

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: EPPR00542313

Environmental authority takes effect 2 May 2014

The first annual fee is payable within 20 business days of the effective date.

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 \$6,169.50 will be due each year on this day.

Environmental authority holder(s)

Name	Registered address
PK'S Resort Pty Ltd T/A PK'S Jungle Village	Cnr Avalon & Cape Tribulation Road CAPE TRIBULATION QLD 4873

Environmentally relevant activity and location details

Environmentally relevant activity(ies)	Location(s)
63-(1b)(i) Sewage treatment >100 to 1500EP - IT or IR	PKs Jungle Village - Lot 11 Plan SR740

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.

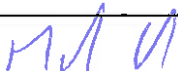
A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

Contaminated land

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

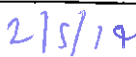


It is a requirement of the EP Act that if an owner or occupier of land becomes aware a notifiable activity (as defined in Schedule 3 and Schedule 4) is being carried out on the land, or that the land has been, or is being, contaminated by a hazardous contaminant, the owner or occupier must, within 22 business days after becoming so aware, give written notice to the chief executive.



Signature

Mark Cavicchiolo
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994



Date

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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

Agency interest: General	
Condition number	Condition
A1	No contaminant may be released to the environment in a concentration or quantity that causes or would be likely to cause environmental harm, other than in accordance with this environmental authority.
A2	The holder of this environmental authority must: (a) install and operate all works and control equipment; and (b) take all measures, perform all acts and do all things, necessary to ensure compliance with the conditions of this environmental authority.
A3	A copy of this environmental authority must be kept at the licensed place in a location readily accessible to personnel carrying out the activity.
A4	Records required to be kept by a condition of this environmental authority must be kept at the licensed place and retained for a period of five (5) years.
A5	Copies of any record required to be kept by a condition of this environmental authority must be provided to any authorised person or the administering authority on request.
A6	No change, replacement or alteration of any plant or equipment is permitted if the change, replacement or alteration of the plant or equipment increases, or is likely to substantially increase, the risk of environmental harm or environmental nuisance.
A7	The holder of this environmental authority must ensure that the operation and maintenance of the sewage treatment plant is carried out by or under the supervision of a person who is qualified to operate and maintain the plant.

A8	The sewage collection, treatment and disposal facilities must be inspected by the operator or a nominated person to ensure their continued effective operation. This shall be carried out at least twice per week.
Agency interest: Air	
Condition number	Condition
B1	The environmentally relevant activity must be carried out by such practicable means necessary to prevent or minimise the release or likelihood of release to the atmosphere of any contaminant in concentration or quantity capable of causing environmental harm beyond the boundaries of the licensed place.
B2	The environmentally relevant activity which is the subject of this environmental authority must be carried out in such a manner to ensure that no offensive odour caused by the activity can be detected beyond the boundaries of the licensed place.
B3	No release of contaminants, including but not limited to odour, dust, smoke, fume, particulate, and aerosols, is to cause or be likely to cause an environmental nuisance beyond the boundaries of the licensed place.
Agency interest: Water	
Condition number	Condition
C1	The environmentally relevant activity must be carried out by such practicable means necessary to prevent or minimise the release or likelihood of release to waters of contaminants in concentration or quantity capable of causing environmental harm.
Agency interest: Stormwater management	
Condition number	Condition
D1	The environmentally relevant activity must be carried out by such practicable means necessary to prevent or minimise the contact of incident rainfall and stormwater runoff with wastes or other contaminants, and prevent or minimise the release or likelihood of release of any such contaminated runoff from the licensed place.
Agency interest: Noise	
Condition number	Condition
F1	The emission of noise from the licensed place must not result in noise levels capable of causing an environmental nuisance beyond the boundaries of the licensed place.

Agency interest: Land											
Condition number	Condition										
E1	Except as otherwise provided by the conditions of this schedule of this environmental authority, the environmentally relevant activity must be carried out by such practicable means necessary to prevent or minimise the release or likelihood of release of contaminants to land.										
E2	Sewage effluent may only be released through the sprinkler system located in the defined contaminant release area, as shown on the site plan in Schedule 1.										
E3	A minimum of 4500 square metres of land must be provided for the contaminant release area.										
E4	The contaminant release area must not be used for grazing, recreational activities or as a traffic thoroughfare.										
E5	The holder of this environmental authority shall provide and maintain a sampling point for the treated sewage effluent at the sewage treatment plant. This sampling point must be maintained so as to be readily accessible to authorised officers at any reasonable time.										
E6	The release of contaminants to land, referred to in condition number (E2), must be carried out in a manner so as to ensure that: (a) no vegetation in or adjacent to the release area is damaged; (b) the potential for soil erosion or soil structure damage is minimised; (c) there is no surface ponding of effluent; (d) the effluent is evenly distributed on the release area; and (e) the infiltration of effluent beyond the plant root zone is minimised.										
E7	The quantity of contaminants released to the release area during any day must not exceed 43 cubic metres.										
E8	The rate of application of contaminants to the release area must not exceed ten (10) millimetres per day.										
E9	The holder of this environmental authority shall install water saving devices to achieve a reduction in the maximum daily quantity of effluent irrigated, from 43 cubic metres, to 30 cubic metres.										
E10	The release of contaminants to land must comply with each and all of the quality characteristics specified in Table 1 of Schedule E. TABLE 1 - SCHEDULE E Release Quality Characteristic Limits <table><tr><th>QUALITY CHARACTERISTICS</th><th>RELEASE LIMIT(S)</th><th>LIMIT TYPE</th></tr><tr><td>5-Day Biochemical Oxygen Demand (mg/l)</td><td>20</td><td>Maximum</td></tr><tr><td>Faecal Coliforms (Organisms/100 ml)</td><td>500</td><td>Maximum</td></tr></table>		QUALITY CHARACTERISTICS	RELEASE LIMIT(S)	LIMIT TYPE	5-Day Biochemical Oxygen Demand (mg/l)	20	Maximum	Faecal Coliforms (Organisms/100 ml)	500	Maximum
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E11	The holder of this environmental authority must install a wet weather storage facility capable of storing at least sixty (60) cubic metres of sewage effluent.						
Agency interest: Waste							
Condition number	Condition						
G1	Waste must not be released to the environment, stored, transferred or disposed of contrary to any condition of this environmental authority.						
G2	The removal and disposal of sludges from the sewage treatment system must be carried out in such a manner as to minimise environmental harm being caused.						
Agency interest: Self monitoring and reporting							
Condition number	Condition						
H1	A record must be maintained of any shut-downs or failures of the sewage pump stations.						
H2	The record required by condition number (H1) must be maintained for a period of not less than five (5) years.						
H3	As soon as practicable after becoming aware of any emergency or incident which results in the release of contaminants not in accordance, or reasonably expected to be not in accordance with the conditions of this environmental authority, the holder of this environmental authority must notify the administering authority of the release by telephone or facsimile.						
H4	The holder of this environmental authority is responsible for determining the quality of treated sewage effluent released to the effluent irrigation area, by determining those quality characteristics specified in Table 2 of Schedule H. Such determinations must be carried out as often as is necessary to check compliance with this environmental authority but not less frequently than shown in that table. TABLE 2 - SCHEDULE H <table border="1"> <thead> <tr> <th>QUALITY CHARACTERISTIC DETERMINATION</th><th>FREQUENCY</th></tr> </thead> <tbody> <tr> <td>5-day Biochemical Oxygen Demand.</td><td>quarterly</td></tr> <tr> <td>Faecal Coliforms. (Organisms/100 ml)</td><td>quarterly</td></tr> </tbody> </table>	QUALITY CHARACTERISTIC DETERMINATION	FREQUENCY	5-day Biochemical Oxygen Demand.	quarterly	Faecal Coliforms. (Organisms/100 ml)	quarterly
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H5	The holder of this environmental authority must develop and submit to the administering authority a water quality monitoring program for comment and review. The holder of this environmental authority must have due regard to any comment made by the administering authority in the finalisation of the water quality monitoring program.						
H6	The waterway to be monitored in accordance with H5 is the unnamed tidal creek located east of the effluent irrigation area.						

H7	The holder of this environmental authority shall commence the monitoring program described in condition number (H5) within thirty (30) days of receiving comment from the administering authority in relation to the program.
H8	All determinations of the quality of contaminants released to waters must be: (a) made in accordance with methods prescribed in the Environmental Protection Agency Water Quality Sampling Manual, 3rd Edition, December 1999, or more recent additions or supplements to that document as such become available; (b) and performed by a person or body possessing appropriate experience and qualifications to perform the required measurements.
H9	Records must be kept of the results of all determinations of the quality of contaminants released to waters for a period of at least five (5) years.
H10	The daily quantity of contaminants released to land must be determined by a method which is accurate to within 10% of the actual amount released.
H11	Records must be kept of the results of all determinations of the daily quantity of contaminants released to waters for a period of at least five (5) years.
H12	The holder of this environmental authority must notify the administering authority in writing of any monitoring result which indicates non-compliance with any quality or quantity requirement of this environmental authority. Such notification must occur within twenty-eight (28) days of completion of the monitoring indicating non-compliance.
Agency interest: Definitions	
For the purposes of this environmental authority, any term not otherwise defined in the Act and any subordinate legislation made pursuant to the Act or in the Definitions Schedule of this environmental authority, has the meaning conferred to that term in its common usage.	
In the event of any inconsistency arising between the meaning of any term provided in the Definitions Schedule of this environmental authority and any common usage of that term, the meaning conferred in the Definitions Schedule of this environmental authority prevails.	
"Act" means the <i>Environmental Protection Act 1994</i> .	
"administering authority" means the Department of Environment or its successor.	
"Land" means land excluding waters and the atmosphere.	
"mgr/l" means milligrams per litre.	
"maximum" means that the measured value of the quality characteristic or contaminant must not be greater than the release limit stated.	
"the holder of this environmental authority" means PK's Resort Pty Ltd.	

Schedule 1

