Queensland Government

Department of
Environment and Heritage Protection

08-APR-2015

To: Department of Transport and Main Roads
PO Box 1089
TOWNSVILLE QLD 4810

Email: ben.a.cotton@tmr.qld.gov.au

Your reference: EPPR03008615
Our reference: 427497

Administrative Amendment to Environmental Authority EPPR3008615 - Yellow Gin Creek Bridge

We enclose the above amended environmental authority. The only amendment made was to the permit number (previously EPPR02999615, now EPPR03008615). The required notice under the *Environmental Protection Act 1994* is also enclosed.

Should you have any further enquiries, please contact David Quin on telephone 07 3330 5784.

Yours sincerely

Signature	8/4/15 Date

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

Enclosed

1. Notice – Amendment of an environmental authority by the administrating authority
2. Permit - environmental authority (reference EPPR03008615)

David Quin
Government Organisations and Utilities Assessment
Department of Environment and Heritage Protection
GPO Box 2454
Brisbane Queensland 4001
Phone: 07 3330 5784
E-mail: david.quin@ehp.qld.gov.au
Website **www.ehp.qld.gov.au**
ABN 46 640 294 485

Notice

Environmental Protection Act 1994

Amendment of an environmental authority by the administering authority

This notice is issued by the administering authority[1]*, pursuant to section 211 of the* Environmental Protection Act 1994 *to advise that an environmental authority is being amended.*

To: Department of Transport and Main Roads
PO Box 1089
TOWNSVILLE QLD 4810

Email: ben.a.cotton@tmr.qld.gov.au

Your reference: EPPR03008615
Our reference: 427497

Amendment of an environmental authority to correct a clerical error

1. Environmental authority details

Environmental authority number EPPR03008615 dated 31-Mar-2015.

Land description: Yellow Gin Creek Bridge Lot 31 Plan SP116359, Lot 32 Plan SP116359, Lot 2 Plan RP720585, Lot 1 Plan SB433.

2. Amendment

The administering authority has become aware that there is a clerical error on the environmental authority that requires correction. This correction is minor in nature and will not adversely impact your interests or anyone else. As a result, the following amendment has been made to your environmental authority:

The permit number has been changed from EPPR02999615 to EPPR03008615.

3. Grounds for the decision

The environmental authority was previously issued with a superseded permit number. The correct number (EPPR03008615) is reflected in the amended environmental authority.

4. Review and appeal rights

You may apply to the administering authority for a review of this decision within 10 business days after receiving this notice. You may also appeal against this decision to the Planning and Environment Court.

[1] The Department of Environment and Heritage Protection is the administering authority under the *Environmental Protection Act 1994*.

Signature

8/4/15
Date

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

Enquiries:
David Quin
Government Organisations and Utilities Assessment
Department of Environment and Heritage Protection
GPO Box 2454
Brisbane Queensland 4001
Phone: 07 3330 5784
E-mail: david.quin@ehp.qld.gov.auau

Permit[1]

Environmental Protection Act 1994

Environmental authority

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

Permit[1] number: EPPR03008615

Environmental authority takes effect when your related development application SDA-0315-018942 is approved.

The first annual fee is payable within 20 business days of the effective date.

Environmental authority holder(s)

Name	Registered address
Department of Transport and Main Roads	PO Box 1089 TOWNSVILLE QLD 4810

Environmentally relevant activity and location details

Environmentally relevant activity(ies)	Location(s)
16-(1a) Dredging >1000t but <10000t yr	Yellow Gin Creek Bridge - Lot 31 Plan SP116359, Lot 32 Plan SP116359, Lot 2 Plan RP720585 and Lot 1 Plan SB433

Additional information for applicants

Environmentally relevant activities

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

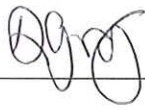
An environmental authority authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the authority specifically authorises environmental harm.

A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

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

Contaminated land

It is a requirement of the EP Act that if an owner or occupier of land becomes aware a notifiable activity (as defined in Schedule 3 and Schedule 4) is being carried out on the land, or that the land has been, or is being, contaminated by a hazardous contaminant, the owner or occupier must, within 22 business days after becoming so aware, give written notice to the chief executive.

	8/4/15
Signature	Date

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

Enquiries:
David Quin
Government Organisations and Utilities Assessment
Department of Environment and Heritage Protection
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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 of environmental authority

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

Agency interest: General	
Condition number	**Condition**
G1	The **activity** conducted under this environmental authority must not be conducted contrary to any of the following limitations: The **activity** is only to be conducted within the area marked as the extents of proposed channel excavation in **Attachment 1**, being extracts from drawing SK-6332248-00014 prepared by AECOM Australia Pty Ltd and dated 23 January 2015.
G2	All reasonable and practicable **measures** must be taken to minimise the likelihood of environmental harm being caused.
G3	Any breach of a condition of this environmental authority, must be reported to the **administering authority** as soon as practicable, or at most, within 24 hours of **you** becoming aware of the breach. Records must be kept including full details of the breach and any subsequent actions undertaken.
G4	Other than as permitted by this environmental authority, the **release of a contaminant into the environment** must not occur.
G5	All information and records that are required by the conditions of this environmental authority must be kept for a minimum of five (5) years. Environmental monitoring results must be kept until surrender of this environmental authority. All information and records required by the conditions of this environmental authority must be provided to the **administering authority** upon request.
G6	An **appropriately qualified person(s)** must monitor, record and interpret all parameters that are required to be monitored by this environmental authority and in the manner specified by this environmental authority.
G7	All analyses required under this environmental authority must be carried out by a laboratory that has **NATA** certification, or an equivalent certification, for such analyses.

G8	When required by the **administering authority**, monitoring must be undertaken in the manner prescribed by the **administering authority**, to investigate a complaint that is not considered by the **administering authority** to be frivolous or vexatious, of environmental nuisance arising from the activity. The monitoring results must be provided to the **administering authority** upon request.
G9	The **activity** must be undertaken in accordance with written procedures that: 1. identify potential risks to the environment from the **activity** during routine operations, closure and an emergency 2. establish and maintain control **measures** that minimise the potential for environmental harm 3. ensure plant, equipment and **measures** are maintained in a proper and effective condition 4. ensure plant, equipment and **measures** are operated in a proper and effective manner 5. ensure that staff are trained and aware of their obligations under the Environmental Protection Act 1994; and 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 outside the high banks of any watercourse.

Agency interest: Air	
Condition number	**Condition**
A1	Odours or airborne contaminants which are **noxious** or **offensive** or otherwise unreasonably disruptive to public amenity or safety must not cause nuisance to any **sensitive place** or **commercial place**.

Agency interest: Water	
Condition number	**Condition**
WT1	The release to **waters** must not: 1. have any properties at a concentration that is capable of causing environmental harm 2. produce any slick or other visible evidence of oil or grease, nor contain visible floating oil, grease, scum, litter or other visually objectionable matter.
WT2	The stormwater runoff from disturbed areas, generated by (up to and including) a **24 hour storm event with an average recurrence interval of 1 in 5 years** must be retained on site or managed to remove contaminants before release.

Agency interest: Noise	
Condition number	**Condition**
N1	Noise generated by the **activity** must not cause **environmental nuisance** to any **sensitive place** or **commercial place**.
N2	**Blasting** or the generation of **substantial low frequency noise** is not permitted.

Agency interest: Land	
Condition number	**Condition**
L1	Treatment and management of acid sulfate soils must comply with the current edition of the *Queensland Acid Sulfate Soil Technical Manual.*
L2	Land that has been disturbed for activities conducted under this environmental authority must be rehabilitated in a manner such that: 1. suitable native species of vegetation for the location are established and sustained for earthen surfaces 2. potential for erosion is minimised 3. the quality of water, including seepage, released from the site does not cause environmental harm 4. potential for environmental nuisance caused by dust is minimised 5. the water quality of any residual water body does not have potential to cause environmental harm 6. the final landform is stable and protects public safety.
L3	Rehabilitation of disturbed areas required under condition L2, must take place progressively as works are staged and new areas of **dredging** are commenced.
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.

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Definitions

Key terms and/or phrases used in this document are defined in this section and **bolded** throughout this document. Applicants should note that where a term is not defined, the definition in the *Environmental Protection Act 1994*, its regulations or environmental protection policies must be used. If a word remains undefined it has its ordinary meaning.

Activity means the environmentally relevant activities, whether resource activities or prescribed activities, to which the environmental authority relates.

Administering authority means the Department of Environment and Heritage Protection or its successor or predecessors.

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

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

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

Blasting is the use of explosives to fracture:

• rock, coal and other minerals for later recovery; or

• structural components or other items to facilitate removal from a site or for reuse.

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

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

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

NATA means National Association of Testing Authorities.

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

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

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

Release of a contaminant into the environment means to:

- deposit, discharge, emit or disturb the contaminant
- cause or allow the contaminant to be deposited, discharged, emitted or disturbed

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- fail to prevent the contaminant from being deposited, discharged emitted or disturbed
- allow the contaminant to escape
- fail to prevent the contaminant from escaping.

Sensitive place includes the following and includes a place within the curtilage of such a place reasonably used by persons at that place:
• a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
• a motel, hotel or hostel; or
• a kindergarten, school, university or other educational institution; or
• a medical centre or hospital; or
• a protected area under the *Nature Conservation Act 1992*, the *Marine Parks Act 1992* or a World Heritage Area; or
• a public thoroughfare, park or gardens; or
• for noise, a place defined as a sensitive receptor for the purposes of the Environmental Protection (Noise) Policy 2008.

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

24 hour storm event with an average recurrence interval of 1 in 5 years means the maximum rainfall depth from a 24 hour duration precipitation event with an average recurrence interval of once in 5 years. *For example, an Intensity-Frequency-Duration table for a 24 hour duration event with an average recurrence interval of 1 in 5 years, identifies a rainfall intensity of 7.09mm/hour. The rainfall depth for this event is therefore 24 hour x 7.09mm/hour = 170.16mm.*

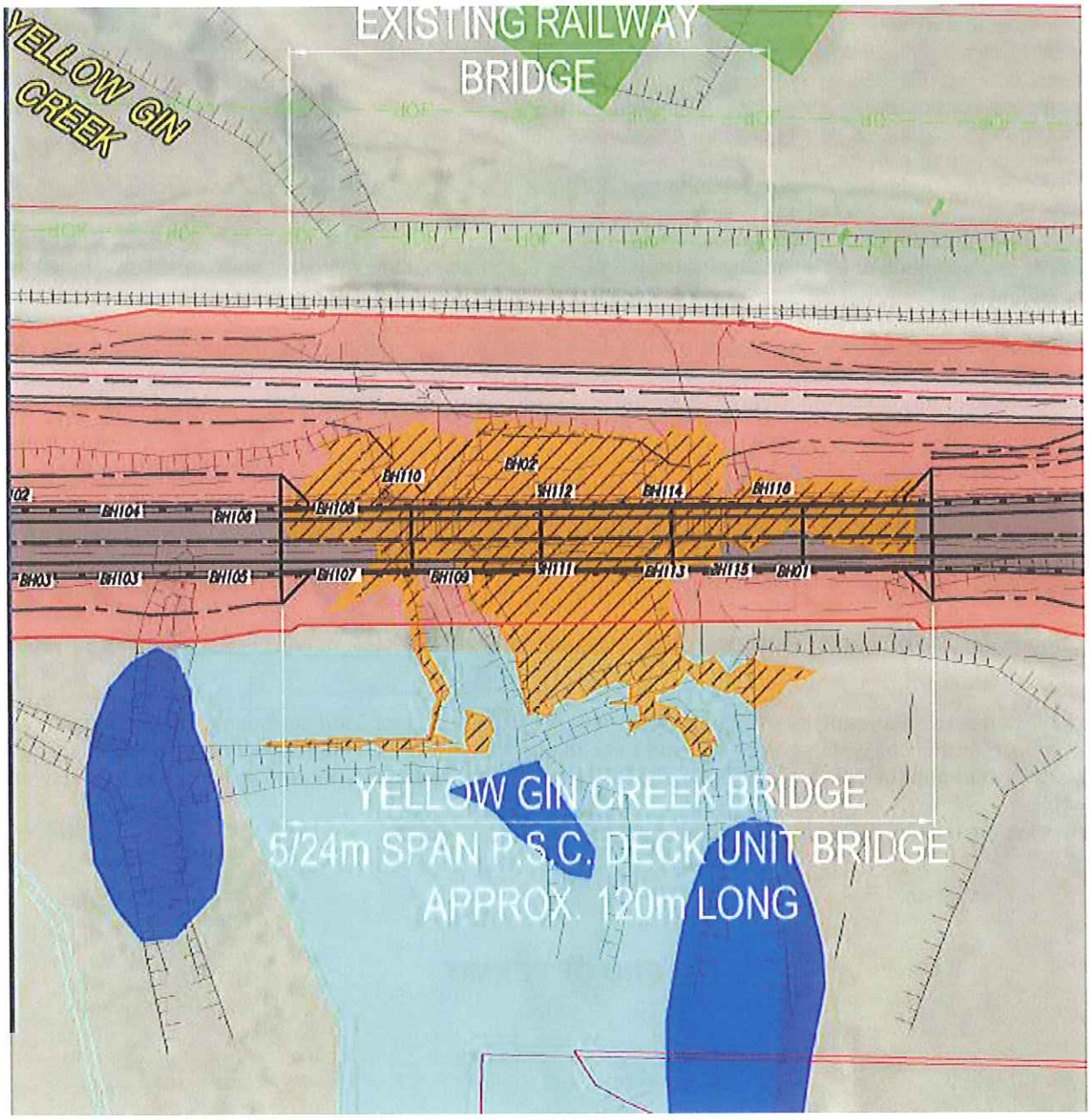
Vibration is the oscillating or periodic motion of a particle, group of particles, or solid object about its equilibrium position.

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

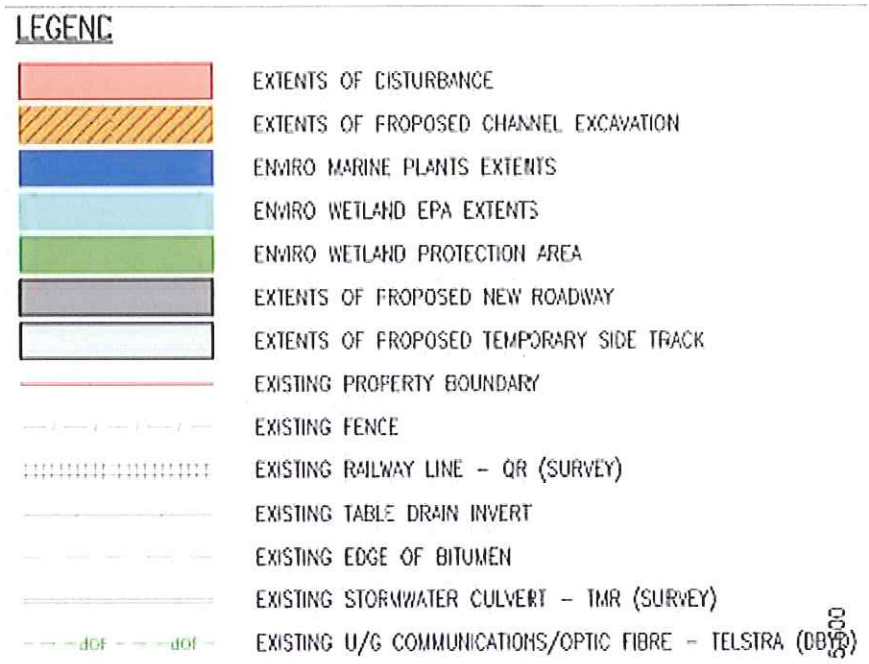
END OF PERMIT

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Attachment 1 – extracts from drawing SK-6332248-00014 prepared by AECOM Australia Pty Ltd and dated 23 January 2015.



Attachment 1 (cont) – extracts from drawing SK-6332248-00014 prepared by AECOM Australia Pty Ltd and dated 23 January 2015.



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