Permit

Environmental Protection Act 1994

Environmental authority EPPR00477713

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

Environmental authority number: EPPR00477713

Environmental authority takes effect on 29-01-2021

Environmental authority holder(s)

Name(s)	Registered address
North Queensland Bulk Ports Corporation Limited	Level 1 324 Queen St BRISBANE CITY QLD 4000 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 (d) more than 1,000,000t	Port of Weipa and Albatross Bay Lot 14 on SP120446

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:

Queensland Government

- 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.

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

Date issued: 29 January 2021

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)

Development Approval

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

Conditions of environmental authority

Location: Port of Weipa and Albatross Bay

Lot/Plan: Lot 14 Plan SP120446

Relevant Activity:

16-(1d) Dredging >1,000,000t yr

Approved Plans / Specifications:

Document No.	Document Name	Date
NQBP2020-024	**Port of Weipa – Maintenance Dredge Areas**	**30/04/2020**

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

Agency Interest: General	
Condition number	**Condition**
G1	**Limitations of permit:** This Environmental Authority attaches to the part of the **port area** defined in Appendix 1 – "Approved Plans/Specifications" of this Environmental Authority.
G2	This Environmental Authority authorises ERA16 (**dredging**) that is for maintenance on **lawful work** as specified in Appendix 1 – "Approved Plans/Specifications" of this Environmental Authority.
G3	The **port authority** of the **port area** to which this permit attaches must maintain direction of any **operator** carrying out an activity authorised by this permit.
G4	**Prevent Environmental Harm:** The **operator** must ensure that environmental harm is not caused by this ERA except where specifically permitted by a condition of this development permit.
G5	**Maintenance of measures, plant and equipment:** The **operator** must: (a) install all measures, plant and equipment necessary to ensure compliance with the conditions of this development permit (b) maintain and calibrate such mesures, plant and equipment in an efficient condition and keep records of the maintenance (c) operate such measures, plant and equipment in an efficient manner
G6	**Integrated environmental management system (IEMS):** The **operator** must implement an **integrated environmental management system** (IEMS) from (*the commencement of this ERA or specified date)*. The IEMS must identify all causes of environmental harm, including but not limited to the actual and potential release of any contaminants, the nature of the environmental harm and the actions that will be taken to prevent environmental harm being caused. The IEMS must be made available to the Administering Authority when requested. The IEMS must achieve the following outcomes; (a) material intended to be dredged under this permit is tested and analysed in accordance with the latest version of the National Assessment Guidelines for Dredging 2009. (b) Significant and sensitive receptors (including for example wetland and ecosystem features) in the **port area** are identified and mapped (c) Environmental aspects and potential impacts are identified (d) Control measures that minimise the potential for environmental harm are in place (e) Contingency plans and emergency procedures are in place

	(f) Organisational structures, accountability and responsibility is recorded (g) Arrangements for effective communication are documented and undertaken (h) All contaminant releases are monitored (i) Staff are trained and aware of the requirements of this permit (j) Appropriate records are kept (k) Reviews of environmental performance and continual improvement are undertaken periodically
G7	The IEMS must not be implemented or amended in a way that contravenes any conditions of this development permit.
G8	**Monitoring Plan:** The **operator** must implement a monitoring plan that complies with the latest version of the Administering Authority's Water Quality Sampling Manual from the commencement of this ERA. The monitoring plan must achieve the following outcomes; (a) Long-term ecological impacts associated with the **dredging** operations are monitored (b) Compliance with the conditions of this development permit is monitored (c) Operations are adjusted in response to monitoring results to ensure compliance with development permit conditions
G9	The monitoring plan must include (but not be limited to) the following: (a) A description of the dredge equipment to be used, including the discharge points for turbid waters (b) A plan for the lawful disposal of the dredged material (c) The methods for collection and alaysis of the samples (including specific areas to be monitored, when monitoring is to be undertaken and duration of monitoring) (d) The methods of analysing the data and responding to the results
G10	The monitoring plan and monitoring results must be made available to the administering authority upon request.
G11	Monitoring must be done by a competent person in accordance with methods set out in the latest version of the administering authority's water quality sampling manual.
G12	**Records:** The **operator** must maintain a record of sites where **dredging** is carried out (specifying the boundaries of the dredged area by GPS coordinates) and the volume of material removed from each site (to the nearest tonne), and submit these records to the port authority.
G13	The **port authority** must maintain a record of all documents or information provided under condition G13 and all monitoring results required bu this permit.
G14	All records required by this permit must be kept for five years and be made available to the administering authority upon request.

G15	**Complaint Response:** The **port authority** must record the following details for all complaints received and provide to the administering authority upon request: (a) Time, date, name and contact details (b) Reasons for the complaint (c) Details of investigations undertaken by the port authority (d) Conclusions formed (e) Actions taken to resolve the complaint
G16	**Notification:** Any incident of environmental harm (including a reasonable suspicion that environmental harm has or is likely to have occurred) outside the **lawful work** as specified in condition G2 must be reported as soon as practicable to the relevant DERM regional office.
Agency Interest: Air	
Condition number	**Condition**
A1	The release of airborne contaminants from the activity must not cause environmental nuisance.
Agency Interest: Water	
Condition number	**Condition**
W1	**Release of contaminants:** Contaminants must not be directly or indirectly released to waters other than wastewater released from the discharge point during the loading or unloading of dredge spoils.
W2	In carrying out the ERA, the release of contaminants (including any release caused by extraction of material from the bed of waters) must: (a) Only occur within the permitted areas specified in condition G2 (b) Not have any properties which are capable of causing environmental harm (c) Not produce any slock or other visible evidence of oil or grease, nor contain visible floating oil, grease, scum, litter or other objectionable matter (d) Be carried out taking practical measures necessary to minimise the concentration of suspended solids released during the loading and pump-out of the vessel.
W3	**Equipment:** Any **dredging** must be conducted using equipment that is in survey and registered and, in relation to environmental performance, is equal to or better than the following equipment: (a) Trail Suction Hopper Dredge that is equipped, as a minimum, with: i. Below keel discharge of tail waters via an anti-turbidity control valve ii. On-board systems for determining solids to water ratio or density of dredged material

	iii. Electronic positioning and depth control system for defining the location and depth of the **dredging** activities iv. Dredge heads and depth control capabable of, and where appropriate, fitted with fauna exclusion devices (e.g. turtle deflectors) (b) Cutter Suction Dredge that is equipped, as a minimum, with: i. Electronic positioning and depth control system for defining the location and depth of **dredging** activities ii. Continuous delivery connection (e.g. floating or submerged pipeline) to an approved placement site iii. A system or process to ensure the delivery system integrity is maintained at all times iv. Systems for determining solids to water ratio or density of dredged material during operations (c) Grab Dredge that is equipped, as a minimum, with: i. Electronic positioning system for defining the location and depth of **dredging** activities.
W4	**Placement of dredge material: Dredging** must not start until provision has been made to lawfully place or dispose of the dredge material. Evidence of applicable approvals must be made available to the administering authority when requested.
W5	**Placement of dredge material at sea:** Material dredged under this permit must not be placed at sea except at a place authorised under an authority, licence or other permit issued by either or both of the Commonwealth or Queensland governments to receive the dredge material.
Agency Interest: Noise	
Condition number	**Condition**
N1	Noise from the activity must not cause environmental nuisance.

Definitions

Key terms and/or phrases used in this document 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.

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.

Lawful work means work in accordance with a development permit. For the purposes of this guideline and model conditions, **lawful work** is limited to the following work:

(i) Berth pockets, and approach and departure aprons
(ii) Navigation channels
(iii) Swing basins

Integrated environmental management system for an environmentally relevant activity or activities, means a system for the management of the environmental impacts of carrying out of the activity or activities.

Maintenance work on lawful work means maintaining works in accordance with the development approval. Examples of maintenance work include excavation of material for repair or maintenance of the approved dredge basin. Examples of work not considered to be maintenance work include work to extend the boundaries of an approved dredge basin in an dimension (including depth) or any new **dredging** not covered by a development approval.

Operator means any of the following:

(i) A person having the benefit of this development permit
(ii) The holder of a registration certificate for this development permit
(iii) Anyone undertaken the activity to which this development permit relates (Note: it is an offence to carry out work under a development permit without a relevant registration certificate).

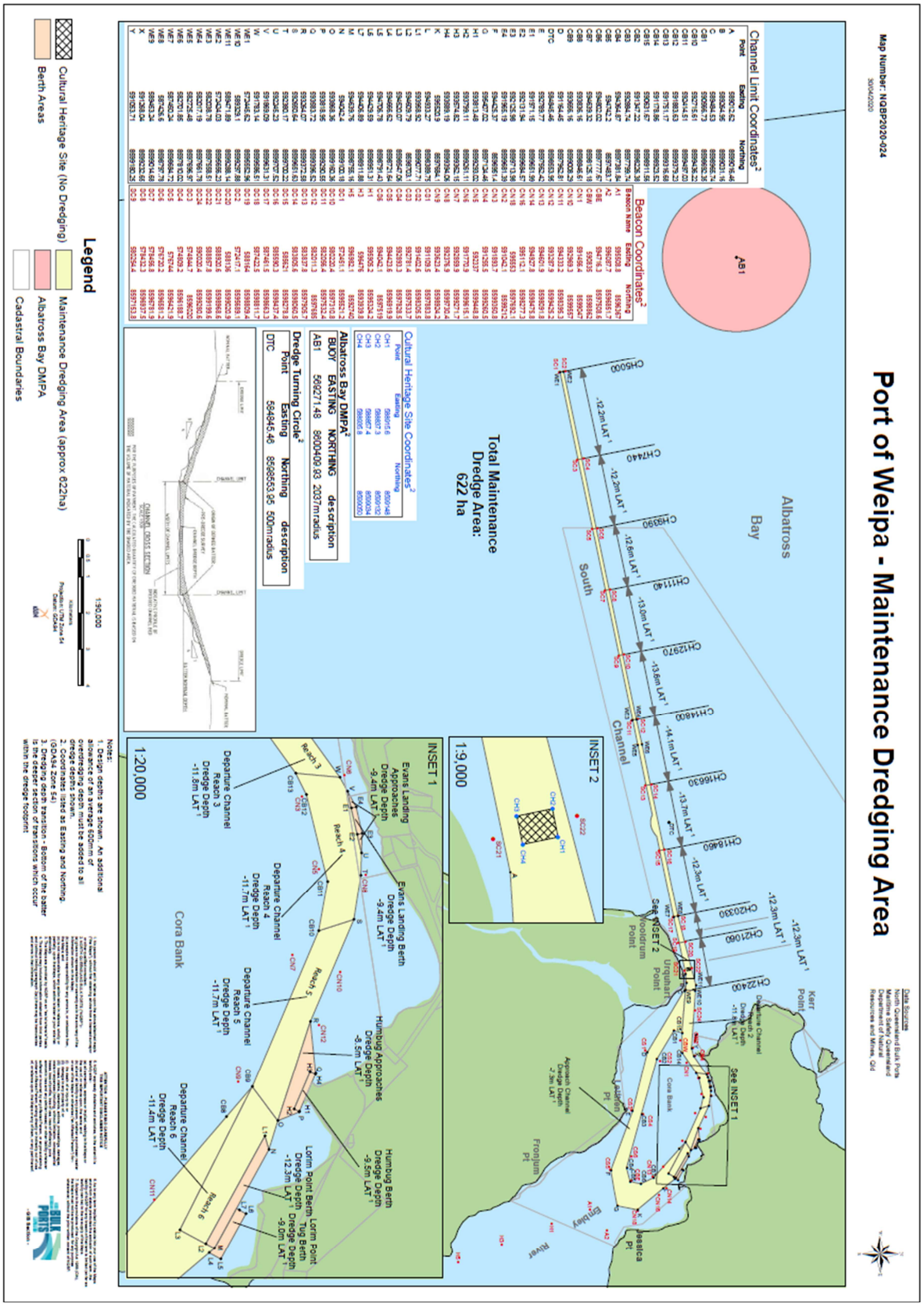
Port Area means as defined in section 267 of the Transport *Infrastructure Act 1994*.

Port Authority means as defined in Schedule 2 of the *Transport Infrastructure (ports) Regulation 2005*

Appendix 1

Approved Plans / Specifications:

Document No.	Document Name	Date
NQBP2020-024	Port of Weipa – Maintenance Dredge Areas	30/04/2020


Port of Weipa - Maintenance Dredging Area
Map Number: NGBP2020-024
Total Maintenance Dredge Area: 622 ha
Albatross Bay
Channel
South
Cora Bank
Weipa
Karr Point
Urquhart Point
Wooldrum Point
Laurden Pt
Froonjum Pt
Embley River
Jessica Pt
See INSET 1
See INSET 2
INSET 1
1:20,000
INSET 2
1:9,000
AB1
CH6000
CH7440
CH9390
CH11140
CH12970
CH14800
CH16630
CH18460
CH20330
CH21060
CH22400
-12.2m LAT
-12.6m LAT
-13.0m LAT
-13.6m LAT
-14.1m LAT
-13.7m LAT
-12.3m LAT
Departure Channel Reach 2 Dredge Depth -11.7m LAT
Departure Channel Reach 3 Dredge Depth -11.8m LAT
Departure Channel Reach 4 Dredge Depth -11.7m LAT
Departure Channel Reach 5 Dredge Depth -11.7m LAT
Departure Channel Reach 6 Dredge Depth -11.4m LAT
Evans Landing Approaches Dredge Depth -9.4m LAT
Evans Landing Berth Dredge Depth -9.4m LAT
Humbug Approaches Dredge Depth -8.5m LAT
Humbug Berth Dredge Depth -9.5m LAT
Lorim Point Berth Dredge Depth -12.3m LAT
Lorim Point Tug Berth Dredge Depth -9.0m LAT
Approaches Channel -7.3m LAT
Channel Limit Coordinates²
Beacon Coordinates²
Cultural Heritage Site Coordinates²
Albatross Bay DMPA²
Dredge Turning Circle²
Legend
Cultural Heritage Site (No Dredging)
Maintenance Dredging Area (approx 622ha)
Berth Areas
Albatross Bay DMPA
Cadastral Boundaries
1:50,000
Notes:
Data Sources

END OF ENVIRONMENTAL AUTHORITY