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environmental licences and permits

Permit[1]

S619 Environmental Protection Act 1994

Development Approval for a MCU involving an ERA

Permit number: ENDC00123204

Valid From: 10-DEC-2004

Details

Permit Holder(s)	Name	Address
Principal Holder	Mr RAMON MITCHELL FISH	18 OAK ST BOONOOROO QLD 4650

Location(s)	Lot and Plan	Activity(s)
Boonooroo Tuan Caravan Park	4 and 5 RP221470	ERA 15(a) Sewage treatment - operating - a standard sewerage treatment works having a peak design capacity to treat sewage of 21 or more equivalent persons but less than 100 equivalent persons. (15(a) Sewage treatment >21 but < 100 ep1)

Conditions of Approval

Agency interest: General

G1 This approval is subject to all conditions specified in Environmental Authority CM0279 dated 5 September 2001. Under Section 619 of the Environmental Protection Act 1994, conditions of Environmental Authority CM0279 are now taken to have effect as if they were development conditions of a development approval.

Signed

Mark EVANS
Environmental Protection Agency
Date 8-12-04

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 ACT 1994

Queensland Government
Environmental Protection Agency
Queensland **Parks and Wildlife Service**

Wide Bay Burnett District Office (Maryborough)
PO Box 101 MARYBOROUGH QLD 4650
Phone: (07) 4121 1800 Fax: (07) 4121 1650
www.env.qld.gov.au ABN: 87221158786

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Licence No. CM0279 (without development approval)

Section 93 *Environmental Protection Act 1994*

This licence to carry out an environmental relevant activity is issued in accordance with section 93 of the Environmental Protection Act 1994

Under the provisions of the *Environmental Protection Act 1994* this licence is issued to:

Boonooroo Tuan Caravan Park
Oak Street
BOONOOROO QLD 4650

in respect of carrying out the environmental relevant activity:

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

at the following place(s):

Lot 4 and Lot 5 on Plan RP221470.

located at:

Oak Street, Boonooroo QLD.

This licence is subject to the conditions set out in the attached schedules.

The anniversary date of this licence is 14/09.

This licence takes effect from 14 September 2001.

Signed

5 September 2001
Date

Shaun Ferris
District Manager (Environment)
Delegate of Administering Authority
Environmental Protection Act 1994

Note: This licence document is not proof of the current status of the licence. The current status of the licence may be ascertained by contacting the Environmental Protection Agency.

Schedule of conditions

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

This licence incorporates the following schedules of conditions relevant to various issues:

- Schedule A - General conditions
- Schedule B - Air
- Schedule C - Water
- Schedule D - Stormwater management
- Schedule E - Land application
- Schedule F - Noise
- Schedule G - Waste management
- Schedule H - Self monitoring and reporting
- Schedule I - Definitions
- Schedule J - Site plans

Schedule A - General conditions

The following conditions are prescribed:

Maintenance of Plant and Equipment

(A1) The holder of this environmental authority must:

(a) install all plant and equipment necessary to ensure compliance with the conditions of this environmental authority; and
(b) maintain such plant and equipment in a proper and efficient condition; and
(c) operate such plant and equipment in a proper and efficient manner.

In this condition, "plant and equipment" includes:

(a) plant and equipment used to prevent and/or minimise the likelihood of environmental harm being caused;
(b) devices and structures to contain foreseeable escapes of contaminants and waste;
(c) devices and structures used to store, handle, treat and dispose of waste;
(d) backup systems that act in the event of failure of the primary system.

Display of Environmental authority

(A2) A copy of all parts of this environmental authority relevant to the carrying out the environmentally relevant activity must be kept in a location readily accessible to the personnel that are carrying out the environmentally relevant activity.

Records

(A3) Any record or document required to be kept by a condition of this environmental authority must be kept at the licensed place for a period of at least five years and be available for examination by an authorised person. The record retention requirements of this condition will be satisfied if any daily and weekly records are kept for a period of at least three (3) years and these records are then kept in the form of annual summaries after that period.

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(A4) Records must be kept of the results of any inspections and maintenance work required by a condition of this environmental authority, and of the remedial works, if any, undertaken. A copy of these records must be submitted with each annual return.

Alterations

(A5) No change, replacement or operation of any plant or equipment is permitted if the change, replacement or operation of the plant or equipment increases, or is likely to substantially increase, the risk of environmental harm above that expressly provided by this environmental authority.

An example of a substantial increase in the risk of environmental harm is an increase of 10% or more in the quantity of the contaminant to be released into the environment.

Calibration

(A6) All instruments and devices used for the measurement or monitoring of any parameter under any condition of this environmental authority must be calibrated, and appropriately operated and maintained.

Trained Operators

(A7) All persons engaged in the conduct of the activity, including but not limited to employees and contract staff, must be:

(a) trained in the procedures and practices necessary to:
  (i) comply with the conditions of this environmental authority, and
  (ii) prevent environmental harm during normal operation and emergencies; or

(b) under the close supervision of such a trained person.

Responsible Contact Person

(A8) The holder of this environmental authority shall ensure that a person resident at Boonooroo Tuan Caravan Park is designated with responsibility for:

(a) monitoring and recording the operation and performance of the sewage treatment plant and the effluent disposal area in accordance with this environmental authority;
(b) reporting to the Administering Authority in the event of circumstances indicating that conditions of this environmental authority may be contravened; and
(c) reporting to the service agent of the sewage treatment plant in the event of equipment malfunction which may cause conditions of this environmental authority to be contravened.

(A9) The holder of this environmental authority shall provide contact details of the person designated in condition (A8) of this environmental authority to the Administering Authority:

(a) within one (1) month of the issue of this environmental authority; and
(b) if a new designated contact person is appointed.

Contact details should include full name, residential address and telephone number.

Environmental Management Program

(A10) The holder of this environmental authority is required to prepare and carry out an environmental management program to develop a strategy to improve the quality and methods of disposal of effluent and to minimise impacts to the environment. This requirement is made by a separate written notice under section 332 of the Act.

(A11) The strategy must be prepared having regard to the following:

(a) soil characteristics;
(b) climate;
(c) effluent quality;

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(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.

END OF CONDITIONS FOR SCHEDULE A

Schedule B - Air

The following conditions are prescribed:

Noxious or Offensive Odour

(B1) Notwithstanding any other condition of this environmental authority, no release of contaminants from the licensed place is to cause a noxious or offensive odour beyond the boundaries of the licensed place.

END OF CONDITIONS FOR SCHEDULE B

Schedule C - Water

The following conditions are prescribed:

Release of Contaminants to Waters

(C1) Contaminants must not be directly or indirectly released from any licensed place to any waters or the bed and banks of any waters except:

(a) as permitted under any water schedule in this environmental authority; or
(b) as permitted under any stormwater schedule; or
(c) to a sewer as permitted or otherwise agreed from time to time by the relevant Local Government.

END OF CONDITIONS FOR SCHEDULE C

Schedule D - Stormwater management

The following conditions are prescribed:

Contaminant Releases Caused by Rainfall

(D1) Except as otherwise provided by the conditions of the stormwater management schedule and the water schedule of this environmental authority, the environmentally relevant activity must be carried out by such practicable means necessary to prevent and/or minimise the release or likelihood of release of contaminated runoff from the licensed place to any stormwater drain or waters or the bed or banks of any such waters. "Contaminated runoff" for the purposes of this condition means stormwater and/or stormwater runoff that contains contaminants that may cause environmental harm.

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Cleaning and Spillages

(D2) The maintenance and cleaning of any vehicles, other equipment or plant must be carried out in areas where contaminants cannot be released into any waters, roadside gutter or stormwater drain.

(D3) Any spillage of waste, contaminants or other materials must be cleaned up as quickly as practicable. Such spillages must not be cleaned up by hosing, sweeping or otherwise releasing such waste, contaminants or material to any stormwater drainage system, roadside gutter or waters.

END OF CONDITIONS FOR SCHEDULE D

Schedule E - Land application

The following conditions are prescribed:

Description of Contaminants

(E1) The only contaminant allowed to be released to land is treated sewage effluent from the holder of this environmental authority's sewage treatment plant.

Wastewater Disposal Method

(E2) The method of disposal of wastewater from the sewage treatment system is to be by sub-surface irrigation, and the disposal area is to be situated within the land held by the licensee

Contaminant Release Quantity

(E3) 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.

Contaminant Release Quality

(E4) The quality of wastewater disposed of from the sewage treatment system 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.

(E5) The quality of treated sewage effluent released to land, at the sampling and in-situ measurement point/s specified in Schedule H, must be determined as per the requirements of Condition (H10).

(E6) Contaminants released must not have any properties nor contain any organisms or contaminants in concentrations which are capable of causing environmental harm.

Contaminant Release Precautions

(E7) The contaminant release area/s must not be used as a traffic thoroughfare, or for recreation or camping purposes.

(E8) Pipelines and fittings for the release of contaminants to land must be clearly identified. Standard water taps, hoses and cocks must not be fitted to contaminant release pipelines, and the contaminant release system must not be connected to other service pipelines. Lockable valves or removable handles must be fitted to the contaminant release pipelines where there is public access to the contaminant release areas.

(E9) The release of contaminants to land must not be carried out if soil moisture conditions are such that surface runoff or ponding, or sub-surface release of wastewater off-site is likely to occur.

(E10) When weather conditions or soil conditions are such that application of wastewater to the disposal area/s would lead to surface runoff or subsurface release of wastewater off-site, the wastewater must be directed to a wet weather storage tank or otherwise managed to prevent release.

(E11) The contaminant release area/s must be maintained in a proper and efficient condition so as to provide adequate assimilation, percolation and transpiration of the released contaminants.

Fuel Storage

(E12) The underground fuel storage facility must be maintained and operated to prevent the direct or indirect release of petroleum product to the receiving environment

END OF CONDITIONS FOR SCHEDULE E

Schedule F - Noise

No conditions are prescribed under this schedule.

END OF CONDITIONS FOR SCHEDULE F

Schedule G - Waste management

The following conditions are prescribed:

General

(G1) Except as otherwise provided by the conditions of this environmental authority, the holder of this environmental authority must not:

(a) allow waste to burn or be burned at or on the licensed place; nor
(b) remove waste from the licensed place and burn such waste elsewhere.

Off Site Movement

(G2) Where regulated waste is removed from any licensed place (other than by a release as permitted under another schedule of this environmental authority), the holder of this environmental authority 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).

(G3) Regulated waste must not be released to the environment, stored, transferred or disposed of contrary to any condition of this environmental authority.

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Notification of Improper Disposal of Regulated Waste

(G4) If the holder of this environmental authority becomes aware that a person has removed regulated waste from the licensed place (or licensed vehicles) and disposed of the regulated waste in a manner that is not authorised by this environmental authority or is improper or unlawful, then the holder of this environmental authority must, as soon as practicable, notify the administering authority of all relevant facts, matters and circumstances known concerning the disposal.

END OF CONDITIONS FOR SCHEDULE G

Schedule H - Self monitoring and reporting

The following conditions are prescribed:

Complaint Recording

(H1) All complaints received by the holder of this environmental authority relating to releases of contaminants from operations at the licensed place must be recorded and kept with the following details:

(a) time, date and nature of complaint;
(b) type of communication (telephone, letter, personal etc.);
(c) name, contact address and contact telephone number of complainant (Note: if the complainant does not wish to be identified then "Not identified" is to be recorded);
(d) response and investigation undertaken as a result of the complaint;
(e) name of person responsible for investigating complaint; and
(f) action taken as a result of the complaint investigation and signature of responsible person.

Notification of Emergencies and Incidents

(H2) As soon as practicable after becoming aware of any emergency or incident that 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.

(H3) The notification of emergencies or incidents as required by condition H2 must include but not be limited to the following:

(a) the name of the holder of the environmental authority;
(b) the location of the emergency or incident;
(c) the number of the environmental authority;
(d) the name and telephone number of the designated contact person;
(e) the time of the release;
(f) the time the holder of the environmental authority became aware of the release;
(g) the suspected cause of the release;
(h) the environmental harm caused, threatened, or suspected to be caused by the release; and
(i) actions taken to prevent further any release and mitigate any environmental harm caused by the release.

(H4) Not more than 14 days following the initial notification of an emergency or incident, the holder of the environmental authority must provide written advice of the information supplied in accordance with condition H3 in addition to:

(a) proposed actions to prevent a recurrence of the emergency or incident; and
(b) outcomes of actions taken at the time to prevent or minimise environmental harm.

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(H5) As soon as practicable, but not more than six weeks following the conduct of any environmental monitoring performed in relation to the emergency or incident, that 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 the environmental authority must provide written advice of the results of any such monitoring performed to the administering authority.

Water Quality Determinations

(H6) All determinations of the quality of contaminants released to land must be made in accordance with methods prescribed in the Department of Environment and Heritage Water Quality Sampling Manual, 3rd Edition, December 1999, or more recent editions or supplements to that document as such become available.

(H7) All determinations of the quality of contaminants released must be performed by a person or body possessing appropriate experience and qualifications to perform the required measurements.

Incident Recording

(H8) A record must be maintained of at least the following events:

(a) the time, date and duration of equipment malfunctions where the failure of the equipment resulted in the release of contaminants reasonably likely to cause environmental harm;
(b) any uncontrolled release of contaminants reasonably likely to cause environmental harm and
(c) any emergency involving the release of contaminants reasonably likely to cause material or serious environmental harm requiring the use of fire fighting equipment.

Monitoring Reporting

(H9) The holder of this environmental authority must ensure, for the first two years of the environmental authority, that the results of any monitoring performed in accordance with this environmental authority for the period covered by the return are submitted with the Annual Return. In addition, for the first year of the environmental authority, results are to be submitted as they are received.

Monitoring of Contaminant Releases to Land

(H10) The holder of this environmental authority is responsible for the making of determinations and keeping of records of the quality of the contaminants released to land, quality characteristics, and at the frequency specified in Schedule H Table 1. Included in the sampling identified in Table 1 must be samples collected at peak residency times.

Schedule H - Table 1

Quality Characteristic	Units	Frequency
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

Sampling and Monitoring Point Details

(H11) Determinations of the quality of contaminants released to land must be undertaken on sample collected from the sampling and in-situ monitoring points described as the outlet of the sewage treatment plant prior to discharge to land and the outlet of the grey water holding tank prior to discharge to land.

Inspection of Effluent Disposal Trenches and Areas

(H12) The ground surface near all effluent disposal trenches and areas must be inspected at least once every three months 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.

(H13) If effluent seepage is detected, the licensee must take all reasonable and practicable measures to prevent further seepage of effluent.

Inspection and Maintenance of Septic Tanks

(H14) 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

(H15) 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.

END OF CONDITIONS FOR SCHEDULE H

Schedule I - Definitions

Words and phrases used throughout this licence.

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

For the purposes of this environmental authority the following definitions apply:

(I1) "***Act***" means the Environmental Protection Act 1994.

(I2) "***administering authority***" means the Environmental Protection Agency or its successor.

(I3) "***land***" in any Land Application Schedule, means land excluding waters and the atmosphere.

(I4) "***mg/L***" means milligrams per litre.

(15) "***cfu***" means colony forming units.

(I6) "***maximum***" means that the measured value of the quality characteristic or contaminant must not be greater than the release limit stated.

(I7) "***minimum***" means that the measured value of the quality characteristic or contaminant must not be less than the release limit stated.

(I8) "***range***" means that the measured value of the quality characteristic or contaminant must not be greater than the higher release limit stated nor less than the lower release limit stated.

(I9) "***median***" means the middle value, where half the data are smaller, and half the data are larger. If the number of samples is even, the median is the arithmetic average of the two middle values.

(I10) "***total Nitrogen***" means the sum of Organic Nitrogen, Ammonia, Nitrite plus Nitrate, as mg/L of Nitrogen.

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(I11) "***total Phosphorus***" means the sum of the reactive phosphorus, acid-hydrolysable phosphorus and organic phosphorus, as mg/L of Phosphorus. This includes both the inorganic and organic fraction of phosphorus.

(I12) "***regulated waste***" means non-domestic waste mentioned in Schedule 7 of the Environmental Protection Regulation 1998 and includes-

(a) for an element - any chemical containing the element; and
(b) anything that has contained a regulated waste; and
(c) regulated waste that has been treated or immobilised.

(I13) "***noxious***" means harmful or injurious to health or physical well-being.

(I14) "***offensive***" means causing unreasonable offense; is unreasonably disagreeable to the sense; is disgusting, nauseous or repulsive.

(I15) "***STP***" means Sewage Treatment Plant.

END OF CONDITIONS FOR SCHEDULE I

Schedule J - Site plans

Site plans are not required

END OF CONDITIONS FOR SCHEDULE J

END OF ENVIRONMENTAL AUTHORITY

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Registration certificate

Environmental Protection Act 1994

Certificate of Registration

No: ENRE00117304

This registration certificate is issued by the administering authority and takes effect from: 07-MAR-2011.

The anniversary day for the purposes of the Annual Return remains: 14 September.

This registration certificate is a requirement of section 73F of the *Environmental Protection Act 1994* and authorises the registered operator to undertake the activity listed below at the following place; subject to the conditions set out in a development approval attached to the premises, or the relevant code of environmental compliance.

Registered Operator:-
Mr Ramon Mitchell Fish
Trading as Boonooroo Tuan Caravan Park
18 Oak Street
BOONOOROO QLD 4650

Development Approval No.	Place	Location	Activity
ENDC00123204 (CM0279)	Lot 4 Plan RP221470, Lot 5 Plan RP221470	18 Oak Street, BOONOOROO QLD 4650	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 (i) if treated effluent is discharged to an infiltration trench or through an irrigation scheme

e.e. Birt

Cathy Birt
Delegate
Administering authority
Environmental Protection Act 1994

07-MAR-2011