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: Queensland Commodity Exports Pty Ltd
PO Box 817
WYNNUM QLD 4178

Email: adawson@qldcommodity.com.au

POSTED
Registered
49515408OO13

Your reference: EPPR00329513
Our reference: 241130

Amendment of an environmental authority to correct a clerical or formal error.

1. **Environmental authority details**

Environmental authority number EPPR00329513 dated 22-Oct-2009.

Land description: Port Drive FISHERMAN ISLANDS Lot 83 Plan SP108337.

2. **Amendment**

The administering authority has become aware that there is 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:

Change of Environmentally Relevant Activity threshold to reflect the original application submitted to the then Department of Environment and Resource Management.

3. **Grounds for the decision**

The decision to fix this clerical error was made after:

- The original application lodged by Queensland Commodity Exports stated that the wood chipping activity would have an annual limit of 130,000t. At the time the application was lodged the highest threshold for timber milling and wood chipping was operating more than 20,000t a year.
- In 2009 the *Environmental Protection Regulation 2008* was amended. This amendment included an amendment to threshold c, operating between 20,000t and 100,000t and the addition of threshold d, operating more then 100,000t a year.
- At the time of the amendment, Queensland Commodity Exports was allocated ERA 47 threshold c. They should have been allocated ERA 47 threshold d.
- This clerical error was bought to the attention of departmental officers during an inspection of your premises on 9 October 2013.

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

David Cook

Signature

17/12/13.

Date

David Cook
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Leesa Kelly
Level 8 400 George Street
GPO Box 2454
BRISBANE CITY QLD 4000
Phone: (07) 3330 6337
Fax: (07) 3330 5754
Email: leesa.kelly@ehp.qld.gov.au

Attachments

Amended environmental authority (reference EPPR00329513)

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: ENRE00722607

Environmental authority takes effect on 22-OCT-2009.

The anniversary date of this environmental authority is the same day each year as the effective date. An annual return and the payment of the annual fee which is currently $16,680.50 will be due each year on this day.

Environmental authority holder(s)

Name	Registered address
Queensland Commodity Exports Pty Ltd	Port Drive PORT OF BRISBANE QLD 4178

Environmentally relevant activity and location details

Environmentally relevant activity(ies)	Location(s)
47-(d) Timber milling&woodchipping >100000t yr 50-(1a) Bulk mineral handling >100t or 50000t watercourse	Port Drive FISHERMAN ISLANDS - Lot 83 Plan SP108337

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 this 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.

David Cook

Signature

17/12/13

Date

David Cook
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Leesa Kelly
ES-RSD-SER-Brisbane South
Level 8 400 George Street
GPO Box 2454
BRISBANE CITY QLD 4000
Phone: (07) 3330 6337
Fax: (07) 3330 5754
Email: leesa.kelly@ehp.qld.gov.au

Obligations under the *Environmental Protection Act 1994*

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

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

Conditions of environmental authority

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

Agency interest: General	
Condition number	**Condition**
G1	**Prevent and /or minimise likelihood of environmental harm** 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 approval. NOTE: This approval authorises the environmentally relevant activity. It does not authorise environmental harm unless a condition contained within this approval explicitly authorises that harm. Where there is no condition or the approval is silent on a matter, the lack of a condition or silence shall not be construed as authorising harm.
G2	**Maintenance of measures, plant and equipment** The registered operator of this approval must: - install all measures, plant and equipment necessary to ensure compliance with the conditions; and - maintain such measures, plant and equipment in a proper and efficient condition; and - operate such measures, plant and equipment in a proper and efficient manner.

G3	**Site Based Management Plan.** From commencement of an ERA to which this approval relates, 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 the ERA. The SBMP must address the following matters: (a) The operator of the ERA's commitment to achieve specified and relevant environmental goals; (b) Identification of environmental issues and potential impacts; (c) Control measures for routine operations to minimise likelihood of causation of environmental harm; (d) Contingency plans and emergency procedures for non-routine situations; (e) Organisational structure and responsibility; (f) Effective communication; (g) Monitoring of contaminant releases; (h) Conducting environmental impact assessments; (i) Staff training; (j) Record keeping; and (k) Periodic review of environmental performance and continual improvement.
G4	The SBMP must not be implemented or amended in a way that contravenes any condition of this approval.
Agency interest: Air	
Condition number	**Condition**
A1	**Nuisance** 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 authorised place.
A2	**Dust nuisance** The release of dust and/or particulate matter resulting from the activity must not cause an environmental nuisance at any dust sensitive place.

A3	Exceedance of any of the following levels when measured at any dust sensitive place is an environmental nuisance for the purposes of condition A2.
	- Dust deposition of 120 milligrams per square metre per day, when monitored in accordance with Australian Standard AS 3580.10 of 1991; OR
	- A concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (µm) (PM10) suspended in the atmosphere of 150 micrograms per cubic metre over a 24 hour averaging time, at a dust sensitive place downwind of the authorised place, when monitored in accordance with:
	  - Australian Standard AS 3580.9.6 'Ambient air - Particulate matter - Determination of suspended particulate PM10 high-volume sampler with size-selective inlet - Gravimetric method'; or
	  - any alternative method of monitoring PM10 which may be permitted by the 'Air Quality Sampling Manual' as published from time to time by the administering authority.

A4	When requested by the administering authority, dust and particulate monitoring must be undertaken to investigate any complaint of environmental nuisance caused by dust and/or particulate matter, and the results notified within 14 days to the administering authority following completion of monitoring. Monitoring must include: - for a complaint alleging dust nuisance, dust deposition; and - for a complaint alleging adverse health effects caused by dust, the concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (µm) (PM10) suspended in the atmosphere of 150 micrograms per cubic metre over a 24 hour averaging time. - must be carried out a place(s) relevant to the potentially affected dust sensitive places and upwind control sites.

Agency interest: Water

Condition number	**Condition**
W1	**Erosion protection measures and sediment controls** Prevent the release of sediment to waters or a build-up of sediment in any stormwater drain.
W2	**Release of Contaminants to Waters** Contaminants that will or may cause environmental harm must not be directly or indirectly released from the authorised place to any waters or the bed and banks of any waters except: (i) as permitted under the water schedule; or (ii) to a sewer as permitted or otherwise agreed from time to time by the relevant Local Government.
W3	**Description of Release** Overflow from the storm water drain may be released through the outlet of this drain near the northern corner of the site at following coordinates: 2193.7X 3746.3Y (Fishermans Island Grid Coordinates) also known as 516280.5E 6970880.7N (Australian Map Grid Coordinates) The stormwater drain referred to in this condition is the drain that runs perpendicular from Port Drive Service Road and lies outside and adjacent to the north-east boundary of the site.

W4	**Quality Characteristics of Contaminants Released to Waters** The quality of contaminants released to waters must comply, at the sampling and measurement points, with the following quality characteristics: (i) the pH value must not be less than 6.5 and not more than 8.5; (ii) the concentration of Dissolved Oxygen must not be less than 4 milligrams per litre; and (iii) the concentration of suspended solids must not exceed 50 milligrams per litre.
W5	Notwithstanding the quality characteristic limits specified in condition W4, any release of contaminants to waters must comply with the following qualitative characteristics: (i) the release must not have any properties nor contain any contaminants which are capable of causing environmental harm or an environmental nuisance; and (ii) the release must not produce any slick or other visible evidence of oil or grease, nor contain visible floating oil, grease, scum, litter or other objectionable matter.
W6	**Monitoring of Contaminant Releases to Waters** The registered operator of this approval is responsible for the making of determinations of the quality of the contaminants released to any watercourse for the quality characteristics specified in condition W4.
W7	Determinations of the quality of contaminants released to waters to check conformity with the release quality characteristics specified in condition W4 of this approval must be undertaken at the sampling point described as: Sampling Point SP1 -The overflow at coordinates 2193.7X 3746.3Y (Fishermans Island Grid Coordinates also known as 516280.5E 6970880.7N Australian Map Grid Coordinates) from the stormwater drain referred to in condition W3 of this approval.
W8	Determinations of the qualities of contaminants released to waters to check conformity with the release quality characteristics specified in condition W4 of this approval must be undertaken at the following frequency: -quarterly, or in the event of a release.
W9	**Stormwater from the Woodchip Stockpile** Stormwater in the stockpile bunded area must be directed to the collection sump and circulated onto woodchip stockpiles.
W10	The collection sump area must have easy access to allow maintenance, control, and inspection.
W11	The collection sump must be desludged as necessary.
Agency interest: Noise	
Condition number	**Condition**
N1	**Noise nuisance** Noise from activities must not cause an environmental nuisance at any noise sensitive place or any commercial place.
N2	All noise from activities must not exceed the levels specified in Table 1 at any noise sensitive place.

N3	All noise from activities must not exceed the levels specified in Table 2 at any commercial place.
N4	Conditions N2 and N3 apply if: • there are complaints to the administering authority about the level of noise from any source in carrying out the environmentally relevant activities at authorised place; and • the complaints are not frivolous or vexatious or based on mistaken belief.
N5	**Noise monitoring** When requested by the administering authority, noise monitoring must be undertaken to investigate any complaint of noise nuisance, and the results notified within 14 days to the administering authority. Monitoring must include: - $L_{A\ 10,\ adj,\ 10\ mins}$ - $L_{A\ 1,\ adj,\ 10\ mins}$ - the level and frequency of occurrence of impulsive or tonal noise; - atmospheric conditions including wind speed and direction; - effects due to extraneous factors such as traffic noise; and - location, date and time of recording.
N6	The method of measurement and reporting of noise levels must comply with the latest edition of the Administering authorities Noise Measurement Manual.
Agency interest: Land	
Condition number	**Condition**
L1	**Preventing contaminant release to land** 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 AS 1940 - Storage and Handling of Flammable and Combustible
Agency interest: Waste	
Condition number	**Condition**
	There are no conditions under waste.
Agency interest: Community	
Condition number	**Condition**
S1	**Complaint response** 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.

S2	In consultation with the administering authority, cooperate with and participate in any community environmental liaison committee established in respect of either the authorised place specifically, or the industrial estate where the authorised place is located

Monitoring

TABLE 1 – NOISE LIMITS (Noise Sensitive Place)

Noise level dB(A) measured as	Noise measured at a 'Noise sensitive place'					
	Monday to Saturday			Sundays and public holidays		
	7am - 6pm	6pm - 10pm	10pm - 7am	9am - 6pm	6pm - 10pm	10pm - 9am
$L_{A10, adj, 10 mins}$	55	50	40	55	50	40
$L_{A1, adj, 10 mins}$	60	55	45	60	55	45

TABLE 2 – NOISE LIMITS (Commercial Place)

Noise level dB(A) measured as	Noise measured at a 'Commercial place'					
	Monday to Friday			Sundays and public holidays		
	7am - 6pm	6pm - 10pm	10pm - 7am	9am - 6pm	6pm - 10pm	10pm - 9am
$L_{A10, adj, 10 mins}$	60	55	45	60	55	45
$L_{A1, adj, 10 mins}$	65	60	50	65	60	50

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.

"administering authority" means the Department of Environment and Heritage Protection or its successor.

"authorised place" means the place authorised under this approval /development approval for the carrying out of the specified environmentally relevant activities.

"this authority" means this approval /development approval.

"commercial place" means a place used as an office or for business or commercial purposes.

"dust sensitive place" means -

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

  and includes the curtilage of any such place.

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

- a house, unit, motel, nursing home or other building or part of a building;
- a caravan, mobile home or other vehicle or structure on land;
- a water craft in a marina.

"intrusive noise" means noise that, because of its frequency, duration, level, tonal characteristics, impulsiveness or vibration -

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

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

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

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

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

"mg/L" means milligrams per litre.

"noxious" means harmful or injurious to health or physical well being.

"nuisance sensitive place" includes -

- 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
- 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.

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

"noise sensitive place" means -

- a dwelling, mobile home or caravan park, residential marina or other residential premises; or
- a motel, hotel or hostel; or
- a kindergarten, school, university or other educational institution; or
- a medical centre or hospital; or
- a protected area; or
- a park or gardens.

and includes the curtilage of such place.

"odour sensitive place" has the same meaning as a "dust sensitive place"

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

"protected area" means -

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

"site" means the place to which this approval relates or the premises to which this development approval relates.

"vibration sensitive place" means places that experience (or will experience) offensive ground vibration from the mining vibration source/s under consideration. In determining these places, the following need to be considered: existing background vibration levels, exact vibration source locations, distance from source/s (or proposed source/s) to receiver and intervening geological structure.

"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 any under groundwater, any part-thereof.

"you" means the registered operator of this approval or owner / occupier of the land which is the subject of this Environmental Authority.

END OF PERMIT

ENVIRONMENTAL PROTECTION ACT 1994

Queensland Government
Environmental Protection Agency
Queensland **Parks and Wildlife Service**

Southern Regional Office (Brisbane)
GPO Box 2771 BRISBANE QLD 4001
Phone: (07) 3224 5641 Fax: (07) 3225 8723
www.env.qld.gov.au ABN: 87221158786

Integrated Authority No. SR2297

Section 311 *Environmental Protection Act 1994*

This integrated authority, issued in accordance with section 311 of the Environmental Protection Act 1994 *(the EP Act), provides for the carrying out of different Environmentally Relevant Activities or Environmentally Relevant Activities at different places managed in an integrated way. This integrated authority comprises of one or more types of environmental authority(ies) in accordance with sections 86, 93, 95, 104, 113 and 311, of the EP Act, and this integrated authority details the conditions that are relevant to each stated type of environmental authority.*

Under the provisions of the *Environmental Protection Act 1994* this integrated authority is issued to:

Queensland Commodity Exports Pty Ltd
Port Drive
FISHERMAN ISLANDS QLD 4178

in respect of carrying out the Environmentally Relevant Activities (ERAs) at the same place and under the type of environmental authority described in Table 1.

This integrated authority is subject to the conditions set out in the attached schedules.

The anniversary date of this licence is 15 May.

This integrated authority takes effect from 15 May 2002.

Signed

7/5/2002
Date

Michael Ronan
Manager (Licensing)
Delegate of Administering Authority
Environmental Protection Act 1994

Note: This integrated authority document is not proof of the current status of the integrated authority. The current status of the integrated authority may be ascertained by contacting the Environmental Protection Agency.

Table 1: This integrated authority consists of the following part(s):

This integrated authority incorporates the following parts:

Part 1 - Licence/s (without development approval)

Each part consists of conditions relevant to various issues.

Part 1: Licence/s (without development approval) (Section 93)

Applicable Part & Schedule(s)	ERA No.	ERA name	Lot	Plan	Location
Part 1 Schedule A-H	67(d)	Sawmilling or woodchipping	75	903459	Port Drive, Fisherman Islands QLD 4178
			57	858992	Port Drive, Fisherman Islands QLD 4178
Part 1 Schedule A-H	74	Stockpiling, loading or unloading goods in bulk	57	858992	Port Drive, Fisherman Islands QLD 4178
			42	810992	Port Drive, Fisherman Islands QLD 4178

The aforementioned description of the ERA(s) for which this authority is issued is simply a restatement of the ERA(s) as prescribed in the legislation at the time of issuing the authority. Where there is any conflict between the above description of the ERA(s) for which this authority is issued and the conditions as specified in this authority as to the scale, intensity or manner of carrying out of the ERA(s) then such conditions prevail to the extent of the inconsistency.

The authority is issued subject to conditions as set out in the schedule(s) attached that form part of the integrated authority.

PART 1 - LICENCE(S) (WITHOUT DEVELOPMENT APPROVAL) (Section 93)

This part is for the carrying out of a level 1 environmentally relevant activity without a development approval, under chapter 4, part 3, division 2, subdivision 1 of the Environmental Protection Act 1994.

Schedule A - General conditions

Prevent and /or minimise likelihood of environmental harm

(A1-1) 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, the lack of a condition or silence shall not be construed as authorising harm.

Maintenance of measures, plant and equipment

(A2-1) The holder must:

- install all measures, plant and equipment necessary to ensure compliance with the conditions of this environmental authority; and
- maintain such measures, plant and equipment in a proper and efficient condition; and
- operate such measures, plant and equipment in a proper and efficient manner.

Integrated Environmental Management System (IEMS)

(A9-1) Prior to the commencement of any environmentally relevant activity ('the activities') under this environmental authority, the holder of this environmental authority must:

- 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
- implement and maintain the IEMS from the commencement of carrying out the activities.

(A9-3) 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.

END OF CONDITIONS FOR SCHEDULE A

Schedule B - Air

Nuisance

(B1-1) 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 place.

Dust nuisance

(B2-1) The release of dust and/or particulate matter resulting from the activity must not cause an environmental nuisance at any dust sensitive place.

(B2-2) Excedence of any of the following levels when measured at any dust sensitive place is an environmental nuisance for the purposes of condition B2-1.

- Dust deposition of 120 milligrams per square metre per day, when monitored in accordance with Australian Standard AS 3580.10 of 1991; OR
- A concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (µm) (PM10) suspended in the atmosphere of 150 micrograms per cubic metre over a 24 hour averaging time, at a dust sensitive place downwind of the licensed place, when monitored in accordance with:
  - Australian Standard AS 3580.9.6 'Ambient air - Particulate matter - Determination of suspended particulate PM10 high-volume sampler with size-selective inlet - Gravimetric method'; or
  - any alternative method of monitoring PM10 which may be permitted by the 'Air Quality Sampling Manual' as published from time to time by the administering authority.

(B2-3) When requested by the Administering Authority, dust and particulate monitoring must be undertaken to investigate any complaint of environmental nuisance caused by dust and/or particulate matter, and the results notified within 14 days to the administering authority following completion of monitoring. Monitoring must include:

- for a complaint alleging dust nuisance, dust deposition; and
- for a complaint alleging adverse health effects caused by dust, the concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (µm) (PM10) suspended in the atmosphere of 150 micrograms per cubic metre over a 24 hour averaging time.
- must be carried out a place(s) relevant to the potentially affected dust sensitive places and upwind control sites.

END OF CONDITIONS FOR SCHEDULE B

Schedule C - Water

Erosion protection measures and sediment controls

(C1) Prevent the release of sediment to waters or a build up of sediment in any stormwater drain.

Release of Contaminants to Waters

(C2) Contaminants that will or may cause environmental harm must not be directly or indirectly released from the licensed place to any waters or the bed and banks of any waters except:

(i) as permitted under the water schedule; or
(ii) to a sewer as permitted or otherwise agreed from time to time by the relevant Local Government.

Description of Release

(C3) Overflow from the storm water drain may be released through the outlet of this drain near the northern corner of the site at following coordinates:

2193.7X 3746.3Y (Fishermans Island Grid Coordinates) also known as
516280.5E 6970880.7N (Australian Map Grid Coordinates)

The stormwater drain referred to in this condition is the drain that runs perpendicular from Port Drive Service Road and lies outside and adjacent to the north-east boundary of the site.

Quality Characteristics of Contaminants Released to Waters

(C4) The quality of contaminants released to waters must comply, at the sampling and measurement points, with the following quality characteristics:

(i) the pH value must not be less than 6.5 and not more than 8.5;
(ii) the concentration of Dissolved Oxygen must not be less than 4 milligrams per litre; and
(iii) the concentration of suspended solids must not exceed 50 milligrams per litre.

(C5) Notwithstanding the quality characteristic limits specified in condition C4, any release of contaminants to waters must comply with the following qualitative characteristics:

(i) the release must not have any properties nor contain any contaminants which are capable of causing environmental harm or an environmental nuisance; and
(ii) the release must not produce any slick or other visible evidence of oil or grease, nor contain visible floating oil, grease, scum, litter or other objectionable matter.

Monitoring of Contaminant Releases to Waters

(C6-1) The holder of this environmental authority is responsible for the making of determinations of the quality of the contaminants released to any watercourse for the quality characteristics specified in condition C4.

(C6-2) Determinations of the quality of contaminants released to waters to check conformity with the release quality characteristics specified in condition C4 of this environmental authority must be undertaken at the sampling point described as:

Sampling Point SP1 -The overflow at coordinates 2193.7X 3746.3Y (Fishermans Island Grid Coordinates also known as 516280.5E 6970880.7N Australian Map Grid Coordinates) from the stormwater drain referred to in condition C3 of this environmental authority.

(C6-3) Determinations of the qualities of contaminants released to waters to check conformity with the release quality characteristics specified in condition C4 of this environmental authority must be undertaken at the following frequency:
-quarterly, or in the event of a release.

Stormwater from the Woodchip Stockpile

(C7-1) Stormwater in the stockpile bunded area must be directed to the collection sump and circulated onto woodchip stockpiles.

(C7-2) The collection sump area must have easy access to allow maintenance, control, and inspection.

(C7-3) The collection sump must be desludged as necessary.

END OF CONDITIONS FOR SCHEDULE C

Schedule D - Noise and Vibration

Noise nuisance

(D1-1) Noise from activities must not cause an environmental nuisance at any noise sensitive place or any commercial place.

(D1-2) All noise from activities must not exceed the levels specified in Schedule D - Table 1 at any noise sensitive place.

Schedule D - Table 1 (Noise limits - 'Sensitive place')

Noise level dB(A) measured as	Noise measured at a 'Noise sensitive place'					
	Monday to Saturday			Sundays and public holidays		
	7am - 6pm	6pm - 10pm	10pm - 7am	9am - 6pm	6pm - 10pm	10pm - 9am
$L_{A10, adj, 10 mins}$	55	50	40	55	50	40
$L_{A1, adj, 10 mins}$	60	55	45	60	55	45

(D1-3) All noise from activities must not exceed the levels specified in Schedule D - Table 2 at any commercial place.

Schedule D – Table 2 (Noise limits - 'Commercial place')

Noise level dB(A) measured as	Noise measured at a 'Commercial place'					
	Monday to Friday			Sundays and public holidays		
	7am - 6pm	6pm - 10pm	10pm - 7am	9am - 6pm	6pm - 10pm	10pm - 9am
$L_{A10, adj, 10 mins}$	60	55	45	60	55	45
$L_{A1, adj, 10 mins}$	65	60	50	65	60	50

(D1-4) Conditions D1-2 and D1-3 apply if:

- there are complaints to the administering authority about the level of noise from any source in carrying out the environmentally relevant activities at authorised place; and
- the complaints are not frivolous or vexatious or based on mistaken belief.

Noise monitoring

(D2-1) When requested by the Administering Authority, noise monitoring must be undertaken to investigate any complaint of noise nuisance, and the results notified within 14 days to the administering authority. Monitoring must include:

- $L_{A 10, adj, 10 mins}$
- $L_{A 1, adj, 10 mins}$
- the level and frequency of occurrence of impulsive or tonal noise;
- atmospheric conditions including wind speed and direction;
- effects due to extraneous factors such as traffic noise; and
- location, date and time of recording.

(D2-2) The method of measurement and reporting of noise levels must comply with the latest edition of the Environmental Protection Agency's Noise Measurement Manual.

END OF CONDITIONS FOR SCHEDULE D

Schedule E –Waste

There are no conditions prescribed for this Schedule.

END OF CONDITIONS FOR SCHEDULE E

Schedule F - Land

Preventing contaminant release to land

(F3-2) 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 AS 1940 - Storage and Handling of Flammable and Combustible

END OF CONDITIONS FOR SCHEDULE F

Schedule G – Community

Complaint response

(G1-1) 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.

(G1-2) In consultation with the administering authority, cooperate with and participate in any community environmental liaison committee established in respect of either the licensed place specifically, or the industrial estate where the licensed place is located.

END OF CONDITIONS FOR SCHEDULE G

Schedule H - Definitions

Words and phrases used throughout this licence or development approval are defined below:
Where a definition for a term used in this authority is sought and the term is not defined within this authority the definitions provided in the *Environmental Protection Act 1994*, its regulations, and Environmental Protection Policies shall be used.

Word Definitions

"administering authority" means the Environmental Protection Agency or its successor.

"you" means the holder of this Environmental Authority or owner / occupier of the land which is the subject of this Development Approval.

"site" means the place to which this environmental authority relates or the premises to which this development approval relates.

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"authorised place" means the place authorised under this environmental authority/development approval for the carrying out of the specified environmentally relevant activities.

"this authority" means this environmental authority/development approval.

"authority" means level 1 licence (without development approval), or level 1 approval (without development approval), or level 2 approval (without development approval) under the *Environmental Protection Act 1994*.

"dust sensitive place" means -

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

  and includes the curtilage of any such place.

"odour sensitive place" has the same meaning as a "dust sensitive place"

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

- a house, unit, motel, nursing home or other building or part of a building;
- a caravan, mobile home or other vehicle or structure on land;
- a water craft in a marina.

"noxious" means harmful or injurious to health or physical well being.

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

"nuisance sensitive place" includes -

- 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
- 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.

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

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

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

"noise sensitive place" means -

- a dwelling, mobile home or caravan park, residential marina or other residential premises; or
- a motel, hotel or hostel; or
- a kindergarten, school, university or other educational institution; or
- a medical centre or hospital; or
- a protected area; or
- a park or gardens.

  and includes the curtilage of such place.

"commercial place" means a place used as an office or for business or commercial purposes.

"intrusive noise" means noise that, because of its frequency, duration, level, tonal characteristics, impulsiveness or vibration -

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

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

"protected area" means -

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

"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 any under groundwater, any part-thereof.

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

"mg/L" means milligrams per litre.

"vibration sensitive place" means places that experience (or will experience) offensive ground vibration from the mining vibration source/s under consideration. In determining these places, the following need to be considered: existing background vibration levels, exact vibration source locations, distance from source/s (or proposed source/s) to receiver and intervening geological structure.

END OF CONDITIONS FOR SCHEDULE H

END OF INTEGRATED AUTHORITY