Permit

Environmental Protection Act 1994

Environmental authority EPPR01823114

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

Environmental authority number: EPPR01823114

Environmental authority takes effect on 26 March 2019

Environmental authority holder(s)

Name(s)	Registered address
LIVINGSTONE SHIRE COUNCIL	25-27 Normanby St YEPPOON QLD 4703 Australia

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
Prescribed ERA, ERA 16 - Extraction and Screening, 3: Screening, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 865/FTY1975
Prescribed ERA, ERA 16 - Extraction and Screening, 3: Screening, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 2/RP836466
Prescribed ERA, ERA 16 - Extraction and Screening, 3: Screening, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 6/RP604466
Prescribed ERA, ERA 16 - Extraction and Screening, 3: Screening, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 47/LN809
Prescribed ERA, ERA 16 - Extraction and Screening, 2: Extracting, other than by dredging, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 865/FTY1975
Prescribed ERA, ERA 16 - Extraction and Screening, 2: Extracting, other than by dredging, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 53/SP213740
Prescribed ERA, ERA 16 - Extraction and Screening, 2: Extracting, other than by dredging, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 883/LBG4038
Prescribed ERA, ERA 16 - Extraction and Screening, 2: Extracting, other than by dredging, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 1352/LBG4062

ABN 46 640 294 485

Queensland Government

Environmentally relevant activity/activities	Location(s)
Prescribed ERA, ERA 16 - Extraction and Screening, 2: Extracting, other than by dredging, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 16/SP227128
Prescribed ERA, ERA 16 - Extraction and Screening, 2: Extracting, other than by dredging, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 5/RP618934
Prescribed ERA, ERA 16 - Extraction and Screening, 2: Extracting, other than by dredging, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 2/RP836466
Prescribed ERA, ERA 16 - Extraction and Screening, 2: Extracting, other than by dredging, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 6/RP604466
Prescribed ERA, ERA 16 - Extraction and Screening, 2: Extracting, other than by dredging, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 47/LN809
Prescribed ERA, ERA 16 - Extraction and Screening, 2: Extracting, other than by dredging, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 8/SP200910
Prescribed ERA, ERA 16 - Extraction and Screening, 2: Extracting, other than by dredging, in a year, the following quantity of material, (a) 5,000t to 100,000t	LOT 3/SP210597
Prescribed ERA, ERA 16 - Extraction and Screening, 2: Extracting, other than by dredging, in a year, the following quantity of material, (a) 5,000t to 100,000t	LOT 13/RP849350
Prescribed ERA, ERA 16 - Extraction and Screening, 2: Extracting, other than by dredging, in a year, the following quantity of material, (a) 5,000t to 100,000t	Adjacent to LOT 7/RP887955
Prescribed ERA, ERA 16 - Extraction and Screening, 2: Extracting, other than by dredging, in a year, the following quantity of material, (a) 5,000t to 100,000t	Adjacent to LOT 803/LIV40324

Additional information for applicants

Environmentally relevant activities

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

An EA authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the EA 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 contaminated land give written notice to the administering authority if they become aware of the following:

- the happening of an event involving a hazardous contaminant on the contaminated land (notice must be given within 24 hours); or
- a change in the condition of the contaminated land (notice must be given within 24 hours); or
- a notifiable activity (as defined in Schedule 3) having been carried out, or is being carried out, on the contaminated land (notice must be given within 20 business days);

that is causing, or is reasonably likely to cause, serious or material environmental harm.

For further information, including the form for giving written notice, refer to the Queensland Government website www.qld.gov.au, using the search term 'duty to notify'.

Take effect

Please note that, in accordance with section 200 of the EP Act, an EA has effect:

a) if the authority is for a prescribed ERA and it states that it takes effect on the day nominated by the holder of the authority in a written notice given to the administering authority-on the nominated day; or
b) if the authority states a day or an event for it to take effect-on the stated day or when the stated event happens; or
c) otherwise-on the day the authority is issued.

However, if the EA is authorising an activity that requires an additional authorisation (a relevant tenure for a resource activity, a development permit under the Planning Act 2016 or an SDA Approval under the State Development and Public Works Organisation Act 1971), this EA will not take effect until the additional authorisation has taken effect.

If this EA takes effect when the additional authorisation takes effect, you must provide the administering authority written notice within 5 business days of receiving notification of the related additional authorisation taking effect.

If you have incorrectly claimed that an additional authorisation is not required, carrying out the ERA without the additional authorisation is not legal and could result in your prosecution for providing false or misleading information or operating without a valid environmental authority.

Christine Mooney
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

Date issued: 26 March 2019

Enquiries:
Heritage, Utilities and Government Assessment
Department of Environment and Science
Phone: 1300 130 372
Email: palm@des.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)

Legislative requirements

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)

Development Approval

This permit is not a development approval under the *Planning Act 2016*. The conditions of this environmental authority are separate, and in addition to, any conditions that may be on the development approval. If a copy of this environmental authority is attached to a development approval, it is for information only, and may not be current. Please contact the Department of Environment and Science to ensure that you have the most current version of the environmental authority relating to this site.

Conditions of environmental authority

Part 1: Multiple locations in Livingstone Shire Council	
Environmentally Relevant Activities authorised	**Locations**
16-(2a) Extractive >5000t but <100000t yr 16-(3a) Screening >5000t but <100000t yr	Keppel Sands Road – Lot 47 Plan LN809 Lot 6 Paddy's Swamp Road – Lot 6 Plan RP604466 Reserve 2836 Byfield Road - Lot 865 Plan FTY1975 Rossmoya Road, The Caves - Lot 2 Plan RP836466
16-(2a) Extractive >5000t but <100000t yr	Byfield Road, Byfield - Lot 865 Plan FTY1975 Canal Creek Road, Canal Creek - Lot 3 Plan SP210597 Glenprairie Road - Marlborough - Lot 1352 Plan LBG4062 Ogmore Road, Ogmore - Lot 16 Plan SP227128 Raspberry Creek Road, Canal Creek - Lot 53 Plan SP213740 Reserve 2836 Byfield Road - Lot 865 Plan FTY1975 Rossmoya Road, The Caves - Lot 2 Plan RP836466 Stanage Bay Road, Stanage Bay - Lot 883 Plan LBG4038 Thompson Point Road, Nerimbera - Lot 5 Plan RP618934 Road Reserve Palm Valley Road – adjacent to Lot 7 Plan RP887955 Stanage Bay – Lot 8 Plan SP200910

	Zamia Hills Road Reserve – adjacent to Lot 803 Plan LIV40324

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

Agency interest: General	
Condition number	**Condition**
P1-G1	In carrying out the environmentally relevant activities, you must take all reasonable and practicable measures to prevent and/or to minimise the likelihood of environmental harm being caused. Any environmentally relevant activity, that, if carried out incompetently, or negligently, may cause environmental harm, in a manner that could have been prevented, shall be carried out in a proper manner in accordance with the conditions of this authority. NOTE: This authority authorises the environmentally relevant activity. It does not authorise environmental harm unless a condition contained within this authority explicitly authorises that harm. Where there is no condition or the authority is silent on a matter, he lack of a condition or silence shall not be construed as authorising harm.
P1-G2	The holder must: (a) Install all measures, plant and equipment necessary to ensure compliance with the conditions of this environmental authority; and (b) Maintain such measures, plant and equipment in a proper and efficient condition; and (c) Operate such measures, plant and equipment in a proper and efficient manner.
P1-G3	All persons engaged in the conduct of the activity, including but not limited to employees and contract staff, must be: (a) Trained in the procedures and practices necessary to - Comply with the conditions of this development approval, and - Prevent environmental harm during normal operation and emergencies; or (b) Under the close supervision of such a trained person.

P1-G4	From commencement of the activity, a Site Based Management Plan (SBMP) must be implemented. The SBMP must identify all sources of environmental harm, including but not limited to the actual and potential release of all contaminants, the potential impact of these sources and what actions will be taken to prevent the likelihood of environmental harm being caused. The SBMP must also provide for the review and 'continual improvement' in the overall environmental performance of all Environmentally Relevant Activities that are carried out. The SBMP must address the following matters: (a) Environmental commitments — a commitment by senior management to achieve environmental goals. (b) Identification of environmental issues and potential impacts. (c) Control measures for routine operations to minimise likelihood of environmental harm. (d) Contingency plans and emergency procedures for non-routine situations. (e) Organisation structure and responsibility. (f) Effective communication. (g) Monitoring of the contaminant releases. (h) Conducting environmental impact assessments. (i) Staff training. (j) Record keeping. (k) Periodic review of environmental performance and continual improvement.
P1-G5	Prior to the commencement of any environmentally relevant activity ('the activities') under this environmental authority, the holder of this environmental authority must: (a) Develop an Integrated Environmental Management System (IEMS) which provides for the effective management by the holder of the actual and potential environmental impacts resulting from the carrying out of the activities; and (b) Implement and maintain the IEMS from the commencement of carrying out the activities.

P1-G6	The IEMS must provide for at least the following functions: a) Training staff in the awareness of environmental issues related to carrying out the activities, which must include at least: • The environmental policy of the holder, so that all persons that carry out the activities are aware of all relevant commitments to environmental management; and • Any relevant environmental objectives and targets, so that all staff are aware of the relevant performance objectives and can work towards these; and • Control procedures to be implemented for routine operations for day to day activities to minimise likelihood of environmental harm, however occasioned or caused; and • Contingency plans and emergency procedures to be implemented for non-routine situations to deal with foreseeable risks and hazards including corrective responses to prevent and mitigate environmental harm (including any necessary site rehabilitation); and • Organisation structure and responsibility to ensure that roles, responsibilities and authorities are appropriately defined to manage environmental issues effectively and • Effective communication to ensure two-way communication on environmental matters between operational staff and higher management; • Their obligations in respect of monitoring, notification and record keeping obligations under the IEMS and relevant environmental authorities and/or development approvals; and • Monitoring of the release of contaminants into the environment including procedures, methods, record keeping and notification of results; b) Conducting assessment of the environmental impact of any release of contaminants into the environment that causes and or is likely to cause serious or material environmental harm; c) Waste prevention, treatment and disposal; and d) A program for continuous improvement.
P1-G7	The holder of this environmental authority must not implement or amend an IEMS (including any environmental management plan) that contravenes any condition of this environmental authority or any development condition applicable to carrying out the activities.
P1-G8	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.

P1-G9	Records must be kept for five years, and must including the following information: (a) Date of pickup of waste; (b) Description of waste; (c) Cross reference to relevant waste transport documentation; (d) Quantity of waste; (e) Origin of the waste; (f) Destination of waste; and (g) Intended fate of the waste, for example, type of waste treatment, reprocessing or disposal. NOTE: Records of documents maintained in compliance with a waste tracking system established under the *Environmental Protection Act 1994* or any other law for regulated waste will be deemed to satisfy this condition.
P1-G10	A record must be maintained of at least the following events: (a) The time, date and duration of equipment malfunctions where the failure of the equipment resulted in the release of contaminants reasonably likely to cause environmental harm; (b) Any uncontrolled release of contaminants reasonably likely to cause environmental harm and (c) Any emergency involving the release of contaminants reasonably likely to cause material or serious environmental harm requiring the use of fire fighting equipment.
P1-G11	Notify the administering authority as soon as practicable (verbally and then in written format such as fax/email) when the release of contaminants is not in accordance with the conditions of this environmental authority and when environmental harm may have been caused or threatened.
P1-G12	Written advice must be provided within thirty (30) days following any event as identified in condition number P1-G11 of the following information (a) — (f), and annually for licence conditions (g) and (h): a) The location of the event; b) The time of the event; c) The time you became aware of the event; d) The suspected cause of the event; e) A description of the resulting effects of the event; f) The full analysis results of monitoring that showed exceedence; g) Actions taken to mitigate any environmental harm and or environmental nuisance cause by the event; and proposed actions to prevent a recurrence of the event; h) Results of any subsequent analysis to verify the success of any remedial actions.

P1-G13	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.
P1-G14	In consultation with the administering authority, cooperate with and participate in any community environmental liaison committee established in respect of either the site specifically or in the industrial estate where the site is located.

Agency interest: Air	
Condition number	**Condition**
P1-A1	The release of noxious or offensive odours or any other noxious or offensive airborne contaminants resulting from the activity must not cause a nuisance beyond the boundaries of the **licensed** places.
P1-A2	The release of dust and/or particulate matter resulting from the activity must not cause an environmental nuisance at any dust sensitive place.
P1-A3	Stockpiles must be maintained using all reasonable and practicable measures to minimise the release of wind-blown dust or particulate matter to the atmosphere. Reasonable and practicable measures may include but are not limited to anemometer switching systems which trigger operation of effective water spray systems during winds likely to generate such releases, use of dust suppressants, shielding and storage in bunkers.
P1-A4	Trafficable areas must be maintained using all reasonable and practicable measures to minimise the release of wind blow dust or traffic generated dust to the atmosphere. Reasonable and practicable measures may include but are not limited to sealing with bitumen or other suitable material, keeping surfaces clean, use of water sprays, adoption and adherence to speed limits, use of dust suppressant and wind breaks.
P1-A5	Raw material processing plants and external transfer conveyors must be operated and maintained using all reasonable and practicable measures to minimise the release of wind-blown dust or particulate matter to the atmosphere. Reasonable and practicable measures may include but are not limited to the transfer of materials in a moist state, enclosure or shielding of conveyors, use of water sprays at transfer points, shielding and wind breaks.

P1-A6	Exceedence of any of the following levels when measured at any dust sensitive place is an environmental nuisance for the purposes of condition P1-A2. (a) Dust deposition of 120 milligrams per square metre per day, when monitored in accordance with Australian Standard AS3580 of 1991; or (b) A concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (pm)(PM10) suspended in the atmosphere of 150 micrograms per cubic metre over a 24 hour averaging time, at a dust sensitive place downwind of the site, when monitored in accordance with: (c) Australian Standard AS3580.9.6 'Ambient air — Particulate matter — Determination of suspended particulate PM10 high volume sampler with size-selective inlet — Gravimetric method'; or (d) 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.
P1-A7	When requested by the Administering Authority, dust and particulate monitoring must be undertaken to investigate any complaint of environmental nuisance cause by dust and/or particulate matter, and the results notified within 14 days to the administering authority following completion of monitoring. Monitoring must be carried out at a place(s) relevant to the potentially affected dust sensitive place and at upwind control sites and must include: (a) For a complaint alleging dust nuisance, dust deposition; and (b) For a complaint alleging adverse health effects caused by dust, the concentration per cubic metre of particulate matter with an aerodynamic diameter of less than 10 micrometre (pm)(PM10) suspended in the atmosphere over a 24hr averaging time.
Agency interest: Water	
Condition number	**Condition**
P1-WT1	Contaminants must not be released from the licensed place to any waters or the bed and banks of any waters, unless otherwise permitted through conditions of this authority.
P1-WT2	There must be no release of stormwater runoff that has been in contact with any contaminants at the site to any waters, roadside gutter or stormwater drain.
P1-WT3	The licensed place must be sealed and/or graded to ensure that water does not 'pond' onsite.

P1-WT4	Any spillages of wastes, contaminants or other materials must be cleaned up as quickly as practicable. Such spillage must not be cleaned up by hosing, sweeping or otherwise releasing such wastes, contaminants or material to any stormwater drainage system, roadside gutter or waters.
P1-WT5	All spilled materials on roadways or in bunded areas on the site must be cleaned up immediately. The settlement dam must not be used for product recovery.
P1-WT6	Diversion drains, appropriate grades or equivalent must be installed and maintained to ensure surface waters from disturbed areas, including operation or trafficable areas, are diverted to the settlement dam.
P1-WT7	All runoff from the stockpiles and the areas utilised for the operation of the stockpiles must be directed to the settlement dam.
P1-WT8	Drainage through and from all trafficable areas and production activities must be designed to minimise surface flow velocities.
P1-WT9	By the first annual return the holder of this environmental authority must develop and implement an effective and appropriate Stormwater Management Plan which details how the holder of this environmental authority will manage the actual and potential environmental impacts resulting from the contamination of stormwater at the licensed place.

P1-WT10	The Stormwater Management Plan must address at least the following matters: (a) Prevention of incident stormwater and stormwater runoff from contacting wastes or contaminants; (b) Minimisation of the size of contaminated areas; (c) Cleaning of contaminated areas without water; (d) Installation of pollution control equipment such as oil separators, silt and rubbish traps, sedimentation ponds, settling pits and stormwater diversion systems; (e) Paving and roofing of contaminated areas; (f) Sampling and monitoring of contaminated stormwater released from the licensed place and assessment of the impact of any such release on the receiving environment; (g) Reporting the results of the monitoring of stormwater releases and any assessment of the impact of the releases on the receiving environment to the administering authority; (h) If soil is to be exposed or disturbed as a result of the activities conducted, the Stormwater Management Plan must also address the following: (i) Minimisation of the amount of soil to be exposed or disturbed by staging works and the presence of any acid sulphate soils; (j) Revegetation of exposed or disturbed areas; (k) Installation of sediment control measures such as settling basins; (l) Diversion of upstream runoff from exposed or disturbed areas.
P1-WT11	A copy of the Stormwater Management Plan and any subsequent amendment must be kept at the licensed place and be available for examination by an authorised person on request.
Agency interest: Noise	
Condition number	**Condition**
P1-N1	Noise from activities must not cause an environmental nuisance at any noise sensitive place or any commercial place.

P1-N2

All noise from activities must not exceed the levels specified in **Table 1** and **Table 2** at any noise affected premises.

Table 1 — Noise limits

Noise level dB(A) measured as	**Monday to Saturday**			**Sundays and public holidays**		
	7am — 6pm	**6pm — 10pm**	**10pm — 7am**	**9am — 6pm**	**6pm-10pm**	**10pm — 9am**
$LA_{10, adj}$, 10 mins	b/g+5	b/g+5	b/g+3	b/g+5	b/g+5	b/g+0
$LA_{1, adj}$, 10mins	b/g+10	b/g+10	b/g+5	b/g+10	b/g+10	b/g+5

Table 2 — Airblast overpressure level

Location	**Monday to Friday 9am — 3pm**	**Saturday, Sundays and public holidays**
Sensitive or commercial place	Air blast overpressure level of 115db (linear peak) for nine (9) out of ten(10) consecutive blasts initiated and not greater than 120db (linear peak) at any time.	No blasting to occur

P1-N3

Vibration emitted from activities must not exceed the levels specified in **Table 3** at any vibration sensitive place.

Table 3 — Vibration limits — sensitive place

	Vibration measured at a vibration sensitive place	
	Monday to Friday 9am — 3pm Saturday 9am —1pm	**Sundays and Public holidays**
Houses and low rise residential buildings and commercial buildings not included below.	10 mm/s	No blasting to occur

P1-N4

The method of measurement and reporting of noise levels must comply with the latest edition of the administering authority's Noise Measurement manual.

P1-N5

Vibration emitted from activities must not cause a nuisance at any vibration sensitive place.

Agency interest: Waste	
Condition number	**Condition**
P1-W1	All regulated waste removed from the licensed place must be removed by a person who holds a current authority to transport such waste under the provisions of the *Environmental Protection Act 1994.*
P1-W2	Waste must not be burnt or allowed to burn on the licensed site or removed and burnt elsewhere unless specifically permitted by an environmental authority.
P1-W3	Any spillage of wastes, oils, contaminants, detergents or other materials shall be cleaned up as quickly as practicable using dry absorbent cleaning methods. Such spillage must not be cleaned by hosing, sweeping or otherwise releasing such wastes, oils or contaminants to any waters, roadside gutter or stormwater drainage system.
P1-W4	Dry absorbent material shall be kept on site to clean up spilt oil, and to prevent such spills entering the stormwater system.
Agency interest: Land	
Condition number	**Condition**
P1-L1	Contaminants must not be released to land.
P1-L2	Spillage of all chemicals and fuels must be contained within an on-site containment system and controlled in a manner that prevents environmental harm. NOTE: All petroleum product storage's must be designed, constructed and maintained in accordance with AS1940 — Storage and Handling of Flammable and Combustible Liquids.
P1-L3	Erosion protection measures and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment.
P1-L4	Prevent the release of sediment to waters or a build-up of sediment in any stormwater drain.

P1-L5	The authorised place must be rehabilitated (including all disturbed areas such as slopes, borrow pits, stockpile and screening areas) in a manner such that: (a) Suitable native species of vegetation are planted and established; (b) Potential for erosion of the site is minimized; (c) The quality of stormwater, water and seepage release from the site is such that releases of contaminant such as suspended solids, turbidity, total dissolved salts, pH, total iron, total aluminium, and total manganese are not likely to cause environmental harm; (d) The likelihood of environmental nuisance being caused by release of dust is minimized; (e) The water quality of any residual water bodies meets criteria for subsequent uses and does not have potential to cause environmental harm; (f) The final landform is stable and not subject to slumping; and (g) Any actual and potential acid sulphate soils in or on the site are either not disturbed; or, submerged, or treated so as to not be likely to cause environmental harm.
P1-L6	Rehabilitation of disturbed areas must take place progressively as works are staged and new areas of extraction are commenced.

Part 2: Lot 13 Plan RP849350 (adjacent chainage 85.5km Stanage Bay Road)

Environmentally Relevant Activity authorised	**Location**
16-(2a) Extractive >5000t but <100000t yr	Lot 13 Plan RP849350 confined to the following coordinates:

ID	*Latitude*	*Longitude*
NW1	-22.229046	150.052193
N 2	-22.22885	150.052512
NE 3	-22.22903	150.05313
SE 4	-22.22966	150.05358
SW 5	-22.23038	150.05245
NW 6	-22.229	150.052
NE 7	-22.229	150.0522
SE 8	-22.23	150.052
SW 9	-22.23	150.052
W 10	-22.23	150.052

The environmentally relevant activity conducted at the location as described above must be conducted in accordance with the attached document entitled:

- Eligibility criteria and standard conditions for extracting material (ERA16) – Version 2.

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 Science or its successor or predecessors.

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

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

Blasting is the use of explosives to fracture:

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

Boundary means within lm of the cadastral **boundary** of the approved place.

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

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

Environmental value as defined under Chapter 1 of the *Environmental Protection Act 1994.*

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

General waste means waste other than regulated waste.

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

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

Release of a contaminant into the environment means to:

1. deposit, discharge, emit or disturb the contaminant; and
2. cause or allow the contaminant to be deposited, discharged, emitted or disturbed; and
3. fail to prevent the contaminant from being deposited, discharged emitted or disturbed; and
4. allow the contaminant to escape; and
5. fail to prevent the contaminant from escaping.

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

1. a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
2. a motel, hotel or hostel; or
3. a kindergarten, school, university or other educational institution; or
4. a medical centre or hospital; or
5. a protected area under the *Nature Conservation Act* 1992, the *Marine Parks Act 2004* or a World Heritage Area; or
6. a public thoroughfare, park or gardens; or
7. for noise, a place defined as a sensitive receptor for the purposes of the Environmental Protection (Noise) Policy 2008.

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

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

You means the holder of the environmental authority.

END OF ENVIRONMENTAL AUTHORITY