated stormwater runoff must not be released from the site to surface waters or the bed or banks of surface waters.
WT2	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.
WT3	Buffer Distance to Watercourse A minimum buffer distance of 100m must be maintained between the boundary of the activity, all infrastructure associated with the activity and the high banks of any watercourse, lake or wetland.

Definitions

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.

Airblast overpressure is the energy transmitted from the blast site within the atmosphere in the form of pressure waves. As these waves pass a given position, the pressure of the air rises very rapidly then falls more slowly then returns to the ambient value after a number of oscillations. The pressure wave consists of both audible (noise) and inaudible (concussion) energy. The maximum excess pressure in this wave is known as the peak air overpressure, generally measured in decibels using the linear frequency-weighting.

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.

Background means noise, measured in the absence of the noise under investigation, as L A90,T being the A-weighted sound pressure level exceeded for 90 per cent of the time period of not less than 15 minutes, using Fast response.

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.

Dredging includes extraction of mud, sand, coral, ballast, shingle, gravel, clay, earth and other material from the bed of Queensland tidal and non-tidal waters. Dredging does not include the banks of a waterway.

LAeq 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 not less than 15 minutes when the activity is causing a steady state noise, and no shorter than one hour when the approved activity is causing an intermittent noise.

MaxLpA,T means the maximum A-weighted sound pressure level measured over a time period T of not less than 15 minutes, using Fast response.

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

NATA means National Association of Testing Authorities.

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.

Prescribed contaminants means contaminants listed within Schedule 9 of the Environmental Protection Regulation 2008.

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.

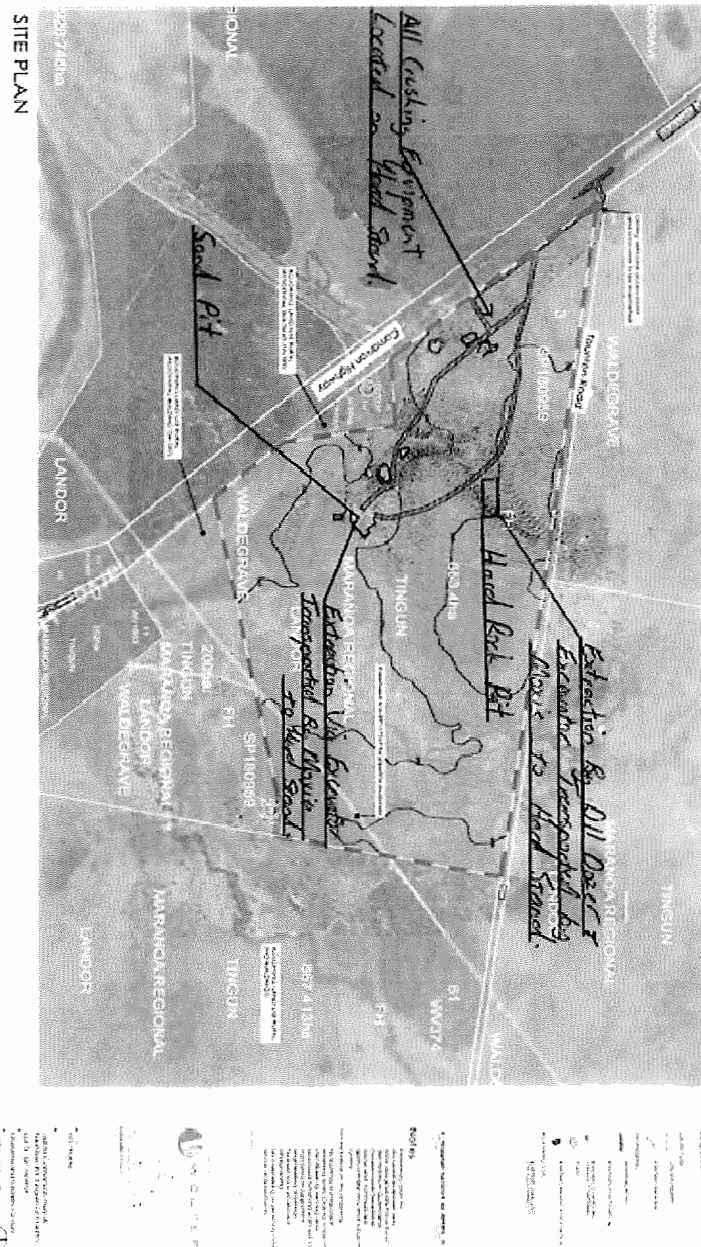
Vibration is the oscillating or periodic motion of a particle, group of particles, or solid object about its equilibrium position.

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.

END OF CONDITIONS

Schedule 1—Approved plans - Attachment 1 (Extraction, Processing & Hardstand Area)





Department of
**Environment and
Heritage Protection**

10-APR-2015

To: Mr Allan Cosgrove
PO Box 215
ROMA QLD 4455

Attention: Mr Allan Cosgrove

Our reference: 410383

Application details

I refer to the application that was received by the administering authority on 09-APR-2015.

Land description: 26838 Carnarvon Highway, TINGUN 4455 Lot 3 Plan SP180959.

Decision

Your application has been approved and your environmental authority (reference EPSX03089215) is attached.

Should you have any further enquiries, please contact Margaret Jones on telephone 1300 130 372 (option 4).

Yours sincerely

A handwritten signature in black ink, appearing to read 'J Brackenbury', enclosed within a rectangular box.

Signature

10-April-2015

Date

Jodie Brackenbury
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

Margaret Jones
Permit and Licence Management
Department of Environment and
Heritage Protection
GPO Box 2454
BRISBANE QLD 4001
Phone: 1300 130 372
Fax: (07) 3330 5875
Email: palm@ehp.qld.gov.au
Website www.ehp.qld.gov.au
ABN 46 640 294 485

Enclosed

Permit - environmental authority (reference EPSX03089215)

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: EPSX03089215

Environmental authority takes effect on 10-APR-2015.

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 will be due each year on this day.

Environmental authority holder

Name	Registered address
Mr Allan Cosgrove	576 The Range Rd ROMA QLD 4455

Environmentally relevant activity and location details

Environmentally relevant activity	Location
16-(2a) Extractive >5000t but <100000t yr 16-(3a) Screening >5000t but <100000t yr	26838 Carnarvon Highway, TINGUN 4455 - Lot 3 Plan SP180959

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).

Contaminated land

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



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

Jodie Brackenbury
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

10-April-2015

Date

Enquiries:
Margaret Jones
Permit and Licence Management
Department of Environment and Heritage
Protection
GPO Box 2454
BRISBANE QLD 4001
Phone: 1300 130 372
Fax: (07) 3330 5875
Email: 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)

Conditions of environmental authority

The conditions of approval for this environmental authority are standard conditions contained within the attached document(s) entitled:

- Eligibility criteria and standard conditions for extracting material (ERA 16)
- Eligibility criteria and standard conditions for screening (5000 tonnes to 100,000 tonnes of material in a year) (ERA 16)

All reasonable steps must be taken to ensure the activity complies with the eligibility criteria.

END OF PERMIT