ENVIRONMENTAL PROTECTION ACT 1994

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

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Licence No. NM0349 (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:

Robert John Wilson
Trading as Whitsunday Tourist Park
Bruce Highway
BLOOMSBURY QLD 4799

in respect of carrying out the following environmentally relevant activity (ERA):

15(h) Sewage treatment

Operating a special sewage treatment works having a peak design capacity to treat sewage of 21 or more equivalent persons

at the following place(s):

Lot 1, Plan RP 736939

located at Bruce Highway Bloomsbury.

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

The anniversary date of this licence is 26 November.

This transferred licence takes effect from 9 February 2004.

Ricci Churchill
A/District Manager
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 environmental authority consists of the following schedules of conditions relevant to various issues:

- Schedule A - Activity
- Schedule B - Air
- Schedule C - Water
- Schedule D - Noise
- Schedule E - Waste
- Schedule F - Land
- Schedule G - Community
- Schedule H - Definitions

Schedule A - Activity

Scope

(A1) This environmental authority only permits the operation of a sewage treatment plant designed to treat waste produced by the Whitsunday Tourist Park.

Prevent and / or Minimise Likelihood Of Environmental Harm

(A2) Notwithstanding any other requirements of this environmental authority, 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

(A3) From commencement of the activity, implement the 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

(A4) 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

(A5) 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;

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- the time the holder of the environmental authority 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

(A6) 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.

END OF CONDITIONS FOR SCHEDULE A

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.

END OF CONDITIONS FOR SCHEDULE B

Schedule C - Water

Release to Waters

(C1) No release to waters is permitted by this environmental authority.

(C2) The design of the sewage treatment plant must incorporate wet weather storage sufficient to comply with condition C1.

Stormwater Management

(C3) Prevent the release of stormwater runoff that has been in contact with any contaminants at the site to any waters, until contaminants have been removed.

(C4) Spillage of all chemicals and fuels must be captured within an on-site containment system.

END OF CONDITIONS FOR SCHEDULE C

Schedule D - Noise

(D1) Prevent the emission of noise, which causes or is likely to cause a nuisance at any noise affected premises. Nuisance includes noise that is or is likely to be annoying, intrusive or offensive to a person or a nuisance in the opinion of an authorised person.

(D2) Noise is NOT considered to be a nuisance under condition D1 if monitoring shows that noise does NOT exceed the following levels in the time periods specified in Schedule D Tables 1 and 2.

Schedule D - TABLE 1 - NOISE LIMITS (Noise Sensitive Place)

Noise Level dB(A) measured as	Noise measured at a "Noise Sensitive Place"					
	Monday to Saturday			Sundays and public holidays		
	7am - 6pm	6pm -10pm	10pm - 7am	9am - 6pm	6pm -10pm	10pm - 9am
$L_{A\ 10,\ adj,\ 10mins}$	50	45	35	50	45	35
$L_{A\ 1,\ adj,\ 10mins}$	55	50	40	55	50	40

Schedule D - TABLE 2 - NOISE LIMITS (Commercial Place)

Noise Level dB(A) measured as	Noise measured at a "Commercial Place"					
	Monday to Saturday			Sundays and public holidays		
	7am - 6pm	6pm -10pm	10pm - 7am	9am - 6pm	6pm -10pm	10pm - 9am
$L_{A\ 10,\ adj,\ 10mins}$	50	45	35	50	45	35
$L_{A1,\ adj,\ 10mins}$	55	50	40	55	50	40

(D3) 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.

(D4) 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.

END OF CONDITIONS FOR SCHEDULE D

Schedule E - Waste

No conditions are prescribed in this schedule

END OF CONDITIONS FOR SCHEDULE E

Schedule F - Land

(F1) The only contaminants permitted to be released to the areas shown on drawing 1496/1 produced by Thomson Machray Pty Ltd titled 'Caravan Park' are treated effluents in compliance with the levels stated in that Table.

SCHEDULE F - TABLE 1

Quality Characteristics	Release Limit Maximum
5-day Biological Oxygen Demand (mg/l)	20 mg/l
Suspended solids (mg/l)	30 mg/l
Faecal Coliforms (Organisms/100ml)	1000 colonies per 100 ml

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

(F3) The irrigation 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 irrigation area; and
- the infiltration of effluent beyond the plant root zone is minimised

(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
Outlet from treated effluent storage tank.	5-day Biological Oxygen Demand	mg/l	Six monthly
Outlet from treated effluent storage tank.	Suspended solids	mg/l	Six monthly
Outlet from treated effluent storage tank.	Thermotolerant Coliforms	Organisms/100ml	Six monthly

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

END OF CONDITIONS FOR SCHEDULE F

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 licensed place specifically, or the industrial estate where the licensed place is located.

END OF CONDITIONS FOR SCHEDULE G

Schedule H - Definitions

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

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

(H2) **"licensed place"** means the place to which this environmental authority relates.

(H3) **"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.

(H4) **"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.

(H5) **"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.

(H6) **"noxious"** means harmful or injurious to health or physical well being.

(H7) **"offensive"** means causing offence or displeasure; is disagreeable to the sense; disgusting, nauseous or repulsive.

Noise Definitions

(H8) **"$L_{A\ 10,\ adj,\ 10\ mins}$"** 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.

(H9) **"$L_{A\ 1,\ adj,\ 10\ mins}$"** 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

(H10) **"noise affected premises"** means a "noise sensitive place" or a "commercial place"

(H11) **"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.

(H12) **"commercial place"** means a place used as an office or for business or commercial purposes.

(H13) **"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.

END OF CONDITIONS FOR SCHEDULE H

END OF ENVIRONMENTAL AUTHORITY