Permit

Environmental Protection Act 1994

Environmental authority EPPR00567713

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

Environmental authority number: EPPR00567713

Environmental authority takes effect on 03-06-2021

Environmental authority holder(s)

Name(s)	Registered address
CAPE TRIB BEACH HOUSE PTY LTD	152 Rykers Rd CAPE TRIBULATION QLD 4873 Australia

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
ERA 63 - Sewage Treatment 1: Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of (a-i) 21 to 100EP if treated effluent is discharged from the works to an infiltration trench or through an irrigation scheme	Lot 7 on RP727756

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).

Queensland Government

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.

Mark Franco
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

Date issued: 03 June 2021

Enquiries:
Heritage, Utilities and Government 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. For example, this may include permits / approvals with your local Council (for planning approval), the Department of Transport and Main Roads (to access state-controlled roads), the Department of Natural Resources, Mines and Energy (to clear vegetation), and the Department of Agriculture and Fisheries (to clear marine plants or to obtain a quarry material allocation).

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

Name	Registered address
CAPE TRIB BEACH HOUSE PTY LTD	152 Rykers Rd CAPE TRIBULATION QLD 4873

Environmentally relevant activity	Location
ERA 63 - Sewage Treatment 1: Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of (a-i) 21 to 100EP if treated effluent is discharged from the works to an infiltration trench or through an irrigation scheme.	Rykers Road, CAPE TRIBULATION QLD 4873 Lot 7 Plan RP727756

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

Schedule A - Activity	
Condition number	**Condition**
(A1-1)	**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.
(A3-1)	**Site based management plan** From commencement of the activity, 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 all Environmentally Relevant Activities that are carried out.

	The site based management plan must address the following matters: - Environmental commitments – a commitment by senior management to achieve environmental goals. - Identification of environmental issues and potential impacts. - Control measures for routine operations to minimise likelihood of environmental harm. - Contingency plans and emergency procedures for non-routine situations. - Organisational structure and responsibility. - Effective communication. - Monitoring of the contaminant releases. - Conducting environmental impact assessments. - Staff training. - Record keeping. - Periodic review of environmental performance and continual improvement.
(A5-1)	**Records** Record, compile and keep all monitoring results required by this document and present this information to the administering authority when requested, in a specified format.
(A6-1)	**Maintenance of measures, plant and equipment** 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.
Schedule B - Air	
Condition number	**Condition**
(B1-2)	**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 at any odour sensitive place.
Schedule C - Water	
Condition number	**Condition**
(C3-1)	**Release to waters** Contaminants must not be released from the site to any waters or the bed and banks of any waters.

(C5-1)	**Stormwater management** There must be no release of stormwater runoff that has been in contact with any contaminants at the site to any waters, roadside gutter or stormwater drain.

Schedule D - Noise and vibration	
Condition number	**Condition**
(D1-1)	**Noise nuisance** Noise from activities must not cause an environmental nuisance at any noise affected premises.

Schedule E - Waste	
Condition number	**Condition**
(E5-1)	**Waste handling** All regulated waste removed from the site must be removed by a person who holds a current approval to transport such waste under the provisions of the *Environmental Protection Act 1994*.

Schedule F - Land	
Condition number	**Condition**
(F2-1)	**Land disposal** The only contaminants permitted to be released to land are treated effluent to the areas shown in Schedule I - *Site Plan* in compliance with the limits levels stated in Table 1 of the Land Schedule and the conditions of this authority.

Schedule F - Table 1 (Release limits - 'Land')

Release Limit					
Quality characteristics	Minimum	50th Percentile	80th Percentile	Maximum	Median
pH	6.5			8.5	
Biological Oxygen Demand (mg/L)				20	
Suspended Solids (mg/L)				30	
Faecal Coliforms (CFU/100mL)				200	
Free Chlorine residual in mg/L	0.3			0.7	
Total Nitrogen (mg/L)		15		30	
Total Phosphorous (mg/L)		8		15	

<table>
<tr><td>(F2-2)</td><td>The irrigation of effluent must be carried out in a manner such that:
- vegetation is not damaged;
- soil erosion and soil structure damage is avoided;
- there is no surface ponding of effluent;
- percolation of effluent beyond the plant root zone is minimised;
- the capacity of the land to assimilate nitrogen, phosphorus, salts, organic matter as measured by oxygen demand and water is not exceeded; and
- the quality of ground water is not adversely affected.</td></tr>
<tr><td>(F2-3)</td><td>Notices must be prominently displayed on any effluent irrigation area warning the public that the area is irrigated with effluent and not to use or drink the effluent. These notices must be maintained in a visible and legible condition.</td></tr>
<tr><td>(F2-4)</td><td>Conduct and keep records of any monitoring programs of contaminant releases from the treatment plant at the monitoring points, frequency, and for the parameters specified in Schedule F - Table 2.</td></tr>
<tr><td>(F2-5)</td><td>Monitoring must be undertaken and records kept of a monitoring program of contaminant releases to the irrigation area at the monitoring points, frequency, and for the parameters specified in Schedule F - Table 2.

Schedule F - Table 2 (Monitoring program)
<table>
<tr><th>Monitoring point</th><th>Quality characteristics</th><th>Units</th><th>Frequency</th></tr>
<tr><td>Outlet from effluent storage tank</td><td>Biological Oxygen Demand</td><td>mg/L</td><td>quarterly</td></tr>
<tr><td>Outlet from effluent storage tank</td><td>Total Suspended Solids</td><td>mg/L</td><td>quarterly</td></tr>
<tr><td>Outlet from effluent storage tank</td><td>Faecal Coliforms</td><td>(CFU/100mL)</td><td>quarterly</td></tr>
<tr><td>Outlet from effluent storage tank</td><td>pH</td><td>pH units</td><td>quarterly</td></tr>
<tr><td>Outlet from effluent storage tank</td><td>Total Phosphorous</td><td>mg/L</td><td>quarterly</td></tr>
<tr><td>Outlet from effluent storage tank</td><td>Total Nitrogen</td><td>mg/L</td><td>quarterly</td></tr>
<tr><td>Outlet from effluent storage tank</td><td>Free Chlorine</td><td>mg/L</td><td>quarterly</td></tr>
</table></td></tr>
<tr><td>(F2-6)</td><td>The daily volume of contaminants released to land must be determined or estimated by an appropriate method, for example a flow meter, and records kept of such determinations and estimates.</td></tr>
<tr><td>(F2-8)</td><td>When conditions prevent the irrigation of treated effluent to land (such as during rain events), alternative measures must be taken to store/dispose of effluent (such as wet weather storage or tankering of site).</td></tr>
<tr><td colspan="2">Schedule G - Community</td></tr>
<tr><td>Condition number</td><td>Condition</td></tr>
</table>

(G1-1)	**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.

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 approval is sought and the term is not defined within this approval the definitions provided in the *Environmental Protection Act 1994*, its regulations, and Environmental Protection Policies shall be used.

"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.

"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.

"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.

"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.

"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.

"50th percentile" means not more than three (3) of the measured values of the quality characteristic are to exceed the stated release limit for any six (6) consecutive samples for a release/monitoring point at any time during the environmental activity(ies) works.

"80th percentile" means not more than one (1) of the measured values of the quality characteristic is to exceed the stated release limit for any five (5) consecutive samples for a sampling point at any time during the environmental activity(ies) works.

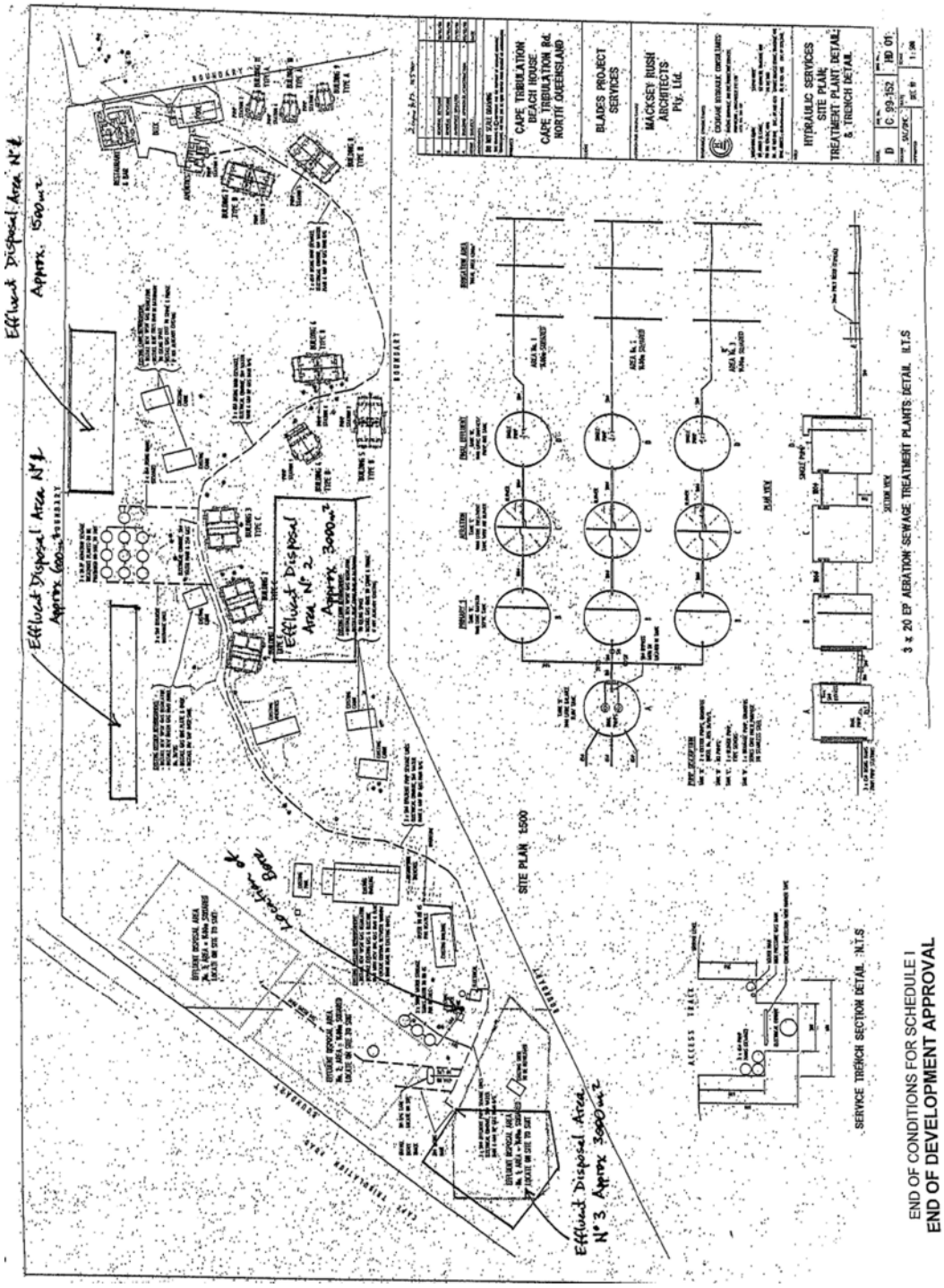
"land" in the **"land schedule"** of this document means land excluding waters and the atmosphere.

"mg/L" means milligrams per litre.

"annual return" means the return required by the annual notice (under section 316 of the *Environment Protection Act, 1994)* for the section 86(2) licence that applies to the development approval.

Schedule I - Maps / Plans

(I1) Site Plan of Sewage Treatment Plant and Effluent Disposal Areas



END OF PERMIT

ABN 46 640 294 485

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