

Permit

Environmental Protection Act 1994

Environmental authority BRID0002

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

Environmental authority number: BRID0002

Environmental authority takes effect on 16-12-2019

Environmental authority holder(s)

Name(s)	Registered address
ROMA SANDS PTY LTD	174 Woodside Road ROMA QLD 4455 Australia

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 165 on SP135036
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 38 on KE99
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 37 on KE6
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 368 on FTY535
ERA 16 - Extraction and Screening 3: Screening, in a year, the following quantity of material (a) 5,000t to 100,000t	Lot 43 on WV1313
ERA 16 - Extraction and Screening 3: Screening, in a year, the following quantity of material (a) 5,000t to 100,000t	Adjacent to Lot 89 on WV456
ERA 16 - Extraction and Screening 3: Screening, in a year, the following quantity of material (a) 5,000t to 100,000t	Adjacent to Lot 77 on WV975

Environmental authority

Environmentally relevant activity/activities	Location(s)
ERA 16 - Extraction and Screening 3: Screening, in a year, the following quantity of material (a) 5,000t to 100,000t	Adjacent to Lot 129 on WV908
ERA 16 - Extraction and Screening 3: Screening, in a year, the following quantity of material (a) 5,000t to 100,000t	Adjacent to Lot 88 on WV456
ERA 16 - Extraction and Screening 3: Screening, in a year, the following quantity of material (a) 5,000t to 100,000t	Adjacent to Lot 92 on DL404
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 43 on WV1313
ERA 16 - Extraction and Screening 3: Screening, in a year, the following quantity of material (a) 5,000t to 100,000t	Adjacent to Lot 94 on SP261935
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 116 on WAL53322
ERA 16 - Extraction and Screening 3: Screening, in a year, the following quantity of material (a) 5,000t to 100,000t	Adjacent to Lot 1 on SP261935
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 94 on SP261935
ERA 16 - Extraction and Screening 3: Screening, in a year, the following quantity of material (a) 5,000t to 100,000t	Adjacent to Lot 95 on SP261935
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 67 on SP222879

Environmental authority

Environmentally relevant activity/activities	Location(s)
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 77 on WV975
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 150 on DL101
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 82 on DL75
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 88 on DL99
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 95 on SP261935
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 2 on SP118798
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 89 on WV456
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 152 on DL102
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 92 on DL404
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 88 on WV456

Environmental authority

Environmentally relevant activity/activities	Location(s)
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 50 on KE6
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 97 on DL148
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 3 on WV348
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 21 on WV1334
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 32 on WV482
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 1 on SP261935
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 36 on KE6
ERA 16 - Extraction and Screening 1: Dredging, in a year, the following quantity of material (a) 1000t to 10,000t	Adjacent to Lot 129 on WV908

Additional information for applicantsEnvironmentally 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.

Clancy Mackaway
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

Date issued: 16 December 2019

Enquiries:
Coastal and Marine Assessment
Department of Environment and Science

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Obligations under the *Environmental Protection Act 1994*

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

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

Conditions for Part 1

Location and relevant activities:

Part	Environmentally relevant activities	Locations
Part 1	16-1(a) dredging, in a year, more than 1,000t but not more than 10,000t of material	Adjacent to Lot 21 WV1334 - Lot 37 Plan KE6, Lot 82 Plan DL75, Lot 92 Plan DL404, Lot 150 Plan DL101, Lot 50 Plan KE6, Lot 165 Plan SP135036, Lot 38 Plan KE99, Lot 36 Plan KE6, Lot 152 Plan DL102, Lot 97 Plan DL148, Lot 21 Plan WV1334 and Lot 88 Plan DL99
Part 1	16-3(a) screening, in a year, more than 5,000t but not more than 100,000t of material	Lot 92 Plan DL404

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

Agency Interest: General	
Condition number	Condition
G1	Any activity operating under this environmental authority must not be conducted contrary to any of the following limitations: (a) Dredging may only be carried out in the Maranoa River between the following coordinates: -26° 50' 25.5 and 148° 2' 59.9 (downstream) and -26° 35' 54.2 and 148° 2' 24.1 (upstream). (b) Dredging is limited to a maximum of 9,000t of material per year.
G2	All reasonable and practicable measures must be taken to minimise the likelihood of environmental harm being caused.
G3	Any breach of a condition of this environmental authority must be reported to the administering authority as soon as practicable, or at most, within 24 hours of you becoming aware of the breach. Records must be kept including full details of the breach and any subsequent actions undertaken.
G4	Other than as permitted by this environmental authority, the release of a contaminant into the environment must not occur.
G5	Environmental monitoring results must be kept until surrender of this environmental authority. All other information and records that are required by the conditions of this environmental authority must be kept for a minimum of five (5) years. All information and records required by the conditions of this environmental authority must be provided to the administering authority , or nominated delegate upon request, within the required timeframe and in the specified format.
G6	An appropriately qualified person(s) must monitor, record and interpret all parameters that are required to be monitored by this environmental authority and in the manner specified by this environmental authority.

G7	All analyses required under this environmental authority must be carried out by a laboratory that has NATA certification, or an equivalent certification, for such analyses.
G8	When required by the administering authority , monitoring must be undertaken in the manner prescribed by the administering authority , to investigate a complaint of environmental nuisance arising from the activity . The monitoring results must be provided to the administering authority , or nominated delegate , within the required timeframe and in the specified format upon request.
G9	The activity must be undertaken in accordance with written procedures that: 1. identify potential risks to the environment from the activity during routine operations, closure and an emergency 2. establish and maintain control measures that minimise the potential for environmental harm 3. ensure plant, equipment and measures are maintained in a proper and effective condition 4. ensure plant, equipment and measures are operated in a proper and effective manner 5. ensure that staff are trained and aware of their obligations under the <i>Environmental Protection Act 1994</i> 6. ensure that reviews of environmental performance are undertaken at least annually.
G10	With the exception of floating equipment, all machinery and ancillary equipment for the activity must be stored on the landward side of the high banks of any surface waters .
G11	A minimum buffer distance of 250 m must be maintained between screening and stockpile areas and the high banks of waters .
Agency interest: Air	
Condition number	Condition
AI	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
W1	Stormwater contaminated by the activity must be managed to minimise or prevent any adverse impacts on the values of the receiving environment.
W2	Erosion and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment.
W3	Dredging is not permitted if there is water flow in the watercourse.
Agency interest: Noise	
Condition number	Condition

N1	Noise generated by the activity must not cause environmental nuisance to any sensitive place or commercial place .
Agency interest: Land	
Condition number	Condition
L1	Land that has been disturbed for activities conducted under this environmental authority must be rehabilitated in a manner such that: 1. suitable native species of vegetation for the location are established and sustained for earthen surfaces; 2. potential for erosion is minimised; 3. the quality of water released from the site, including seepage, 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.
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.

Conditions for Part 2

Location and relevant activities:

Part	Environmentally relevant activities	Locations
Part 2	16-1(a) dredging, in a year, more than 1,000t but not more than 10,000t of material	Bungeworai Creek 1 ROMA QLD 4455 - Adjacent to Lot 2 Plan SP118798 Bungeworai Creek 2 ROMA QLD 4455 - Adjacent to Lot 116 Plan WAL53322 and Adjacent to Lot 67 Plan SP222879 Bungeworai Creek 3 ROMA QLD 4455 - Adjacent to Lot 2 Plan SP118798 and Adjacent to Lot 32 Plan WV482 Snake Creek ROMA QLD 4455 - Adjacent to Lot 3 Plan WV348
Part 2	16-1(a) dredging, in a year, more than 1,000t but not more than 10,000t of material 16-3(a) screening, in a year, more than 5,000t but not more than 100,000t of material	Blythdale Road, Blythdale - Lot 129 Plan WV908, Lot 89 Plan WV456, Lot 1 Plan SP261935, Lot 95 Plan SP261935, Lot 94 Plan SP261935, Lot 77 Plan WV975 and Lot 88 Plan WV456
Part 2	16-1(a) dredging, in a year, more than 1,000t but not more than 10,000t of material	Yuleba-Taroom Road, Yuleba North — Adjacent to part of Lot 368 Plan FTY535 formerly Lot 42 Plan WV634 and Adjacent to Lot 43 Plan WV1313
Part 2	16-3(a) screening, in a year, more than 5,000t but not more than 100,000t of material	Yuleba-Taroom Road, Yuleba North - Lot 43 Plan WV1313

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
G1	All reasonable and practicable measures must be taken to minimise the likelihood of environmental harm being caused.
G2	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.
G3	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.

G4	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.
G5	All analyses required under this environmental authority must be carried out by a laboratory that has NATA certification, or an equivalent certification, for such analyses.
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: i) identify potential risks to the environment from the activity during routine operations, closure and an emergency ii) establish and maintain control measures that minimise the potential for environmental harm iii) ensure plant, equipment and measures are maintained in a proper and effective condition iv) ensure plant, equipment and measures are operated in a proper and effective manner v) ensure that staff are trained and aware of their obligations under the <i>Environmental Protection Act 1994</i> vi) ensure that reviews of environmental performance are undertaken at least annually.
G8	All machinery and ancillary equipment for the activity must be stored outside the high banks of any watercourse.
G9	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.
G10	Other than as permitted by this environmental authority, the release of a contaminant into the environment must not occur.
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
W1	Stormwater contaminated by the activity must be managed to minimise or prevent any adverse impacts on the values of the receiving environment.

W2	Erosion and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment.																			
W3	Water velocities through temporary watercourse diversions around the works area must be maintained similar to pre-work velocities during such diversions, and must be re-instated once dredging works are completed.																			
W4	Dredging within the watercourse is not permitted if there is water flow in the watercourse.																			
W5	No stockpiling of fill is to be undertaken within the banks and bed of the watercourse.																			
W6	The activity must not adversely affect the bank stability of the waters .																			
Agency interest: Noise																				
Condition number	Condition																			
N1	Noise from the activity must not exceed the levels identified in <i>Table 1 - Noise limits</i> when measured in accordance with the associated monitoring requirements. Table 1 - Noise limits <table><tr><th rowspan="2">Noise level dB(A) measured as L Aeq adj, T at:</th><th colspan="3">Monday to Sunday including public holidays</th></tr><tr><th>7am - 6pm</th><th>6pm -10pm</th><th>10pm - 7am</th></tr><tr><td></td><td colspan="3">Noise measured at a sensitive place</td></tr><tr><td>Yuleba-Taroom Road</td><td>45</td><td>35</td><td>30</td></tr><tr><td>All other locations</td><td>50</td><td>35</td><td>30</td></tr></table> Associated monitoring requirements i) All monitoring devices must be correctly calibrated and maintained. ii) Any monitoring must be in accordance with the most recent version of the administering authority's <i>Noise Measurement Manual</i>. iii) Any monitoring of noise emissions from the activity must be undertaken when the activity is in operation.	Noise level dB(A) measured as L Aeq adj, T at:	Monday to Sunday including public holidays			7am - 6pm	6pm -10pm	10pm - 7am		Noise measured at a sensitive place			Yuleba-Taroom Road	45	35	30	All other locations	50	35	30
Noise level dB(A) measured as L Aeq adj, T at:	Monday to Sunday including public holidays																			
	7am - 6pm	6pm -10pm	10pm - 7am																	
	Noise measured at a sensitive place																			
Yuleba-Taroom Road	45	35	30																	
All other locations	50	35	30																	
N2	When required by the administering authority, noise monitoring must be undertaken in accordance with the associated monitoring requirements of <i>Table 1—Noise Limits</i>, and the results notified within 14 days to the administering authority. Monitoring must include: (i) L_{Aeq, adj, T} (ii) Background noise (Background) as L_{A 90, adj, T} (iii) MaxL_{pA,r} (iv) the level and frequency of occurrence of any impulsive or tonal noise (v) atmospheric conditions including wind speed and direction (vi) effects due to extraneous factors such as traffic noise (vii) location, date and time of recording.																			

Agency interest: Land	
Condition number	Condition
L1	Land that has been disturbed for activities conducted under this environmental authority must be rehabilitated in a manner such that: (i) suitable native species of vegetation for the location are established and sustained for earthen surfaces (ii) potential for erosion is minimised (iii) the quality of water, including seepage, released from the site does not cause environmental harm (iv) potential for environmental nuisance caused by dust is minimised (v) the water quality of any residual water body does not have potential to cause environmental harm (vi) the final landform is stable and protects public safety.
Agency interest: Waste	
Condition number	Condition
WS1	Waste must only be removed from the site by a transporter lawfully able to transport it to a place lawfully able to receive it.

Conditions for Part 3

Location and relevant activities

Part	Environmentally relevant activities	Locations
Part 3	16-1(a) dredging, in a year, more than 1000t but not more than 10,000t of material	Bungeworgorai Creek 1 ROMA QLD 4455 Adjacent to Lot 2 Plan SP118798 Bungeworgorai Creek 2 ROMA QLD 4455 - Adjacent to Lot 116 Plan WAL53322 and Adjacent to Lot 67 Plan SP222879 Bungeworgorai Creek 3 ROMA QLD 4455 - Adjacent to Lot 2 Plan SP118798 and Adjacent to Lot 32 Plan WV482 Snake Creek ROMA QLD 4455 - Adjacent to Lot 3 Plan WV348
Part 3	16-1(a) dredging, in a year, more than 1000t but not more than 10,000t of material	Yuleba-Taroom Road, Yuleba North — Adjacent to part of Lot 368 Plan FTY535 formerly Lot 42 Plan WV634 and Adjacent to Lot 43 Plan WV1313
Part 3	16-3(a) screening, in a year, more than 5000t but not more than 100,000t of material	Yuleba-Taroom Road, Yuleba North - Lot 43 Plan WV1313

In addition to the conditions in Part 2, 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: Biodiversity	
Condition number	Condition
B1	In carrying out dredging activity all reasonable and practicable measures must be taken to prevent and/or minimise harm to: a) Woodland fringing drainage lines at Bungeworgorai Creek 1. b) Endangered Regional Ecosystems 11.9.10 (<i>Acacia harpophylla</i>, <i>Eucalyptus populnea</i> open forest) at Bungeworgorai Creek 2 and Snake Creek. c) Endangered Regional Ecosystems 11.3.25 (<i>Eucalyptus tereticornis</i> or <i>E. camaldulensis</i> woodland fringing drainage lines) at Bungeworgorai Creek 3. d) Of Concern Regional Ecosystem 11.3.25/11.3.2 (<i>Eucalyptus tereticornis</i> or <i>E. camaldulensis</i> woodland fringing drainage lines/ <i>Eucalyptus populnea</i> woodland on alluvial plains) at Yuleba-Taroom Road, Yuleba North.

Conditions for Part 4

Location and relevant activities:

Part	Environmentally relevant activities	Location
Part 4	16-3(a) screening, in a year, more than 5000t but not more than 100,000t of material	Blythdale Road, Blythdale - Lot 129 Plan WV908, Lot 89 Plan WV456, Lot 1 Plan SP261935, Lot 95 Plan SP261935, Lot 94 Plan SP261935, Lot 77 Plan WV975 and Lot 88 Plan WV456
Part 4	16-3(a) screening, in a year, more than 5000t but not more than 100,000t of material	Yuleba-Taroom Road, Yuleba North - Lot 43 Plan WV1313

In addition to the conditions in Part 2 for Blythdale, and Parts 2 and 3 for Yuleba North, the environmentally relevant activities conducted at the location as described above must be conducted in accordance with the following site specific conditions of approval

Agency interest: Scale of the activity	
Condition number	Condition
S1	A maximum of 10 screening sites are permitted, consisting of: i) Four (4) screening sites in the Northern section encompassing Lot 88 WV456, Lot 89 WV456, Lot 1 Plan SP261935, Lot 95 Plan SP261935, Lot 94 Plan SP261935, and Lot 129 WV908. i) Four (4) sites in the Southern section on Lot 77 WV975. ii) Two (2) sites on Lot 43 WV1313.
S2	The maximum area of disturbance caused by screening sites should not exceed 10ha.
S3	Only existing cleared land and roads are to be used to conduct the activities.
S4	Screening sites must be a minimum of: i) 50m but no more than 250m from Blyth Creek at Blythdale Road, Blythdale; and ii) 50m from the high banks of any watercourse, lake or wetland at Yuleba-Taroom Road, Yuleba North.

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 **L_{A90,T}** being the A-weighted sound pressure level exceeded for 90 per cent of the time period of not less than 15 minutes, using Fast response.

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

Dredging means the mechanical removal of material from below naturally occurring surface waters. It excludes minor adjustments to the bed surface to level troughs and peaks and where bed material is only redistributed locally (bed levelling)

Environmental value —

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

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

Land means any land, whether above or below the ordinary high-water mark at spring tides (i.e. includes **tidal land**).

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

Measures has the broadest interpretation and includes:

- **Procedural measures** such as standard operating procedures for dredging operations, environmental risk assessment, management actions, departmental direction and competency expectations under relevant guidelines
- **Physical measures** such as plant, equipment, physical objects (such as bunding, containment systems etc.), ecosystem monitoring and bathymetric surveys.

NATA means National Association of Testing Authorities.

Nominated delegate means another government agency that provides services to the **administering authority**.

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

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

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

Release of a contaminant into the environment means to:

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

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

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 park or garden; or
7. for noise, a place defined as a sensitive receptor for the purposes of the Environmental Protection (Noise) Policy 2008.

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

Wetland means an area classified as wetland on the Queensland Wetland Mapping.

You means the holder of the environmental authority.

END OF PERMIT