



Department of
**Environment and
Heritage Protection**

22-SEP-2014

To: Tropical Canopy Pty Ltd
PO Box 88
MENA CREEK QLD 4871

Our reference: 308638

Application details

I refer to the application that was received by the administering authority on 15-SEP-2014.

Land description: Wooroonooran NP - Mamu Canopy Walk (GISID 38208) Lot 19 Plan NPW696.

Decision

Your application has been approved and your environmental authority (reference EPPR00483113) is attached.

Additional comments or advice

You are advised that if you are not the owner of the land to which the environmental authority relates, you have 10 business days from receipt of this environmental authority to give each owner of the land, written notice that you have been issued this environmental authority.

Should you have any further enquiries, please contact Shari Sievers on 1300 130 372, option 4.

Yours sincerely

A rectangular box containing a handwritten signature in black ink, which appears to read "Jodie Brackenbury".

Signature

22-SEP-2014

Date

Jodie Brackenbury
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

Shari Sievers
Permit and Licence Management
Department of Environment and
Heritage Protection
GPO Box 2454
BRISBANE QLD 4001
Phone: 1300 130 372
Fax: (07) 3330 5875
Email: palm@ehp.qld.gov.au
Website www.ehp.qld.gov.au
ABN 46 640 294 485

Enclosed

Permit - environmental authority (reference EPPR00483113)

Permit¹

Environmental Protection Act 1994

Environmental authority

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

Permit¹ number: EPPR00483113

Environmental authority takes effect on 22-SEP-2014.

The anniversary date of this environmental authority is 14-FEB. An annual return and the payment of the annual fee will be due each year on this day.

Environmental authority holder(s)

Name	Registered address
Tropical Canopy Pty Ltd	Palmerston Highway INNISFAIL QLD 4860

Environmentally relevant activity and location details

Environmentally relevant activity(ies)	Location(s)
63-(1a)(i) Sewage treatment >21 to 100EP - IT or IR	Wooroonooran NP - Mamu Canopy Walk (GISID 38208) - Lot 19 Plan NPW696

Additional information for applicants

Environmentally relevant activities

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

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

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

Contaminated land

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



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.



Signature

Jodie Brackenbury
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

22-SEP-2014

Date

Enquiries:
Shari Sievers
Permit and Licence Management
Department of Environment and Heritage
Protection
GPO Box 2454
BRISBANE QLD 4001
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Obligations under the *Environmental Protection Act 1994*

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

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

Conditions of environmental authority

conditions of approval for this environmental authority are contained within the attached document entitled:

- Conditions of approval.

Location:

Wooroonooran NP - Mamu Canopy Walk (GISID 38208) - Lot 19 Plan NPW696

Relevant activity:

63-(1a)(i) Sewage treatment >21 to 100EP - IT or IR

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

CONDITIONS OF APPROVAL

ERA 15(a) Sewage treatment - operating a standard sewage treatment works having a peak design capacity to treat sewage of 21 or more equivalent persons but less than 100 equivalent persons.

Agency Interest: General

(G1) Prevent and/or minimise likelihood of environmental harm.

In carrying out an ERA to which this approval relates, all reasonable and practicable measures must be taken to prevent and / or to minimise the likelihood of environmental harm being caused.

(G2) 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 all ERAs that are carried out.

The SBMP must address the following matters:

- (a) Environmental commitments - a commitment by senior management 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 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.
- (k) Periodic review of environmental performance and continual improvement.

(G3) Records.

Record, compile and keep all monitoring results required by this approval and present this information to the administering authority when requested.

(G4) Maintenance Of Measures, Plant and Equipment.

The operator of an ERA to which this approval relates must:

- (a) install all measures, plant and equipment necessary to ensure compliance with the conditions of this approval; and

- (b) maintain such measures, plant and equipment in a proper and efficient condition; and
- (c) operate such measures, plant and equipment in a proper and efficient manner.

(G5) Notification.

Telephone the EPA's Pollution Hotline or local office as soon as practicable after becoming aware of any release of contaminants not in accordance with the conditions of this approval.

(G6) Information About Spills.

A written notice detailing the following information must be provided to the EPA within 14 days of any advice provided in accordance with condition G5:

- a) the name of the operator, including their approval / registration number;
- b) the name and telephone number of a designated contact person;
- c) quantity and substance released;
- d) vehicle and registration details;
- e) person/s involved (driver and any others);
- f) the location and time of the release;
- g) the suspected cause of the release;
- h) a description of the effects of the release;
- i) the results of any sampling performed in relation to the release;
- j) actions taken to mitigate any environmental harm caused by the release; and
- k) proposed actions to prevent a recurrence of the release.

(G7) Monitoring.

A competent person(s) must conduct any monitoring required by this approval.

(G8) Trained / Experienced Operator(s).

The daily operation of the waste water treatment system and pollution control equipment must be carried out by a person(s) with appropriate experience and/or qualifications to ensure the effective operation of that treatment system and control equipment.

(G9) Spill Kit.

An appropriate spill kit, personal protective equipment and relevant operator instructions/emergency procedure guides for the management of wastes and chemicals associated with the ERA must be kept at the site, and in each vehicle used if the activity is a mobile ERA.

(G10) Spill Kit Training.

Anyone operating under this approval must be trained in the use of the spill kit.

(G11) All effluent holding tanks must operate with high level visual alarms and an automatic telemetry system capable of warning a designated person of an impending tank overflow.

(G12) All effluent holding tanks must operate with a mid level alarm that once activated will warn a designated person that an effluent pump out is required forthwith.

- (G13) Overflow from any effluent holding tanks must be contained in an overflow tank that is capable of storing 1576 litres of effluent or 48 hours of effluent production, whichever amount is higher.
- (G14) Adequate access for vehicles and attachments must be maintained to facilitate the pump outs of the sewage tanks.

Agency Interest: Air

- (A1) 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 be carried out at a place(s) relevant to the potentially affected dust sensitive place and at upwind control sites and must include:
- a) for a complaint alleging dust nuisance, dust deposition; and
 - b) for a complaint alleging adverse health effects caused by dust, the concentration per cubic metre of particulate matter with an aerodynamic diameter of less than 10 micrometre (μm) (PM10) suspended in the atmosphere over a 24hr averaging time.
- (A2) 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 nuisance sensitive or commercial place.
- (A3) Dust Nuisance.
- The release of dust and/or particulate matter resulting from the ERA must not cause an environmental nuisance at any nuisance sensitive or commercial place.
- (A4) Dust and particulate matter must not exceed the following levels when measured at any nuisance sensitive or commercial place:
- a) Dust deposition of 120 milligrams per square metre per day, when monitored in accordance with Australian Standard AS 3580.10.1 of 2003 (or more recent editions); OR
 - b) 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 nuisance sensitive or commercial place downwind of the site, when monitored in accordance with:
 - Australian Standard AS 3580.9.6 of 2003 (or more recent editions) '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.

Agency Interest: Land

- (L1) Preventing Contaminant Release To Land.
Contaminants must not be released to land.
- (L2) 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 Liquids.
- (L3) Pipelines and fittings associated with the effluent irrigation system must be clearly identified. Lockable valves or removable handles must be fitted to all release pipes situated in public access areas.

Agency Interest: Noise

- (N1) Noise Nuisance.
Noise from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place
- (N2) 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:
- LA 10, adj, 10 mins
 - LA 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.
- (N3) The method of measurement and reporting of noise levels must comply with the latest edition of the Environmental Protection Agency's Noise Measurement Manual.

Agency Interest: Social

- (S1) Complaint Response.
The operator of the ERA must record the following details for all complaints received and provide this information to the administering authority on request:
- a) Time, date, name and contact details of the complainant;
 - b) reasons for the complaint;
 - c) any investigations undertaken;
 - d) conclusions formed; and
 - e) any actions taken.

Agency Interest: Waste

(WA1) All regulated waste (including sewage tank sludges and sewage effluent) removed from the site must be removed by a person who holds a current authority to transport such waste under the provisions of the Environmental Protection Act 1994.

(WA2) Where regulated waste is removed from the authorised place (other than by a release as permitted under another schedule of this approval), the holder of this approval must monitor and keep records of the following:

- the date, quantity and type of waste removed;
- name of the waste transporter and/or disposal operator that removed the waste; and
- the intended treatment/disposal destination of the waste.

NOTE: Records of documents maintained in compliance with a waste tracking system established under the Environmental Protection Act 1994 or any other law for regulated waste will be deemed to satisfy this condition.

Agency Interest: Water

(W2) Release To Waters.

Contaminants must not be released from the site to any waters or the bed and banks of any waters.

(W4) 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.

- 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.

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

"regulated waste" means non-domestic waste mentioned in Schedule 7 of the *Environmental Protection Regulation 1998* (whether or not it has been treated or immobilised), and includes -

- for an element - any chemical compound containing the element; and
- anything that has contained the waste.

"sewage tanks" means any tanks containing sewage and includes the primary, secondary and effluent holding tanks

"site" means land or tidal waters on or in which it is proposed to carry out the development approved under this development approval.

"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.

"works" or "operation" means the development approved under this development approval.

"you" means the holder of this development approval or owner / occupier of the land which is the subject of this development approval.

END OF CONDITIONS