

Application assessment check list

Environmental Officer to complete this page

Approval or Permit Type: <u>Partial transfer</u>	Assessing Officer Name: <u>Diana Gutierrez</u>
Project Reference Number: <u>225233 / 422314</u>	File Number: eDocs <u>101/0017985 Linthwaite</u>
Permit No./Nos: <u>EPPR00556813</u> <u>EPPR02588314</u>	<u>101/0013490 Holcim</u> <u>DUE 13th April</u>

Actions check list	Yes	No
Lodge financial assurance?		✓
Lot and plan amendments required?		✓
Existing EA to be "superseded"? (e.g. same holder, activities and site)		✓
Change to Assessment Level Decision (ALD) (if Yes, Environmental Support Officer to contact PALM)		✓
Change to AES score (if Yes, environmental officer to contact PALM)	✗	✓
Take effect date of permit checked? (e.g. DA or Event Pending, effective immediately)	✓	

Conditions reporting for all EAs	Number	Number
Number of model or library conditions for EA?	<u>N/A</u>	Number of non-model or non-library conditions for EA?
		<u>N/A</u>
+ for amended or amalgamated EAs where there is a change in number of conditions.		
Number of conditions for EA before change?	<u>N/A</u>	Number of conditions for EA after change? (Total of model + non-model)
		<u>N/A</u>

Assessment Process Time Recording				
Use for all applications – excluding DA/EA applications		Approval hours for DA/EA applications.		
	hrs		DA hours	EA hours
Project Manager		Project Manager		
Team Leader	hrs <u>3</u>	Team Leader		
Manager	hrs	Manager		
Administration officer/Other	hrs <u>10</u>	Administration officer/Other		
Total	hrs <u>13</u>	Total		

Correspondence	Yes	No
Client/Applicant/SARA advised by email <u>2 EA's</u>		
If not, advise method used. <u>Mail</u>		
Document/s sent (Please circle) <u>Letter</u> Notice, <u>Permit</u> , Info Sheet, Technical advice, Other		
CC - Client/Applicant advised by email		
If not, advise method used.		
Document/s sent: (Please circle) Letter, Notice, Permit, Info Sheet, Technical advice, Other		

Assessment Decision	
(Please circle) <u>Approve</u>	(Please circle) Not approved
Delegate's signature _____	Date decided <u>13/4/2016</u>

Administration Officer to complete this page

Update Ecotrack/Connect system	
Time frames updated	✓✓
Take effect date of permit checked? (e.g. DA or Event Pending, effective immediately)	✓✓
Office Responsible (Permit screen reflects relevant compliance office)/(Application screen reflects relevant assessment office)	✓✓
Documentation attached to system (integrated documents)	✓
All Amendments (Anniversary date of permit reflects annual return date)	✓✓
Financial assurance recorded (if applicable)	—
Surrenders (update the timeframe screen to 40 business days)	—
Suspensions by application, (Ecotrack updated, email sent to PALM and local compliance office with details and resumption date.)	—
Amalgamations (Supersede previous versions of the permits)	—
Check hard copy - Ecotrack	✓✓
Final checks	
Internal tracking spreadsheets (update and record conditions and assessment time hrs)	✓
EAs with waste vehicles (notify Waste.Track@ehp.qld.gov.au when surrendering, cancelling or suspending)	—
Advise compliance office/s (of client details, eDocs file location and FA if applicable) Note: For amalgamations, may affect more than one compliance office)	mckay
Permit, Notice etc.in paper file	—
Scan and save Permit, Notice etc. to eDocs	—
Scan and save checklist and assessment report to eDocs	—
Public Register copy and electronic copy saved to Public Register if a local permit	—
Registered Post record: Attach Sticker _____ or record item in online register.	
Date Posted/mailed: ____/____/____ Holcim (TR)	
Additional request/s as below: (Both) Resources Change in Ecotrack ; Location Alligator Creek, Bruce Highway, Lot 105 /CI4435: ERA 16(24) Extractive >5000 t but <100000 t yr, for ERA 16(1b) Dredging >10000 t but <100000 t yr. AES will change from 22 to 25, No concurrence to concurrence. EA already includes 16(1b) at Pioneer River	FF
Other information: add both permits to Data Cleansing Library	
Update Data Cleansing sharepoint	✓✓

Administration officer	
Completed by _____	Date ____/____/____



Department of
**Environment and
Heritage Protection**

13-APR-2016

To: Holcim (Australia) Pty Ltd
Attn: Environmental Coordinator
PO BOX 1143
MILTON QLD 4064

Email: [Section.78B\(2\)@holcim.com](mailto:Section.78B(2)@holcim.com)

Your reference: EPPR00556813
Our reference: 225233

Application details

I refer to the partial transfer application that was received by the administering authority on 29-MARCH-2016 to transfer Bailies Quarry (previously known as Oonooie Quarry on Lot 11 on Plan RP748341) to Linthwaite Earthmoving Pty Ltd.

Land description: Baillie's quarry, SARINA QLD Lot 11. Plan RP748341

Decision

Your application has been approved and your environmental authority (reference EPPR00556813) is attached.

Additional comments or advice

This permit only provides an approval under the *Environmental Protection Act 1994*. In order to lawfully operate you may also require permits / approvals from your local government authority and other State Government agencies prior to commencing any activity at the site. For example, this may include permits / approvals with your local Council (for planning approval), the Department of Transport and Main Roads (to access state controlled roads), the Department of Natural Resources and Mines (to clear vegetation), and the Department of Agriculture Forestry and Fisheries (to clear marine plants or to obtain a quarry material allocation).

If you are operating a quarry, other than a sand and gravel quarry where there is no crushing capability, you will be required to comply with the *Mining and Quarrying Safety and Health Act 1999*. For more information on your obligations under this legislation contact Mine Safety and Health at www.dnrm.qld.gov.au, or phone 13 QGOV (13 74 68) or your local Mines Inspectorate Office.

Should you have any further enquiries, please contact Diana Gutierrez on telephone (07) 4699 4374.

Yours sincerely

Peta Louise Sutton
ES - Reg Serv - Western - Twba - EPA
PO Box 731
TOOWOOMBA QLD 4350
Phone: (07) 4699 4333
Fax: (07) 4699 4388
Email: peta.sutton@ehp.qld.gov.au
Website www.ehp.qld.gov.au
ABN 46 640 294 485

	<div style="border: 1px solid green; height: 40px; width: 100%;"></div>	13/4/2016
	<div style="border: 1px solid green; height: 15px; width: 100%;"></div>	
	Signature	Date

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

Enclosed

Permit - environmental authority (reference EPPR00556813)

Environmental authority – EPPR00556813

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

Permit¹ number: EPPR00556813

Environmental authority takes effect on 13-APR-2016.

The anniversary date of this environmental authority remains as 31 May. An annual return and the payment of the annual fee will be due each year on this day.

Environmental authority holder(s)

Name	Principal address
Holcim (Australia) Pty Ltd	Level 3, 18 Little Cribb Street MILTON QLD 4064

Environmentally relevant activity and location details

Environmentally relevant activity(ies)	Location(s)
16-(1b) Dredging >10000t but <100000t yr	Alligator Creek, Bruce Highway, Balberra - Lot 105 Plan CI4435
16-(2a) Extractive >5000t but <100000t yr 16-(3a) Screening >5000t but <100000t yr	Keating's quarry and Sarina, 90365 Bruce Highway - Lot 106 Plan SP177284
16-(1b) Dredging >10000t but <100000t yr 16-(3a) Screening >5000t but <100000t yr	Pioneer River and Mia Mia - Lot 4 Plan RP714289

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.

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

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

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').

<div style="border: 1px solid green; width: 100%; height: 100%;"></div> <div style="position: absolute; bottom: 5px; left: 5px; font-size: 8px; color: green;">sch4p4(6) Personal Information Signature</div>	<div style="font-size: 24px; font-family: cursive;">13/4/2016</div> <div style="position: absolute; bottom: 5px; left: 50%; transform: translate(-50%, -50%); font-size: 10px;">Date</div>
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Tariq Khan
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)

Conditions of environmental authority

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: Schedule A – General Conditions	
Condition number	Condition
A1	<p>The registered operator must ensure that any person who they allow or employ to carry out the activities permitted by this approved:</p> <p>(a) is competent, or under the supervision of a person who is competent, to carry out the activities;</p> <p>(b) understands the conditions of this Environmental Authority (EA).</p>
Prevent and/or Minimise Likelihood of Environmental Harm	
A2	<p>Notwithstanding any other requirements of this document, all reasonable and practicable measures must be taken to prevent and/or to minimise the likelihood of environmental harm being caused when carrying out the environmentally relevant activity.</p>

Site Based Management Plan	
A3	From commencement of the activity, implement the Site Based Management Plan (SBMP's) that identifies the actual and potential release of ALL contaminants, their subsequent environmental impacts and all corrective and preventive measures that will be taken to prevent and/or minimise the likelihood of environmental harm. The SBMP's must also provide for the review and "continual improvement" in the overall environmental performance of all Environmentally Relevant Activities that are carried out. Any amendments to the SBMP's must be submitted to the administering authority on or before the date of the annual return.
Dredging	
A4	The only form of dredging to be carried out is sand and gravel extraction at the sites listed in this environmental authority. Sand extraction from tidal waters (including seas) shall only be undertaken during period of low tides, when tidal sands are exposed to the air.
A5	The dredging activity and any disturbance to flora and fauna (both aquatic and terrestrial), sand, gravel and clay in the bed of the waters must only be carried out in the licensed area listed in this Environmental Authority.
A6	The only areas permitted to be dredged under this Environmental Authority are those listed in this Environmental Authority.
A7	The placement of dredged matter may only occur to those areas designed in the site based management plans.
A8	During November to February and prior to commencing dredging of tidal sands (including seas), the registered operator or their representative shall inspect the access track for turtle nesting sites, each day. If a nest is found within four meters of the access track, the registered operator or their representative shall immediately contact Queensland Parks and Wildlife service. No dredging operation shall be undertaken until approved by the Regional Service Director (Central Region) Queensland Parks and Wildlife service or his delegate.
Extraction	
A9	The extraction activity and any disturbance to flora and fauna (both aquatic and terrestrial) must only be carried out in the licensed area listed in this Environmental Authority.
A10	The only areas permitted for extracting rock under this Environmental Authority are those listed in this Environmental Authority.

Regulated Waste Transport	
A11	The registered operator is approved to undertake the transport of distillery residues, food processing waste, septic waste and oily liquid waste listed as 'regulated waste' in schedule 7 of the <i>Environmental Protection Regulations 1998</i> .
Acid Sulphate Soils (ASS)	
A12	You must comply with 'Guidelines For the Treatment and Management of Acid Sulfate Soils 2000', Queensland Government Environmental Protection Agency.
Notification	
A13	Notify the administering authority as soon as practicable when the release of contaminants is not in accordance with the conditions on this document or any event where environmental harm may be threatened.
A14	Written advice of the following information must be provided within fourteen (14) days following any event as identified in condition number (A13): <ul style="list-style-type: none"> the location of the event; the time of the event; the time the holder of the environmental authority became aware of the event; the suspect cause of the event; a description of the resulting effects of the event; actions taken to mitigate any environmental harm and or environmental nuisance caused by the event, and proposed actions to prevent a recurrence of the event.
Monitoring	
A15	Record, compile and keep all monitoring results required by this document and present this information to the administering authority when requested, in a specified format.
Records	
A16	Any records or documents required to be kept by a condition of this Environmental Authority must be kept at the approved place for a period of at least five years and be available for examination by an authorised person. The record retention requirements of this condition will be satisfied if any daily and weekly records are kept for a period of at least three (3) years and these records are then kept in the form of annual summaries after that period.

Alterations	
A17	No change, replacement or operation of any plant or equipment is permitted if the change, replacement or operation of the plant or equipment increases, or is likely to substantially increase, the risk of environmental harm above that expressly provided by this environmental authority.
Erosion and sediment control	
A18	Erosion and sediment control measures must be maintained at all the times during periods the environmentally relevant activities are carried out and during rehabilitation. Procedures must be implemented to check and, if necessary, repair or replace the erosion control and sediment control measures after each rain event likely adversely affect the efficiency of those measures.
Agency interest: Schedule B - Air	
Condition number	Condition
B1	Prevent the release of odour, dust and/or particulate matter, spray-drift, smoke, aerosols, or fumes which cause or are likely to cause a nuisance. Nuisance includes the release of contaminants that are likely to be offensive to a person or a nuisance in the opinion of an authorised person.
B2	<p>Dust is not considered to be a nuisance under condition B1 if monitoring shows that dust and/or particulate matter did or does NOT exceed the following limits at the boundary of any affected dust sensitive place:</p> <ul style="list-style-type: none"> Dust deposition of 120 milligrams per square metre per day, when monitored in accordance with Australian Standard AS 3580.10 of 1991; AND A concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (µm) (PM10) suspended in the atmosphere of 150 micrograms per cubic metre over a 24 hour averaging time, at the boundary of any affected dust sensitive place downwind of the premises to which this Environmental Authority relates, when monitored in accordance with: <ul style="list-style-type: none"> Australian Standard AS 3580.9.6 "Ambient air – Particulate matter – Determination of suspended particulate PM10 high-volume sampler with size-selective inlet-Gravimetric method"; or 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.
Materials Handling	
B3	All practicable measures must be taken to minimise the generation of wind-borne dust during operation of external material stockpiles.
B4	Watering of internal roads shall be carried out so as to minimise the release of dust and particulate matter to the atmosphere.

Loss of materials during transit	
B5	Trucks and vehicles transporting material from the dredging sites or screening premises which is liable to generate dust during transit, must either be covered immediately after loading or pass under water sprays to minimise wind-blown releases and spillage. Any covering must be maintained until immediately before unloading the truck or vehicle.
Agency interest: Schedule C - Water	
Condition number	Condition
Release of Contaminants to Waters	
C1	Contaminants must not be directly or indirectly released from the approved place to any waters or the bed and banks of any waters except to a sewer as permitted or otherwise agreed from time to time by the relevant Local Government.
C2	Prevent erosion that may result in the release of sediment to waters.
C3	The environmentally relevant activities must be carried out in such a manner that any release of contaminants caused by activities must: <ul style="list-style-type: none"> (a) be minimised to the greatest practicable extent; and (b) not produce any slick or other visible evidence of oil or grease, nor contain visible floating oil, grease, scum, litter or other objectionable matter.
Release of Contaminants to Stormwater	
C4	The registered operator must ensure that no contaminated stormwater directly or indirectly is released from the licensed places to any waters or the bed and banks of any waters.
Bunding	
C5	All petroleum product storage tanks must be banded so that the capacity of the band is sufficient to contain at least 100% of the largest tank plus 10% of the second largest tank within the band.
C6	All bunding must be constructed of materials which are impervious to the materials stored.
C7	All empty drums must be stored on a concrete hard-stand area with their closures in place.
C8	All spilled materials in banded areas on the site must be cleaned up as soon as practicable

Agency interest: Schedule D - Noise	
Condition number	Condition
D1	Prevent the emission of noise, which causes or that is likely to cause a nuisance at any noise affected premises. Nuisance includes noise that is or is likely to be annoying, intrusive or offensive to a person or a nuisance in the opinion of an authorised person.
D2	Noise is NOT considered to be a nuisance under condition D1 if monitoring shows that noise does NOT exceed the following levels in the time periods specified in Schedule D Tables 1 and 2.

Schedule D – Table 1 – NOISE LIMITS (Noise Sensitive Place)

Noise Level dB(A) measured as	Noise measured at a “ <u>Noise Sensitive Place</u> ”					
	Monday to Saturday			Sunday and public holidays		
	7am – 6pm	6pm – 10pm	10pm – 7am	9am – 6pm	6pm – 10pm	10pm – 9am
L _A 10, adj, 10 mins	45	40	30	40	40	30
L _A 1, adj, 10 mins	50	45	35	45	45	35

Schedule D – Table 2 – NOISE LIMITS (Commercial Place)

Noise Level dB(A) measured as	Noise measured at a “ <u>Commercial Place</u> ”					
	Monday to Saturday			Sunday and public holidays		
	7am – 6pm	6pm – 10pm	10pm – 7am	9am – 6pm	6pm – 10pm	10pm – 9am
L _A 10, adj, 10 mins	55	45	35	45	45	35
L _A 1, adj, 10 mins	60	50	40	50	50	40

D3	<p>When requested by the Administering Authority noise monitoring must be undertaken to investigate any complaint of noise annoyance. Monitoring must include:</p> <ul style="list-style-type: none"> • L_A 10, adj, 10 mins; • L_A 1, adj, 10 mins; • The level and frequency of occurrence of impulsive or tonal noise; • atmospheric conditions including wind speed and direction; • effects due to extraneous factors such as traffic noise; • location, date and time of recording; and • the method of measurement and reporting of noise levels must comply with the Environmental Protection Agency's Noise Measurement Manual, Third Edition, 1 March 2000, or more recent editions or supplements to that document as they become available.
Blasting	
D4	Noise from blasting operations must not, outside the most exposed part of an affected noise sensitive place, exceed an air blast overpressure of 115dB (Lin) Peak for 4 out of any 5 consecutive blasts.
Agency interest: Schedule E – Waste Management	
Condition number	Condition
General	
E1	All wastes generated in carrying out the environmentally relevant activities must be disposed of to an appropriate facility that accepts such wastes, unless otherwise specifically provided for under the conditions of this environmental authority.
E2	The registered operator must implement sampling and monitoring practices and procedures that will determine whether the material extracted during dredging is contaminated soil, due to the concentration of contaminants such as heavy metals, hydrocarbons or pesticides in the material.
E3	<p>The registered operator must not:</p> <ul style="list-style-type: none"> (i) allow waste to burn or be burned at or on the licensed place; nor (ii) remove waste from the licensed place and burn such waste elsewhere.
Regulated Waste Transport	
E4	Vehicles to be used in the transport of regulated waste must be registered with the administering authority ("the registered vehicles").

E5	Any vehicle registered with the administering authority may be replaced with another vehicle provided it is similar type and no less fit for the transportation of the regulated waste.
E6	<p>The registered operator must supply details of changes to the vehicle fleet to the administering authority prior to the use of these vehicles for the transport of any regulated waste:</p> <ul style="list-style-type: none"> the intention to use the vehicle commencing not before a stated date; the type of vehicle; the make, model, year of manufacture and registration number of the vehicle; the areas(s) in which the vehicle is intended to be used; the depot(s) (if any) from which the vehicle will be operated; regulated waste to be transported by these vehicles.
E7	Regulated waste is not permitted to be released from any vehicle other than at a place that can lawfully accept such waste.
E8	Any loss spillage of regulated wastes must be cleaned up forthwith.
Regulated Waste Transport – Insurance	
E9	The registered operator must hold and keep a current liability insurance policy with a third party property clause to cover costs of clean up or removal incurred by or on behalf of the administering authority as a result of fire, explosion, leakage or spillage of regulated waste as a result of any vehicle transporting regulated waste in the state of Queensland.
Agency interest: Schedule F – Land Application	
Condition number	Condition
F1	All disturbed areas (eg. Stockpile and screening areas) must be progressively re-profiled and stabilised to ensure that at the cessation of activities, erosion is minimised.
F2	The environmentally relevant activity must be carried out by such practicable means necessary to prevent the release or likelihood of release of contaminants to land which may cause land to be contaminated.
Site Rehabilitation	
F3	Completed extraction and dredging areas must be stabilised by landscaping or revegetating as soon as practicable after completion.

Agency interest: Schedule G – Community	
Condition number	Condition
G1	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.
G2	In consultation with the administering authority, cooperate with and participate in any community environmental group or organisation established in respect of either the approved place specifically, or the industrial estate where the approved place is located.

Schedule H - Definitions

Key terms and/or phrases used in this document are defined in this section. 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.

Approved place means the place to which this Environmental Authority relates.

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.

Dust sensitive place means -

- a dwelling, mobile home or caravan park, residential marina or other residential place;
- a motel, hotel or hostel;
- a kindergarten, school, university or other educational institution;
- a medical centre or hospital;
- a protected area;
- a park or gardens; or
- a place used as an office or for business or commercial purposes.

and includes the curtilage of any such place.

Dwelling means any of the following structures or vehicles that is principally used as a residence-

- 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;
- a water craft in a marina.

Land in the 'land schedule' of this document means land excluding waters and the atmosphere.

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

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

Protected area means -

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

Regulated waste means non-domestic waste in Schedule 7 of the *Environmental Protection Regulation 2008* and includes:

- for an element - any chemical compound containing the element; and
- anything that has contained a regulated waste; and
- regulated waste that has been treated or immobilised.

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)

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.

L_A 10, adj, 10 mins means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 10% of any 10 minute measurement period, using Fast response.

L_A 1, adj, 10 mins means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 1% of any 10 minute measurement period, using Fast response.

Noise affected premises means a "noise sensitive place" or a "commercial place"

Noise sensitive place means –

- a dwelling, 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; or
- a park or gardens.

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, regard must be given to Australian Standard 1055.2 – 1997 Acoustics – Description and Measurement of Environmental Noise Part 2 – Application to Specific Situations.

END OF PERMIT



Department of
**Environment and
Heritage Protection**

13-APR-2016

To: Linthwaite Earthmoving Pty Ltd
PO Box 31
KOUMLA QLD 4738

Email: gklinthwaite@bigpond.com

Your reference: EPPR02588314
Our reference: 422314

Application details

I refer to the application for a partial transfer that was received by the administering authority on 29MARCH-2016 to transfer Baillies Quarry (Previously known as Oonooie Quarry on Lot 11 on Plan RP748341) to Linthwaite Earthmoving Pty Ltd.

Land description: Baillie's quarry, SARINA QLD Lot 11 Plan RP748341

Decision

Your application has been approved and your environmental authority (reference EPPR02588314) 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.

This permit only provides an approval under the *Environmental Protection Act 1994*. In order to lawfully operate you may also require permits / approvals from your local government authority and other State Government agencies prior to commencing any activity at the site. For example, this may include permits / approvals with your local Council (for planning approval), the Department of Transport and Main Roads (to access state controlled roads), the Department of Natural Resources and Mines (to clear vegetation), and the Department of Agriculture Forestry and Fisheries (to clear marine plants or to obtain a quarry material allocation).

If you are operating a quarry, other than a sand and gravel quarry where there is no crushing capability, you will be required to comply with the *Mining and Quarrying Safety and Health Act 1999*. For more information on your obligations under this legislation contact Mine Safety and Health at www.dnrm.qld.gov.au, or phone 13 QGOV (13 74 68) or your local Mines Inspectorate Office.

Should you have any further enquiries, please contact Diana Gutierrez on telephone (07) 4699 4374.

Peta Louise Sutton
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Website www.ehp.qld.gov.au
ABN 46 640 294 485

Yours sincerely

<div data-bbox="338 313 748 470" style="border: 1px solid green; width: 257px; height: 70px;"></div> <div data-bbox="338 448 654 477" style="border: 1px solid green; width: 198px; height: 13px; display: flex; align-items: center;"><div data-bbox="359 492 475 519" style="border: 1px solid green; width: 73px; height: 12px; display: flex; align-items: center; justify-content: center;">sch4p4(6)</div><div data-bbox="528 472 633 504" style="margin-left: 5px;">Signature</div></div>	<div data-bbox="917 374 1414 461" style="border: 1px solid black; width: 311px; height: 39px; display: flex; align-items: center; justify-content: center;"><div data-bbox="986 389 1193 445" style="font-family: cursive;">13/4/2016</div></div> <div data-bbox="1128 470 1190 499" style="text-align: center;">Date</div>
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Tariq Khan
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

Enclosed

Permit - environmental authority (reference EPPR02588314)

Environmental authority - EPPR02588314

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

Permit¹ number: EPPR02588314

Environmental authority takes effect on 13-APR-2016.

The anniversary date of this environmental authority remains as 20 November. An annual return and the payment of the annual fee will be due each year on this day.

Environmental authority holder(s)

Name	Principal address
Linthwaite Earthmoving Pty Ltd	172 Bolinbroke Road KOUMALA QLD 4738

Environmentally relevant activity and location details

Environmentally relevant activity(ies)	Location(s)
16-(2a) Extractive >5000t but <100,000t/yr 16-(3a) Screening >5000t but <100,000t/yr	Lot 7 Bruce Highway Koumala - Lot 7 Plan RP747926 Baillie's quarry, SARINA QLD Lot 11 Plan RP748341

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').

<div style="border: 1px solid green; width: 100%; height: 100%;"></div> <div style="position: absolute; bottom: 5px; left: 5px; font-size: small;">sch4p4(6) Personal Information Signature</div>	<div style="font-size: 1.5em; font-family: cursive;">13/4/2016</div> <div style="position: absolute; bottom: 5px; left: 5px; font-size: small;">Date</div>
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Tariq Khan
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)

Conditions of environmental authority

Location: 172 Bolinbroke Road, KOUMALA QLD 4738
Bruce Highway Koumala - Lot 7 Plan RP747926

Relevant activity/ies:

16-(2a) Extractive >5000t but <100,000t/yr
16-(3a) Screening >5000t but <100,000t/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 the following limitation: 1. Activities are to be conducted within the boundary identified in Schedule 1 – 'Koumala Quarry – Quarry Layout Plan', marked by the outermost large dotted grey line.
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	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.

G5	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.
G6	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.
G7	The activity must be undertaken in accordance with written procedures that: <ol style="list-style-type: none"> 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 <i>Environmental Protection Act 1994</i>; 6. ensure that reviews of environmental performance are undertaken at least annually.
G8	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 or the bed and banks of any waters .
WT2	Erosion and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment.
WT3	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 from the activity must not cause nuisance at a sensitive place or commercial place .
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: <ul style="list-style-type: none"> 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.
L4	Before surrendering this environmental authority the site must be rehabilitated to achieve a safe, stable, non-polluting landform and landuse.
L5	Treatment and management of acid sulfate soils must comply with the current edition of the <i>Queensland Acid Sulfate Soil Technical Manual</i> .
Agency interest: Waste	
Condition number	Condition
WS1	All waste generated in carrying out the activity must be reused, recycled or removed to a facility that can lawfully accept the waste.
WS2	Waste must not be burnt on-site.

Location: Baillie's quarry, Oonooie, SARINA QLD
Lot 11 Plan RP748341

Relevant activity/ies:

- 16-(2a) Extractive >5000t but <100,000t/yr
- 16-(3a) Screening >5000t but <100,000t/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: Schedule 1A – General Conditions	
Condition number	Condition
A1	<p>The registered operator must ensure that any person who they allow or employ to carry out the activities permitted by this approved:</p> <ul style="list-style-type: none"> (a) is competent, or under the supervision of a person who is competent, to carry out the activities; (b) understands the conditions of this Environmental Authority (EA)
Prevent and/or Minimise Likelihood of Environmental Harm	
A2	Notwithstanding any other requirements of this document, all reasonable and practicable measures must be taken to prevent and/or to minimise the likelihood of environmental harm being caused when carrying out the environmentally relevant activity.
Site Based Management Plan	
A3	From commencement of the activity, implement the Site Based Management Plan (SBMP's) that identifies the actual and potential release of ALL contaminants, their subsequent environmental impacts and all corrective and preventive measures that will be taken to prevent and/or minimise the likelihood of environmental harm. The SBMP's must also provide for the review and "continual improvement" in the overall environmental performance of all Environmentally Relevant Activities that are carried out. Any amendments to the SBMP's must submitted to the administering authority on or before the date of the annual return.
Dredging	
A4	The only form of dredging to be carried out is sand and gravel extraction at the sites listed in this environmental authority. Sand extraction from tidal waters (including seas) shall only be undertaken during period of low tides, when tidal sands are exposed to the air.
A5	The dredging activity and any disturbance to flora and fauna (both aquatic and terrestrial), sand, gravel and clay in the bed of the waters must only be carried out in the licensed area listed in this Environmental Authority.

A6	The only areas permitted to be dredged under this Environmental Authority are those listed in this Environmental Authority.
A7	The placement of dredged matter may only occur to those areas designed in the site based management plans.
A8	During November to February and prior to commencing dredging of tidal sands (including seas), the registered operator or their representative shall inspect the access track for turtle nesting sites, each day. If a nest is found within four meters of the access track, the registered operator or their representative shall immediately contact Queensland Parks and Wildlife service. No dredging operation shall be undertaken until approved by the Regional Service Director (Central Region) Queensland Parks and Wildlife service or his delegate.
Extraction	
A9	The extraction activity and any disturbance to flora and fauna (both aquatic and terrestrial) must only be carried out in the licensed area listed in this Environmental Authority.
A10	The only areas permitted for extracting rock under this Environmental Authority are those listed in this Environmental Authority.
Regulated Waste Transport	
A11	The registered operator is approved to undertake the transport of distillery residues, food processing waste, septic waste and oily liquid waste listed as 'regulated waste' in schedule 7 of the <i>Environmental Protection Regulations 1998</i> .
Acid Sulphate Soils (ASS)	
A12	You must comply with 'Guidelines For the Treatment and Management of Acid Sulfate Soils 2000", Queensland Government Environmental Protection Agency
Notification	
A13	Notify the administering authority as soon as practicable when the release of contaminants is not in accordance with the conditions on this document or any event where environmental harm may be threatened

A14	<p>Written advice of the following information must be provided within fourteen (14) days following any event as identified in condition number (A13):</p> <ul style="list-style-type: none"> the location of the event; the time of the event; the time the holder of the environmental authority became aware of the event; the suspect cause of the event; a description of the resulting effects of the event; actions taken to mitigate any environmental harm and or environmental nuisance caused by the event, and proposed actions to prevent a recurrence of the event.
Monitoring	
A15	Record, compile and keep all monitoring results required by this document and present this information to the administering authority when requested, in a specified format.
Records	
A16	Any records or documents required to be kept by a condition of this Environmental Authority must be kept at the approved place for a period of at least five years and be available for examination by an authorised person. The record retention requirements of this condition will be satisfied if any daily and weekly records are kept for a period of at least three (3) years and these records are then kept in the form of annual summaries after that period.
Alterations	
A17	No change, replacement or operation of any plant or equipment is permitted if the change, replacement or operation of the plant or equipment increases, or is likely to substantially increase, the risk of environmental harm above that expressly provided by this environmental authority.
Erosion and sediment control	
A18	Erosion and sediment control measures must be maintained at all the times during periods the environmentally relevant activities are carried out and during rehabilitation. Procedures must be implemented to check and, if necessary, repair or replace the erosion control and sediment control measures after each rain event likely adversely affect the efficiency of those measures.
Agency interest: Schedule 1B - Air	
Condition number	Condition
B1	Prevent the release of odour, dust and/or particulate matter, spray-drift, smoke, aerosols, or fumes which cause or are likely to cause a nuisance. Nuisance includes the release of contaminants that are likely to be offensive to a person or a nuisance in the opinion of an authorised person.

B2	<p>Dust is not considered to be a nuisance under condition B1 if monitoring shows that dust and/or particulate matter did or does NOT exceed the following limits at the boundary of any affected dust sensitive place:</p> <ul style="list-style-type: none"> Dust deposition of 120 milligrams per square metre per day, when monitored in accordance with Australian Standard AS 3580.10 of 1991; AND A concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (µm) (PM10) suspended in the atmosphere of 150 micrograms per cubic metre over a 24 hour averaging time, at the boundary of any affected dust sensitive place downwind of the premises to which this Environmental Authority relates, when monitored in accordance with: <ul style="list-style-type: none"> Australian Standard AS 3580.9.6 "Ambient air – Particulate matter – Determination of suspended particulate PM10 high-volume sampler with size-selective inlet-Gravimetric method"; or 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.
Materials Handling	
B3	All practicable measures must be taken to minimise the generation of wind-borne dust during operation of external material stockpiles.
B4	Watering of internal roads shall be carried out so as to minimise the release of dust and particulate matter to the atmosphere.
Loss of materials during transit	
B5	Trucks and vehicles transporting material from the dredging sites or screening premises which is liable to generate dust during transit, must either be covered immediately after loading or pass under water sprays to minimise wind-blown releases and spillage. Any covering must be maintained until immediately before unloading the truck or vehicle.
Agency interest: Schedule 1C - Water	
Condition number	Condition
Release of Contaminants to Waters	
C1	Contaminants must not be directly or indirectly released from the approved place to any waters or the bed and banks of any waters except to a sewer as permitted or otherwise agreed from time to time by the relevant Local Government.
C2	Prevent erosion that may result in the release of sediment to waters.

C3	<p>The environmentally relevant activities must be carried out in such a manner that any release of contaminants caused by activities must:</p> <p>(a) be minimised to the greatest practicable extent; and</p> <p>(b) not produce any slick or other visible evidence of oil or grease, nor contain visible floating oil, grease, scum, litter or other objectionable matter.</p>
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Release of Contaminants to Stormwater

C4	The registered operator must ensure that no contaminated stormwater directly or indirectly is released from the licensed places to any waters or the bed and banks of any waters.
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Bunding

C5	All petroleum product storage tanks must be bunded so that the capacity of the bund is sufficient to contain at least 100% of the largest tank plus 10% of the second largest tank within the bund.
C6	All bunding must be constructed of materials which are impervious to the materials stored.
C7	All empty drums must be stored on a concrete hard-stand area with their closures in place.
C8	All spilled materials in bunded areas on the site must be cleaned up as soon as practicable

Agency interest: Schedule 1D - Noise

Condition number	Condition
D1	Precent the emission of noise, which causes or that is likely to cause a nuisance at any noise affected premises. Nuisance includes noise that is or is likely to be annoying, intrusive or offensive to a person or a nuisance in the opinion of an authorised person.
D2	Noise is NOT considered to be a nuisance under condition D1 if monitoring shows that noise does NOT exceed the following levels in the time periods specified in Schedule D Tables 1 and 2.

Schedule D – Table 1 – NOISE LIMITS (Noise Sensitive Place)

Noise Level dB(A) measured as	Noise measured at a “ <u>Noise Sensitive Place</u> ”					
	Monday to Saturday			Sunday and public holidays		
	7am – 6pm	6pm – 10pm	10pm – 7am	9am – 6pm	6pm – 10pm	10pm – 9am
L _A 10, adj, 10 mins	45	40	30	40	40	30
L _A 1, adj, 10 mins	50	45	35	45	45	35

Schedule D – Table 2 – NOISE LIMITS (Commercial Place)						
Noise Level dB(A) measured as	Noise measured at a “Commercial Place”					
	Monday to Saturday			Sunday and public holidays		
	7am – 6pm	6pm – 10pm	10pm – 7am	9am – 6pm	6pm – 10pm	10pm – 9am
L _A 10, adj, 10 mins	55	45	35	45	45	35
L _A 1, adj, 10 mins	60	50	40	50	50	40

D3	<p>When requested by the Administering Authority noise monitoring must be undertaken to investigate any complaint of noise annoyance. Monitoring must include:</p> <ul style="list-style-type: none"> • L_A 10, adj, 10 mins; • L_A 1, adj, 10 mins; • The level and frequency of occurrence of impulsive or tonal noise. • atmospheric conditions including wind speed and direction; • effects due to extraneous factors such as traffic noise; • location, date and time of recording and • the method of measurement and reporting of noise levels must comply with the Environmental Protection Agency's Noise Measurement Manual, Third Edition, 1 March 2000, or more recent editions or supplements to that document as they become available.
Blasting	
D4	Noise from blasting operations must not, outside the most exposed part of an affected noise sensitive place, exceed an air blast overpressure of 115dB (Lin) Peak for 4 out of any 5 consecutive blasts.

Agency interest: Schedule 1E – Waste Management	
Condition number	Condition
General	
E1	All wastes generated in carrying out the environmentally relevant activities must be disposed of to an appropriate facility that accepts such wastes, unless otherwise specifically provided for under the conditions of this environmental authority.

E2	The registered operator must implement sampling and monitoring practices and procedures that will determine whether the material extracted during dredging is contaminated soil, due to the concentration of contaminants such as heavy metals, hydrocarbons or pesticides in the material.
E3	The registered operator must not: <ul style="list-style-type: none"> (i) allow waste to burn or be burned at or on the licensed place; nor (ii) remove waste from the licensed place and burn such waste elsewhere.
Regulated Waste Transport	
E4	Vehicles to be used in the transport of regulated waste must be registered with the administering authority ("the registered vehicles").
E5	Any vehicle registered with the administering authority may be replaced with another vehicle provided it is similar type and no less fit for the transportation of the regulated waste.
E6	The registered operator must supply details of changes to the vehicle fleet to the administering authority prior to the use of these vehicles for the transport of any regulated waste: <ul style="list-style-type: none"> • the intention to use the vehicle commencing not before a stated date; • the type of vehicle; • the make, model, year of manufacture and registration number of the vehicle; • the areas(s) in which the vehicle is intended to be used; • the depot(s) (if any) from which the vehicle will be operated; • regulated waste to be transported by these vehicles.
E7	Regulated waste is not permitted to be released from any vehicle other than at a place that can lawfully accept such waste.
E8	Any loss spillage of regulated wastes must be cleaned up forthwith.
Regulated Waste Transport – Insurance	
E9	The registered operator must hold and keep a current liability insurance policy with a third party property clause to cover costs of clean up or removal incurred by or on behalf of the administering authority as a result of fire, explosion, leakage or spillage of regulated waste as a result of any vehicle transporting regulated waste in the state of Queensland.
Agency interest: Schedule 1F – Land Application	
Condition number	Condition
F1	All disturbed areas (eg. Stockpile and screening areas) must be progressively re-profiled and stabilised to ensure that at the cessation of activities, erosion is minimised.

F2	The environmentally relevant activity must be carried out by such practicable means necessary to prevent the release or likelihood of release of contaminants to land which may cause land to be contaminated.
Site Rehabilitation	
F3	Completed extraction and dredging areas must be stabilised by landscaping or revegetating as soon as practicable after completion.
Agency interest: Schedule 1G – Community	
Condition number	Condition
G1	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.
G2	In consultation with the administering authority, cooperate with and participate in any community environmental group or organisation established in respect of either the approved place specifically, or the industrial estate where the approved place is located.

Schedule H - Definitions

Key terms and/or phrases used in this document are defined in this section. 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.

Approved place means the place to which this Environmental Authority relates.

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.

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.

Dust sensitive place means -

- a dwelling, mobile home or caravan park, residential marina or other residential place;
- a motel, hotel or hostel;
- a kindergarten, school, university or other educational institution;
- a medical centre or hospital;
- a protected area;
- a park or gardens; or
- a place used as an office or for business or commercial purposes.

and includes the curtilage of any such place.

Dwelling means any of the following structures or vehicles that is principally used as a residence-

- 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;
- a water craft in a marina.

Land in the 'land schedule' of this document means land excluding waters and the atmosphere.

Measures have the broadest interpretation and include 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.

Protected area means -

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

Regulated waste means non-domestic waste in Schedule 7 of the *Environmental Protection Regulation 2008* and includes:

- for an element – any chemical compound containing the element; and
- anything that has contained a regulated waste; and
- regulated waste that has been treated or immobilised.

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)

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.

Noise Definitions

L_{A 10, adj, 10 mins} means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 10% of any 10 minute measurement period, using Fast response.

L_{A 1, adj, 10 mins} means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 1% of any 10 minute measurement period, using Fast response.

Noise affected premises means a "noise sensitive place" or a "commercial place"

Noise sensitive place means –

- a dwelling, 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; or
- a park or gardens.

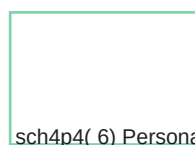
Intrusive noise – means noise that, because of its frequency, duration, level, tonal characteristics, impulsiveness or vibration –

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

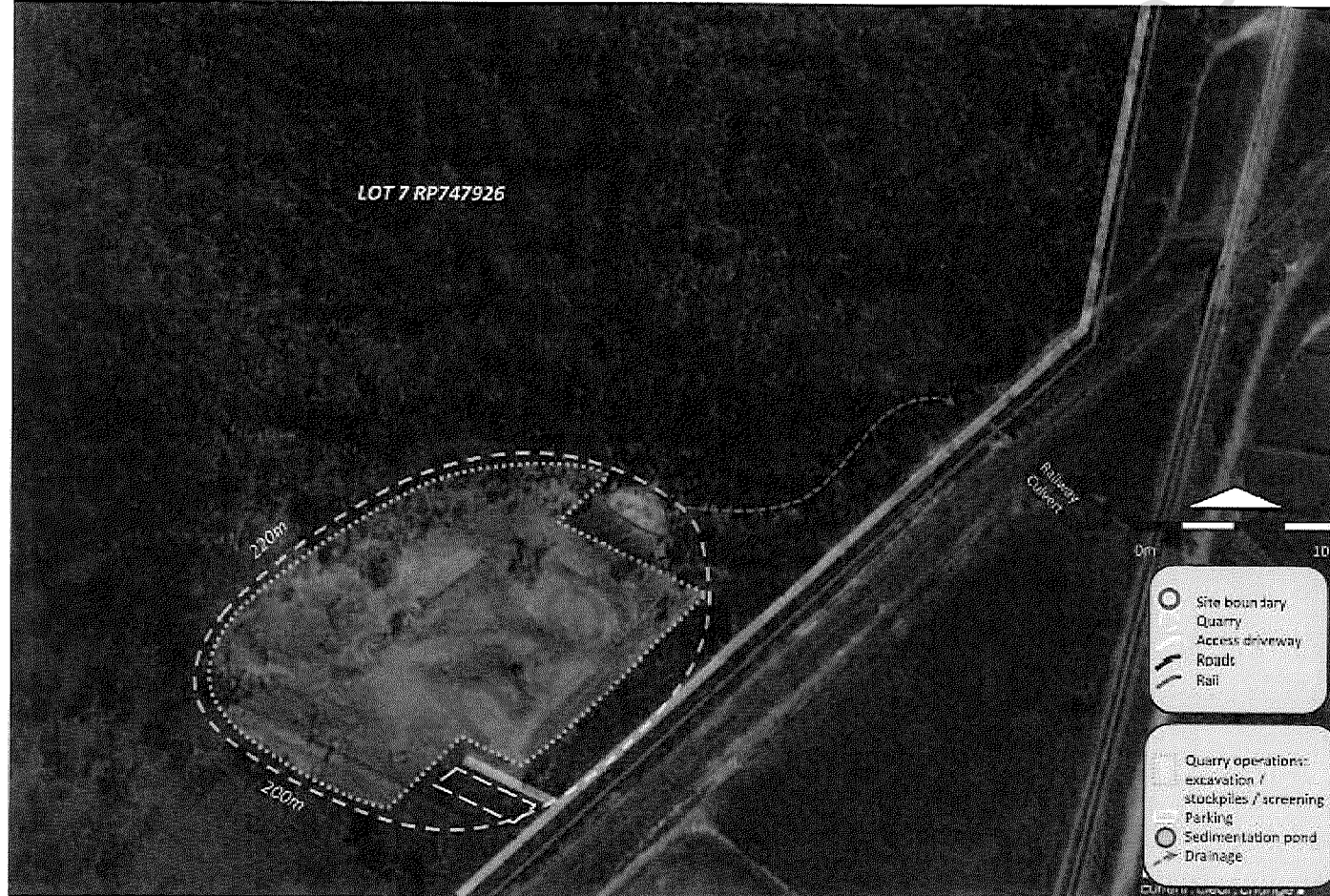
In determining whether a noise annoys an individual and is unreasonably intrusive, regard must be given to Australian Standard 1055.2 – 1997 Acoustics – Description and Measurement of Environmental Noise Part 2 – Application to Specific Situations.

END OF CONDITIONS

Published on DES Disclosure Log
RTI Act 2009



Schedule 1 - Koumala Quarry – Quarry Layout Plan - Area within which activities associated with this approval are to be conducted (see Condition G1). The approved area is marked with the outermost large dotted grey line.



END OF PERMIT



LOT 7 RP747926, BRUCE HIGHWAY, KOUMALA
**KOUMALA QUARRY
QUARRY LAYOUT PLAN**

FILENAME >	QUARRY LAYOUT PLAN	DATE >	09 OCT 2014
JOB NO. >	HRP14119	APPROVED >	
SCALE >		VERSION >	M
SOURCE >	NEARMAPS 2014		

Assessment Report

Environmental Protection Act 1994

Transfer application

This assessment report is for applications to transfer all or part of an environmental authority for a prescribed environmentally relevant activity (ERA) under sections 251–253 of the *Environmental Protection Act 1994*.

PROJECT NAME:	
PRINCIPAL APPLICANT: Holcim (Australia) Pty Ltd	
JOINT APPLICANTS:	
AGENT/ SERVICE ADDRESS: Holcim: rebecca.clemmey@holcim.com Linthwaite: Po BOX 31 KOUMALA QLD 4738 GKLINTHWAITE@BIGPOND.COM	
ERA DESCRIPTION: ERA 16 Extractive and screening activities Threshold 2(a) - extracting, other than by dredging, in a year, 5000t to 100000t of material. ERA 16 Extractive and screening activities Threshold 3(a) - screening, in a year, 5000t to 100000t of material	
LOCATION DESCRIPTION: <u>Only one site to be transferred:</u> Lot 11 Plan RP748341 Located at:- Baillie's quarry, SARINA QLD 4737	
NEW HOLDER DETAILS: Linthwaite Earthmoving Pty Ltd., Suitable Operator ABN/ACN: 073940557	
ECOTRACK PROJECT NO: 225233 Holcim (Australia) Pty Ltd. 422314 Linthwaite Earthmoving Pty Ltd.	ENVIRONMENTAL AUTHORITY NO: EPPR00556813 Holcim (Australia) Pty Ltd EPPR02588314 Linthwaite Earthmoving Pty Ltd.
FILE NO: Holcim (Australia) Pty Ltd. 101/0013490 Linthwaite Earthmoving Pty Ltd. 101/0017985	

1. Type of transfer

☐	The environmental authority is to be transferred in full to a new holder.
☐	A new joint holder is to be added to the environmental authority. The existing holder will become a joint holder for all ERAs contained within the environmental authority.
☒	Only part of the environmental authority is to be transferred.
☐	The environmental authority has joint holders and this application is only to remove one or more of the current joint holders. No new holders are proposed to be added.

2. Assessment

Is the new holder (transferee) a registered suitable operator?

- ☒ Yes – suitable operator registration number provided – **must approve the transfer application**
- ☐ Yes – application to be a registered suitable operator received with this application and approved – **must approve the transfer application**
- ☐ No – application to be a registered suitable operator has been refused. The application **must be refused** under section 173 of the EP Act
- ☐ No – **refuse application** and advise that application to be a registered suitable operator required.
- ☐ Not applicable – application to remove holders only.

Have all transferees and current environmental authority holders signed the appropriate declarations on the application form?

- ☒ Yes
- ☐ No – **refuse** and advise that signed declarations are required.

3. Recommendation

It is recommended that the proposed transfer application should be:

☒ Approved	Assessing Officer: Diana Gutierrez	sch4p4(6) Personal Information	sch4p4(6) Pe	12.04.16	sch4p4(6) Pers
☐ Refused	Date: 11-April-2016				sch4p4(6) Pers

13/4/16

NOTE: If a condition of the environmental authority being transferred has a condition requiring financial assurance, the new holder must be advised that they must give the financial assurance before acting under the environmental authority. Refer to the department's financial assurance guidance material for further information.

Department of Environment and Heritage Protection

Permit¹

Environmental Protection Act 1994

Environmental authority - EPPR02588314

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

Permit¹ number: EPPR02588314

Environmental authority takes effect on 13-APR-2016.

The anniversary date of this environmental authority remains as 20 November. An annual return and the payment of the annual fee will be due each year on this day.

Environmental authority holder(s)

Name	Principal address
Linthwaite Earthmoving Pty Ltd	172 Bolinbroke Road KOUMALA QLD 4738

Environmentally relevant activity and location details

Environmentally relevant activity(ies)	Location(s)
16-(2a) Extractive >5000t but <100,000t/yr 16-(3a) Screening >5000t but <100,000t/yr	Lot 7 Bruce Highway Koumala - Lot 7 Plan RP747926 Baillie's quarry, SARINA QLD Lot 11 Plan RP748341

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').

	<small>sch4p4(6) Personal Information</small>	13/4/2016
<small>Signature</small>		<small>Date</small>

Tariq Khan
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)

Conditions of environmental authority

Location: 172 Bolinbroke Road, KOUMALA QLD 4738
Bruce Highway Koumala - Lot 7 Plan RP747926

Relevant activity/ies:

16-(2a) Extractive >5000t but <100,000t/yr
16-(3a) Screening >5000t but <100,000t/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 the following limitation: 1. Activities are to be conducted within the boundary identified in Schedule 1 – 'Koumala Quarry – Quarry Layout Plan', marked by the outermost large dotted grey line.
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	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.

G5	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.
G6	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.
G7	The activity must be undertaken in accordance with written procedures that: <ol style="list-style-type: none"> 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 <i>Environmental Protection Act 1994</i>; 6. ensure that reviews of environmental performance are undertaken at least annually.
G8	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 or the bed and banks of any waters .
WT2	Erosion and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment.
WT3	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 from the activity must not cause nuisance at a sensitive place or commercial place .
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: <ul style="list-style-type: none"> 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.
L4	Before surrendering this environmental authority the site must be rehabilitated to achieve a safe, stable, non-polluting landform and landuse.
L5	Treatment and management of acid sulfate soils must comply with the current edition of the <i>Queensland Acid Sulfate Soil Technical Manual</i> .
Agency interest: Waste	
Condition number	Condition
WS1	All waste generated in carrying out the activity must be reused, recycled or removed to a facility that can lawfully accept the waste.
WS2	Waste must not be burnt on-site.

Location: Baillie's quarry, Oonooie, SARINA QLD
Lot 11 Plan RP748341

Relevant activity/ies:

- 16-(2a) Extractive >5000t but <100,000t/yr
- 16-(3a) Screening >5000t but <100,000t/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: Schedule 1A – General Conditions	
Condition number	Condition
A1	<p>The registered operator must ensure that any person who they allow or employ to carry out the activities permitted by this approved:</p> <ul style="list-style-type: none"> (a) is competent, or under the supervision of a person who is competent, to carry out the activities; (b) understands the conditions of this Environmental Authority (EA)
Prevent and/or Minimise Likelihood of Environmental Harm	
A2	Notwithstanding any other requirements of this document, all reasonable and practicable measures must be taken to prevent and/or to minimise the likelihood of environmental harm being caused when carrying out the environmentally relevant activity.
Site Based Management Plan	
A3	From commencement of the activity, implement the Site Based Management Plan (SBMP's) that identifies the actual and potential release of ALL contaminants, their subsequent environmental impacts and all corrective and preventive measures that will be taken to prevent and/or minimise the likelihood of environmental harm. The SBMP's must also provide for the review and "continual improvement" in the overall environmental performance of all Environmentally Relevant Activities that are carried out. Any amendments to the SBMP's must submitted to the administering authority on or before the date of the annual return.
Dredging	
A4	The only form of dredging to be carried out is sand and gravel extraction at the sites listed in this environmental authority. Sand extraction from tidal waters (including seas) shall only be undertaken during period of low tides, when tidal sands are exposed to the air.
A5	The dredging activity and any disturbance to flora and fauna (both aquatic and terrestrial), sand, gravel and clay in the bed of the waters must only be carried out in the licensed area listed in this Environmental Authority.

A6	The only areas permitted to be dredged under this Environmental Authority are those listed in this Environmental Authority.
A7	The placement of dredged matter may only occur to those areas designed in the site based management plans.
A8	During November to February and prior to commencing dredging of tidal sands (including seas), the registered operator or their representative shall inspect the access track for turtle nesting sites, each day. If a nest is found within four meters of the access track, the registered operator or their representative shall immediately contact Queensland Parks and Wildlife service. No dredging operation shall be undertaken until approved by the Regional Service Director (Central Region) Queensland Parks and Wildlife service or his delegate.
Extraction	
A9	The extraction activity and any disturbance to flora and fauna (both aquatic and terrestrial) must only be carried out in the licensed area listed in this Environmental Authority.
A10	The only areas permitted for extracting rock under this Environmental Authority are those listed in this Environmental Authority.
Regulated Waste Transport	
A11	The registered operator is approved to undertake the transport of distillery residues, food processing waste, septic waste and oily liquid waste listed as 'regulated waste' in schedule 7 of the <i>Environmental Protection Regulations 1998</i> .
Acid Sulphate Soils (ASS)	
A12	You must comply with 'Guidelines For the Treatment and Management of Acid Sulfate Soils 2000', Queensland Government Environmental Protection Agency
Notification	
A13	Notify the administering authority as soon as practicable when the release of contaminants is not in accordance with the conditions on this document or any event where environmental harm may be threatened

A14	<p>Written advice of the following information must be provided within fourteen (14) days following any event as identified in condition number (A13):</p> <ul style="list-style-type: none"> the location of the event; the time of the event; the time the holder of the environmental authority became aware of the event; the suspect cause of the event; a description of the resulting effects of the event; actions taken to mitigate any environmental harm and or environmental nuisance caused by the event, and proposed actions to prevent a recurrence of the event.
Monitoring	
A15	Record, compile and keep all monitoring results required by this document and present this information to the administering authority when requested, in a specified format.
Records	
A16	Any records or documents required to be kept by a condition of this Environmental Authority must be kept at the approved place for a period of at least five years and be available for examination by an authorised person. The record retention requirements of this condition will be satisfied if any daily and weekly records are kept for a period of at least three (3) years and these records are then kept in the form of annual summaries after that period.
Alterations	
A17	No change, replacement or operation of any plant or equipment is permitted if the change, replacement or operation of the plant or equipment increases, or is likely to substantially increase, the risk of environmental harm above that expressly provided by this environmental authority.
Erosion and sediment control	
A18	Erosion and sediment control measures must be maintained at all the times during periods the environmentally relevant activities are carried out and during rehabilitation. Procedures must be implemented to check and, if necessary, repair or replace the erosion control and sediment control measures after each rain event likely adversely affect the efficiency of those measures.
Agency interest: Schedule 1B - Air	
Condition number	Condition
B1	Prevent the release of odour, dust and/or particulate matter, spray-drift, smoke, aerosols, or fumes which cause or are likely to cause a nuisance. Nuisance includes the release of contaminants that are likely to be offensive to a person or a nuisance in the opinion of an authorised person.

B2	<p>Dust is not considered to be a nuisance under condition B1 if monitoring shows that dust and/or particulate matter did or does NOT exceed the following limits at the boundary of any affected dust sensitive place:</p> <ul style="list-style-type: none"> Dust deposition of 120 milligrams per square metre per day, when monitored in accordance with Australian Standard AS 3580.10 of 1991; AND A concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (µm) (PM10) suspended in the atmosphere of 150 micrograms per cubic metre over a 24 hour averaging time, at the boundary of any affected dust sensitive place downwind of the premises to which this Environmental Authority relates, when monitored in accordance with: <ul style="list-style-type: none"> Australian Standard AS 3580.9.6 "Ambient air – Particulate matter – Determination of suspended particulate PM10 high-volume sampler with size-selective inlet-Gravimetric method"; or 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.
Materials Handling	
B3	All practicable measures must be taken to minimise the generation of wind-borne dust during operation of external material stockpiles.
B4	Watering of internal roads shall be carried out so as to minimise the release of dust and particulate matter to the atmosphere.
Loss of materials during transit	
B5	Trucks and vehicles transporting material from the dredging sites or screening premises which is liable to generate dust during transit, must either be covered immediately after loading or pass under water sprays to minimise wind-blown releases and spillage. Any covering must be maintained until immediately before unloading the truck or vehicle.
Agency interest: Schedule 1C - Water	
Condition number	Condition
Release of Contaminants to Waters	
C1	Contaminants must not be directly or indirectly released from the approved place to any waters or the bed and banks of any waters except to a sewer as permitted or otherwise agreed from time to time by the relevant Local Government.
C2	Prevent erosion that may result in the release of sediment to waters.

C3	<p>The environmentally relevant activities must be carried out in such a manner that any release of contaminants caused by activities must:</p> <p>(a) be minimised to the greatest practicable extent; and</p> <p>(b) not produce any slick or other visible evidence of oil or grease, nor contain visible floating oil, grease, scum, litter or other objectionable matter.</p>
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Release of Contaminants to Stormwater

C4	The registered operator must ensure that no contaminated stormwater directly or indirectly is released from the licensed places to any waters or the bed and banks of any waters.
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Bunding

C5	All petroleum product storage tanks must be bunded so that the capacity of the bund is sufficient to contain at least 100% of the largest tank plus 10% of the second largest tank within the bund.
C6	All bunding must be constructed of materials which are impervious to the materials stored.
C7	All empty drums must be stored on a concrete hard-stand area with their closures in place.
C8	All spilled materials in bunded areas on the site must be cleaned up as soon as practicable

Agency interest: Schedule 1D - Noise

Condition number	Condition
D1	Precent the emission of noise, which causes or that is likely to cause a nuisance at any noise affected premises. Nuisance includes noise that is or is likely to be annoying, intrusive or offensive to a person or a nuisance in the opinion of an authorised person.
D2	Noise is NOT considered to be a nuisance under condition D1 if monitoring shows that noise does NOT exceed the following levels in the time periods specified in Schedule D Tables 1 and 2.

Schedule D – Table 1 – NOISE LIMITS (Noise Sensitive Place)

Noise Level dB(A) measured as	Noise measured at a “Noise Sensitive Place”					
	Monday to Saturday			Sunday and public holidays		
	7am – 6pm	6pm – 10pm	10pm – 7am	9am – 6pm	6pm – 10pm	10pm – 9am
L _A 10, adj, 10 mins	45	40	30	40	40	30
L _A 1, adj, 10 mins	50	45	35	45	45	35

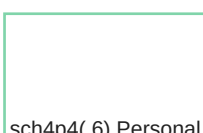
Schedule D – Table 2 – NOISE LIMITS (Commercial Place)						
Noise Level dB(A) measured as	Noise measured at a “Commercial Place”					
	Monday to Saturday			Sunday and public holidays		
	7am – 6pm	6pm – 10pm	10pm – 7am	9am – 6pm	6pm – 10pm	10pm – 9am
L _A 10, adj, 10 mins	55	45	35	45	45	35
L _A 1, adj, 10 mins	60	50	40	50	50	40

D3	<p>When requested by the Administering Authority noise monitoring must be undertaken to investigate any complaint of noise annoyance. Monitoring must include:</p> <ul style="list-style-type: none"> • L_A 10, adj, 10 mins; • L_A 1, adj, 10 mins; • The level and frequency of occurrence of impulsive or tonal noise. • atmospheric conditions including wind speed and direction; • effects due to extraneous factors such as traffic noise; • location, date and time of recording and • the method of measurement and reporting of noise levels must comply with the Environmental Protection Agency's Noise Measurement Manual, Third Edition, 1 March 2000, or more recent editions or supplements to that document as they become available.
Blasting	
D4	Noise from blasting operations must not, outside the most exposed part of an affected noise sensitive place, exceed an air blast overpressure of 115dB (Lin) Peak for 4 out of any 5 consecutive blasts.

Agency interest: Schedule 1E – Waste Management	
Condition number	Condition
General	
E1	All wastes generated in carrying out the environmentally relevant activities must be disposed of to an appropriate facility that accepts such wastes, unless otherwise specifically provided for under the conditions of this environmental authority.

E2	The registered operator must implement sampling and monitoring practices and procedures that will determine whether the material extracted during dredging is contaminated soil, due to the concentration of contaminants such as heavy metals, hydrocarbons or pesticides in the material.
E3	The registered operator must not: <ul style="list-style-type: none"> (i) allow waste to burn or be burned at or on the licensed place; nor (ii) remove waste from the licensed place and burn such waste elsewhere.
Regulated Waste Transport	
E4	Vehicles to be used in the transport of regulated waste must be registered with the administering authority ("the registered vehicles").
E5	Any vehicle registered with the administering authority may be replaced with another vehicle provided it is similar type and no less fit for the transportation of the regulated waste.
E6	The registered operator must supply details of changes to the vehicle fleet to the administering authority prior to the use of these vehicles for the transport of any regulated waste: <ul style="list-style-type: none"> • the intention to use the vehicle commencing not before a stated date; • the type of vehicle; • the make, model, year of manufacture and registration number of the vehicle; • the areas(s) in which the vehicle is intended to be used; • the depot(s) (if any) from which the vehicle will be operated; • regulated waste to be transported by these vehicles.
E7	Regulated waste is not permitted to be released from any vehicle other than at a place that can lawfully accept such waste.
E8	Any loss spillage of regulated wastes must be cleaned up forthwith.
Regulated Waste Transport – Insurance	
E9	The registered operator must hold and keep a current liability insurance policy with a third party property clause to cover costs of clean up or removal incurred by or on behalf of the administering authority as a result of fire, explosion, leakage or spillage of regulated waste as a result of any vehicle transporting regulated waste in the state of Queensland.
Agency interest: Schedule 1F – Land Application	
Condition number	Condition
F1	All disturbed areas (eg. Stockpile and screening areas) must be progressively re-profiled and stabilised to ensure that at the cessation of activities, erosion is minimised.

F2	The environmentally relevant activity must be carried out by such practicable means necessary to prevent the release or likelihood of release of contaminants to land which may cause land to be contaminated.
Site Rehabilitation	
F3	Completed extraction and dredging areas must be stabilised by landscaping or revegetating as soon as practicable after completion.
Agency interest: Schedule 1G – Community	
Condition number	Condition
G1	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.
G2	In consultation with the administering authority, cooperate with and participate in any community environmental group or organisation established in respect of either the approved place specifically, or the industrial estate where the approved place is located.



Schedule H - Definitions

Key terms and/or phrases used in this document are defined in this section. 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.

Approved place means the place to which this Environmental Authority relates.

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.

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.

Dust sensitive place means -

- a dwelling, mobile home or caravan park, residential marina or other residential place;
- a motel, hotel or hostel;
- a kindergarten, school, university or other educational institution;
- a medical centre or hospital;
- a protected area;
- a park or gardens; or
- a place used as an office or for business or commercial purposes.

and includes the curtilage of any such place.

Dwelling means any of the following structures or vehicles that is principally used as a residence-

- 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;
- a water craft in a marina.

Land in the 'land schedule' of this document means land excluding waters and the atmosphere.

Measures have the broadest interpretation and include 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.

Protected area means -

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

Regulated waste means non-domestic waste in Schedule 7 of the *Environmental Protection Regulation 2008* and includes:

- for an element – any chemical compound containing the element; and
- anything that has contained a regulated waste; and
- regulated waste that has been treated or immobilised.

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)

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.

Noise Definitions

L_A 10, adj, 10 mins means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 10% of any 10 minute measurement period, using Fast response.

L_A 1, adj, 10 mins means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 1% of any 10 minute measurement period, using Fast response.

Noise affected premises means a "noise sensitive place" or a "commercial place"

Noise sensitive place means –

- a dwelling, 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; or
- a park or gardens.

Intrusive noise – means noise that, because of its frequency, duration, level, tonal characteristics, impulsiveness or vibration –

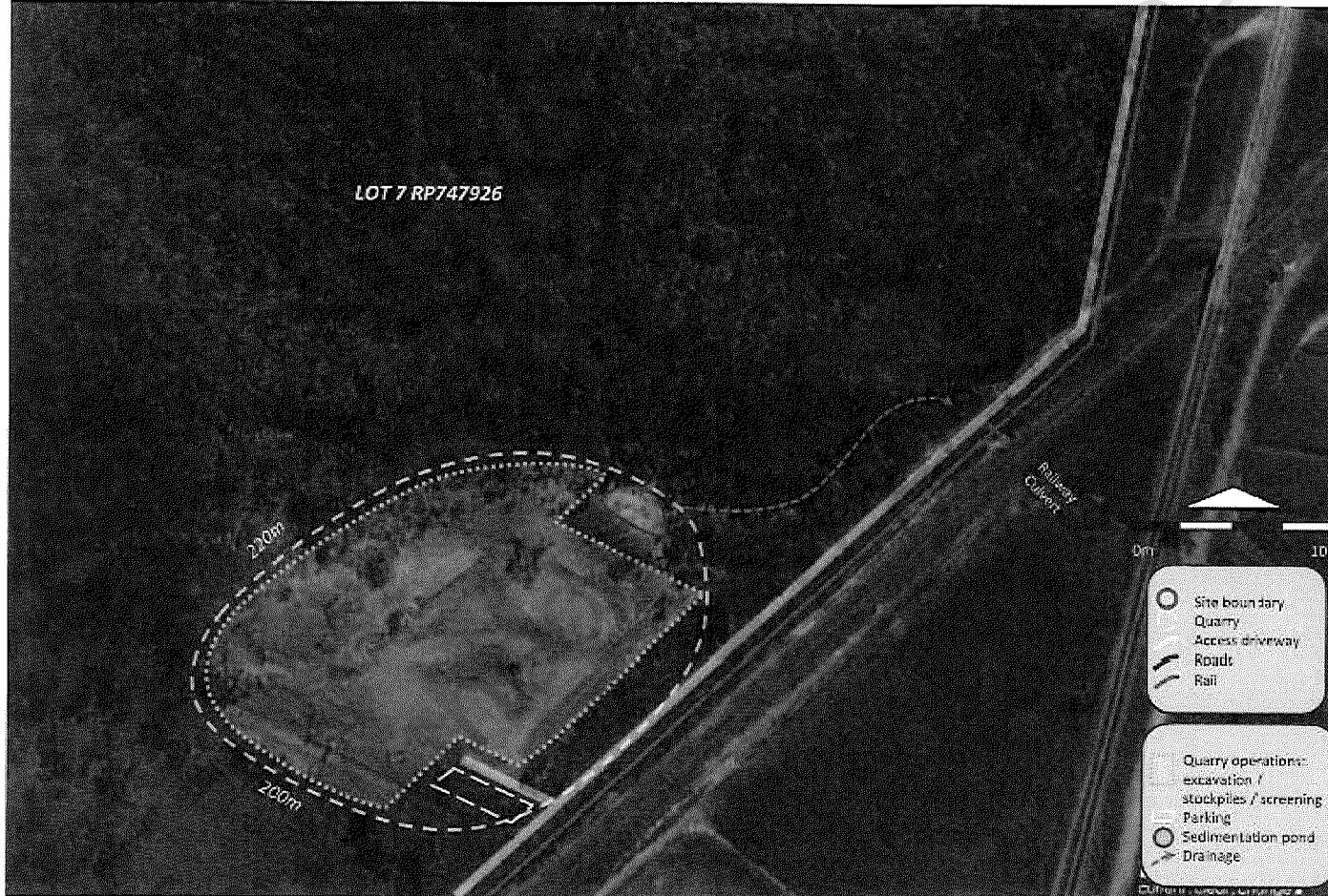
- is clearly audible to, or can be felt by, an individual;
- and annoys the individual.

In determining whether a noise annoys an individual and is unreasonably intrusive, regard must be given to Australian Standard 1055.2 – 1997 Acoustics – Description and Measurement of Environmental Noise Part 2 – Application to Specific Situations.

END OF CONDITIONS

Published on DES Disclosure Log
RTI Act 2009

Schedule 1 - Koumala Quarry – Quarry Layout Plan - Area within which activities associated with this approval are to be conducted (see Condition G1). The approved area is marked with the outermost large dotted grey line.



END OF PERMIT



LOT 7 RP747926, BRUCE HIGHWAY, KOUMALA
**KOUMALA QUARRY
QUARRY LAYOUT PLAN**

FILENAME >	QUARRY LAYOUT PLAN	DATE >	09 OCT 2014
JOB NO. >	HRP14119	APPROVED >	
SCALE >		VERSION >	M1
SOURCE >	NEARMAPS 2014		



Department of
**Environment and
Heritage Protection**

13-APR-2016

To: Holcim (Australia) Pty Ltd
Attn: Environmental Coordinator
PO BOX 1143
MILTON QLD 4064

Email: [Section.78B\(2\)@holcim.com](mailto:Section.78B(2)@holcim.com)

Your reference: EPPR00556813
Our reference: 225233

Application details

I refer to the partial transfer application that was received by the administering authority on 29-MARCH-2016 to transfer Bailies Quarry (previously known as Oonooie Quarry on Lot 11 on Plan RP748341) to Linthwaite Earthmoving Pty Ltd.

Land description: Baillie's quarry, SARINA QLD Lot 11. Plan RP748341

Decision

Your application has been approved and your environmental authority (reference EPPR00556813) is attached.

Additional comments or advice

This permit only provides an approval under the *Environmental Protection Act 1994*. In order to lawfully operate you may also require permits / approvals from your local government authority and other State Government agencies prior to commencing any activity at the site. For example, this may include permits / approvals with your local Council (for planning approval), the Department of Transport and Main Roads (to access state controlled roads), the Department of Natural Resources and Mines (to clear vegetation), and the Department of Agriculture Forestry and Fisheries (to clear marine plants or to obtain a quarry material allocation).

If you are operating a quarry, other than a sand and gravel quarry where there is no crushing capability, you will be required to comply with the *Mining and Quarrying Safety and Health Act 1999*. For more information on your obligations under this legislation contact Mine Safety and Health at www.dnrm.qld.gov.au, or phone 13 QGOV (13 74 68) or your local Mines Inspectorate Office.

Should you have any further enquiries, please contact Diana Gutierrez on telephone (07) 4699 4374.

Yours sincerely

Peta Louise Sutton
ES - Reg Serv - Western - Twba - EPA
PO Box 731
TOOWOOMBA QLD 4350
Phone: (07) 4699 4333
Fax: (07) 4699 4388
Email: peta.sutton@ehp.qld.gov.au
Website www.ehp.qld.gov.au
ABN 46 640 294 485
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			13/4/2016
	sch4p4(6) Personal Information Signature		Date

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

Enclosed

Permit - environmental authority (reference EPPR00556813)

Department of Environment and Heritage Protection

Permit¹

Environmental Protection Act 1994

Environmental authority – EPPR00556813

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

Permit¹ number: EPPR00556813

Environmental authority takes effect on 13-APR-2016.

The anniversary date of this environmental authority remains as 31 May. An annual return and the payment of the annual fee will be due each year on this day.

Environmental authority holder(s)

Name	Principal address
Holcim (Australia) Pty Ltd	Level 3, 18 Little Cribb Street MILTON QLD 4064

Environmentally relevant activity and location details

Environmentally relevant activity(ies)	Location(s)
16-(1b) Dredging >10000t but <100000t yr	Alligator Creek, Bruce Highway, Balberra - Lot 105 Plan CI4435
16-(2a) Extractive >5000t but <100000t yr 16-(3a) Screening >5000t but <100000t yr	Keating's quarry and Sarina, 90365 Bruce Highway - Lot 106 Plan SP177284
16-(1b) Dredging >10000t but <100000t yr 16-(3a) Screening >5000t but <100000t yr	Pioneer River and Mia Mia - Lot 4 Plan RP714289

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.

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

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

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').

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Tariq Khan
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)

Conditions of environmental authority

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: Schedule A – General Conditions	
Condition number	Condition
A1	<p>The registered operator must ensure that any person who they allow or employ to carry out the activities permitted by this approved:</p> <p>(a) is competent, or under the supervision of a person who is competent, to carry out the activities;</p> <p>(b) understands the conditions of this Environmental Authority (EA).</p>
Prevent and/or Minimise Likelihood of Environmental Harm	
A2	<p>Notwithstanding any other requirements of this document, all reasonable and practicable measures must be taken to prevent and/or to minimise the likelihood of environmental harm being caused when carrying out the environmentally relevant activity.</p>

Site Based Management Plan	
A3	From commencement of the activity, implement the Site Based Management Plan (SBMP's) that identifies the actual and potential release of ALL contaminants, their subsequent environmental impacts and all corrective and preventive measures that will be taken to prevent and/or minimise the likelihood of environmental harm. The SBMP's must also provide for the review and "continual improvement" in the overall environmental performance of all Environmentally Relevant Activities that are carried out. Any amendments to the SBMP's must be submitted to the administering authority on or before the date of the annual return.
Dredging	
A4	The only form of dredging to be carried out is sand and gravel extraction at the sites listed in this environmental authority. Sand extraction from tidal waters (including seas) shall only be undertaken during period of low tides, when tidal sands are exposed to the air.
A5	The dredging activity and any disturbance to flora and fauna (both aquatic and terrestrial), sand, gravel and clay in the bed of the waters must only be carried out in the licensed area listed in this Environmental Authority.
A6	The only areas permitted to be dredged under this Environmental Authority are those listed in this Environmental Authority.
A7	The placement of dredged matter may only occur to those areas designed in the site based management plans.
A8	During November to February and prior to commencing dredging of tidal sands (including seas), the registered operator or their representative shall inspect the access track for turtle nesting sites, each day. If a nest is found within four meters of the access track, the registered operator or their representative shall immediately contact Queensland Parks and Wildlife service. No dredging operation shall be undertaken until approved by the Regional Service Director (Central Region) Queensland Parks and Wildlife service or his delegate.
Extraction	
A9	The extraction activity and any disturbance to flora and fauna (both aquatic and terrestrial) must only be carried out in the licensed area listed in this Environmental Authority.
A10	The only areas permitted for extracting rock under this Environmental Authority are those listed in this Environmental Authority.

Regulated Waste Transport	
A11	The registered operator is approved to undertake the transport of distillery residues, food processing waste, septic waste and oily liquid waste listed as 'regulated waste' in schedule 7 of the <i>Environmental Protection Regulations 1998</i> .
Acid Sulphate Soils (ASS)	
A12	You must comply with 'Guidelines For the Treatment and Management of Acid Sulfate Soils 2000', Queensland Government Environmental Protection Agency.
Notification	
A13	Notify the administering authority as soon as practicable when the release of contaminants is not in accordance with the conditions on this document or any event where environmental harm may be threatened.
A14	Written advice of the following information must be provided within fourteen (14) days following any event as identified in condition number (A13): <ul style="list-style-type: none"> the location of the event; the time of the event; the time the holder of the environmental authority became aware of the event; the suspect cause of the event; a description of the resulting effects of the event; actions taken to mitigate any environmental harm and or environmental nuisance caused by the event, and proposed actions to prevent a recurrence of the event.
Monitoring	
A15	Record, compile and keep all monitoring results required by this document and present this information to the administering authority when requested, in a specified format.
Records	
A16	Any records or documents required to be kept by a condition of this Environmental Authority must be kept at the approved place for a period of at least five years and be available for examination by an authorised person. The record retention requirements of this condition will be satisfied if any daily and weekly records are kept for a period of at least three (3) years and these records are then kept in the form of annual summaries after that period.

Alterations	
A17	No change, replacement or operation of any plant or equipment is permitted if the change, replacement or operation of the plant or equipment increases, or is likely to substantially increase, the risk of environmental harm above that expressly provided by this environmental authority.
Erosion and sediment control	
A18	Erosion and sediment control measures must be maintained at all the times during periods the environmentally relevant activities are carried out and during rehabilitation. Procedures must be implemented to check and, if necessary, repair or replace the erosion control and sediment control measures after each rain event likely adversely affect the efficiency of those measures.
Agency interest: Schedule B - Air	
Condition number	Condition
B1	Prevent the release of odour, dust and/or particulate matter, spray-drift, smoke, aerosols, or fumes which cause or are likely to cause a nuisance. Nuisance includes the release of contaminants that are likely to be offensive to a person or a nuisance in the opinion of an authorised person.
B2	<p>Dust is not considered to be a nuisance under condition B1 if monitoring shows that dust and/or particulate matter did or does NOT exceed the following limits at the boundary of any affected dust sensitive place:</p> <ul style="list-style-type: none"> Dust deposition of 120 milligrams per square metre per day, when monitored in accordance with Australian Standard AS 3580.10 of 1991; AND A concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (µm) (PM10) suspended in the atmosphere of 150 micrograms per cubic metre over a 24 hour averaging time, at the boundary of any affected dust sensitive place downwind of the premises to which this Environmental Authority relates, when monitored in accordance with: <ul style="list-style-type: none"> Australian Standard AS 3580.9.6 "Ambient air – Particulate matter – Determination of suspended particulate PM10 high-volume sampler with size-selective inlet-Gravimetric method"; or 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.
Materials Handling	
B3	All practicable measures must be taken to minimise the generation of wind-borne dust during operation of external material stockpiles.
B4	Watering of internal roads shall be carried out so as to minimise the release of dust and particulate matter to the atmosphere.

Loss of materials during transit	
B5	Trucks and vehicles transporting material from the dredging sites or screening premises which is liable to generate dust during transit, must either be covered immediately after loading or pass under water sprays to minimise wind-blown releases and spillage. Any covering must be maintained until immediately before unloading the truck or vehicle.
Agency interest: Schedule C - Water	
Condition number	Condition
Release of Contaminants to Waters	
C1	Contaminants must not be directly or indirectly released from the approved place to any waters or the bed and banks of any waters except to a sewer as permitted or otherwise agreed from time to time by the relevant Local Government.
C2	Prevent erosion that may result in the release of sediment to waters.
C3	The environmentally relevant activities must be carried out in such a manner that any release of contaminants caused by activities must: <ul style="list-style-type: none"> (a) be minimised to the greatest practicable extent; and (b) not produce any slick or other visible evidence of oil or grease, nor contain visible floating oil, grease, scum, litter or other objectionable matter.
Release of Contaminants to Stormwater	
C4	The registered operator must ensure that no contaminated stormwater directly or indirectly is released from the licensed places to any waters or the bed and banks of any waters.
Bunding	
C5	All petroleum product storage tanks must be bunded so that the capacity of the bund is sufficient to contain at least 100% of the largest tank plus 10% of the second largest tank within the bund.
C6	All bunding must be constructed of materials which are impervious to the materials stored.
C7	All empty drums must be stored on a concrete hard-stand area with their closures in place.
C8	All spilled materials in bunded areas on the site must be cleaned up as soon as practicable

Agency interest: Schedule D - Noise	
Condition number	Condition
D1	Prevent the emission of noise, which causes or that is likely to cause a nuisance at any noise affected premises. Nuisance includes noise that is or is likely to be annoying, intrusive or offensive to a person or a nuisance in the opinion of an authorised person.
D2	Noise is NOT considered to be a nuisance under condition D1 if monitoring shows that noise does NOT exceed the following levels in the time periods specified in Schedule D Tables 1 and 2.

Schedule D – Table 1 – NOISE LIMITS (Noise Sensitive Place)

Noise Level dB(A) measured as	Noise measured at a “ <u>Noise Sensitive Place</u> ”					
	Monday to Saturday			Sunday and public holidays		
	7am – 6pm	6pm – 10pm	10pm – 7am	9am – 6pm	6pm – 10pm	10pm – 9am
L _A 10, adj, 10 mins	45	40	30	40	40	30
L _A 1, adj, 10 mins	50	45	35	45	45	35

Schedule D – Table 2 – NOISE LIMITS (Commercial Place)

Noise Level dB(A) measured as	Noise measured at a “ <u>Commercial Place</u> ”					
	Monday to Saturday			Sunday and public holidays		
	7am – 6pm	6pm – 10pm	10pm – 7am	9am – 6pm	6pm – 10pm	10pm – 9am
L _A 10, adj, 10 mins	55	45	35	45	45	35
L _A 1, adj, 10 mins	60	50	40	50	50	40

D3	<p>When requested by the Administering Authority noise monitoring must be undertaken to investigate any complaint of noise annoyance. Monitoring must include:</p> <ul style="list-style-type: none"> • L_A 10, adj, 10 mins; • L_A 1, adj, 10 mins; • The level and frequency of occurrence of impulsive or tonal noise; • atmospheric conditions including wind speed and direction; • effects due to extraneous factors such as traffic noise; • location, date and time of recording; and • the method of measurement and reporting of noise levels must comply with the Environmental Protection Agency's Noise Measurement Manual, Third Edition, 1 March 2000, or more recent editions or supplements to that document as they become available.
Blasting	
D4	Noise from blasting operations must not, outside the most exposed part of an affected noise sensitive place, exceed an air blast overpressure of 115dB (Lin) Peak for 4 out of any 5 consecutive blasts.
Agency interest: Schedule E – Waste Management	
Condition number	Condition
General	
E1	All wastes generated in carrying out the environmentally relevant activities must be disposed of to an appropriate facility that accepts such wastes, unless otherwise specifically provided for under the conditions of this environmental authority.
E2	The registered operator must implement sampling and monitoring practices and procedures that will determine whether the material extracted during dredging is contaminated soil, due to the concentration of contaminants such as heavy metals, hydrocarbons or pesticides in the material.
E3	<p>The registered operator must not:</p> <ul style="list-style-type: none"> (i) allow waste to burn or be burned at or on the licensed place; nor (ii) remove waste from the licensed place and burn such waste elsewhere.
Regulated Waste Transport	
E4	Vehicles to be used in the transport of regulated waste must be registered with the administering authority ("the registered vehicles").

E5	Any vehicle registered with the administering authority may be replaced with another vehicle provided it is similar type and no less fit for the transportation of the regulated waste.
E6	<p>The registered operator must supply details of changes to the vehicle fleet to the administering authority prior to the use of these vehicles for the transport of any regulated waste:</p> <ul style="list-style-type: none"> the intention to use the vehicle commencing not before a stated date; the type of vehicle; the make, model, year of manufacture and registration number of the vehicle; the areas(s) in which the vehicle is intended to be used; the depot(s) (if any) from which the vehicle will be operated; regulated waste to be transported by these vehicles.
E7	Regulated waste is not permitted to be released from any vehicle other than at a place that can lawfully accept such waste.
E8	Any loss spillage of regulated wastes must be cleaned up forthwith.
Regulated Waste Transport – Insurance	
E9	The registered operator must hold and keep a current liability insurance policy with a third party property clause to cover costs of clean up or removal incurred by or on behalf of the administering authority as a result of fire, explosion, leakage or spillage of regulated waste as a result of any vehicle transporting regulated waste in the state of Queensland.
Agency interest: Schedule F – Land Application	
Condition number	Condition
F1	All disturbed areas (eg. Stockpile and screening areas) must be progressively re-profiled and stabilised to ensure that at the cessation of activities, erosion is minimised.
F2	The environmentally relevant activity must be carried out by such practicable means necessary to prevent the release or likelihood of release of contaminants to land which may cause land to be contaminated.
Site Rehabilitation	
F3	Completed extraction and dredging areas must be stabilised by landscaping or revegetating as soon as practicable after completion.

Agency interest: Schedule G – Community	
Condition number	Condition
G1	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.
G2	In consultation with the administering authority, cooperate with and participate in any community environmental group or organisation established in respect of either the approved place specifically, or the industrial estate where the approved place is located.

Schedule H - Definitions

Key terms and/or phrases used in this document are defined in this section. 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.

Approved place means the place to which this Environmental Authority relates.

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.

Dust sensitive place means -

- a dwelling, mobile home or caravan park, residential marina or other residential place;
- a motel, hotel or hostel;
- a kindergarten, school, university or other educational institution;
- a medical centre or hospital;
- a protected area;
- a park or gardens; or
- a place used as an office or for business or commercial purposes.

and includes the curtilage of any such place.

Dwelling means any of the following structures or vehicles that is principally used as a residence-

- 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;
- a water craft in a marina.

Land in the 'land schedule' of this document means land excluding waters and the atmosphere.

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

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

Protected area means -

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

Regulated waste means non-domestic waste in Schedule 7 of the *Environmental Protection Regulation 2008* and includes:

- for an element - any chemical compound containing the element; and
- anything that has contained a regulated waste; and
- regulated waste that has been treated or immobilised.

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)

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.

L_A 10, adj, 10 mins means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 10% of any 10 minute measurement period, using Fast response.

L_A 1, adj, 10 mins means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 1% of any 10 minute measurement period, using Fast response.

Noise affected premises means a "noise sensitive place" or a "commercial place"

Noise sensitive place means –

- a dwelling, 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; or
- a park or gardens.

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, regard must be given to Australian Standard 1055.2 – 1997 Acoustics – Description and Measurement of Environmental Noise Part 2 – Application to Specific Situations.

END OF PERMIT



Department of
**Environment and
Heritage Protection**

13-APR-2016

To: Holcim (Australia) Pty Ltd
Attn: Environmental Coordinator
PO BOX 1143
MILTON QLD 4064

Email: [Section.78B\(2\)@holcim.com](mailto:Section.78B(2)@holcim.com)

Your reference: EPPR00556813
Our reference: 225233

Application details

I refer to the partial transfer application that was received by the administering authority on 29-MARCH-2016 to transfer Bailies Quarry (previously known as Oonooie Quarry on Lot 11 on Plan RP748341) to Linthwaite Earthmoving Pty Ltd.

Land description: Baillie's quarry, SARINA QLD Lot 11. Plan RP748341

Decision

Your application has been approved and your environmental authority (reference EPPR00556813) is attached.

Additional comments or advice

This permit only provides an approval under the *Environmental Protection Act 1994*. In order to lawfully operate you may also require permits / approvals from your local government authority and other State Government agencies prior to commencing any activity at the site. For example, this may include permits / approvals with your local Council (for planning approval), the Department of Transport and Main Roads (to access state controlled roads), the Department of Natural Resources and Mines (to clear vegetation), and the Department of Agriculture Forestry and Fisheries (to clear marine plants or to obtain a quarry material allocation).

If you are operating a quarry, other than a sand and gravel quarry where there is no crushing capability, you will be required to comply with the *Mining and Quarrying Safety and Health Act 1999*. For more information on your obligations under this legislation contact Mine Safety and Health at www.dnrm.qld.gov.au, or phone 13 QGOV (13 74 68) or your local Mines Inspectorate Office.

Should you have any further enquiries, please contact Diana Gutierrez on telephone (07) 4699 4374.

Yours sincerely

Peta Louise Sutton
ES - Reg Serv - Western - Twba - EPA
PO Box 731
TOOWOOMBA QLD 4350
Phone: (07) 4699 4333
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Email: peta.sutton@ehp.qld.gov.au
Website www.ehp.qld.gov.au
ABN 46 640 294 485
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sch4b4(6) Personal Information
Signature
Date

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

Enclosed

Permit - environmental authority (reference EPPR00556813)

Environmental authority - EPPR02588314

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

Permit¹ number: EPPR02588314

Environmental authority takes effect on 13-APR-2016.

The anniversary date of this environmental authority remains as 20 November. An annual return and the payment of the annual fee will be due each year on this day.

Environmental authority holder(s)

Name	Principal address
Linthwaite Earthmoving Pty Ltd	172 Bolinbroke Road KOUMALA QLD 4738

Environmentally relevant activity and location details

Environmentally relevant activity(ies)	Location(s)
16-(2a) Extractive >5000t but <100,000t/yr 16-(3a) Screening >5000t but <100,000t/yr	Lot 7 Bruce Highway Koumala - Lot 7 Plan RP747926
	Baillie's quarry, SARINA QLD Lot 11 Plan RP748341

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').

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Signature	Date

Tariq Khan
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)

Conditions of environmental authority

Location: 172 Bolinbroke Road, KOUMALA QLD 4738
Bruce Highway Koumala - Lot 7 Plan RP747926

Relevant activity/ies:

16-(2a) Extractive >5000t but <100,000t/yr
16-(3a) Screening >5000t but <100,000t/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 the following limitation: 1. Activities are to be conducted within the boundary identified in Schedule 1 – 'Koumala Quarry – Quarry Layout Plan', marked by the outermost large dotted grey line.
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	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.

G5	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.
G6	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.
G7	The activity must be undertaken in accordance with written procedures that: <ol style="list-style-type: none"> 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 <i>Environmental Protection Act 1994</i>; 6. ensure that reviews of environmental performance are undertaken at least annually.
G8	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 or the bed and banks of any waters .
WT2	Erosion and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment.
WT3	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 from the activity must not cause nuisance at a sensitive place or commercial place .
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: <ul style="list-style-type: none"> 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.
L4	Before surrendering this environmental authority the site must be rehabilitated to achieve a safe, stable, non-polluting landform and landuse.
L5	Treatment and management of acid sulfate soils must comply with the current edition of the <i>Queensland Acid Sulfate Soil Technical Manual</i> .
Agency interest: Waste	
Condition number	Condition
WS1	All waste generated in carrying out the activity must be reused, recycled or removed to a facility that can lawfully accept the waste.
WS2	Waste must not be burnt on-site.

Location: Baillie's quarry, Oonooie, SARINA QLD
Lot 11 Plan RP748341

Relevant activity/ies:

- 16-(2a) Extractive >5000t but <100,000t/yr
- 16-(3a) Screening >5000t but <100,000t/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: Schedule 1A – General Conditions	
Condition number	Condition
A1	<p>The registered operator must ensure that any person who they allow or employ to carry out the activities permitted by this approved:</p> <ul style="list-style-type: none"> (a) is competent, or under the supervision of a person who is competent, to carry out the activities; (b) understands the conditions of this Environmental Authority (EA)
Prevent and/or Minimise Likelihood of Environmental Harm	
A2	Notwithstanding any other requirements of this document, all reasonable and practicable measures must be taken to prevent and/or to minimise the likelihood of environmental harm being caused when carrying out the environmentally relevant activity.
Site Based Management Plan	
A3	From commencement of the activity, implement the Site Based Management Plan (SBMP's) that identifies the actual and potential release of ALL contaminants, their subsequent environmental impacts and all corrective and preventive measures that will be taken to prevent and/or minimise the likelihood of environmental harm. The SBMP's must also provide for the review and "continual improvement" in the overall environmental performance of all Environmentally Relevant Activities that are carried out. Any amendments to the SBMP's must submitted to the administering authority on or before the date of the annual return.
Dredging	
A4	The only form of dredging to be carried out is sand and gravel extraction at the sites listed in this environmental authority. Sand extraction from tidal waters (including seas) shall only be undertaken during period of low tides, when tidal sands are exposed to the air.
A5	The dredging activity and any disturbance to flora and fauna (both aquatic and terrestrial), sand, gravel and clay in the bed of the waters must only be carried out in the licensed area listed in this Environmental Authority.

A6	The only areas permitted to be dredged under this Environmental Authority are those listed in this Environmental Authority.
A7	The placement of dredged matter may only occur to those areas designed in the site based management plans.
A8	During November to February and prior to commencing dredging of tidal sands (including seas), the registered operator or their representative shall inspect the access track for turtle nesting sites, each day. If a nest is found within four meters of the access track, the registered operator or their representative shall immediately contact Queensland Parks and Wildlife service. No dredging operation shall be undertaken until approved by the Regional Service Director (Central Region) Queensland Parks and Wildlife service or his delegate.
Extraction	
A9	The extraction activity and any disturbance to flora and fauna (both aquatic and terrestrial) must only be carried out in the licensed area listed in this Environmental Authority.
A10	The only areas permitted for extracting rock under this Environmental Authority are those listed in this Environmental Authority.
Regulated Waste Transport	
A11	The registered operator is approved to undertake the transport of distillery residues, food processing waste, septic waste and oily liquid waste listed as 'regulated waste' in schedule 7 of the <i>Environmental Protection Regulations 1998</i> .
Acid Sulphate Soils (ASS)	
A12	You must comply with 'Guidelines For the Treatment and Management of Acid Sulfate Soils 2000', Queensland Government Environmental Protection Agency
Notification	
A13	Notify the administering authority as soon as practicable when the release of contaminants is not in accordance with the conditions on this document or any event where environmental harm may be threatened

A14	<p>Written advice of the following information must be provided within fourteen (14) days following any event as identified in condition number (A13):</p> <ul style="list-style-type: none"> the location of the event; the time of the event; the time the holder of the environmental authority became aware of the event; the suspect cause of the event; a description of the resulting effects of the event; actions taken to mitigate any environmental harm and or environmental nuisance caused by the event, and proposed actions to prevent a recurrence of the event.
Monitoring	
A15	Record, compile and keep all monitoring results required by this document and present this information to the administering authority when requested, in a specified format.
Records	
A16	Any records or documents required to be kept by a condition of this Environmental Authority must be kept at the approved place for a period of at least five years and be available for examination by an authorised person. The record retention requirements of this condition will be satisfied if any daily and weekly records are kept for a period of at least three (3) years and these records are then kept in the form of annual summaries after that period.
Alterations	
A17	No change, replacement or operation of any plant or equipment is permitted if the change, replacement or operation of the plant or equipment increases, or is likely to substantially increase, the risk of environmental harm above that expressly provided by this environmental authority.
Erosion and sediment control	
A18	Erosion and sediment control measures must be maintained at all the times during periods the environmentally relevant activities are carried out and during rehabilitation. Procedures must be implemented to check and, if necessary, repair or replace the erosion control and sediment control measures after each rain event likely adversely affect the efficiency of those measures.
Agency interest: Schedule 1B - Air	
Condition number	Condition
B1	Prevent the release of odour, dust and/or particulate matter, spray-drift, smoke, aerosols, or fumes which cause or are likely to cause a nuisance. Nuisance includes the release of contaminants that are likely to be offensive to a person or a nuisance in the opinion of an authorised person.

B2	<p>Dust is not considered to be a nuisance under condition B1 if monitoring shows that dust and/or particulate matter did or does NOT exceed the following limits at the boundary of any affected dust sensitive place:</p> <ul style="list-style-type: none"> Dust deposition of 120 milligrams per square metre per day, when monitored in accordance with Australian Standard AS 3580.10 of 1991; AND A concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (µm) (PM10) suspended in the atmosphere of 150 micrograms per cubic metre over a 24 hour averaging time, at the boundary of any affected dust sensitive place downwind of the premises to which this Environmental Authority relates, when monitored in accordance with: <ul style="list-style-type: none"> Australian Standard AS 3580.9.6 "Ambient air – Particulate matter – Determination of suspended particulate PM10 high-volume sampler with size-selective inlet-Gravimetric method"; or 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.
Materials Handling	
B3	All practicable measures must be taken to minimise the generation of wind-borne dust during operation of external material stockpiles.
B4	Watering of internal roads shall be carried out so as to minimise the release of dust and particulate matter to the atmosphere.
Loss of materials during transit	
B5	Trucks and vehicles transporting material from the dredging sites or screening premises which is liable to generate dust during transit, must either be covered immediately after loading or pass under water sprays to minimise wind-blown releases and spillage. Any covering must be maintained until immediately before unloading the truck or vehicle.
Agency interest: Schedule 1C - Water	
Condition number	Condition
Release of Contaminants to Waters	
C1	Contaminants must not be directly or indirectly released from the approved place to any waters or the bed and banks of any waters except to a sewer as permitted or otherwise agreed from time to time by the relevant Local Government.
C2	Prevent erosion that may result in the release of sediment to waters.

C3	<p>The environmentally relevant activities must be carried out in such a manner that any release of contaminants caused by activities must:</p> <p>(a) be minimised to the greatest practicable extent; and</p> <p>(b) not produce any slick or other visible evidence of oil or grease, nor contain visible floating oil, grease, scum, litter or other objectionable matter.</p>
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Release of Contaminants to Stormwater

C4	The registered operator must ensure that no contaminated stormwater directly or indirectly is released from the licensed places to any waters or the bed and banks of any waters.
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Bunding

C5	All petroleum product storage tanks must be bunded so that the capacity of the bund is sufficient to contain at least 100% of the largest tank plus 10% of the second largest tank within the bund.
C6	All bunding must be constructed of materials which are impervious to the materials stored.
C7	All empty drums must be stored on a concrete hard-stand area with their closures in place.
C8	All spilled materials in bunded areas on the site must be cleaned up as soon as practicable

Agency interest: Schedule 1D - Noise

Condition number	Condition
D1	Precent the emission of noise, which causes or that is likely to cause a nuisance at any noise affected premises. Nuisance includes noise that is or is likely to be annoying, intrusive or offensive to a person or a nuisance in the opinion of an authorised person.
D2	Noise is NOT considered to be a nuisance under condition D1 if monitoring shows that noise does NOT exceed the following levels in the time periods specified in Schedule D Tables 1 and 2.

Schedule D – Table 1 – NOISE LIMITS (Noise Sensitive Place)

Noise Level dB(A) measured as	Noise measured at a “Noise Sensitive Place”					
	Monday to Saturday			Sunday and public holidays		
	7am – 6pm	6pm – 10pm	10pm – 7am	9am – 6pm	6pm – 10pm	10pm – 9am
L _A 10, adj, 10 mins	45	40	30	40	40	30
L _A 1, adj, 10 mins	50	45	35	45	45	35

Schedule D – Table 2 – NOISE LIMITS (Commercial Place)						
Noise Level dB(A) measured as	Noise measured at a “Commercial Place”					
	Monday to Saturday			Sunday and public holidays		
	7am – 6pm	6pm – 10pm	10pm – 7am	9am – 6pm	6pm – 10pm	10pm – 9am
L _A 10, adj, 10 mins	55	45	35	45	45	35
L _A 1, adj, 10 mins	60	50	40	50	50	40

D3	<p>When requested by the Administering Authority noise monitoring must be undertaken to investigate any complaint of noise annoyance. Monitoring must include:</p> <ul style="list-style-type: none"> • L_A 10, adj, 10 mins; • L_A 1, adj, 10 mins; • The level and frequency of occurrence of impulsive or tonal noise. • atmospheric conditions including wind speed and direction; • effects due to extraneous factors such as traffic noise; • location, date and time of recording and • the method of measurement and reporting of noise levels must comply with the Environmental Protection Agency's Noise Measurement Manual, Third Edition, 1 March 2000, or more recent editions or supplements to that document as they become available.
Blasting	
D4	Noise from blasting operations must not, outside the most exposed part of an affected noise sensitive place, exceed an air blast overpressure of 115dB (Lin) Peak for 4 out of any 5 consecutive blasts.

Agency interest: Schedule 1E – Waste Management	
Condition number	Condition
General	
E1	All wastes generated in carrying out the environmentally relevant activities must be disposed of to an appropriate facility that accepts such wastes, unless otherwise specifically provided for under the conditions of this environmental authority.

E2	The registered operator must implement sampling and monitoring practices and procedures that will determine whether the material extracted during dredging is contaminated soil, due to the concentration of contaminants such as heavy metals, hydrocarbons or pesticides in the material.
E3	The registered operator must not: <ul style="list-style-type: none"> (i) allow waste to burn or be burned at or on the licensed place; nor (ii) remove waste from the licensed place and burn such waste elsewhere.
Regulated Waste Transport	
E4	Vehicles to be used in the transport of regulated waste must be registered with the administering authority ("the registered vehicles").
E5	Any vehicle registered with the administering authority may be replaced with another vehicle provided it is similar type and no less fit for the transportation of the regulated waste.
E6	The registered operator must supply details of changes to the vehicle fleet to the administering authority prior to the use of these vehicles for the transport of any regulated waste: <ul style="list-style-type: none"> • the intention to use the vehicle commencing not before a stated date; • the type of vehicle; • the make, model, year of manufacture and registration number of the vehicle; • the areas(s) in which the vehicle is intended to be used; • the depot(s) (if any) from which the vehicle will be operated; • regulated waste to be transported by these vehicles.
E7	Regulated waste is not permitted to be released from any vehicle other than at a place that can lawfully accept such waste.
E8	Any loss spillage of regulated wastes must be cleaned up forthwith.
Regulated Waste Transport – Insurance	
E9	The registered operator must hold and keep a current liability insurance policy with a third party property clause to cover costs of clean up or removal incurred by or on behalf of the administering authority as a result of fire, explosion, leakage or spillage of regulated waste as a result of any vehicle transporting regulated waste in the state of Queensland.
Agency interest: Schedule 1F – Land Application	
Condition number	Condition
F1	All disturbed areas (eg. Stockpile and screening areas) must be progressively re-profiled and stabilised to ensure that at the cessation of activities, erosion is minimised.

F2	The environmentally relevant activity must be carried out by such practicable means necessary to prevent the release or likelihood of release of contaminants to land which may cause land to be contaminated.
Site Rehabilitation	
F3	Completed extraction and dredging areas must be stabilised by landscaping or revegetating as soon as practicable after completion.
Agency interest: Schedule 1G – Community	
Condition number	Condition
G1	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.
G2	In consultation with the administering authority, cooperate with and participate in any community environmental group or organisation established in respect of either the approved place specifically, or the industrial estate where the approved place is located.

Schedule H - Definitions

Key terms and/or phrases used in this document are defined in this section. 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.

Approved place means the place to which this Environmental Authority relates.

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.

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.

Dust sensitive place means -

- a dwelling, mobile home or caravan park, residential marina or other residential place;
- a motel, hotel or hostel;
- a kindergarten, school, university or other educational institution;
- a medical centre or hospital;
- a protected area;
- a park or gardens; or
- a place used as an office or for business or commercial purposes.

and includes the curtilage of any such place.

Dwelling means any of the following structures or vehicles that is principally used as a residence-

- 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;
- a water craft in a marina.

Land in the 'land schedule' of this document means land excluding waters and the atmosphere.

Measures have the broadest interpretation and include 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.

Protected area means -

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

Regulated waste means non-domestic waste in Schedule 7 of the *Environmental Protection Regulation 2008* and includes:

- for an element – any chemical compound containing the element; and
- anything that has contained a regulated waste; and
- regulated waste that has been treated or immobilised.

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)

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.

Noise Definitions

L_A 10, adj, 10 mins means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 10% of any 10 minute measurement period, using Fast response.

L_A 1, adj, 10 mins means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 1% of any 10 minute measurement period, using Fast response.

Noise affected premises means a "noise sensitive place" or a "commercial place"

Noise sensitive place means –

- a dwelling, 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; or
- a park or gardens.

Intrusive noise – means noise that, because of its frequency, duration, level, tonal characteristics, impulsiveness or vibration –

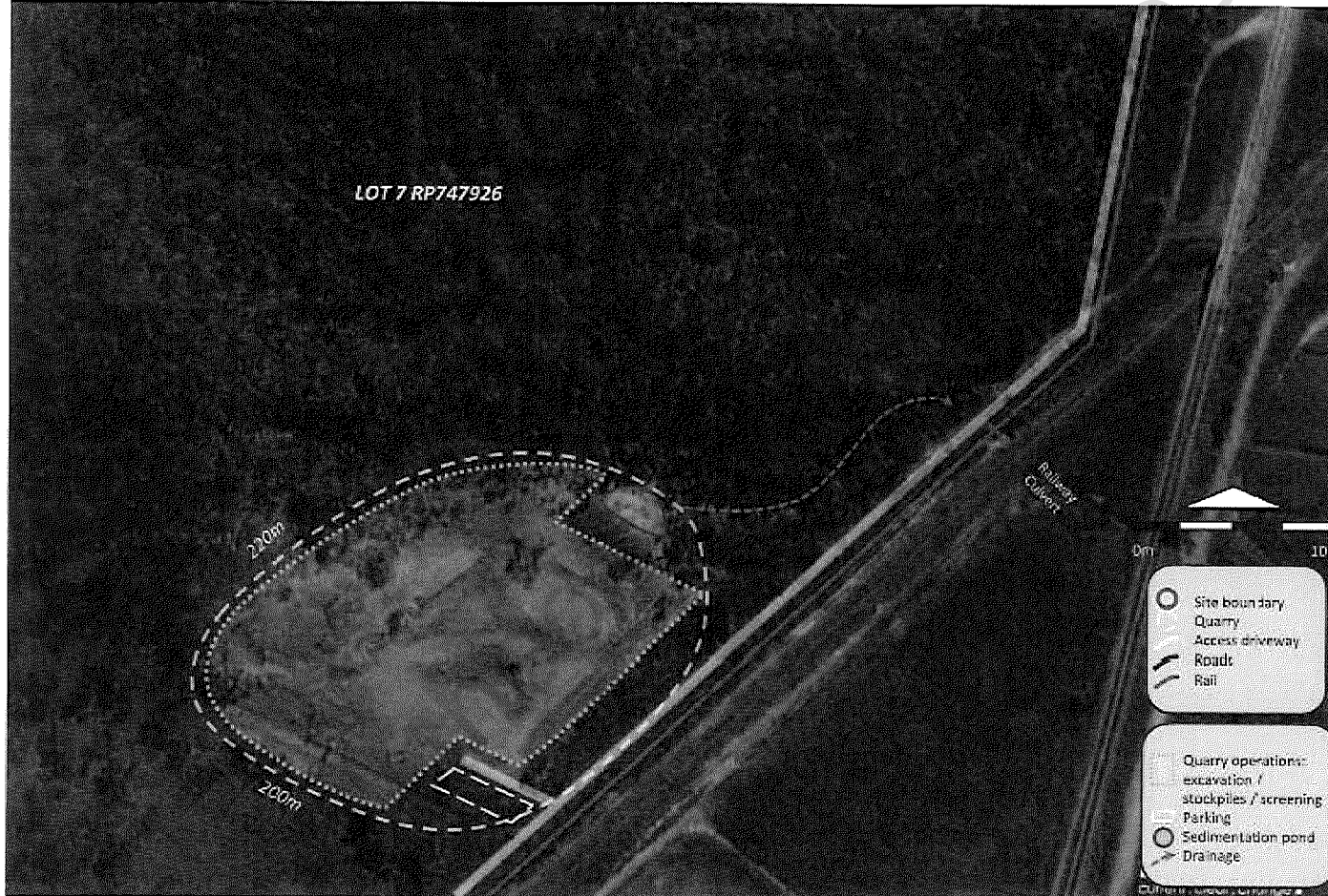
- is clearly audible to, or can be felt by, an individual;
- and annoys the individual.

In determining whether a noise annoys an individual and is unreasonably intrusive, regard must be given to Australian Standard 1055.2 – 1997 Acoustics – Description and Measurement of Environmental Noise Part 2 – Application to Specific Situations.

END OF CONDITIONS

Published on DES Disclosure Log
RTI Act 2009

Schedule 1 - Koumala Quarry – Quarry Layout Plan - Area within which activities associated with this approval are to be conducted (see Condition G1). The approved area is marked with the outermost large dotted grey line.



END OF PERMIT



LOT 7 RP747926, BRUCE HIGHWAY, KOUMALA
**KOUMALA QUARRY
QUARRY LAYOUT PLAN**

FILENAME > QUARRY LAYOUT PLAN	DATE > 09 OCT 2014
JOB NO. > HRP14119	APPROVED >
SCALE >	VERSION > 1/1
SOURCE > NEARMAPS 2014	



Department of
**Environment and
Heritage Protection**

Ref CA41216; 101/0018929

28 July 2016

Linthwaite Earthmoving Pty Ltd
PO Box 31
KOUMALA QLD 4738

Email: gklinthwaite@bigpond.com

Dear Directors

Compliance Inspection – Linthwaite Earthmoving Pty Ltd, Lot 7 Bruce Highway Koomala, 15 July 2016

The Department of Environment and Heritage Protection (the department) refers to the compliance inspection of Linthwaite Earthmoving Pty Ltd, conducted at Lot 7 Bruce Highway, Koomala on 15 July 2016 by departmental officers Louise Pinn and Laura Muller. The site inspection was conducted in the presence of Section 78B(2) of Linthwaite Earthmoving Pty Ltd.

The purpose of the inspection was to evaluate compliance of environmentally relevant activities (ERA) 16-(2A) Extractive >5,000t but 100,000t yr and 16-(3A) Screening >5,000t but 100,000t yr being conducted on the site with conditions prescribed in environmental authority (EA) EPPR02588314. The inspection was not a full audit of your activities. It is important to note that the inspection does not relieve Linthwaite Earthmoving Pty Ltd of other obligations under the *Environmental Protection Act 1994*.

During the inspection; departmental officers did not observe any matters of concern or evidence to indicate a contravention of the EA or the *Environmental Protection Act 1994*. The department acknowledges Linthwaite Earthmoving Pty Ltd's proactive management approach on site.

The department would like to thank you for your time and assistance with the compliance inspection. Should you wish to discuss anything related to the inspection, please contact Louise Pinn, Team Leader of the department on telephone 4999 6889.

Yours sincerely

sch4p4(6) Personal Information

Kate Delaney
Compliance Delivery Manager – Mackay
Department of Environment and Heritage Protection
Environmental Protection Act 1994

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Website www.ehp.qld.gov.au
ABN 46 640 294 485
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Compliance Activity Report

Pre-Evaluation, Compliance Evaluation, Post Evaluation and Enforcement Response

This document is for internal use to assist officers of the Department of Environment and Heritage Protection (the department) to record compliance evaluation and enforcement information when undertaking a compliance activity (inspection or desktop). Part D of this form is suitable if a Penalty Infringement Notice (PIN) or Warning is being proposed.

Please note: Appendices containing a workplace health and safety checklist and to include photographs taken during site inspection are located at the end of this document and can be removed if not applicable. Officers may choose to remove these appendices as well as Parts B and C, prior to submission of the document to the Manager (Compliance) for approval to issue a PIN.

Part A: Pre-Evaluation

1. Client and Site details

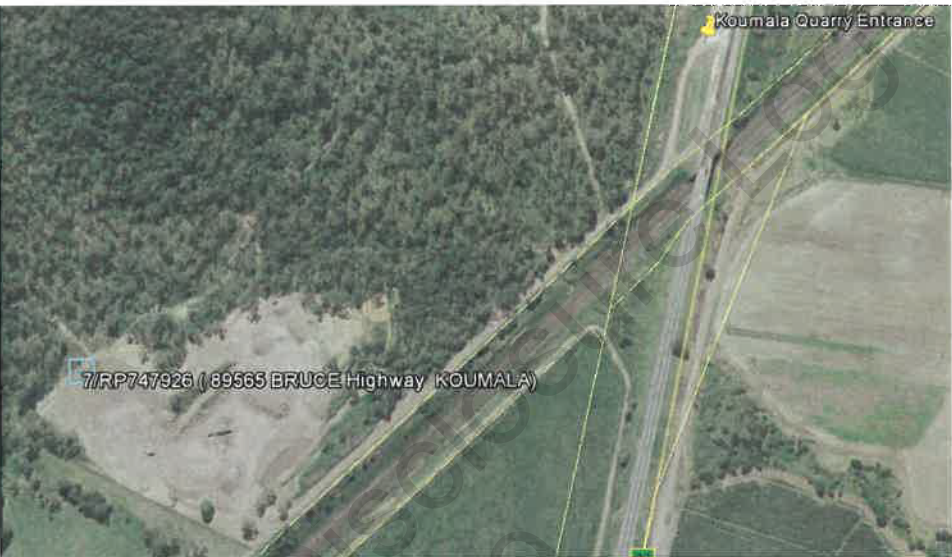
Reference details (Ecotrack Procedure Guide)	CA41216
File Number	101/0018929
Licence/Permit Number	EPPR02588314
Company Name (Legal Entity)	Linthwaite Earthmoving Pty Ltd
Other names	Mt. Funnel Pastoral Company
Location	Lot 7 on RP747926
Registered address	Bruce Highway, Koumala
Contact details	Section 78B(2) sch4p4(6) Personal Info PO Box 31 Koumala Qld 4738
Date(s) of compliance activity	15 July 2016

2. Compliance Activity Background

Environmental risk	Moderate
Last inspection date	No inspection history
General description of location and surrounding environment	The site is located off the Bruce Highway, approximately 15km south of Sarina. Linthwaite Earthmoving Pty Ltd made an application in October 2014 for a site-specific environmental authority for the site, which was approved in November 2014. An amendment was approved in April 2016 to add Baillie's Quarry to the environmental authority (previously operated by Holcim (Australia) Pty Ltd).

Compliance Activity Report

Pre-Evaluation, Compliance Evaluation, Post Evaluation and Enforcement Response

	
Description of permit or location activity	The ERA licensed for the site is 16-(2A) Extractive >5,000T but <100,000T yr and 16-(3A) Screening >5,000T but <100,000T yr.
History of the client/operator and location	<p>Linthwaite Earthmoving Pty Ltd is the first operator registered as holding an environmental authority over the site. Section 78B(2) advised it has been operating under numerous different operators for some time; but there is no record in Ecotrack of previous licences issued over this location.</p> <p>No previous compliance inspections of the site have been recorded. EA holder is also a local cane farmer, and supplies aggregate to the nearby railyards as well as selling directly to the public.</p>
☒ If site inspection, I have completed the Workplace and personal health and safety considerations checklist in Appendix 1	

Compliance Activity Report

Pre-Evaluation, Compliance Evaluation, Post Evaluation and Enforcement Response

Part B: Compliance Evaluation

3. Evaluation of Conditions/Legislation

Provide a brief description of the scope of the compliance activity (site inspection or desktop) below. This section can be completed on site.

A tour of the site was conducted as well as questions asked across the entire scope of the EA for conditions relating to the Koumala Quarry (note: the EA contains separate conditions relevant to the Koumala Quarry and Baillie's Quarry. Officers were accompanied on site by Section 78B(2) owner and operator.

Section advised that he has had the quarry for 5 years now. The site currently extracts 15,000 to 20,000 tonnes of material a year, although it has approval for more. The site operates 5 to 6 days a week when extracting. Ridge gravel is ripped up/crushed by a dozer then screened to determine product (sizing). Material is sold direct from the site.

No fuel, diesel or other chemicals are stored on site due to risk of theft. Section has a service truck at his residential property Section 78B(2) which he uses to refuel machinery as needed. Machinery/vehicles are serviced off site. Any waste produced on site is taken back to Section 78 property for storage or disposal (ie no burning of waste occurs). Green waste (felled trees) is generally pushed to one side. The landowner conducts controlled burns through the area as needed.

All stormwater falling on operational areas is directed to an on-site sediment dam, which overflows via a grassed/vegetated drain to a local creek (unnamed). The dam is cleaned out of sediment once a year.

Section has received one complaint about noise since owning the quarry, which was unfounded (alleged reversing alarms too loud, however they were attributed to another nearby operation). There have been no complaints about dust, however Section has recently purchased a water truck to suppress dust on site.

As yet, no rehabilitation of disturbed areas has been undertaken.

Compliance Activity Report

Pre-Evaluation, Compliance Evaluation, Post Evaluation and Enforcement Response

Part E: Sign-off

4. Recommendation

The officer is required to make a recommendation in relation to the proposed compliance or enforcement response.

I recommend that a post inspection letter is sent to the operator advising that no matters of concern or contraventions of EA conditions or the EP Act were observed during the inspection.

Recommending Officer	
Signature: [Redacted]	Office Location: Mackay
Print Name: Louise Pinn	Position: Team Leader
Date: 25 July 2016	Phone: 4999 6889

5. Supervisory Review

To be completed by Team Leader or CDM as appropriate.

I have reviewed the compliance evaluation and agree with the officer's recommendation to issue a post inspection letter to the operator advising no issues of concern identified.

Reviewing Officer	
Signature: [Redacted]	Office Location: Mackay
Print Name: Alisha Stewart	Position: Team Leader
Date: 26/7/16	Phone: 4999 6885

6. Decision

The Manager (Compliance) or CDM is required to either support or not support the recommendation and sign and date below.

Decision for recommendation	SUPPORTED / NOT SUPPORTED
Reason for decision	
I support this decision for the reasons set out above.	
Signature: [Redacted]	Print Name: Kate Delaney
Position: Compliance Delivery Manager	Date: 26/7/16

Compliance Activity Report

Pre-Evaluation, Compliance Evaluation, Post Evaluation and Enforcement Response

Appendix 2: Photo Register

Insert photos taken during site inspection and include reference details. You can delete this appendix if not applicable.

Appendix 1: Workplace and personal health and safety considerations prior to going on site.

You can delete this appendix if not applicable.

Industry specific hazards – consider personal safety	
Quarrying	Machinery, fuel/chemical storage
Other	

Personal protective equipment (PPE) – consider whether any PPE is required	
Safety helmet	Yes ☒ No ☐
Hearing protection	Yes ☒ No ☐
Eye protection	Yes ☒ No ☐
Protective clothing	Yes ☒ No ☐
Protective footwear	Yes ☒ No ☐
Respiratory protection	Yes ☐ No ☒
Other	Yes ☐ No ☒ If yes, describe PPE: <INSERT details>
Arrange safety induction training with occupier of site before any work is done	Yes ☐ No ☒

Compliance Activity Report

Pre-Evaluation, Compliance Evaluation, Post Evaluation and Enforcement Response

Appendix 2: Photo Register

Insert photos taken during site inspection and include reference details. You can delete this appendix if not applicable.



Koumala Quarry 1



Koumala Quarry 4 – Sediment Drains



Koumala Quarry 2



Koumala Quarry 5 – Sediment Dam



Koumala Quarry 3