Permit

Environmental Protection Act 1994

Environmental authority EPPR02311214

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

Environmental authority number: EPPR02311214

Environmental authority takes effect on 19 November 2019.

The anniversary date of this environmental authority is 2 July each year. The payment of the annual fee will be due each year on this day.

Environmental authority holder(s)

Name(s)	Registered address
ROBERTS. BROS. HOLDINGS PTY. LTD.	120 Lone Hand Rd EUMUNDI QLD 4562

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
ERA 16 - Extraction and Screening - 2(a) - Extracting, other than by dredging, in a year, the following quantity of material - 5,000t to 100,000t	2/SP236876
ERA 16 - Extraction and Screening - 3(a) - Screening, in a year, the following quantity of material - 5,000t to 100,000t	2/SP236876
ERA 16 - Extraction and Screening - 3(a) - Screening, in a year, the following quantity of material - 5,000t to 100,000t	39/RP42804
ERA 16 - Extraction and Screening - 2(a) - Extracting, other than by dredging, in a year, the following quantity of material - 5,000t to 100,000t	39/RP42804
ERA 16 - Extraction and Screening - 2(a) - Extracting, other than by dredging, in a year, the following quantity of material - 5,000t to 100,000t	44/MCH237

ABN 46 640 294 485

Queensland Government

Environmentally relevant activity/activities	Location(s)
ERA 16 - Extraction and Screening - 3(a) - Screening, in a year, the following quantity of material - 5,000t to 100,000t	44/MCH237

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

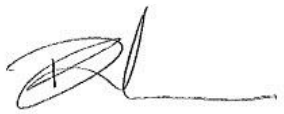
c) otherwise on the day the authority is issued.

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.

The anniversary day of this environmental authority is the same day each year as the original take effect date unless you apply to change the anniversary day. The payment of the annual fee will be due each year on this day. An annual return will be due each year on 01 April.

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.



Signature

07 February 2022

Date

Derek Robson
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Permit and Licensing/Regulatory Support
Department of Environment and Science
GPO Box 2454, Brisbane QLD 4000
Tel: 1300 130 372 (option 4)
Email: palm@des.qld.gov.au

Privacy statement

Pursuant to section 540 of the EP Act, the Department is required to maintain a register of certain documents and information authorised under the EP Act. A copy of this document will be kept on the public register. The register is available for inspection by members of the public who are able take extracts, or copies of the documents from the register. Documents that are required to be kept on the register are published in their entirety, unless alteration is required by the EP Act. There is no general discretion allowing the Department to withhold documents or information required to be kept on the public register. For more information on the Department's public register, search 'public register' at www.qld.gov.au. For queries about privacy matters please email privacy@des.qld.gov.au or telephone 13 74 68.

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)

Other permits required

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, other business units within the department 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 Resources (to clear vegetation), and the Department of Agriculture and Fisheries (to clear marine plants or to obtain a quarry material allocation).

Obligations under the *Mining and Quarrying Safety and Health Act 1999*

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 https://www.rshq.qld.gov.au/, or phone 13 QGOV (13 74 68) or your local Mines Inspectorate Office.

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. If you are unsure that you have the most current version of the environmental authority relating to this site please visit https://apps.des.qld.gov.au/env-authorities/ to access all environmental authorities currently approved.

Conditions of environmental authority

<table>
<tr><th colspan="2">Agency interest: General</th></tr>
<tr><th>Condition number</th><th>Condition</th></tr>
<tr><td>G1</td><td>Activities conducted under this environmental authority must be conducted in accordance with the following limitations:
1. Extraction must only occur within the:
a. ‘Stage 1 Approved Extraction Area’ in Appendix 1
b. ‘Stage 2 Proposed Extraction Area’ in Appendix 1, as bounded by the GPS points in Table – GPS points for stage 2 extraction area.
Table – GPS points for stage 2 extraction area
<table>
<tr><th>GPS point descriptor</th><th>Easting</th><th>Northing</th></tr>
<tr><td>A</td><td>454627.1</td><td>7113310.6</td></tr>
<tr><td>B</td><td>454638.4</td><td>7113313.5</td></tr>
<tr><td>C</td><td>454674.9</td><td>7113315.3</td></tr>
<tr><td>D</td><td>454685.7</td><td>7113306.6</td></tr>
<tr><td>E</td><td>454714.3</td><td>7113317.9</td></tr>
<tr><td>F</td><td>454729.2</td><td>7113281.1</td></tr>
<tr><td>G</td><td>454729.7</td><td>7113248.0</td></tr>
<tr><td>H</td><td>454722.5</td><td>7113198.1</td></tr>
<tr><td>I</td><td>454694.8</td><td>7113207.8</td></tr>
</table>
2. Extraction must not occur below standing groundwater level.
3. Screening and stockpiling must only occur within the ‘Proposed screening and stockpile area’ in Appendix 1.
4. The amount of material extracted per year must not exceed 100,000 tonnes per annum.
5. The amount of material screened per year must not exceed 100,000 tonnes per annum.
6. Activities must not occur within 40 m of the high banks of waters.</td></tr>
<tr><td>G2</td><td>Any breach of a condition of this environmental authority must be reported to the administering authority as soon as practicable within 24 hours of becoming aware of the breach. Records must be kept including full details of the breach and any subsequent actions taken.</td></tr>
<tr><td>G3</td><td>Other than as permitted by this environmental authority, the release of a contaminant into the environment must not occur.</td></tr>
</table>

G4	All reasonable and practicable **measures** must be taken to prevent or minimise **environmental harm** caused by the **activities**.
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 National Association of Testing Authorities (**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 within 10 business days to the **administering authority** upon its request.
G9	The **activity** must be undertaken in accordance with written procedures that: 1. identify potential risks to the environment from the **activity** during routine operations, closure and an emergency 2. establish and maintain control **measures** that minimise the potential for **environmental harm** 3. ensure plant, equipment and **measures** are maintained in a proper and effective condition 4. ensure plant, equipment and **measures** are operated in a proper and effective manner 5. ensure that staff are trained and aware of their obligations under the *Environmental Protection Act 1994* 6. ensure that reviews of environmental performance are undertaken at least annually.
G10	Storage of **chemicals** and fuels in bulk or in containers of greater than 15 litres must be within a **secondary containment system** and releases from the containment system controlled in a manner that prevents **environmental harm**.
Agency interest: Waste	
Condition number	**Condition**
W1	All waste generated in carrying out the **activity** must be reused, recycled or removed to a **facility** that can lawfully accept the waste.
Agency interest: Air	

Condition number	Condition
A1	Other than as permitted within this environmental authority, odours or airborne **contaminants** must not cause **environmental nuisance** to any **sensitive place** or **commercial place**.
A2	Dust and particulate matter emissions must not exceed the following concentrations at any **sensitive place** or **commercial place**: a) dust deposition of 120 milligrams per square metre per day, when monitored in accordance with Australian Standard AS 3580.10.1 (or more recent editions), or b) a concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (µm) (PM10) suspended in the atmosphere of 50 micrograms per cubic metre over a 24 hour averaging time, when monitored in accordance with Australian Standard AS 3580.9.6 (or more recent editions) or any other method approved by the **administering authority**.
Agency interest: Land	
Condition number	**Condition**
L1	Other than as permitted within this environmental authority, **contaminants** 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: 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.
L3	Rehabilitation of **disturbed areas** required under condition L3 must take place progressively as works are staged and new extraction areas are commenced.
Agency interest: Acoustic	
Condition number	**Condition**
N1	Other than as permitted within this environmental authority, noise generated by the **activity** must not cause **environmental nuisance** to any **sensitive place** or **commercial place**.

<table>
<tr><td>N2</td><td>Noise from the activity must not exceed the levels identified in Table - Noise limits when measured in accordance with the associated monitoring requirements.
Table - Noise limits
<table>
<tr><td></td><td colspan="3">Monday to Saturday</td><td colspan="3">Sunday and Public Holidays</td></tr>
<tr><td rowspan="2"></td><td>7am–6pm</td><td>6pm–10pm</td><td>10pm–7am</td><td>7am–12pm</td><td>12pm–10pm</td><td>10pm–7am</td></tr>
<tr><td colspan="6">Noise measured at the sensitive place*</td></tr>
<tr><td>LA10, adj, 10 mins</td><td>Bkg** + 5</td><td>Bkg + 0</td><td>Bkg + 0</td><td>Bkg + 5</td><td>Bkg + 0</td><td>Bkg + 0</td></tr>
<tr><td>LA1, adj, 10 mins</td><td>Bkg + 10</td><td>Bkg + 0</td><td>Bkg + 0</td><td>Bkg + 10</td><td>Bkg + 0</td><td>Bkg + 0</td></tr>
<tr><td></td><td colspan="6">Noise measured at the commercial place</td></tr>
<tr><td>LA10, adj, 10 mins</td><td>Bkg + 10</td><td>Bkg + 10</td><td>Bkg + 5</td><td>Bkg + 10</td><td>Bkg + 10</td><td>Bkg + 5</td></tr>
<tr><td>LA1, adj, 10 mins</td><td>Bkg + 15</td><td>Bkg + 15</td><td>Bkg + 10</td><td>Bkg + 15</td><td>Bkg + 15</td><td>Bkg + 10</td></tr>
</table>
* A residential dwelling at the location is not considered to be a sensitive place, so long as a contractual arrangement exists between you and the owner of the dwelling
** Bkg means Background

Associated monitoring requirements
1. All monitoring devices must be calibrated and maintained according to the manufacturer's instruction manual.
2. Any monitoring must be in accordance with the most recent version of the administering authority's Noise Measurement Manual.
3. Any monitoring of noise emissions from the activity must be undertaken when the activity is in operation.
4. Monitoring location must be in accordance with a noise management plan.</td></tr>
<tr><td>N3</td><td>When required by the administering authority, noise monitoring must be undertaken in accordance with the associated monitoring requirements of Table - Noise Limits, and the results notified within 14 days to the administering authority. Monitoring must include:
1. LAeq, adj, T
2. LA1, adj, 10 mins
3. LA10, adj, 10 mins
4. Background noise (Background) as LA 90, adj, T
5. MaxLpA,T
6. the level and frequency of occurrence of any impulsive or tonal noise
7. atmospheric conditions including wind speed and direction
8. effects due to extraneous factors such as traffic noise
9. recording of location, date and time of measurements.</td></tr>
<tr><td>N4</td><td>Blasting or the generation of substantial low frequency noise is not permitted.</td></tr>
</table>

Agency interest: Water	
Condition number	**Condition**
WA1	Other than as permitted within this environmental authority, **contaminants** must not be released to any **waters**.
WA2	**Stormwater contaminated by the activity** must be managed to minimise or prevent any adverse impacts on the values of the receiving environment.
WA3	Erosion and sediment control **measures** must be implemented and maintained to minimise erosion and the release of sediment.

1.1 Definitions

Key terms and/or phrases in this environmental authority are defined in this section. 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 EA requirement and can give authoritative assessment, advice and analysis in relation to the EA requirements using the relevant protocols, standards, methods or literature.

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

Blasting is the use of explosives to fracture:

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

Chemical as defined in Schedule 12, Part 2 of the Environmental Protection Regulation 2008.

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.

Contaminant(s) as defined in Section 11 of the *Environmental Protection Act 1994.*

Disturbed areas includes areas:

1. that are susceptible to erosion;
2. that are contaminated by the activity; and/or
3. upon which stockpiles of soil or other materials are located.

Environmental harm as defined in Section 14 of the *Environmental Protection Act 1994.*

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

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.

Facility the area used for carrying out the ERA including any buildings, disturbed areas or any associated infrastructure.

Groundwater means water that occurs naturally in, or is introduced artificially into, an aquifer.

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

$\mathbf{L_{Aeq,\ adj,\ T}}$ means the adjusted A weighted equivalent continuous sound pressure level measured 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.

$\mathbf{Max_{LpA,T}}$ 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 **contaminant**s listed within Schedule 9 of the Environmental Protection Regulation 2008.

Records include breach notifications, written procedures, analysis results, monitoring reports and monitoring programs required under a condition of this authority.

Release of a contaminant into the environment means to:

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

Secondary containment system means a system designed, installed and operated to prevent any release of **contaminants** from the system, or containers within the system, to **land**, groundwater, or surface **waters**.

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.

Stormwater that is not contaminated by the activity includes stormwater runoff from external or undisturbed catchments.

Substantial low frequency noise means a noise emission that has an unbalanced frequency spectrum shown in a one-third octave band measurement, with a predominant component within the frequency range 10 to 200 Hz. It includes any noise emission likely to cause an overall sound pressure level at a **sensitive place** exceeding 55 dB(Z).

You means the holder of the environmental authority.

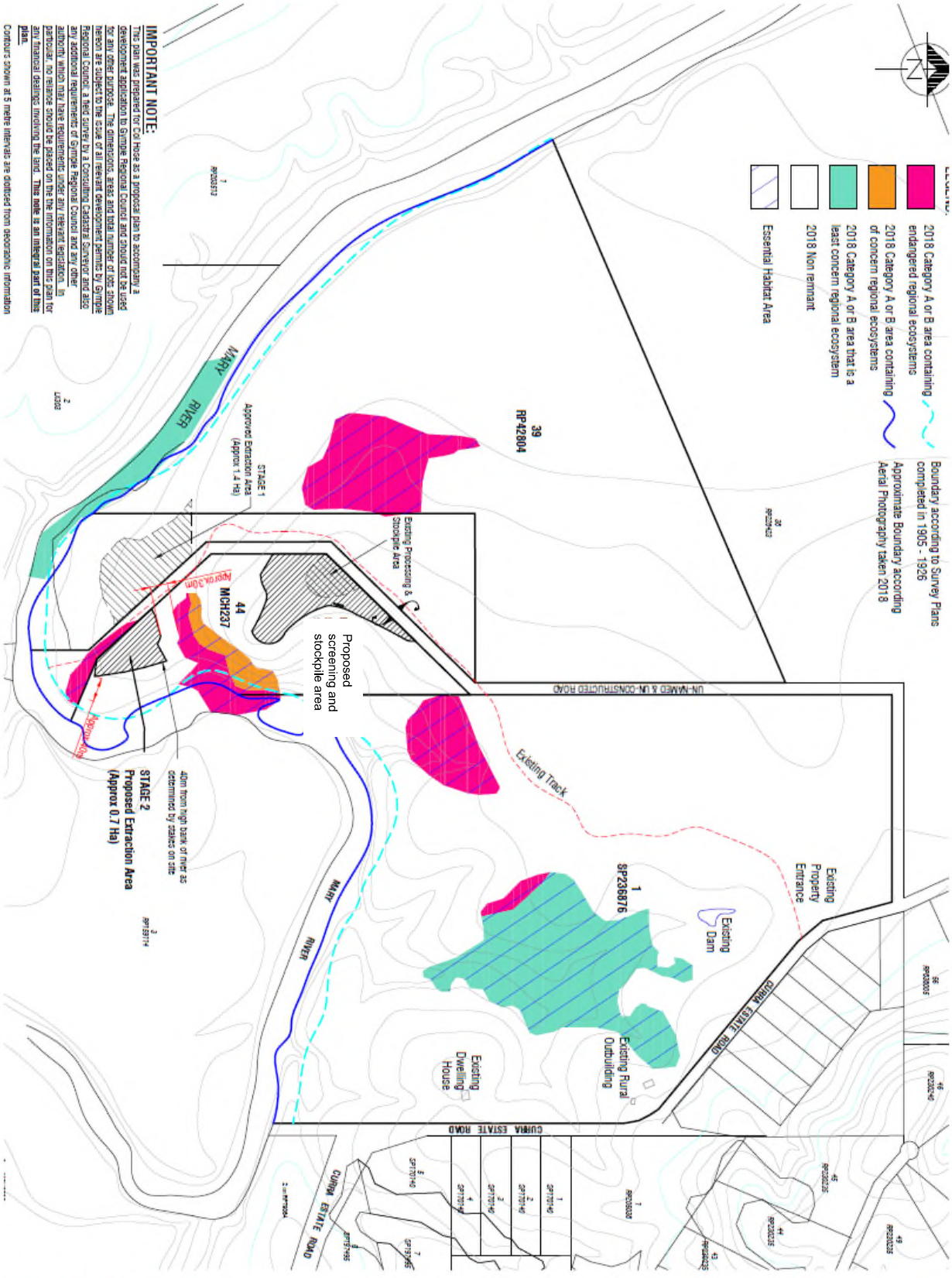
Vibration is the oscillating or periodic motion of a particle, group of particles, or solid object about its equilibrium position.

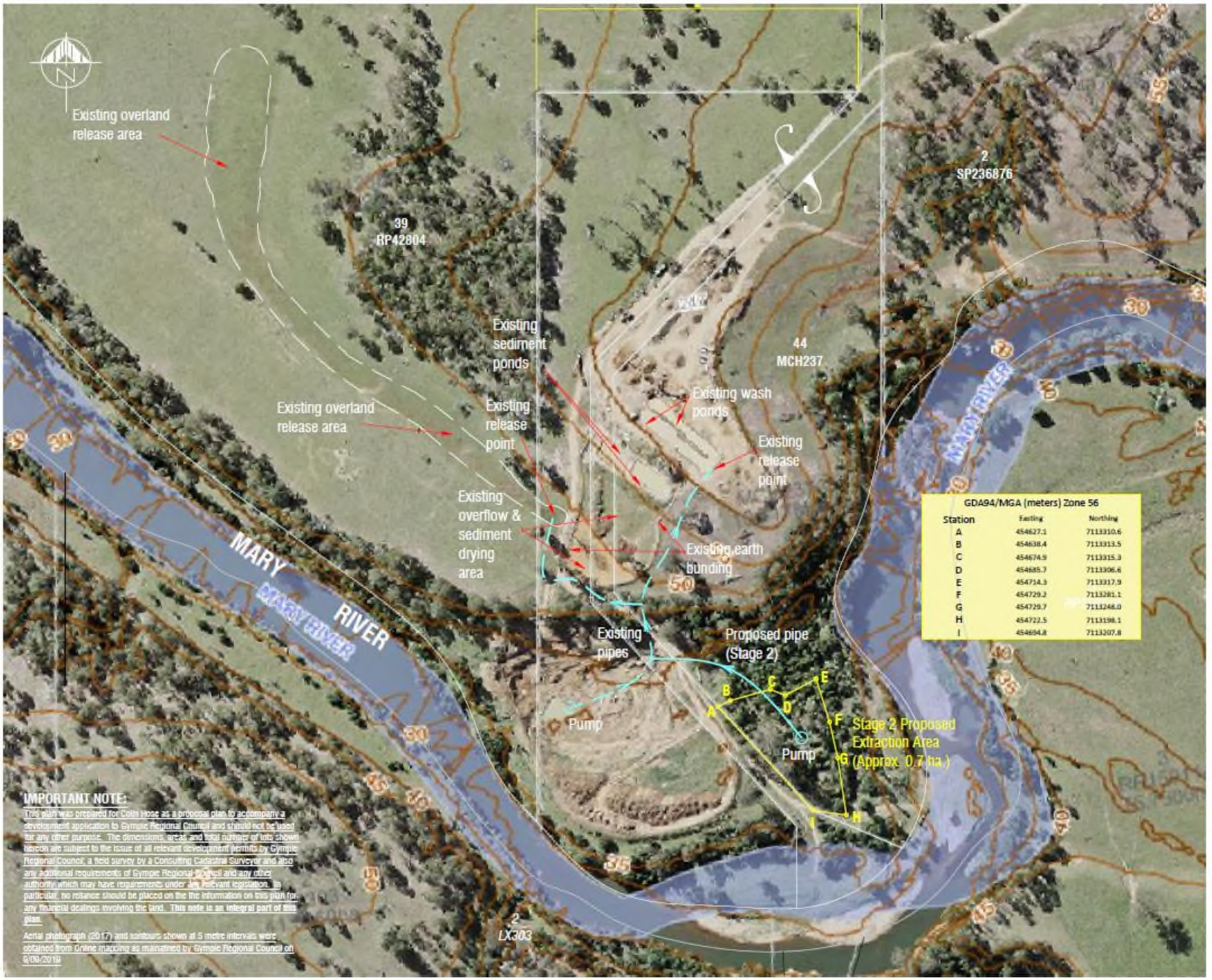
Waters includes river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water, natural or artificial watercourse, bed and bank of any **waters**, dams, non-tidal or tidal **waters** (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater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

Watercourse as defined in Section 8, Schedule 12 of the Environmental Protection Regulation 2008.

Wetland as defined in Schedule 12 of the Environmental Protection Regulation 2008, means an area shown as a wetland on the map of referable wetlands.

1.2 Appendix 1





GDA94/MGA (meters) Zone 56

Station	Easting	Northing
A	454627.1	7113310.6
B	454638.4	7113313.5
C	454674.9	7113315.3
D	454685.7	7113306.6
E	454714.3	7113317.9
F	454729.2	7113281.1
G	454729.7	7113246.0
H	454722.5	7113198.1
I	454694.8	7113207.8

IMPORTANT NOTE:

This plan was prepared for Colin Hose as a proposal plan to accompany a development application to Gympie Regional Council and should not be used for any other purpose. The dimensions, areas and total number of lots shown hereon are subject to the issue of all relevant development permits by Gympie Regional Council, a field survey by a Consulting Cadastral Surveyor and also any additional requirements of Gympie Regional Council and any other authority which may have requirements under any relevant legislation. In particular, no reliance should be placed on the the information on this plan for any financial dealings involving the land. This note is an integral part of this plan.

Aerial photograph (2017) and contours shown at 5 metre intervals were obtained from Online mapping as maintained by Gympie Regional Council on 6/09/2019

martoo consulting

- Town Planning
- Urban Design
- Development Management

Sunshine Coast:
13/ 9-12 Bottlebrush Avenue
Noosa Heads
P.O.Box 1684
Noosa Heads QLD 4567
Ph: 07 54472550

Gympie:
38 Nash Street
P.O. Box 391
Gympie QLD 4570
Ph: 07 54807440

R.P.D

Lot 44 on MCH237,
Lot 39 on RP42804 &
Lot 2 on SP236876

247 Curra Estate Road, Curra

Local Authority:
GYMPIE REGIONAL COUNCIL

DEVELOPMENT SUMMARY

Total Site Area:
122.693 ha approx.

PROJECT

Extractive Industry

Applicant:
Colin Hose

Detail:
Stormwater Management Plan

Scale: 1:3000 (A3)
Date: 8/10/2019

Drawn By:
GFM - MARTOO CONSULTING

Reference No.:
D-01044-06-B

END OF ENVIRONMENTAL AUTHORITY