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

Licence No. CM0497 (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:

Gerald Vincent Harvey
Country Stopover Caravan Park
22623 Bruce Highway
MARYBOROUGH 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 1 RP171078.

located at:

22623 Bruce Highway, Maryborough Qld 4650.

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

The anniversary date of this licence is 16 December

This transferred licence takes effect from 18 November 2004.

Signed — Date: 18 November 2004

Mark Evans
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 this 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 authority incorporates the following schedules of conditions relevant to various issues:

- Schedule A - Activity
- Schedule B - Air
- Schedule C - Water
- Schedule D - Noise and vibration
- Schedule E - Waste
- Schedule F - Land
- Schedule G - Community
- Schedule H - Definitions
- Schedule I - Maps / Plans

Schedule A - Activity

Prevent and /or minimise likelihood of environmental harm

(A1-1) In carrying out the environmentally relevant activities, you must take all reasonable and practicable measures to prevent and / or to minimise the likelihood of environmental harm being caused. Any environmentally relevant activity, that, if carried out incompetently, or negligently, may cause environmental harm, in a manner that could have been prevented, shall be carried out in a proper manner in accordance with the conditions of this authority.

NOTE: This authority authorises the environmentally relevant activity. It does not authorise environmental harm unless a condition contained within this authority explicitly authorises that harm. Where there is no condition or the authority is silent on a matter, the lack of a condition or silence shall not be construed as authorising harm.

Maintenance of measures, plant and equipment

(A2-1) The holder must:

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

Site based management plan

(A3-1) From commencement of the activity, 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 Environmentally Relevant Activities that are carried out.

The site based management plan must address the following matters:

(a) Environmental commitments - a commitment by senior management to achieve 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 the contaminant releases.
(h) Conducting environmental impact assessments.
(i) Staff training.
(j) Record keeping.
(k) Periodic review of environmental performance and continual improvement.

Records

(A4-1) 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

Nuisance

(B1-1) 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 odour sensitive place.

Dust nuisance

(B2-1) The release of dust and/or particulate matter resulting from the activity must not cause an environmental nuisance at any dust sensitive place.

END OF CONDITIONS FOR SCHEDULE B

Schedule C - Water

Release to waters

(C1-1) Contaminants must not be released from the site to any waters or the bed and banks of any waters.

Stormwater management

(C2-1) 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.

END OF CONDITIONS FOR SCHEDULE C

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Schedule D - Noise and vibration

Noise nuisance

(D1-1) Noise from activities must not cause an environmental nuisance at any noise sensitive place or any commercial place.

(D1-2) In the event of a complaint about noise that constitutes annoyance being made to the administering authority, that the administering authority considers is not frivolous or vexatious, then the emission of noise from the site must not result in levels greater than those specified in Schedule D – Table 1.

Schedule D - Table 1

Time period	Noise level at a 'Noise sensitive place' measured as the Adjusted Maximum Sound Pressure Level $L_{A, max\ adj\ T}$ Note 1
7am - 6pm	Background noise level plus 5 dB(A)
6pm - 10pm	Background noise level plus 5 dB(A)
10pm - 7am	Background noise level plus 3 dB(A)
Time period	**Noise level at a 'Commercial place' measured as the Adjusted Maximum Sound Pressure Level $L_{A, max\ adj\ T}$**
7am - 6pm	Background noise level plus 10 dB(A)
6pm - 10pm	Background noise level plus 10 dB(A)
10pm - 7am	Background noise level plus 8 dB(A)

Note 1: $L_{A\ 10,\ adj,\ 15\ mins}$ levels may be substituted for $L_{Amax,\ adj,\ 15\ mins}$ levels if evidence is provided that $L_{A\ 10,\ adj,\ 15\ mins}$ levels are representative of component noise levels from source(s)/premises under investigation.

Noise monitoring

(D2-1) 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:

(a) background noise;
(b) $L_{A, max\ adj, T}$ or where established as being appropriate $L_{A10,\ adj\ 15mins}$;
(c) the level and frequency of occurrence of impulsive or tonal noise;
(d) atmospheric conditions including wind speed and direction;
(e) effects due to extraneous factors such as traffic noise; and
(f) location, date and time of recording.

(D2-2) The method of measurement and reporting of noise levels must comply with the latest edition of the Environmental Protection Agency's Noise Measurement Manual.

END OF CONDITIONS FOR SCHEDULE D

Schedule E - Waste

Waste handling

(E1-1) All regulated waste 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.

END OF CONDITIONS FOR SCHEDULE E

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Schedule F - Land

Land disposal

(F1-1) The only contaminants permitted to be released to land are treated sewage effluents to the areas shown in the attached map in Schedule I, in compliance with the limit levels stated in Schedule F - Table 1 and the conditions of this authority.

Schedule F - Table 1 (Release limits - 'Land')

	Release Limit			
Quality characteristics	Minimum	80th Percentile	Maximum	Median
BOD (mg/L)	N/A*	15	20	N/A*
Suspended Solids (mg/L)	N/A*	25	30	N/A*
pH (pH units)	6.5	N/A*	8.5	N/A*
Residual Chlorine (mg/L)	0.3	N/A*	0.7	N/A*
Faecal Coliforms (faecal coliform organisms per 100 mL)	N/A*	600	N/A*	150

**N/A means not applicable*

(F1-2) The irrigation of effluent must be carried out in a manner such that:

(a) vegetation is not damaged;
(b) soil erosion and soil structure damage is avoided;
(c) there is no surface ponding of effluent;
(d) percolation of effluent beyond the plant root zone is minimised;
(e) the capacity of the land to assimilate nitrogen, phosphorus, salts, organic matter as measured by oxygen demand and water is not exceeded; and
(f) the quality of ground water is not adversely affected.

(F1-3) Notices must be prominently displayed on any effluent irrigation area warning the public that the area is irrigated with effluent and not to use or drink the effluent. These notices must be maintained in a visible and legible condition.

(F1-4) Public access to the irrigation area must be denied during the release of treated effluent and if drops or pools of treated effluent are evident on the soil surface or vegetation.

(F1-5) The only method of application to land shall be by surface or sub-surface trickle irrigation.

(F1-6) 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.

(F1-7) The holder of this environmental authority must take all reasonable and practicable measures to provide for the uniform distribution of contaminants over the disposal area described by condition (F1-1) through a surface trickle or sub-surface irrigation system. Reasonable and practicable measures would include, but not be limited to:

(a) using adequate sized irrigation supply mains to ensure adequate flow and pressure to all distribution lines;
(b) spacing the distribution pipes to ensure that the treated effluent is distributed uniformly over the contaminant release area; and
(c) maintenance and monitoring procedures to ensure that the system continues to operate effectively.

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(F1-8) Monitoring must be undertaken and records kept of a monitoring program of contaminant releases to the irrigation area at the monitoring points, frequency, and for the parameters specified in Schedule F - Table 2.

Schedule F - Table 2 (Monitoring program)

Monitoring point	Quality characteristics	Units	Frequency
M1	BOD	mg/L	Quarterly
M1	Suspended Solids	mg/L	Quarterly
M1	pH	pH units	Quarterly
M1	Nitrogen	mg/L	6 Monthly
M1	Phosphorus	mg/L	6 Monthly
M1	Residual Chlorine	mg/L	Daily
M1	Faecal Coliforms	faecal coliform organisms per 100 mL	Quarterly

M1 – Monitoring samples shall be taken from the outlet of the disinfection tank at the sewage treatment plant

(F1-9) Notwithstanding the quality characteristic limits specified in Table 1 of the Land Application Schedule the contaminants released must also comply with the following qualitative characteristics:

(a) The release must not have any properties nor contain any organisms or contaminants in concentrations that are capable of causing environmental harm.

(F1-10) The daily volume of contaminants released to land must be determined or estimated by an appropriate method, for example a flow meter, and records kept of such determinations and estimates.

(F1-11) When conditions prevent the irrigation of treated effluent to land (such as during or following rain events), the contaminants must be directed to a wet weather storage or alternative measures must be taken to store/lawfully dispose of effluent (such as wet weather storage or tanking off site to another treatment plant or sewer). A record must be kept of any removal or discharge off site, including destination, transporter, dates and volumes.

END OF CONDITIONS FOR SCHEDULE F

Schedule G - Community

Complaint response

(G1-1) 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.

END OF CONDITIONS FOR SCHEDULE G

Schedule H - Definitions

Words and phrases used throughout this licence or development approval are defined below:
Where a definition for a term used in this authority is sought and the term is not defined within this authority the definitions provided in the *Environmental Protection Act 1994*, its regulations, and Environmental Protection Policies shall be used.

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Word Definitions

"administering authority" means the Environmental Protection Agency or its successor.

"you" means the holder of this Environmental Authority or owner / occupier of the land which is the subject of this Development Approval.

"site" means the place to which this environmental authority relates or the premises to which this development approval relates.

"authorised place" means the place authorised under this environmental authority/development approval for the carrying out of the specified environmentally relevant activities.

"this authority" means this environmental authority/development approval.

"authority" means level 1 licence (without development approval), or level 1 approval (without development approval), or level 2 approval (without development approval) under the *Environmental Protection Act 1994*.

"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.

"odour sensitive place" has the same meaning as a "dust sensitive place"

"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.

"noxious" means harmful or injurious to health or physical well being.

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

"background noise level" means either:

$L_{A90,\,T}$ being the A-weighted sound pressure level exceeded for 90 percent of the time period not less than 15 minutes, using Fast response, or

$L_{abg,\,T}$ being the A-weighted sound pressure level obtained using Fast response and arithmetically averaging the lowest levels of the ambient sound pressure level during a representative time period of not less than 15 minutes.

"$L_{A\ 10,\ adj,\ 10\ mins}$" 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.

"$L_{A,\ max\ adj,\ T}$" means the average maximum A-weighted sound pressure level, adjusted for noise character and measured over any 10 minute period, using Fast response.

"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

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- a protected area; or
- a park or gardens.

and includes the curtilage of such place.

"commercial place" means a place used as an office or for business or commercial purposes.

"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.

"80th percentile" means not more than one (1) of the measured values of the quality characteristic is to exceed the stated release limit for any five (5) consecutive samples for a sampling point at any time during the environmental activity(ies) works

"land" in the "land schedule"of this document means land excluding waters and the atmosphere.

"mg/L" means milligrams per litre.

"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:

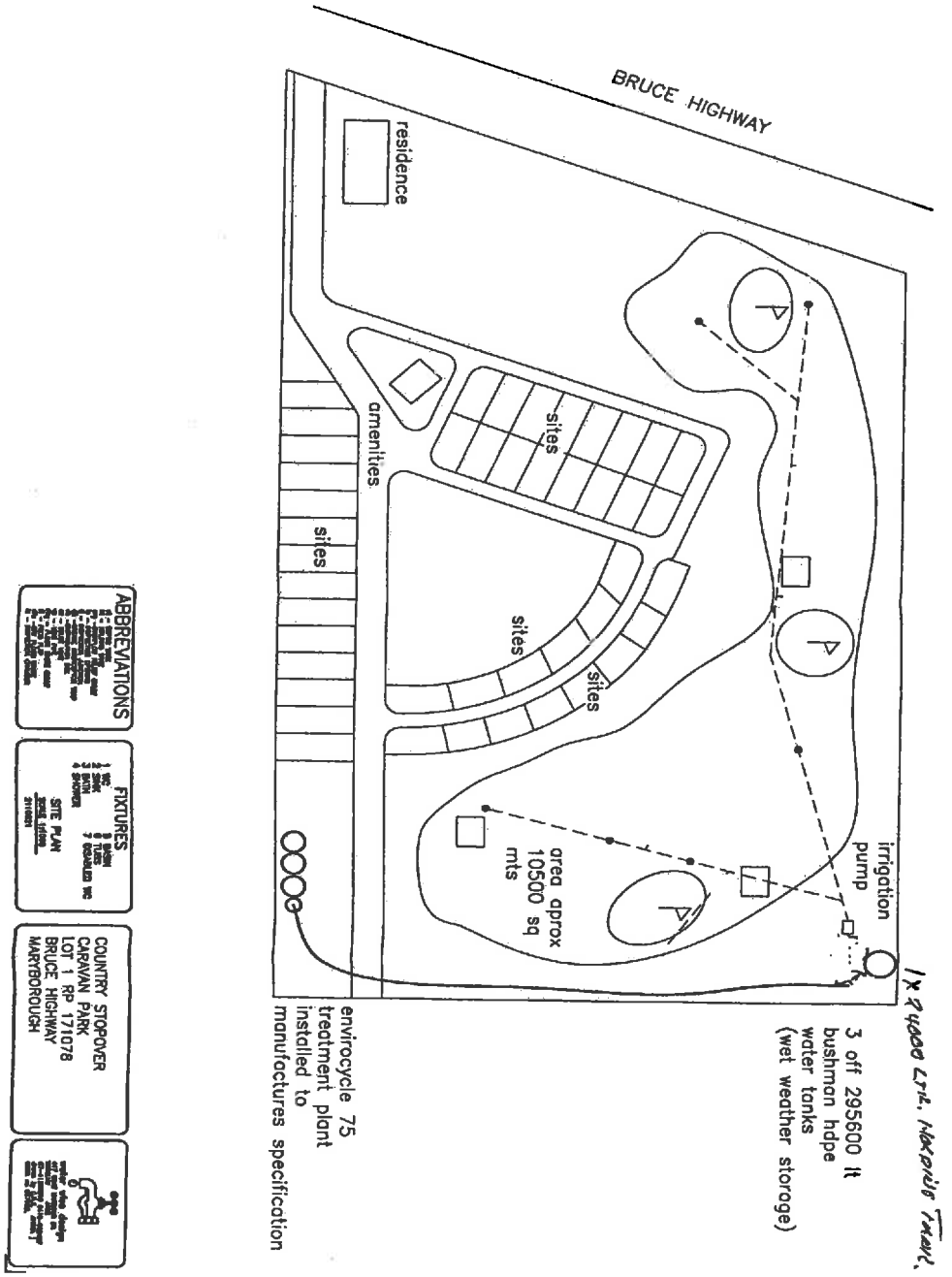
- for an element - any chemical compound containing the element; and
- anything that has contained the waste.

END OF DEFINITIONS FOR SCHEDULE H

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Schedule I - Maps / Plans

A site plan with the lot and plan description is attached.



END OF CONDITIONS FOR SCHEDULE I

END OF ENVIRONMENTAL AUTHORITY

Registration certificate

Environmental Protection Act 1994

Registration certificate

No: ENRE00937709

This registration certificate is issued by the administering authority and takes effect from: 31-MAR-2011.

The anniversary day for the purposes of the Annual Return remains: 16 December.

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 Gerald Harvey
Trading as Country Stopover Caravan Park
22623 Bruce Highway
MARYBOROUGH QLD 4650

Development Approval No.	Place	Location	Activity
CM0497	Lot 5 Plan SP151770 Lot 6 Plan SP151770	22623 Bruce Highway, MARYBOROUGH 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

C. C. Birt

Cathy Birt
Delegate
Department of Environment and Resource Management
Environmental Protection Act 1994

31-MAR-2011

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

Queensland Government