Queensland Government

Department of
Environment and Heritage Protection

03-FEB-2016

C & D Balfour Pty Ltd
32 Granville Road
MAAROOM QLD 4650

Your reference: 750492
Our reference: 221949

Application details

I refer to the application that was received by the administering authority on 02-FEB-2016.

Land description: Maaroom Caravan Park - 32 Granville Road MAAROOM Lot 80 Plan MCH5080.

Decision

Your application has been approved and your environmental authority (reference EPPR00493813) 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 Permit and Licence Mangement on telephone 1300130372 option 4.

Yours sincerely

	03/02/2016
Signature	Date

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

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 EPPR00493813)

Department of Environment and Heritage Protection

Permit[1]

Environmental Protection Act 1994

Environmental authority

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

Permit[1] number: EPPR00493813

Environmental authority takes effect on 03-FEB-2016.

The anniversary date of this environmental authority remains 25th January.

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
C & D Balfour Pty Ltd	32 Granville Road MAAROOM QLD 4650

Environmentally relevant activity and location details

Environmentally relevant activity(ies)	Location(s)
63-(1a)(i) Sewage treatment >21 to 100EP - IT or IR	Maaroom Caravan Park - 32 Granville Road MAAROOM - Lot 80 Plan MCH5080

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).

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

Contaminated land

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

03/02/2016

Date

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

Enquiries:
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

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

The conditions of this environmental authority are the conditions of the attached Development Approval ref IPDE01365609 as they related to the licensed activities, where any references to the holder of the development approval are taken to refer to the holder of this environmental authority.

Attachments

- Development approval permit

END OF PERMIT

ecoaccess
environmental licences and permits

Development Permit

Section 3.5.15 *Integrated Planning Act 1997*

EPA Permit[1] number: IPDE01365609

This document replaces the document (CM0449) issued on 10 September 2003

EPA Permit[1] number:	IPDE01365609
Assessment Manager reference:	as above
Permit[1] Type:	Development Approval for an ERA (Replacement Document)
Date of Decision:	04-FEB-2009
Decision:	Replacement Documents issued under section 621 of the *Environmental Protection Act 1994*
Relevant Laws and Policies:	*Environmental Protection Act 1994* and any subordinate legislation

Development Description

Property	Lot/Plan	Aspect of Development
32 Granville Road, MAAROOM QLD 4650	Lot 80 Plan MCH5080	ERA 63 Sewage treatment Threshold 2(a) - operating sewage treatment works, other than no-release works, with a total daily peak design capacity of 21 to 100EP

[1] Permit includes licences, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation administered by the Environmental Protection Agency and the Queensland Parks and Wildlife Service

Environmental Protection Agency
www.epa.qld.gov.au ABN 87 221 158 786

Queensland Government
Environmental Protection Agency
Queensland Parks and Wildlife Service

Additional comments or advice about the application

Nil

Additional information for applicants

The standard currency periods stated in section 3.5.21 of the *Integrated Planning Act 1997* or the nominated currency period, apply to each aspect of development in this permit[1].

Contaminated Land

It is a requirement of the *Environmental Protection Act 1994* that if an owner or occupier of land becomes aware a Notifiable Activity (as defined by Schedule 2 of the *Environmental Protection Act 1994*) is being carried out on the land or that the land has been affected by a hazardous contaminant, they must, within 30 days after becoming so aware, give notice to the Environmental Protection Agency.

Environmentally Relevant Activities

The aforementioned description of any environmentally relevant activity (ERA) for which this permit is issued is simply a restatement of the ERA as prescribed in the legislation at the time of issuing this permit. Where there is any conflict between the abovementioned description of the ERA for which this permit is issued and the conditions specified herein as to the scale, intensity or manner of carrying out of the ERA, then such conditions prevail to the extent of the inconsistency.

This permit authorises the ERA. It does not authorise environmental harm unless a condition within this permit explicitly authorises that harm. Where there is no such condition, or the permit is silent on a matter, the lack of a condition or silence shall not be construed as authorising harm.

In addition to this permit, the person to carry out the ERA must be a registered operator under the *Environmental Protection Act 1994*. For the person to become a registered operator, they must apply for a registration certificate under section 73F of the *Environmental Protection Act 1994*.

T. B

Tim Brain
Delegate
Environmental Protection Agency
04-FEB-2009

Schedule A - Activity

Prevent and / or Minimise Likelihood Of Environmental Harm

(A1) Notwithstanding any other requirements of this development approval, all reasonable and practicable measures must be taken to prevent and / or to minimise the likelihood of environmental harm being caused when carrying out the environmentally relevant activity.

Site Based Management Plan

(A2) By 30 January 2003 the registered operator must prepare and implement a Site Based Management Plan (SBMP) that identifies the actual and potential release of ALL contaminants, their subsequent environmental impacts and all corrective and preventive measures that will be taken to prevent and / or minimise the likelihood of environmental harm. 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.

Notification

(A3) Notify the administering authority as soon as practicable when the release of contaminants is not in accordance with the conditions of this document or any event where environmental harm may be threatened

(A4) Written advice of the following information must be provided within fourteen (14) days following any event as identified in condition number (Notification A3):

- the location of the event;
- the time of the event;
- the time the registered operator became aware of the event;
- the suspected cause of the event;
- a description of the resulting effects of the event;
- actions taken to mitigate any environmental harm and or environmental nuisance caused by the event; and
- proposed actions to prevent a recurrence of the event.

Monitoring

(A5) 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.

Improvement Strategy

(A6) By 30 June 2003, the registered operator must develop a strategy to improve the quality, and methods of disposal, of effluent and to minimise impacts to the environment.

(A7) The strategy must be prepared having regard to the following:

(a) soil characteristics;
(b) climate;
(c) effluent quality;
(d) vegetation and cropping practices;
(e) groundwater level, characteristics and uses;
(f) surface drainage;
(g) sustainable contaminant loadings of the release area;
(h) environmental impacts.

4-2-09

Schedule B - Air

(B1) Prevent the release of odour, dust and/or particulate matter, spray-drift, smoke, aerosols, or fumes which cause or are likely to cause a nuisance. Nuisance includes the release of contaminants that are likely to be offensive to a person or a nuisance in the opinion of an authorised person.

(B2) Dust is not considered to be a nuisance under condition B1 if monitoring shows that dust and / or particulate matter did or does NOT exceed the following limits at the boundary of any affected dust sensitive place:

- Dust deposition of 120 milligrams per square metre per day, when monitored in accordance with Australian Standard AS 3580.10 of 1991; AND
- 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 the boundary of any affected dust sensitive place downwind of the premises to which this development approval relates, when monitored in accordance with:
  - Australian Standard AS 3580.9.6 "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.

Schedule C - Water

Stormwater Management

(C1) Prevent the release of stormwater runoff that has been in contact with any contaminants at the site to any waters.

(C2) Spillage of all chemicals and fuels must be captured within an on-site containment system.

Schedule D - Noise and vibration

(D1) Noise from activities must not cause an environmental nuisance at any noise sensitive place or any commercial place.

(D2) When requested by the Administering Authority noise monitoring must be undertaken to investigate any complaint of noise annoyance. Monitoring must include:

- $L_{A\ 10,\ adj,\ 10\ mins}$
- $L_{A\ 1,\ adj,\ 10\ mins}$
- 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.

(D3) The method of measurement and reporting of noise levels must comply with the Environmental Protection Agency's Noise Measurement Manual, Third Edition, 1 March 2000, or more recent editions or supplements to that document as they become available.

Schedule E - Waste

Off Site Movement

(E1) Where regulated waste is removed from any site (other than by a release as permitted under another schedule of this development approval), the registered operator must monitor and keep records of the following:

(a) the date, quantity and type of waste removed; and
(b) name of the waste transporter and/or disposal operator that removed the waste; and
(c) 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).

(E2) Regulated waste must not be released to the environment, stored, transferred or disposed of contrary to any condition of this development approval.

Schedule F – Land

(F1) The only contaminants permitted to be released is treated effluent of a quality consistent with that produced by a septic tank designed for at least the equivalent population actually served, and properly operated and maintained.

(F2) Unless authorised under Schedule C, irrigation of effluent must not result in runoff beyond the boundary of the site or into a waterway.

(F3) The disposal of treated effluent must be carried out in a sustainable manner such that:

- vegetation is not damaged;
- soil erosion and soil structure damage is minimised;
- there is no surface ponding of effluent;
- the effluent is evenly distributed on the disposal area; and

(F4) Notices must be prominently displayed on any treated effluent irrigation area warning the public that the area is irrigated with treated effluent and not to use or drink the wastewater. These notices must be maintained in a visible and legible condition.

(F5) Conduct and keep records of a monitoring program of contaminant releases from the treatment plant at the monitoring points, frequency, and for the parameters specified in Schedule F Table 2 and which complies with the following:

Schedule F - Table 2

Monitoring Point	Quality Characteristic	Units	Frequency
Exit of Septic System to Disposal Area	5-day Biochemical Oxygen Demand	mg/L	Quarterly
	Suspended Solids	mg/L	Quarterly
	pH	pH scale	Quarterly
	Faecal Coliforms	cfu/100 mL	Quarterly
	Total Nitrogen (as Nitrogen)	mg/L	6 monthly
	Total Phosphorous (as Phosphorous)	mg/L	6 monthly

(F6) When conditions prevent the disposal of treated effluent to land, alternative measures must be taken to store/dispose of treated effluent.

Contaminant Release Quantity

(F7) The total quantity of sewage effluent released to land is to be consistent with that produced by a septic tank designed for at least the equivalent population actually served, and properly operated and maintained.

Inspection of Effluent Disposal Trenches and Areas

(F8) The ground surface near all effluent disposal trenches and areas must be inspected at least once a month for any signs of effluent seepage at the soil surface; the inspection must include ground up slope and down slope from each disposal or trench area.

(F9) If effluent seepage is detected, the registered operator must take all reasonable and practicable measures to prevent further seepage of effluent.

Inspection and Maintenance of Septic Tanks

(F10) The septic tanks used in the environmentally relevant activity must be inspected at least twice annually to determine whether sludge removal is required.

Whenever sludge removal is found to be required, this must be carried out promptly.

Monitoring of Volume of Release/s

(F11) The daily quantity of contaminants released must be determined or estimated by an appropriate method, for example, a flow meter, hour meter or park residency records.

Schedule G - Community

(G1) 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.

(G2) In consultation with the administering authority, cooperate with and participate in any community environmental group or organisation established in respect of either the site specifically, or the industrial estate where the site is located.

FB 4-2-09

Schedule H - Definitions

Some of the words and phrases used throughout this approval are defined below:

(H1) **"administering authority"** means the Environmental Protection Agency or its successor.

(H2) **"site"** means land or tidal waters on or in which it is proposed to carry out the development approved under this development approval.

(H3) **"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.

(H4) **"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.

(H5) **"protected area"** means -

- a protected area under the *Nature Conservation Act 1992*; or
- a marine park under the *Marine Parks Act 1992*; or
- a World Heritage Area.

(H6) **"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 any under groundwater, any part-thereof.

(H7) **50th percentile** means not more than five (5) of the measured values of the quality characteristic are to exceed the stated release limit for any ten (10) consecutive samples for a release/monitoring point at any time during the licensed works.

(H8) **80th percentile** means not more than two (2) of the measured values of the quality characteristic is to exceed the stated release limit for any ten (10) consecutive samples for a sampling point at any time during the licensed works

(H9) **"noxious"** means harmful or injurious to health or physical well being.

(H10) **"offensive"** means causing offence or displeasure; is disagreeable to the sense; disgusting, nauseous or repulsive.

(H11) **"registered operator"** means the holder of a registration certificate for the activity to which this Development Approval relates, issued under Section 73F of the *Environmental Protection Act 1994* and in force.

Noise Definitions

(H11) **"$L_{A\ 10,\ adj,\ 10\ mins}$"** means the A-weighted sound pressure level, *(adjusted for tonal character and impulsiveness of the sound)* exceeded for 10% of any 10 minute measurement period, using Fast response.

(H12) **"$L_{A\ 1,\ adj,\ 10\ mins}$"** means the A-weighted sound pressure level, *(adjusted for tonal character and impulsiveness of the sound)* exceeded for 1% of any 10 minute measurement period, using Fast response

(H13) **"noise affected premises"** means a "noise sensitive place" or a "commercial place"

(H14) **"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.

(H15) **"commercial place"** means a place used as an office or for business or commercial purposes.

(H16) **"intrusive"** noise - means noise that, because of its frequency, duration, level, tonal characteristics, impulsiveness or vibration

- is clearly audible to, or can be felt by, an individual; and
- annoys the individual.

In determining whether a noise annoys an individual and is unreasonably intrusive, regard must be given to *Australian Standard 1055.2 - 1997 Acoustics - Description and Measurement of Environmental Noise Part 2 - Application to Specific Situations.*

Schedule I - Maps / Plans

There are no attachments to this schedule.

END OF CONDITIONS

PUBLIC REGISTER

Department of Environment and Resource Management

Notice

Change to a development approval

This notice is issued by the Department of Environment and Resource Management pursuant to section 376 of the Sustainable Planning Act 2009 ("the Act").

Mr Jaeson and Mrs Eileen Brache
Maaroom Caravan Park
32 Granville Rd
MAAROOM QLD 4650

cc/
Fraser Coast Regional Council
PO Box 1943
HERVEY BAY QLD 4655

Our reference: MBH354, 221949

Re: Request to change a development approval

1. The Chief Executive, Department of Environment and Resource Management (DERM) as assessment manager received a request to change a development approval on 5 May 2011.

2. **Details of the development approval for the original application**

Assessment Manager reference: SPDE01884411 (previously IPDE01365609, CM0449 and CM0347)

Date original application made or referred to DERM: 7 November 2001

Development approval applied for: Development Permit

Aspect(s) of development:

Material change of use of premises – For an environmentally relevant activity	*Integrated Planning Regulation 1998* - Schedule 2, Item 7.

Property/Location description: Lot 80 on MCH5080 at 32 Granville Rd, MAAROOM QLD 4650

Date of decision for the original application and development approval: 25 January 2002

3. The decision for the request to change a development approval, made on 5 May 2011, is to approve the following changes to the development approval:

Department of Environment and Resource Management
www.derm.qld.gov.au ABN 46 640 294 485
Queensland Government

- The ERA definition for sewage treatment is updated

  from that stated in the *Environmental Protection Regulation 2008* reprint 1 (ERA 63(2)(a))

  to that provided in the *Environmental Protection Regulation 2008* reprint 1N (ERA 63(2)(a)(i)) for sewage treatment works where the treated effluent is discharged from the works to an infiltration trench or through an irrigation scheme.

- The following conditions are **deleted** from the Development Approval:
  - Schedule A - Activity: (A2), (A6), (A7),
  - Schedule F - Land: (F1), Schedule F Table 2, (F7), (F10)
  - Schedule G – Community: (G2)

- The following conditions are **added** to the Development Approval:

(A2A) 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.

(A2B) The site based management plan must not be implemented or amended in a way that contravenes any condition of this approval.

(A8) 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.

(C3) Contaminants must not be released from the site to any waters or the bed and banks of any waters.

(F1A) Land Disposal.

The only contaminants permitted to be released to land is treated effluent to the designated effluent disposal area in compliance with the limits levels stated in Schedule F Table 1 - Contaminant release

limits to land and the conditions of this approval.

Schedule F Table 1 - Contaminant release limits to land

Quality characteristics	Release Limit			
	Minimum	50th Percentile	80th Percentile	Maximum
BOD (mg/L)	N/A	20	N/S	30
Suspended Solids (mg/L)	N/A	30	N/S	50
e.coli (CFU per 100 mL)	N/A	<100	N/S	<1000
pH (pH units)	6.0	N/A	N/A	8.5
Residual chlorine [1] (mg/L)	0.2	N/A	N/A	1.5

N/A = Not applicable
N/S = Not Specified

[1] *Residual chlorine limit does not apply if subsurface irrigation methods are employed. Subsurface irrigation methods include buried pipe systems; surface irrigation systems include sprays and drippers.*

Schedule F Table 2A – Monitoring Schedule

Monitoring Point	Quality characteristics	Frequency 1 [2]	Frequency 2 [2]
Discharge from STP to effluent irrigation area	BOD (mg/L)	Quarterly	6 monthly
	Suspended Solids (mg/L)	Quarterly	6 monthly
	e.coli (CFU per 100 mL)	Quarterly	6 monthly
	pH (pH units)	Quarterly	6 monthly
	Total Nitrogen (mg/L)	Quarterly	6 monthly
	Total Phosphorus (mg/L)	Quarterly	6 monthly
	Residual chlorine [3] (mg/L)	Quarterly	6 monthly

[2] *Frequency 1 = Monitoring frequency to be implemented following;*

(a) *The commencement date of this amended development approval; and if*
(b) *An analysis result reveals a non compliance with any of the limits stated in Schedule C Table 1.*

[2] *Frequency 2 = Monitoring frequency to be implemented following 4 consecutive monitoring events at monitoring frequency 1 that demonstrates compliance with the quality characteristics in Schedule C Table 1.*

[3] *Residual chlorine is not required to be monitored if **subsurface** irrigation methods are employed. Subsurface irrigation methods include buried pipe systems; surface irrigation systems include sprays and drippers.*

(F7A) Daily Volume of Contaminants Treated

The volume of contaminants treated must not exceed 10,400 litres per day.

END OF AMENDED CONDITIONS

4. Attached is a copy of the decision notice for the original application showing the changes.

5. If this notice is given to the person who made the request, or to an entity that gave DERM as the responsible entity a notice under section 373 of the Act or a pre-request response notice, or if this notice is given by DERM as a concurrence agency and the concurrence agency's decision is to refuse the request or approve the request on conditions, such person or entity may appeal against the decision and the attached extract from the Act states how the person or entity may appeal.

Delegate
Tim Brain
Chief, Executive, Department of Environment and Resource Management
18 July 2011

Enquiries:
Daniel Cohen
Department of Environment and Resource Management
Wide Bay /Burnett Office
Cnr Lennox & Alice Streets,
PO Box 101
Maryborough Qld 4650
Phone: (07) 4121 1816
Fax: (07) 4121 1650

Attachments

-Information Sheet – Appeals – Sustainable Planning Act 2009 (extract from the Sustainable Planning Act 2009).
-Copy of the decision notice for the original application showing the changes.