

Permit

Environmental Protection Act 1994

Environmental authority EA0002862

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

Environmental authority number: EA0002862

Environmental authority takes effect on the day the associated development application 2102-21135 SRA is approved. You must inform the administering authority that the development application has been approved within 20 days of it being approved.

The anniversary day of this environmental authority will be the same day each year as the take effect day of this environmental authority. Payment of the annual fee will be due each year on this day.

Environmental authority holder(s)

Name(s)	Registered address
GREAT BARRIER REEF MARINE PARK AUTHORITY	280 Flinders St TOWNSVILLE CITY QLD 4810 Australia

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
ERA 50 Mineral and bulk material handling (2) loading or unloading 100t or more of bulk materials in a day or stockpiling bulk materials	Lot 510 on SP305597 – Ian Drury Drive YARWUN QLD 4694

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.

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.

E Clarke

Liz Clarke
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

Date issued: 28 May 2021

Enquiries:
Utilities and Government Organisations Assessment
Department of Environment and Science

Phone: 1300 130 372
Email: palm@des.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)

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.

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

Environmentally relevant activity	Location/s
ERA 50 Mineral and bulk material handling (2) loading or unloading 100t or more of bulk materials in a day or stockpiling bulk materials	Lot 510 on SP305597 – Ian Drury Drive YARWUN QLD 4694

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

Agency interest: General	
Condition number	Condition
G1	Activities authorised under this environmental authority must only be conducted within the Indicative Lease Area located within the Western Basin Reclamation Area on Lot 510 on SP305597 as identified in <i>Appendix 2: Indicative Lease Area Site Layout</i> .
G2	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.
G3	All reasonable and practicable measures must be taken to prevent or minimise environmental harm caused by the activities .
G4	The activity must be undertaken in accordance with written procedures that: (a) identify potential risks to the environment from the activity during routine operations and emergencies; and (b) establish and maintain control measures that minimise the potential for environmental harm; and (c) ensure plant, equipment and measures are maintained in a proper and effective condition; and (d) ensure plant, equipment and measures are operated in a proper and effective manner; and (e) ensure that staff are trained and aware of their obligations under the <i>Environmental Protection Act 1994</i>; and (f) ensure that reviews of environmental performance are undertaken at least annually
G5	Other than as permitted by this environmental authority, the release of a contaminant into the environment must not occur.
G6	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.
G7	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.
G8	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. The only exception to this condition is for <i>in situ</i> monitoring of pH, Electrical Conductivity and Dissolved Oxygen.
G9	You must record the following details of all environmental complaints received: (a) date and time the complaint was received; and (b) name and contact details of the complainant (if provided and authorised by the complainant); and (c) nature of the complaint; and (d) investigation undertaken; and (e) conclusions formed; and (f) actions taken.
G10	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.
G12	Written procedures required by condition G11 must be: (a) implemented; and (b) reviewed at least annually; and (c) provided to the administering authority upon request at the time and in the format requested.
G13	Plant and equipment necessary to comply with the conditions of this environmental authority must be installed, operated and maintained: (a) in a proper and effective manner; and (b) in accordance with any written procedures developed under condition G11 for the plant and equipment.
G14	Chemicals and fuels in containers of greater than 15 litres must be stored within a secondary containment system .

Agency interest: Air											
Condition number	Condition										
A1	Odours or airborne contaminants must not cause environmental nuisance to any sensitive place or commercial place .										
Agency interest: Water											
Condition number	Condition										
WT1	The only contaminants to be released the Western Basin Reclamation Area are dredge decant waters in accordance with <i>Table 1 – Dredge Decant Water Release Limits</i>. Table 1 – Dredge Decant Water Release Limits <table> <tr> <th>Quality Characteristic (units)</th><th>Maximum</th></tr> <tr> <td>Copper (µg/L)</td><td>1.3 µg/L</td></tr> <tr> <td>Zinc (µg/L)</td><td>15 µg/L</td></tr> <tr> <td>Diuron</td><td>0.9 µg/L</td></tr> <tr> <td>Tributyltin (ng/L as Sn)</td><td>6 ng/L as Sn</td></tr> </table>	Quality Characteristic (units)	Maximum	Copper (µg/L)	1.3 µg/L	Zinc (µg/L)	15 µg/L	Diuron	0.9 µg/L	Tributyltin (ng/L as Sn)	6 ng/L as Sn
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WT2	Treated dredge decant waters release to the Western Basin Reclamation Area under condition WT1 must be monitored in accordance with <i>Table 2 – Monitoring of Dredge Decant Waters</i>. Table 2 – Monitoring of Dredge Decant Waters <table> <tr> <th>Quality Characteristic / Indicator (units)</th><th>Minimum Monitoring Frequency</th></tr> <tr> <td>Copper (µg/L)</td><td rowspan="4">Prior to release, and weekly where the release is continuous</td></tr> <tr> <td>Zinc (µg/L)</td></tr> <tr> <td>Diuron</td></tr> <tr> <td>Tributyltin (ng/L as Sn)</td></tr> </table>	Quality Characteristic / Indicator (units)	Minimum Monitoring Frequency	Copper (µg/L)	Prior to release , and weekly where the release is continuous	Zinc (µg/L)	Diuron	Tributyltin (ng/L as Sn)			
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	Associated requirements 1. Monitoring must be in accordance with the most recent edition of the administering authority's of Environment and Science <i>Monitoring and Sampling Manual</i>. 2. All monitoring devices must be calibrated and maintained according to the manufacturer's instruction manual. 3. Water and sediment samples must be representative of the general condition of the water body or sediments. 4. Monitoring must be undertaken during a release and at the frequency stated.
WT3	The stormwater runoff from disturbed areas , generated by a storm event up to and including a 24 hour storm event with an average recurrence interval of 1 in 10 years must be retained on site or managed to remove contaminants before released offsite
WT4	Erosion and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment.
WT5	Contaminated decant waters must be captured and treated within a secondary containment system with an impervious liner prior to release .
Agency interest: Noise	
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 .
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: Land	
Condition	
L1	Other than as permitted within this environmental authority, contaminants must not be released to land .
L2	Treatment and management of acid sulfate soils must comply with the guidance provided in the current edition of the <i>Queensland Acid Sulfate Soil Technical Manual</i> .

Definitions

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(ies) means the environmentally relevant activity(ies), 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.

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.

Decant waters means settled dredge spoil waters release from the **Indicative Lease Area** within the Western Basin Reclamation Area identified Appendix 1 to the broader **Western Basin Reclamation Area** following settlement or other management requirements.

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

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

The **Indicative Lease Area** means the enclosed dredge disposal area on Lot 510 on SP305597 located within the **Western Basin Reclamation Area** and identified in *Appendix 2: Indicative Lease Area Site Layout*.

Measures has the broadest interpretation and includes:

1. Procedural measures such as standard operating procedures for dredging operations, environmental risk assessment, management actions, departmental direction and competency expectations under relevant guidelines; and
2. 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**.

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; or
2. cause or allow the contaminant to be deposited, discharged, emitted or disturbed; or
3. fail to prevent the contaminant from being deposited, discharged emitted or disturbed; or
4. allow the contaminant to escape; or

5. fail to prevent the contaminant from escaping.

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

1. a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
2. a motel, hotel or hostel; or
3. a kindergarten, school, university or other educational institution; or
4. a medical centre or hospital; or
5. a protected area under the Nature Conservation Act 1992, the Marine Parks Act 2004 or a World Heritage Area; or
6. a public park or garden; or
7. for noise, a place defined as a sensitive receptor for the purposes of the Environmental Protection (Noise) Policy 2019.

Trigger values are physicochemical, parameter-specific measurement values used to indicate a condition where an **environmental value** or **sensitive receptor** may be at low, moderate or high risk, or some other risk-related indicator.

You means the holder of the environmental authority.

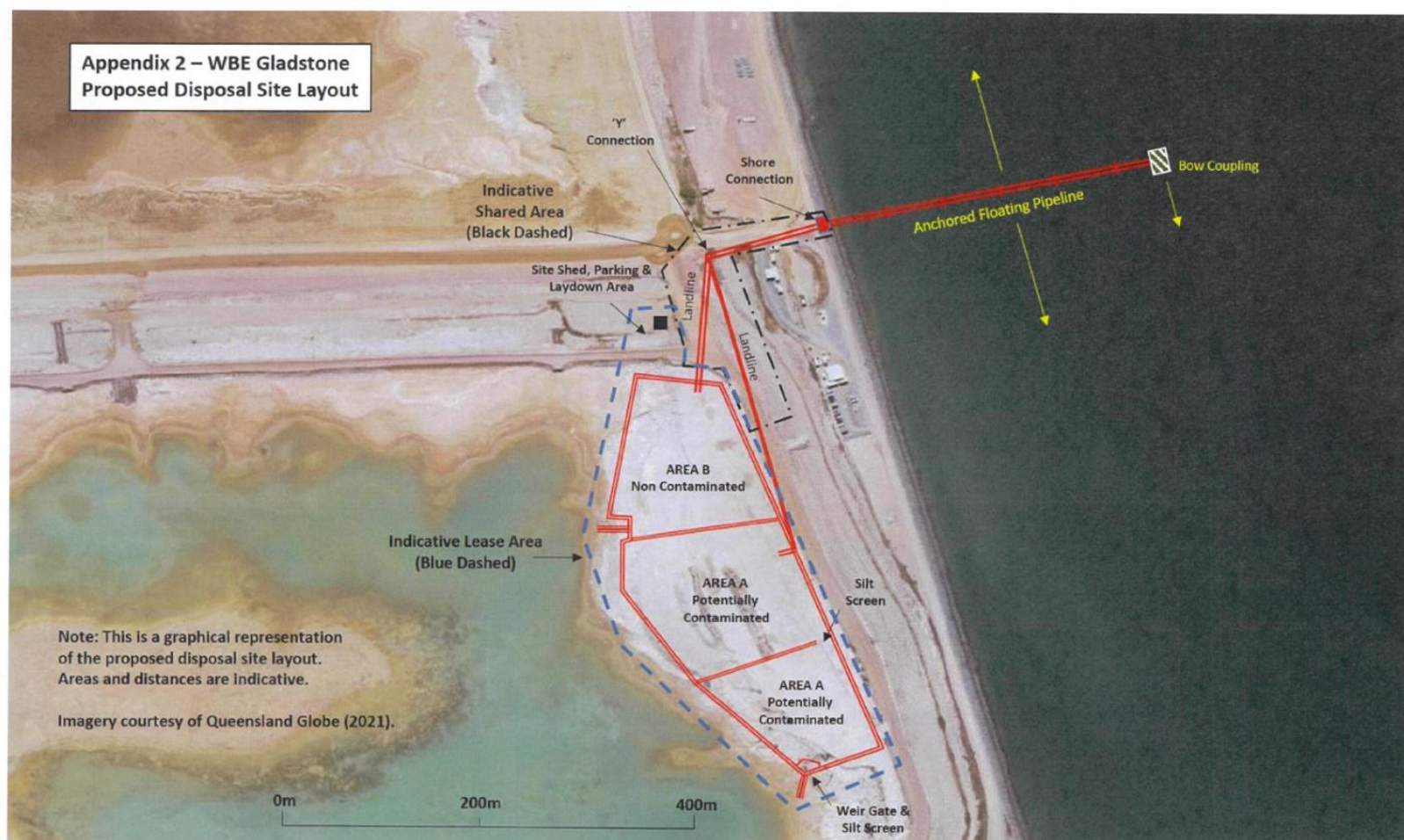
Waters includes river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water, natural or artificial watercourse, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off,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

The **Western Basin Reclamation Area** means the enclosed disposal area on Lot 510 on SP305597 approved for ERA 16(1)(d) under EPPR00759913 and identified in *Appendix 3: Western Basin Reclamation Area*.

Appendix 1: Identification of Indicative Lease Area within the Western Basin Reclamation Area Approved for ERA 16(1)(d) Under Environmental Authority EPPR00759913



Appendix 2: Indicative Lease Area Site Layout



Appendix 3: Western Basin Reclamation Area Approved for ERA 16(1)(d) Under Environmental Authority EPPR00759913

