Registration certificate

*Environmental Protection Act 1994*

# Registration certificate

## No: ENRE00697807

This registration certificate is issued by the administering authority and takes effect from: 12-JUL-2011.

The anniversary day for the purposes of the Annual Return remains: 24 April.

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:-**
Eaglebrook Body Corporate
Trading as CTS 32588
3-13 Cook Road
EAGLE HEIGHTS QLD 4271

**Development Approval Number:** IPDE00617407

**Place:-**
Lot 2 Plan RP231543, Lot 54 Plan RP131356
**Located at:-**
Eagle Heights Road and,EAGLE HEIGHTS QLD 4271
**Registered Activity: -**
**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

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Sch4p4(6) Signature

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

12-JUL-2011



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

Queensland Government

# Decision Notice - Approval

## Section 3.5.15 *Integrated Planning Act 1997*

| | |
|---|---|
| **Applicant:** | Actherd Pty Ltd |
| **EPA Development Application number:** | SR0161DA |
| **Date application received by EPA:** | 15 May 2001 |
| **Date of decision:** | 17 April 2002 |
| **Relevant Laws and Policies:** | *Environmental Protection Act 1994* and subordinate legislation |
| **Jurisdiction:** | Part 1 item 1 of Schedule 1a of the Integrated Planning Regulation 1998 <and/or> Part 2 item 1 of Schedule 1a of the Integrated Planning Regulation 1998 |

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## Development Description:

**Carrying out of Environmentally Relevant Activity (ERA):**

**15(b) Sewage treatment** - Operating a standard sewage treatment works having a peak design capacity to treat sewage of 100 or more equivalent persons but less than 1 500 equivalent persons

**at the following place(s):**

Lot 54, RP131356, Lot 2, RP231543, Parish of Tamborine, County of Ward

**located at:**

Cnr of Eagle Heights and MacDonnell Roads
EAGLE HEIGHTS QLD 4271

## Type of development

Material change of use of premises - the start of a new use of the premises.

## Decision on Development Application

In deciding the application, the Environmental Protection Agency, as assessment manager

approves all of the application subject to conditions decided by the assessment manager and includes in the approval any concurrence agency conditions as a development permit

## Further development permits required

Nil

## Referral agencies

| | |
|---|---|
| Concurrence Agencies: | Nil |
| Advice Agencies: | Nil |
| Referral Agencies: | Nil |

## Additional information for applicants

This approval pursuant to the *Environmental Protection Act 1994* does not remove the need to obtain any further approval for this development which might be required by other State and/or Commonwealth legislation. Applicants are advised to check with all relevant statutory authorities. Applicants also should comply with all relevant legislation.

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

## Appeal

When issuing a decision notice under the *Integrated Planning Act 1997*, the assessment manager must state the rights of appeal for the applicant (section 3.5.15(2)(j)). The rights of appeal are attached to the back of this notice.

Sch4p4(6) Signature

Signed

17 April 2002

Date

**Michael Ronan**
**Acting Manager (Licensing)**
Delegate of Administering Authority
*Environmental Protection Act 1994*

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# Conditions of the development approval

This development approval consists of the following schedules of conditions relevant to various issues:

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

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

- 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 I - Maps / Plans

## Schedule A – Activity

**Prevent and / or minimise likelihood of environmental harm**

(A1) 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 be prevented, shall be carried out in a proper manner in accordance with the conditions of this approval.

NOTE: This approval authorises the environmentally relevant activity. It does not authorise environmental harm unless a condition contained within this approval explicitly authorises that harm. Where there is no condition or the approval 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) The holder must:

- install all measures, plant and equipment necessary to ensure compliance with the conditions of this environmental authority; and
- maintain such measures, plant and equipment in a proper and efficient condition; and
- operate such measures, plant and equipment in a proper and efficient manner.

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**Site based management plan**

(A3) 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.

**Records**

(A4) 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.

(A5) Records must be kept for five years, and must include the following information:

- date of pickup of waste;
- description of waste;
- cross reference to relevant waste transport documentation;
- quantity of waste;
- origin of the waste;
- destination of the waste; and
- intended fate of the waste, for example, type of waste treatment, reprocessing or disposal.

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.

**Annual Monitoring Report (Sewage Treatment)**

(A6) An annual monitoring report must be provided to the administering authority with the annual return. This report shall include but not be limited to:

- a summary of the previous twelve (12) months' monitoring results obtained under any monitoring programs required under this Development Approval and, in graphical form showing relevant limits, a comparison of the previous twelve (12) month's monitoring results to both this authority limits and to relevant prior results;
- an evaluation/explanation of the data from any monitoring programs; and
- a summary of any record of quantities of releases required to be kept under this Development Approval;and
- a summary of the record of equipment failures or events recorded to which this Development Approval relates, and
- an outline of actions taken or proposed to minimise the environmental risk from any deficiency identified by the monitoring or recording programs.

**Notification**

(A7) Notify the administering authority as soon as practicable when the release of contaminants is not on accordance with the conditions of this document or any event where e environmental harm may be threatened.

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(A8) Written advice must be provided within fourteen (14) days following any event as identified in condition number (A7) of the following information:

- the location of the event;
- the time of the event;
- the time you became aware of the event;
- the suspected causes of the event;
- a description of the resulting effects of the event;
- the full analysis results of monitoring that showed exceedance;
- actions taken to mitigate any environmental harm or environmental nuisance caused by the even; and proposed action to prevent a recurrence of the event; and
- results of any subsequent analysis to verify the success of any remedial actions.

**END OF CONDITIONS FOR SCHEDULE A**

## Schedule B - Air

### Nuisance

(B1) The release of noxious or offensive odours or any other noxious or offensive airborne contaminants resulting from the activity must not cause a nuisance beyond the boundaries of the licensed place/premises to which this development approval relates.

### Dust nuisance

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

(B3) Excedence of any of the following levels when measured at any dust sensitive place is an environmental nuisance for the purposes of condition B2 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 a 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.

(B4) When requested by the Administering Authority, dust and particulate monitoring must be undertaken to investigate any complaint of environmental nuisance caused by dust and/or particulate matter, and the results notified within 14 days to the administering authority following completion of monitoring. Monitoring must include:

- for a complaint alleging dust nuisance, dust deposition; and
- for a complaint alleging adverse health effects caused by dust, the concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (□m) (PM10) suspended in the atmosphere of 150 micrograms per cubic metre over a 24 hour averaging time.
- must be carried out a place(s) relevant to the potentially affected dust sensitive places and upwind control sites.

**END OF CONDITIONS FOR SCHEDULE B**

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## Schedule C – Water

**Stormwater Management**

(C1) 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**

## Schedule D – Noise

**Noise nuisance**

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

(D2) All noise from activities must not exceed the levels specified in Schedule D - Table 1 at any noise sensitive place.

**Schedule D - Table 1**
**(Noise limits - '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 |
| $L_{A10, adj, 10 mins}$ | 55 | 50 | 40 | 55 | 50 | 40 |
| $L_{A1, adj, 10 mins}$ | 60 | 55 | 45 | 60 | 55 | 45 |

**Noise limits - 'Commercial place')**

| Noise level dB(A) measured as | Noise measured at a 'Commercial place' | | | | | |
|---|---|---|---|---|---|---|
| | Monday to Friday | | | Sundays and public holidays | | |
| | 7am - 6pm | 6pm - 10pm | 10pm - 7am | 9am - 6pm | 6pm - 10pm | 10pm - 9am |
| $L_{A10, adj, 10 mins}$ | 65 | 60 | 45 | 60 | 55 | 45 |
| $L_{A1, adj, 10 mins}$ | 65 | 60 | 50 | 65 | 60 | 50 |

(D3) Condition D2 applies if:

- there are complaints to the administering authority about the level of noise from any source in carrying out the environmentally relevant activities at authorised place ; and
- the complaints are not frivolous or vexatious or based on mistaken belief.

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### Noise Monitoring

(D4) 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:

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

(D5) 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

(E1) Where regulated waste is removed from the 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:

- the date, quantity and type of waste removed; and
- name of the waste transporter and/or disposal operator that removed the waste; and
- he intended treatment/disposal destination of the waste.

(E2) Except as otherwise provided by the conditions of this development approval, disposal of any wastes generated in carrying out the environmentally relevant activity must be to a proper and appropriate facility that accepts that waste.

**END OF CONDITIONS FOR SCHEDULE E**

## Schedule F – Land

### Land disposal

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

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

| | Release Limit | | | | |
|---|---|---|---|---|---|
| **Quality Characteristics** | Minimum | 50th Percentile | 80th Percentile | Maximum | Median |
| Suspended Solids (mg/L) | - | - | - | 15.0 | - |
| Total Nitrogen (mg/L) | - | - | - | 10.0 | - |
| Total Phosphorus (mg/L) | - | - | - | 7.0 | - |
| BOD5 (mg/L) | - | - | - | 10.0 | - |
| Dissolved Oxygen (mg/L) | 2.0 | - | - | - | - |
| pH | 6.5 | - | - | 9.0 | - |

(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 effluent must be carried out in a manner such that:

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

(F4) Soils moisture meters must be placed in all the land areas shown in Figure 1 Schedule I.

(F5) Notices must be prominently displayed on all land areas shown in Figure 1 Schedule I 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.

(F6) 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 irrigation areas.

(F7) Conduct and keep records of any monitoring programs of contaminant releases from the treatment plant at the monitoring points, frequency, and for the parameters specified in Schedule F - Table 2.

(F8) Monitoring must be undertaken and records kept of a monitoring program of contaminant releases to the irrigation areas at the monitoring points, frequency, and for the parameters specified in Schedule F - Table 2.

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**Schedule F - Table 2 (Monitoring program)**

| Monitoring point | Quality characteristics | Units | Frequency |
|---|---|---|---|
| At the outlets of both Sewage Treatment Plants | Suspended Solids | mg/L | Quarterly |
| At the outlets of both Sewage Treatment Plants | Total Nitrogen | mg/L | Quarterly |
| At the outlets of both Sewage Treatment Plants | Total Phosphorus | mg/L | Quarterly |
| At the outlets of both Sewage Treatment Plants | pH | pH Scale | Quarterly |
| At the outlets of both Sewage Treatment Plants | BOD5 | mg/L | Quarterly |
| At the outlets of both Sewage Treatment Plants | Sodium Adsorption Ratio | | Annually |
| At the outlets of both Sewage Treatment Plants | Electrical Conductivity | µS/cm | Annually |

(F9) Process Control monitoring must be undertaken by a licensed service person in accordance with Schedule F Table 3.

**Schedule F – Table 3 ( Process Control Monitoring)**

| Action | Description of Action | Frequency |
|---|---|---|
| 1 | Inspect and report on condition of control panel and all additional electrics including audible and visual alarms | Monthly |
| 2 | Inspect and report on the effluent disposal area including landscaping, moisture probes solenoid valves | Monthly |
| 3 | Inspect and report on the condition of the recirculating sand filter | Monthly |
| 4 | Measure and record the following<br>(a) Dissolved oxygen level in aeration tank<br>(b) Sludge settleability (SVI) in aeration tank<br>(c) pH, temperature and clarity in final effluent prior to pumping to the sub surface disposal area | Monthly |
| 5 | Examine and record the condition of the wet weather storage tanks including the residual chlorine of any effluent reaming in the tank | Monthly |

(F10) The daily volume of contaminants released to land from each sewage treatment plant must be determined or estimated by an appropriate method, for example a flow meter, and records kept of such determinations and estimates

**Wet Weather Storage**

(F11) The wet weather storage must be designed to hold a volume equivalent to at least 173 kL at full development.

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(F12) In the event that any of the land areas become waterlogged as a result of the subsurface disposal, irrigation of effluent must cease and the effluent must be tankered away and disposed to a facility that can lawfully accept such waste in accordance with an agreement with the relevant local authority.

(F13) The wet weather storage effluent must maintain a minimum of 1 mg/L of residual chlorine at all times.

**Land Remediation**

(F14) All land areas shown in Figure 1 Schedule I having soil permeability characteristics of less than 0.5m/day must be remediated to increase soil permeability to 0.5m/day or greater. This remediation work must be completed prior to the commencement of the activity.

**Effluent Irrigation Management Plan**

(F15) Prior to commissioning of the effluent treatment system, the holder of this Development Approval must develop and implement an Effluent Irrigation Management Plan which details how the holder of this Development Approval will effectively and appropriately manage the effluent irrigation process so as to sustainably comply with all conditions of this Development Approval.

(F16) The Effluent Irrigation Management Plan must detail how the irrigation is to be managed and scheduled having referred to at least the following

- soil moisture results;
- weather forecasts and climate monitoring results;
- Irrigation records for each effluent disposal area;
- crop history for each disposal are;
- sustainable hydraulic loadings for the contaminated release area,
- sustainable biological oxygen demand loadings for the contaminant release area;
- sustainable nitrogen loadings for the contaminant release area;
- sustainable phosphorous loadings for the contaminant release area;
- sustainable salt loadings for the contaminant release area; and
- production of appropriate records and reporting of results and environmental issues.

(F17) A copy of the Effluent Irrigation Management Plan must be kept at the licensed place.

(F18) The holder of this Development Approval must submit details of any amendment to the Effluent Irrigation Management Plan to the administering authority with the annual return, which immediately follows the enactment of any such amendment.

**END OF CONDITIONS FOR SCHEDULE F**

## Schedule G – Community

**Complaint response**

(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.

**END OF CONDITIONS FOR SCHEDULE G**

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## 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 approval is sought and the term is not defined within this approval the definitions provided in the *Environmental Protection Act 1994*, its regulations, and Environmental Protection Policies shall be used.

**Word Definitions**

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

**"you"** means the holder of this Environmental Authority and / or 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*

**"approval"** means 'notice of development application decision' or 'notice of concurrence agency response' under the *Integrated Planning Act 1997*

**"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.

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**"nuisance sensitive place"** includes -

a dwelling, residential allotment, 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 under the Nature Conservation Act 1992, the Marine Parks Act 1992 or a World Heritage Area; or
a public thoroughfare, park or gardens; or
a place used as a workplace, an office or for business or commercial purposes.

and includes a place within the curtilage of such a place reasonably used by persons at that place.

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

"$L_{A\ 1,\ adj,\ 10\ mins}$" 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

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

**"noise affected premises"** means a "noise sensitive place" or a "commercial place"

**"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.
and includes the curtilage of such place.

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

**"cfu"** – means colony forming unit.

**"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.*

**"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.

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**"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

**50$^{th}$ percentile** means not more than three (3) of the measured values of the quality characteristic are to exceed the stated release limit for any six (6) consecutive samples for a release/monitoring point at any time during the environmental activity(ies) works.

**80$^{th}$ 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

**"dredge spoil"** means material taken from the bed or banks of waters by using dredging equipment or other equipment designed for use in extraction of earthen material

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

**"mg/L"** means milligrams per litre.

**"NTU"** means nephelometric turbidity units

**"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.

**"licensed vehicle"** means a vehicle authorised to be used under the licence to transport regulated waste.

**"registered vehicle"** means "licensed vehicle"

**"clinical waste"** means waste that has the potential to cause disease including, for example, the following:

animal waste;
discarded sharps;
human tissue waste;
laboratory waste

**"infectious waste"** means "clinical waste"

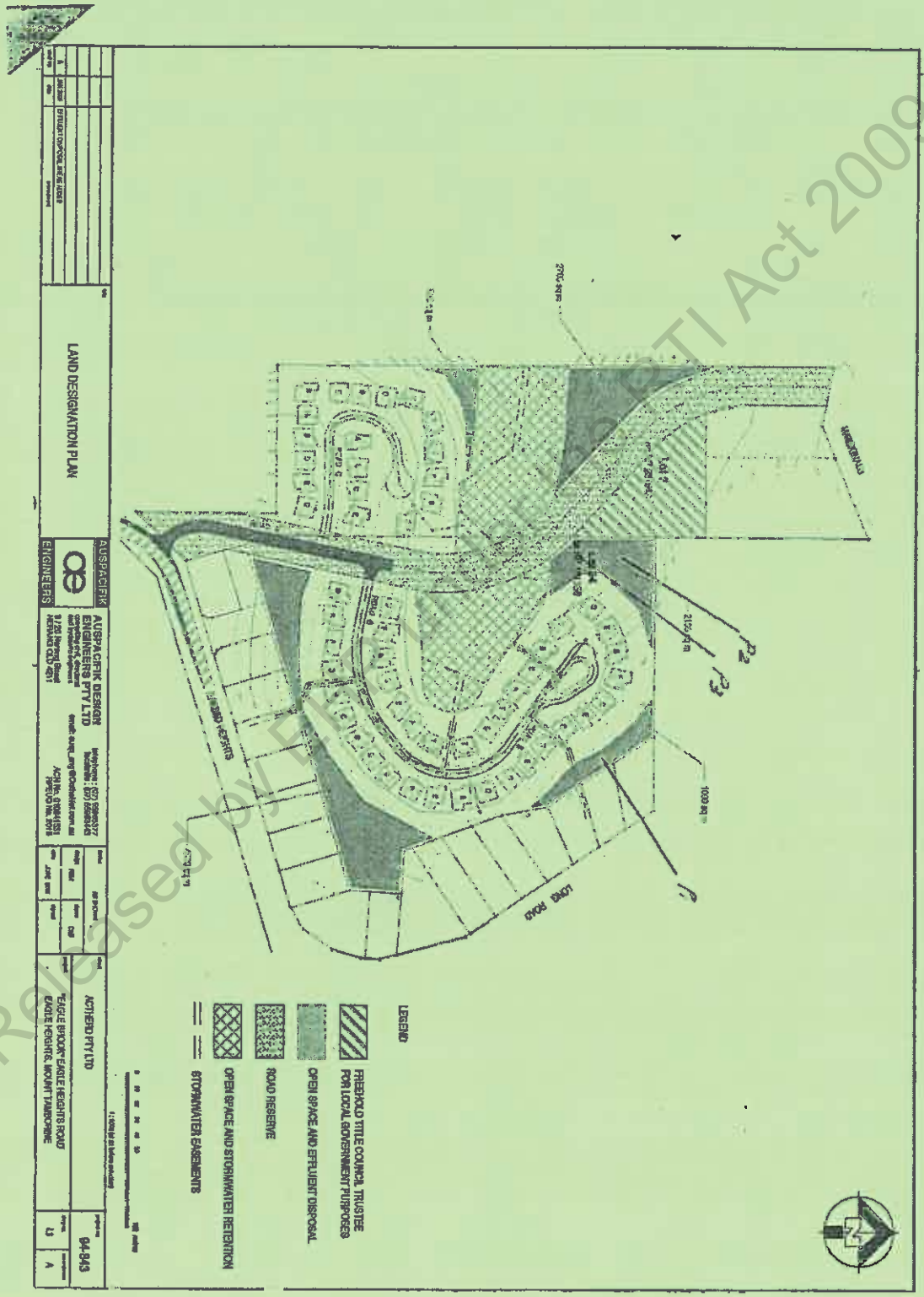
**"vibration sensitive place"** means places that experience (or will experience) offensive ground vibration from the mining vibration source/s under consideration. In determining these places, the following need to be considered: existing background vibration levels, exact vibration source locations, distance from source/s (or proposed source/s) to receiver and intervening geological structure.

**END OF CONDITIONS FOR SCHEDULE H**

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## Schedule I – Site Map

**Figure 1**




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**END OF DEVELOPMENT APPROVAL**

# Extract from the Integrated Planning Act 1997

## Division 8—Appeals to court relating to development applications

### Appeals by applicants

4.1.27 (1) An applicant for a development application may appeal to the court against any of the following -

(a) the refusal, or the refusal in part, of a development application;
(b) a matter stated in a development approval, including any condition applying to the development, and the identification of a code under section 3.1.6;
(c) the decision to give a preliminary approval when a development permit was applied for;
(d) the length of a currency period;
(e) a deemed refusal.

(2) An appeal under subsection (1)(a) to (d) must be started within 20 business days (the **"applicant's appeal period"**) after the day the decision notice or negotiated decision notice is given to the applicant.

(3) An appeal under subsection (1)(e) may be started at any time after the last day a decision on the matter should have been made.

### Appeals by submitters

4.1.28 (1) A submitter for a development application may appeal to the court about -

(a) the giving of a development approval, including any conditions (or lack of conditions) or other provisions of the approval; or
(b) the length of a currency period for the approval.

(2) The appeal must be started within 20 business days (the **"submitter's appeal period"**) after the day the decision notice or negotiated decision notice is given to the submitter.

(3) If a person withdraws a submission before the application is decided, the person may not appeal the decision.

(4) If an application involves both impact assessment and code assessment, appeal rights for submitters are available only for the part of the application involving impact assessment.

### Appeals by advice agency submitters

4.1.29 (1) An advice agency may, within the limits of its jurisdiction, appeal to the court about the giving of a development approval for a development application if -

(a) the development application involves impact assessment; and
(b) the advice agency told the applicant and the assessment manager to treat its response to the application as a submission for an appeal.

(2) The appeal must be started within 20 business days after the day the decision notice or negotiated notice is given to the advice agency as a submitter.

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**Appeals for matters arising after approval given (co-respondents)**

4.1.30 (1) For a development approval given for a development application, a person to whom any of the following notices have been given may appeal to the court against the decision in the notice -

(a) a notice giving a decision on a request for an extension of the currency period for an approval;
(b) a notice giving a decision on a request to make a minor change to an approval.

(2) The appeal must be started within 20 business days after the day the notice of the decision is given to the person.

(3) Subsection (1)(a) does not apply if the approval resulted from a development application (superseded planning scheme) that was assessed as if it were an application made under a superseded planning scheme.

## Division 9 - Appeals to court about other matters

**Appeals for matters arising after approval given (no co-respondents)**

4.1.31 (1) A person to whom any of the following notices have been given may appeal to the court against the decision in the notice -

(a) a notice giving a decision on a request to change or cancel a condition of a development approval;
(b) a notice under section 6.1.44 giving a decision to change or cancel a condition of a development approval.

(2) The appeal must be started within 20 business days after the day the notice of the decision is given to the person.

**Appeals against enforcement notices**

4.1.32 (1) A person who is given an enforcement notice may appeal to the court against the giving of the notice.

(2) The appeal must be started within 20 business days after the day notice is given to the person.

**Stay of operation of enforcement notice**

4.1.33 (1) The lodging of a notice of appeal about an enforcement notice stays the operation of the enforcement notice until -

(a) the court, on the application of the entity issuing the notice, decides otherwise; or
(b) the appeal is withdrawn; or
(c) the appeal is dismissed.

(2) However, subsection (1) does not apply if the enforcement notice is about -

(a) a work, if the enforcement notice states the entity believes the work is a danger to persons or a risk to public health; or
(b) carrying out development that is the demolition of a work.

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**Appeals against decisions on compensation claims**

4.1.34 (1) A person who is dissatisfied with a decision under section 5.4.8 or 5.5 3 for the payment of compensation may appeal to the court against -

(a) the decision; or
(b) a deemed refusal of the claim.

(2) An appeal under subsection (1)(a) must be started with 20 business days after the day notice of the decision is given to the person.

(3) An appeal under subsection (1)(b) may be started at any time after the last day a decision on the matter should have been made.

**Appeals against decisions on requests to acquire designated land under hardship**

4.1.35 (1) A person who is dissatisfied with a designator's decision to refuse a request made by the person under section 2.6.19, may appeal to the court against -

(a) the decision; or
(b) a deemed refusal of the request.

(2) An appeal under subsection (1)(a) must be started within 20 business days after the day notice of the decision is given to the person.

(3) An appeal under subsection (1)(b) may be started at any time after the last day a decision on the matter should have been made.

**Appeals from tribunals**

4.1.37 (1) A party to a proceeding decided by a tribunal may appeal to the court against the tribunal's decision, but only on the ground -

(a) of error or mistake in law on the part of the tribunal; or
(b) that the tribunal had no jurisdiction to make the decision or exceeded its jurisdiction in making the decision

(2) An appeal against a tribunal's decision must be started within 20 business days after the day notice of the tribunal's decision is given to the party.

**Court may remit matter to tribunal**

4.1.38 If an appeal includes a matter within the jurisdiction of a tribunal and the court is satisfied the matter should be dealt with by a tribunal, the court must remit the matter to the tribunal for decision.

## Division 10 - Making an appeal to court

**How appeals to the court are started**

4.1.39 (1) An appeal is started by lodging written notice of appeal with the registrar of the court.

(2) The notice of appeal must state the grounds of the appeal.

(3) The person starting the appeal must also comply with the rules of the court applying to the appeal.

(4) However, the court may hear and decide an appeal even if the person has not complied with subsection (3).

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**Certain appellants must obtain information about submitters**

4.1.40 (1) If the applicant or a submitter for a development application appeals about the part of the application involving impact assessment, the appellant must ask the assessment manager to give the appellant the name and address of each principal submitter who made a properly made submission about the application and has not withdrawn the submission.

(2) The assessment manager must give the information requested under subsection (1) as soon as practicable.

**Notice of appeal to other parties (div 8)**

4.1.41 (1) An appellant under division 8 must, within 10 business days after the day the appeal is started (or if information is requested under section 4.1.40, within 10 business days after the day the appellant is given the information) give written notice of the appeal to -

(a) if the appellant is an applicant - the assessment manager, any concurrence agency, any principal submitter whose submission has not been withdrawn and any advice agency treated as a submitter whose submission has not been withdrawn; or
(b) if the appellant is a submitter or an advice agency whose response to the development application is treated as a submission for an appeal - the assessment manager, the applicant and any concurrence agency; or
(c) if the appellant is a person to whom a notice mentioned in section 4.1.30 has been given - the assessment manager and any entity that was a concurrence agency for the development application.

(2) The notice must state -

(a) the grounds of the appeal; and
(b) if the person given the notice is not the respondent or a co-respondent under section 4.1.43 - that the person, within 10 business days after the day the notice is given, may elect to become a co-respondent to the appeal.

**Notice of appeal to other parties (div 9)**

4.1.42 (1) An appellant under division 9 must, within 10 business days after the day the appeal is started give written notice of the appeal to -

(a) if the appellant is a person to whom a notice mentioned in section 4.1.31[73] has been given - the entity that gave the notice; or
(b) if the appellant is a person to whom an enforcement notice is given - the entity that gave the notice and if the entity is not the local government, the local government; or
(c) if the appellant is a person dissatisfied with a decision about compensation - the local government that decided the claim; or
(d) if the appellant is a person dissatisfied with a decision about acquiring designated land - the designator; or
(e) if the appellant is a person who is disqualified as a private certifier - the entity disqualifying the person and if the entity disqualifying the person is not the accrediting body, the accrediting body; or
(f) if the appellant is a party to a proceeding decided by a tribunal - the other party to the proceeding.

(2) The notice must state the grounds of the appeal.

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**Respondent and co-respondents for appeals under div 8**

4.1.43 (1) This section applies to appeals under division 8 for a development application.

(2) The assessment manager is the respondent for the appeal.

(3) If the appeal is started by a submitter, the applicant is a co-respondent for the appeal.

(4) If the appeal is about a concurrence agency response, the concurrence agency is a co-respondent for the appeal.

(5) If the appeal is only about a concurrence agency response, the assessment manager may apply to the court to withdraw from the appeal.

(6) The respondent and any co-respondents for an appeal are entitled to be heard in the appeal as a party to the appeal.

(7) A person to whom a notice of appeal is required to be given under section 4.1.41 and who is not the respondent or a co-respondent for the appeal may elect to be a co-respondent.

**Respondent and co-respondents for appeals under div 9**

4.1.44 (1) This section applies if an entity is required under section 4.1.42 to be given a notice of an appeal.

(2) The entity given written notice is the respondent for the appeal.

(3) However, if under a provision of the section more than 1 entity is required to be given notice, only the first entity mentioned in the provision is the respondent.

(4) The second entity mentioned in the provision may elect to be a co-respondent.

**How a person may elect to be co-respondent**

4.1.45 (1) An entity elects to be a co-respondent by lodging in the court, within 10 business days after the day the notice of the appeal is given to the entity, a notice of election under the rules of court.

(2) If a principal submitter is entitled to elect to become a co-respondent, any other submitter for the submission may also elect to become a co-respondent to the appeal.

**Minister entitled to be represented in an appeal involving a State interest**

4.1.46 If the Minister is satisfied that an appeal involves a State interest, the Minister is entitled to be represented in the appeal.

**Lodging appeal stops certain actions**

4.1.47 (1) If an appeal (other than an appeal under section 4.1.30) is started under division 8, the development must not be started until the appeal is decided or withdrawn.

(2) Despite subsection (1), if the court is satisfied the outcome of the appeal would not be affected if the development or part of the development is started before the appeal is decided, the court may allow the development or part of the development to start before the appeal is decided.

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ecoaccess
environmental licences and permits

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# Application form

**Environmental Protection Act 1994 – Section 73D**

## Registration certificate for an environmentally relevant activity (ERA[1])

*This form is to be used when applying to become a registered operator to carry out one or more ERAs under s73D of the* Environmental Protection Act 1994. *Please label attachments alphabetically (e.g. "Attachment A").*

### 1. Applicant details

| APPLICANT/COMPANY NAME | PHONE |
|---|---|
| BROOKBROOK BODY CORPORATE | 07 55 312 622 |
| TRADING NAME<br>C.T.S 32588 | ACN OR ABN (AND ANZSIC CODE IF APPLICABLE)<br>96 754 425 929 |
| REGISTERED ADDRESS<br>C/- STRATA-JEM P/L PO BOX 10820 SOUTHPORT QLD 4215 | FAX<br>55 31 4566 |
| POSTAL ADDRESS (IF SAME AS REGISTERED WRITE 'AS ABOVE')<br>AS ABOVE | EMAIL ADDRESS<br>info@stratajem.com.au |
| CONTACT NAME<br>JANICE MCCARTHY (BODY CORP. MANAGER) | PHONE (IF DIFFERENT TO APPLICANT PHONE)<br>GARY@ |

### 2. ERA details

| ERA NUMBER(S) AND DESCRIPTION | LOCATION (E.G. STREET ADDRESS, OR FOR MOBILE OR TEMPORARY ACTIVITIES, LOCAL GOVERNMENT AREA/S) |
|---|---|
| SR 1962 | 3-15 COOK RD, EAGLE HEIGHTS 4271 |
| ERA NUMBER(S) AND DESCRIPTION | LOCATION |
| | |
| ERA NUMBER(S) AND DESCRIPTION | LOCATION |
| | |

### 3. Which situation best describes this application (please tick one of the 5 options)?

☐ I propose to conduct one or more new mobile and temporary[2] ERAs subject to a development approval (DA).

- ☐ I am the holder of a DA for a mobile and temporary ERA: _____ ; or
  DA number
- ☐ I have lodged an application for a DA for a mobile and temporary ERA: _____
  DA application number

☐ I propose to conduct one or more new ERAs subject to a development approval (DA) for a fixed site, and

- ☐ I have applied for a new DA for the ERAs — development application number: _____ ; or
- ☐ I will be operating under an existing DA and I have attached a copy of the landowner's written consent

  The DA number for the existing DA is: _____

☐ I propose to conduct one or more new ERAs subject to a code of environmental compliance[1].

---

[1] Refer to the information sheet *Carrying out an ERA subject to a code of environmental compliance* for information on what codes have been approved and details of the criteria to be met for the code to apply.



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

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☑ I propose to conduct one or more existing ERA(s) and the registration certificate is held by another person. This is known as a "continuing registration". The existing registration certificate number is: SR1962

Note 1: You must complete the dual signature requirement at the end of this form.

Note 2: Where a code of environmental compliance[1] applies to the activity being undertaken, you must comply with the conditions of the code as soon as you commence operating.

☐ I am operating a level 2 ERA operated under an existing deemed approval or development approval (tick which applies below) and I did not apply for a registration certificate before 4 October 2005.

☐ Existing deemed approval

☐ For an existing development approval, state your development approval number _____

Note 1: A deemed approval will continue to have effect unless the operator or scale of activity has changed since the activity was deemed to have an approval.

Note 2: A development approval for a level 2 activity will continue to have effect until the term of the development approval (if any) expires or the scale of activity changes.

## 4. Are you applying to have multiple activities[3] on a single registration certificate?

☐ Yes You will need to complete Attachment 1 to demonstrate that all your activities are part of a "single integrated operation".

☑ No

## 5. Applicant suitability

Have you ever:

- received a penalty infringement notice, environmental protection order, restraint order or been convicted of an offence under the *Environmental Protection Act 1994*? ☐ Yes* ☑ No
- had an environmental authority or registration certificate, or similar licence or permit (however called) under a corresponding law (whether administered by this state, another state or territory, the Commonwealth or another country), cancelled or suspended[4]? ☐ Yes* ☑ No
- been convicted of an environmental offence under a corresponding law (whether administered by this state, another state or territory, the Commonwealth or another country)[4]? ☐ Yes* ☑ No

Has a company or business you have held a position of management or control in ever, for an incident that occurred while you held a position of management or control:

- received a penalty infringement notice, environmental protection order, restraint order or been convicted of an offence under the *Environmental Protection Act 1994*? ☐ Yes* ☑ No
- had an environmental authority or registration certificate, or similar licence or permit (however called) under a corresponding law (whether administered by this state, another state or territory, the Commonwealth or another country), cancelled or suspended[4]? ☐ Yes* ☑ No
- been convicted of an environmental offence under a corresponding law (whether administered by this state, another state or territory, the Commonwealth or another country)[4]? ☐ Yes* ☑ No

* please provide complete details (such as location of offence or incident, date of offence or incident, amount of fine, facts and circumstances surrounding the offence or incident, name of court, court reference number, etc) in an attachment; and

attach any submission you would like the administering authority to consider in assessing this information, which will be used in deciding whether you are a suitable person to be a registered operator.

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Your application should be decided within 10 business days of receiving the application if all of the no boxes are ticked, or within 20 business days of receiving the application if any of the yes boxes are ticked.

## 6. Declaration

Note: If you have not told the truth in this application you may be liable for prosecution under the relevant Acts or Regulations.

- I do solemnly and sincerely declare that the information provided is true and correct to the best of my knowledge. I understand that it is an offence under s480 of the EP Act to give to the administering authority or an authorised person a document containing information that I know is false, misleading or incomplete in a material particular.
- I understand that all information supplied on or with this application form may be disclosed publicly in accordance with the *Freedom of Information Act 1992* and the *Evidence Act 1977*.
- I will take all reasonable and practical measures to comply with the relevant environmental requirements, including the conditions that apply to the activity I will be carrying out and the general environmental duty.

| APPLICANT'S FULL NAME | APPLICANT'S POSITION E.G. (DIRECTOR, MANAGER, OWNER) |
|---|---|
| X NEIL WATERS | SECRETARY EAGLEB ROOK Body Corp Committee |
| **APPLICANT'S SIGNATURE** | **DATE** |
| X Sch4p4(6) Signature | 18/06/07 |

If you are applying for a "continuing registration" (see section 3) the current registered operator must agree to the transfer using the endorsement below:

I agree to the transfer of the activities nominated in section 3 of this form from my registration certificate to the applicant. I understand that by agreeing to this transfer:

- these activities will be removed from my registration certificate and I will be issued an amended registration certificate for any remaining activities;
- the applicant will be issued a registration certificate for the activities nominated in section 3 of this form; and
- where the activities nominated in section 3 of this form are the only activities on my registration certificate, the registration certificate will be amended to remove my details and include the applicant's details.

| CURRENT REGISTERED OPERATOR'S FULL NAME | |
|---|---|
| LAWRENCE John Cook ACTHERD Pty LTD - SOLE DIRECTOR | |
| **CURRENT REGISTERED OPERATOR'S SIGNATURE** | **DATE** |
| Sch4p4(6) Signature | 9/6/07 |

## 7. Applicant checklist

- ☑ Application form(s) completed and signed
- ☑ Fees paid or enclosed (see the information sheet *Summary of fees — environmentally relevant activities* for the applicable fee)
- ☑ Supporting information attached (if applicable)
- ☑ Account code selected from section 8 for the type of application and the EPA district in which the activity operates

Please return your completed application kit to:

**Ecoaccess Customer Service Unit**
**Environmental Protection Agency**

PO Box 15155
City East
Queensland 4002

Enquiries: **1300 368 326**
Facsimile: (07) 3115 9600
Email: eco.access@epa.qld.gov.au

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## 8. EPA District

Please indicate the type of registration and the EPA District in which the activity is located.

| ☑ Continuing registration | | Office use only |
|---|---|---|
| | **District** | **Account code** |
| ☑ | Brisbane | 4049 WBL 00 SROR |
| ☐ | Cairns | 4049 NCZ 00 SROR |
| ☐ | Emerald | 4049 LCY 86 SROR |
| ☐ | Gladstone | 4049 LGE 00 SROR |
| ☐ | Mackay | 4049 LME 00 SROR |
| ☐ | Maryborough | 4049 WMZ 00 SROR |
| ☐ | Mount Isa | 4049 NNZ 00 SROR |
| ☐ | Rockhampton | 4049 LKE 00 SROR |
| ☐ | Sunshine Coast | 4049 WDZ 00 SROR |
| ☐ | Toowoomba | 4049 WSZ 00 SROR |
| ☐ | Townsville | 4049 NTZ 00 SROR |

| ☐ Other registration | | Office use only |
|---|---|---|
| | **District** | **Account code** |
| ☐ | Brisbane | 4026 WBL 00 SROR |
| ☐ | Cairns | 4026 NCZ 00 SROR |
| ☐ | Emerald | 4026 LCY 86 SROR |
| ☐ | Gladstone | 4026 LGE 00 SROR |
| ☐ | Mackay | 4026 LME 00 SROR |
| ☐ | Maryborough | 4026 WMZ 00 SROR |
| ☐ | Mount Isa | 4026 NNZ 00 SROR |
| ☐ | Rockhampton | 4026 LKE 00 SROR |
| ☐ | Sunshine Coast | 4026 WDZ 00 SROR |
| ☐ | Toowoomba | 4026 WSZ 00 SROR |
| ☐ | Townsville | 4026 NTZ 00 SROR |

[1] Other than a mining activity or a petroleum activity

[2] "Mobile and temporary environmentally relevant activity" means a chapter 4 activity, other than a activity that is dredging material, extracting rock or other material, or the incinerating of waste—
(a) carried out at various premises using transportable plant or equipment, including a vehicle; and
(b) that does not result in the building of any permanent structures or any physical change of the landform at the premises (other than minor alterations solely necessary for access and setup including, for example, access ways, footings and temporary storage areas); and
(c) carried out at 1 location and—
(i) for less than 28 days in a calendar year; or
(ii) the activity is necessarily associated with, and is exclusively used in the construction or demolition phase of a project.

[3] The term 'multiple activities' includes two or more ERAs at a single premise; and one or more ERAs at two or more premises. Any of these combinations can include a "mobile and temporary ERA".

[4] For a corporation this question applies to any of the corporation's executive officers or another corporation that they have been an executive officer for. Otherwise this question applies to the applicant or another person of whom the applicant is a partner.

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Queensland Government
Environmental Protection Agency
Queensland Parks and Wildlife Service

SR1977

ABN: 8722 115 8786

# Application for a licence (with development approval)

## Section 82 *Environmental Protection Act 1994*

***Important information for applicants***

- *'Common applicant details for environmental authorities' must accompany this form.*
- *When applying for a licence (with development approval), you should either have an existing development approval, or have applied for a development approval by completing 'Form 1 Development Application - IDAS' which should be submitted to the relevant local government.*
- *Please number all attachments alphabetically (eg. 'Attachment A' etc.).*
- *The guidance information provided on the left side of this document is intended to assist you to complete the application form. However, if you experience difficulties completing the form, please contact your local Environmental Protection Agency (EPA) office (details attached at the back of the 'Common applicant details for environmental authorities' form).*

**FOR OFFICE USE ONLY**

| Date received: | File Ref: |
|---|---|
| 15/5/01 | AA256988 |

| Correct AA | Complete Form | Correct Fee |
|---|---|---|
| Yes ☑ | Yes ☑ | Yes ☑ |

Entered By (sign): Sch4p4(6) Signature (date): 30/5/01

### Guide

*The 'applicant' and the 'responsible person' must be the same as those nominated on the 'Common applicant details for environmental authorities' form.*

**1 Applicant name**

Name: ACTING Principal

**2 Responsible person**

Name: LAWRENCE JOHN COOK

**3 Is this form accompanied by a completed 'Common applicant details for environmental authorities' form?**

☑ Yes

☐ No → The common details form must be completed and submitted with this application form.

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## 4 Scheduled activity

Development approvals are usually issued for one or more activities to be carried out on one land parcel (lot).

Please complete the table below, ensuring that you include all relevant sub-sections of the ERA number(s), and all relevant real property description information.

*The street address of the place at which the ERA(s) will be carried out may be required for on-site meetings or inspections. The real property description (lot, plan), is legally required.*

*Sources of property information include:*
- *Rates notices;*
- *Certificates of Title;*
- *Department of Natural Resources.*

| | |
|---|---|
| Street Address | CNR EAGLE HEIGHTS & MALDONNEL RDS |
| Lot | 2 |
| Plan | 231543 |
| Local Government | BANDOORA |

| ERA Number(s) | ERA Name(s) |
|---|---|
| 15(a) | SEWAGE TREATMENT PLANT |
| | 21 - 100 EP |
| | |
| | |
| | |

*Information about your development application will be listed on the 'Acknowledgement notice' issued by the local authority.*

## 5 Has an application for development approval been lodged for the ERA(s) listed above?

☑ Yes → Please complete the table below.

☐ No → You are advised to lodge your application for development approval prior to, or at the same time as you lodge this application form.

| | |
|---|---|
| Assessment Manager: EPA | Phone |
| Application Reference Number | Fax |

*If a development approval has already been issued or you are currently already undertaking the activity/activities, you will be required to submit an application fee with this application. If, however, you have lodged an application for development approval but it has not yet been issued (and the activity has not yet commenced), no fee applies to this application.*

## 6 Has a development approval been issued for the ERA(s) listed in Question 4?

☐ Yes → Tick: ☐ Preliminary approval; or ☐ Development permit

☑ No

## 7 Does a current environmental authority exist for the lot listed in Question 4?

☐ Yes → Enter the environmental authority number: _____

☑ No

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*Please read carefully through the certification opposite before signing. Note that this form must be signed by the 'responsible person' nominated on the first page of this form.*

*For information regarding fees, see the guidance information at the back of the 'Common applicant details for environmental authorities' form.*

*You may apply for exemption from disclosing information contained in a document submitted, or proposed to be submitted with this application (see section 564 of the Act).*

*As at 31 October 2000, the value of each penalty unit is $75. Please note that this is subject to change.*

*Thank you for the time you have spent completing this form. Please forward your completed form and all attached information to an EPA office near you. A list of offices is attached at the back of the form 'Common applicant details for environmental authorities'.*

## 8 Certification

I / We ACTING P/L
Printed name of applicant

- apply for a licence (with development approval) and have an existing development approval, or have applied for development approval, for the activity;
- enclose the prescribed fee (if applicable) of $ 1700.00
- understand and agree that all information provided on or with this application form may be made available upon request, subject to the provisions of the *Freedom of Information Act 1992*, and/or EPA administrative access arrangements.

I, LAURENCE JOHN COOK
Printed name of responsible person

- am authorised to sign on behalf of the applicant, and commit the applicant in all matters relevant to this application. I am aware that under section 480 of the *Environmental Protection Act 1994*, it is an offence to give the administering authority information that I know is false or misleading in any material particular. The maximum penalty for such action is 165 penalty units for an individual, or 825 penalty units where the applicant is a corporation (section 181B (3) of the *Penalties and Sentences Act 1992*).

Signature of Sch4p4(6) Signature 11/05/01
Date

DIRECTOR
Position of signatory (eg. Director, manager, owner, partner, CEO etc.)

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Queensland Government
Environmental Protection Agency
Queensland Parks and Wildlife Service

SR 1962

ABN: 8722 115 8786

# Application for a licence (with development approval)

## Section 82 *Environmental Protection Act 1994*

***Important information for applicants***

- *'Common applicant details for environmental authorities' must accompany this form.*
- *When applying for a licence (with development approval), you should either have an existing development approval, or have applied for a development approval by completing 'Form 1 Development Application - IDAS' which should be submitted to the relevant local government.*
- *Please number all attachments alphabetically (eg. 'Attachment A' etc.).*
- *The guidance information provided on the left side of this document is intended to assist you to complete the application form. However, if you experience difficulties completing the form, please contact your local Environmental Protection Agency (EPA) office (details attached at the back of the 'Common applicant details for environmental authorities' form).*

| FOR OFFICE USE ONLY | | |
|---|---|---|
| Date received: ~~15/5/01~~ 15/5 | File Ref: 96940 ~~AA 256 985~~ | |
| Correct AA Yes ☑ | Complete Form Yes ☑ | Correct Fee Yes ☑ |
| Entered By (sign): Sch4p4(6) Signature | (date): 16/5/01 | |

### *Guide*

*The 'applicant' and the 'responsible person' must be the same as those nominated on the 'Common applicant details for environmental authorities' form.*

**1 Applicant name**

Name: ACTHARD Pty Ltd

**2 Responsible person**

Name: LAURENCE JOHN COOK

**3 Is this form accompanied by a completed 'Common applicant details for environmental authorities' form?**

☑ Yes

☐ No → The common details form must be completed and submitted with this application form.

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## 4 Scheduled activity

Development approvals are usually issued for one or more activities to be carried out on one land parcel (lot).

Please complete the table below, ensuring that you include all relevant sub-sections of the ERA number(s), and all relevant real property description information.

*The street address of the place at which the ERA(s) will be carried out may be required for on-site meetings or inspections. The real property description (lot, plan), is legally required.*

*Sources of property information include:*
- *Rates notices;*
- *Certificates of Title;*
- *Department of Natural Resources.*

| | |
|---|---|
| Street Address | 9 N EAGLETHORPE & MACDONNELL RD |
| Lot | 54 |
| Plan | 13/356 |
| Local Government | BEAUDESERT |

| ERA Number(s) | ERA Name(s) |
|---|---|
| 15(b) | SEWAGE TREATMENT PLANT |
| | 100 - 500 EP |
| | |
| | |
| | |

*Information about your development application will be listed on the 'Acknowledgement notice' issued by the local authority.*

## 5 Has an application for development approval been lodged for the ERA(s) listed above?

☑ Yes → Please complete the table below.

☐ No → You are advised to lodge your application for development approval prior to, or at the same time as you lodge this application form.

| | |
|---|---|
| Assessment Manager: EPA | Phone |
| Application Reference Number | Fax |

*If a development approval has already been issued or you are currently already undertaking the activity/activities, you will be required to submit an application fee with this application. If, however, you have lodged an application for development approval but it has not yet been issued (and the activity has not yet commenced), no fee applies to this application.*

## 6 Has a development approval been issued for the ERA(s) listed in Question 4?

☐ Yes → Tick: ☐ Preliminary approval; or ☐ Development permit

☑ No

## 7 Does a current environmental authority exist for the lot listed in Question 4?

☐ Yes → Enter the environmental authority number: _____

☑ No

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*Please read carefully through the certification opposite before signing. Note that this form must be signed by the 'responsible person' nominated on the first page of this form.*

*For information regarding fees, see the guidance information at the back of the 'Common applicant details for environmental authorities' form.*

*You may apply for exemption from disclosing information contained in a document submitted, or proposed to be submitted with this application (see section 564 of the Act).*

*As at 31 October 2000, the value of each penalty unit is $75. Please note that this is subject to change.*

*Thank you for the time you have spent completing this form. Please forward your completed form and all attached information to an EPA office near you. A list of offices is attached at the back of the form 'Common applicant details for environmental authorities'.*

## 8 Certification

I / We ACTHAR P/L
Printed name of applicant

- apply for a licence (with development approval) and have an existing development approval, or have applied for development approval, for the activity;
- enclose the prescribed fee (if applicable) of $..700.....
- understand and agree that all information provided on or with this application form may be made available upon request, subject to the provisions of the *Freedom of Information Act 1992*, and/or EPA administrative access arrangements.

I, LAURENCE JOHN COOK
Printed name of responsible person

- am authorised to sign on behalf of the applicant, and commit the applicant in all matters relevant to this application. I am aware that under section 480 of the *Environmental Protection Act 1994*, it is an offence to give the administering authority information that I know is false or misleading in any material particular. The maximum penalty for such action is 165 penalty units for an individual, or 825 penalty units where the applicant is a corporation (section 181B (3) of the *Penalties and Sentences Act 1992*).

Sch4p4(6) Signature
Signature of re

11/05/01
Date

DIRECTOR
Position of signatory (eg. Director, manager, owner, partner, CEO etc.)

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Queensland Government
Environmental Protection Agency
Queensland Parks and Wildlife Service

ABN: 8722 115 8786

# Common applicant details for environmental authorities

## Sections 82, 89, 109 and 311 *Environmental Protection Act 1994*

***Important information for applicants***

- *This application form asks for common applicant details for all applications for environmental authorities. Details entered here will be considered as part of all applications for environmental authorities in accordance with sections 82, 89, 109 or 311 where those applications are submitted together with this form.*
- *You must complete all questions - incomplete forms will not be processed.*
- *Please number all attachments alphabetically (eg. 'Attachment A' etc.).*
- *The guidance information provided on the left side and at the back of this document is intended to assist you to complete the application form. However, if you experience difficulties completing the form, please contact your local Environmental Protection Agency (EPA) office (details at the back of this form).*

| FOR OFFICE USE ONLY | |
|---|---|
| *Date received:* | *File Ref:* |
| *Correct AA* *Yes* ☐ | *Complete Form* *Yes* ☐ |
| *Entered By (sign):* | *(date):* |

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### *Guide*

*The applicant is the legal entity intending to carry out the activity. Please read 'Guide for Question 1' at the back of this form.*

*If the applicant is not an individual, please nominate someone who is authorised to act on behalf of the applicant (eg. Director, CEO, or Manager of the applicant organisation).*

*All bodies registered under Corporations Law will have an Australian Company Number (ACN), except some foreign bodies which will have an Australian Registered Body Number (ARBN). The ANZSIC code is used by the Australian Bureau of Statistics and will be displayed in the public register.*

*The applicant's street address is required for the legal serving of notices and must not be a post office box. If the applicant is not an individual (eg. a company or corporation), you must enter the address of the applicant's **registered office**.*

### 1 Applicant name

Name: ACMOR Pty Ltd

### 2 Responsible person

Name: Lawrence John Cook

### 3 ACN / ARBN and ANZSIC Code (if applicable)

ACN / ~~ARBN~~: 050 538 610

ANZSIC Code:

### 4 Applicant Address and Contact Details

Street Address / Registered Office Address: 131 Lows Rd Eagle Heights

Telephone: 57 452 024

Fax: 57 450 878

E-mail:

*The name and address provided here may be in any form (including post office box).*

*Providing details here may be appropriate for several reasons - for example, the registered office address of the applicant may be located interstate and sometimes correspondence and information is not forwarded to the place where the activity is carried out.*

**5 If you would like us to send copies of notices to another person or office location, please provide those details below.**

| | |
|---|---|
| Contact Name | LYLE WILLSHER TAYLOR CRS P/L |
| Address | 10 ACTIVITY CRES EVANS CR |
| Telephone | ST 71722 |
| Fax | ST 71733 |
| E-mail | |

*One of the factors that the administering authority considers when deciding to grant an environmental authority is the suitability of the applicant to hold an environmental authority.*

*With respect to Questions 6 and 7, past criminal activity for environmental offences will not necessarily result in the application being refused. Each case is assessed on its merits.*

*Under the Environmental Protection Act (EP Act), a conviction includes a plea of guilty even though a conviction is not recorded.*

*Under the EP Act, an 'executive officer' includes anyone involved in the management of a corporation. You should make reasonable enquiries of all executive officers.*

**6 Has the applicant been convicted of an offence against the *Environmental Protection Act 1994* (including Acts repealed by this Act) or a corresponding law within Queensland or in another jurisdiction?**

Where the applicant is a corporation, this question applies to all executive officers of the corporation (and relates to their current position, and any other executive positions they may have held in other corporations).

☐ Yes → Please attach a brief statement outlining the date, location, and the nature of the conviction. Attachment

☑ No

**7 Has the applicant held an environmental authority (eg. licence or approval) that has been cancelled or suspended under *Environmental Protection Act 1994* (including Acts repealed by this Act) or a corresponding law within Queensland or in another jurisdiction?**

Where the applicant is a corporation, this question applies to all executive officers of the corporation (and relates to their current position, and any other executive positions they may have held in other corporations).

☐ Yes → Please attach a brief statement outlining the date, licence or approval number, and the nature of the cancellation or suspension. Attachment

☑ No

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*Please read carefully through the certification opposite before signing. Note that this form must be signed by the 'responsible person' nominated on the first page of this form.*

*You may apply for exemption from disclosing information contained in a document submitted, or proposed to be submitted with this application (see section 564 of the Act).*

*As at 31 October 2000 the value of each penalty unit is $75. Please note that this is subject to change.*

*Thank you for the time you have spent completing this form. Please forward your completed form and all attached information to an EPA office near you.*
*A list of offices that accept application forms is attached for your information.*

## 8 Certification

I / We ACTHRS P/L
Printed name of applicant

- understand and agree that all information provided on or with this application form may be made available upon request, subject to the provisions of the *Freedom of Information Act 1992*, and/or EPA administrative access arrangements.

I, LAWRENCE JOHN COOK
Printed name of responsible person

- am authorised to sign on behalf of the applicant, and commit the applicant in all matters relevant to this application. I am aware that under section 480 of the *Environmental Protection Act 1994*, it is an offence to give the administering authority information that I know is false or misleading in any material particular. The maximum penalty for such action is 165 penalty units for an individual, or 825 penalty units where the applicant is a corporation (section 181B (3) of the *Penalties and Sentences Act 1992*).

Sch4p4(6) Signature
nsible person

11/05/01
Date

DIRECTOR
Position of signatory (eg. Director, manager, owner, partner, CEO etc.)

## Reminder:

Completion of this form only does not constitute an application for an environmental authority. You must attach completed applications for one or more of the following types of environmental authorities as relevant to your circumstances:

- **section 82** - Application for a licence (with development approval);
- **section 89** - Application for an environmental authority (without development approval);
- **section 109** - Application to convert a licence to a level 1 approval; or
- **Chapter 4 and section 311** - Application for an integrated authority.

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SR1950

EPA SOUTHERN REGION

| Correspondence No. 3809 | Barcode No. |
|---|---|
| File No. 3067 STN2393 | PART 1 FOLIO 6 |
| Action Officer | Related Items |

Queensland Government

**Environmental Protection Agency**

160 Ann Street . Brisbane Queensland . PO Box 155 . BRISBANE ALBERT STREET QLD 4002

Telephone (07) 3227 6179 . Facsimile (07) 3227 6536

ABN: 87 221 158 786

# RECEIPT - TAX INVOICE

Receipt Number: 96940 Company Code: EN01

Receipt Date: 30.04.2001 Receipt Total: 1,700.00

**PAYMENT FROM:**
TAYLEX QUEENSLAND P/L
WBC ASHMORE
$1700.00

| PAYMENT DETAILS | PAYMENT FOR | $ AMOUNT |
|---|---|---|
| CHEQUE 402148 | ENVIRONMENT APPLICATION 4026 WBL00SROR | 1,700.00 |
| GST AMOUNT | | 0.00 |

* GST is a Commonwealth Government Tax.

Received By: Sch4p4(6) Signature



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# DEVELOPMENT APPROVAL APPLICATION

**Application Number** **SR0161DA**

| | |
|---|---|
| Acthers Pty Ltd | |
| Eagle Heights Road and Macdonnell Road Eagle Heights | 15(a) Sewage treatment<br>15(b) |
| **Application Received** | 15/05/2001 |
| | |
| **Information Request to be sent by** | 29/05/2001 |
| | |
| **Information Received** | |
| | |
| Target Dates | |
| **Assessment Start Date**<br>**Application date** + 10 Days | 29/05/2001 |
| | |
| **Response Date**<br>Assessment Start Date + 20 Days | 27/06/2001 |
| | |
| File Number | |
| Assessing Officer | |

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SR016/PA

Integrated Planning Act 1997

# Form 1 Development Application

idas INTEGRATED DEVELOPMENT ASSESSMENT SYSTEM

PART A

## Common details for all applications

The completion of all questions on Part A is mandatory for all applications. For further information refer to the guide for completing the application form available from the assessment manager or on the IPA website at www.ipa.qld.gov.au

### 1. Description of land

The description must identify all land subject of the application including land/easements over which access is to be obtained.

The lot & plan details (eg. SP / RP) are shown on title documents or a rates notice.

If the plan is not registered by title, provide previous lot and plan details.

Street address *(Include no., street, suburb / locality & postcode)*

c/- EAGLE HEIGHTS RD & MACDONNELL RD
EAGLE HEIGHTS Postcode 4271

Lot & plan details *(Attach list if necessary)*

54 - 131356 County of WARD Parish of LAMBOURNE
2 231545 " " " "

Shop / tenancy no. *(If applicable)* | Storey / level *(If applicable)* | Total area of land *(m² / ha)*

In which local government area is the land situated?

BEAUDESERT

### 2. Proposal

Provide details of the proposal *(eg. new house / apartment building etc, demolition / removal of a house, extension to existing shop, new carport etc).*

Details of the existing use of the land *(Attach proposal report if necessary)*

VACANT LAND

Details of the proposal *(Attach proposal report if necessary)*

ELDER PERSONS HOUSING

### 3. Other parts of the form completed

Complete **all** other parts of the form applicable to your application.

What other parts of the form are attached *(E.g.* **Part B:** *if the application involves assessment against the Building Act,* **Part D:** *if the application involves assessment against the planning scheme for material change of use,* **Part F:** *if the application involves reconfiguring a lot)*

PART G ERA

### 4. Applicant details

Clearly identify who is making the application. The applicant need not be the owner of the land.

If the applicant is a company, a contact person must be shown.

Name

ACTHERS PTY LTD

Contact person | Phone no.

LAURENCE JOHN COOK | 55452024

Mobile no. | Fax no. | Email address

55450878

Signature | Date

All correspondence will be mailed to this address.

Postal address

131 LONG RD
EAGLE HEIGHTS Postcode 4271

### 5. Consent of land owner/s

Completion of this section provides the owner's consent to the lodgement of this application.

If there are multiple owners, the consent of each owner is required.

If the owner is a company refer to the guide for completing the application form.

Name *(In full) (Attach list if necessary)*

ACTHERS PTY LIMITED

Signature/s *(Or if a company, the ACN plus signature/s or company seal & signatures)* | Date

050538610 * Sch4p4(6) Signature | 11/05/01

Contact details *(Optional)*

OFFICE USE ONLY *(applicable to assessment manager, alternative assessment manager and private certifier)*

| FEE ($) | DATE RECEIVED | | RECEIVING OFFICER'S NAME/S | | REFERENCE NUMBER/S | |
|---|---|---|---|---|---|---|

Notification of Engagement of Private Certifier *(Optional format for private certifiers)*

To _____ Council. I have been engaged as a private certifier for the building work referred to in this application.

Date of engagement: / / Accreditation Number _____

Name: _____ Signature: _____

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# Form 1 Development Application

idas INTEGRATED DEVELOPMENT ASSESSMENT SYSTEM

PART G

Complete if this application involves ***assessment for an***

## *Environmentally Relevant Activity (ERA)*

The completion of all questions in Part G of this form is *mandatory* for all development applications for a material change of use of premises for an ERA.

**Nature of the ERA**

To assist in completing this section, refer to the Environmental Protection Agency's (EPAs) Guideline No 1 IPA/EPA available on the EPAs website at http://www.env.qld.gov.au under Business and Industry / Environmental Guidelines / Integrated Planning Act, or contact the local government.

To identify who the administering authority is for each ERA, refer to Schedule 1 of the *Environmental Protection Regulation 1998* or contact the EPA or local government.

If the proposed ERA is a Level 1 activity, an application for an environmental authority under the *Environmental Protection Act 1994* is also required before the use starts. A fee saving is available if the applications are lodged together.

1. Identify each existing *(if any)* & proposed ERA(s) *(eg. ERA 15)* & its description *(Attach list if necessary)*

(1) ERA SEWERAGE TREATMENT WORKS 21 - 100 EP

**Existing Level** *(If applicable)* ☑ Level 1 ☐ Level 2

**Proposed Level** *(Tick applicable box)* ☑ Level 1 ☐ Level 2

**Existing Threshold** *(If applicable)*

**Proposed Threshold** 100 EP

(2) ERA SEWERAGE TREATMENT WORKS 100 - 500 EP

**Existing Level** *(If applicable)* ☐ Level 1 ☐ Level 2

**Proposed Level** *(Tick applicable box)* ☐ Level 1 ☐ Level 2

**Existing Threshold** *(If applicable)*

**Proposed Threshold**

**Details of the land**

For further details regarding preparing a Proposal Report refer to Guide 7.

**Plans and written information are required to accompany applications for ERAs *(unless they are already provided in a Proposal Report or on plans).* These plans and information are required to address the following matters regarding the land:**

2. A description of the existing environment *(ie. maps of the land and surrounding area, zoning of the land and surrounding areas)* ☑ *Details provided in Proposal Report / Plans*
3. Details of the distance to any watercourse, dam, bore etc on or adjoining the land. ☑ *Details provided in Proposal Report / Plans*
4. Details of any of the following types of materials currently stored on the land *(ie flammable & combustible materials, chemicals, other hazardous substances)* ☑ *Details provided in Proposal Report*

   Details of the location of any acid sulfate soils within or adjoining the land ☑ *Details provided in Proposal Report / Plans*

**Details of the activity**

An application for an environmental relevant activity must be supported by enough information to enable the administering authority to decide the application, including, for example, relevant information about the likely risks to the environment, details of waste to be generated and any waste minimisation strategy.

**Plans and written information are required to accompany applications for ERAs *(unless they are already provided in a Proposal Report or on plans).* These plans & information are required to address the following matters regarding the proposal:**

6. A description of the activity *(i.e. proposed operation and activities, discharge points, process details)* ☑ *Details provided in Proposal Report*
7. Details of stormwater generation & disposal *(ie stormwater management plans)* ☑ *Details provided in Proposal Report / Plans*
8. Details of waste produced, including solid and liquid waste *(ie waste management, waste minimisation plan, trade waste permit)* ☑ *Details provided in Proposal Report*
9. Details of contaminant releases and their impacts on the receiving environment *(ie discharge to waters, air, land; generation of noise, discharge of other contaminants)* ☑ *Details provided in Proposal Report*
10. Details of any of the following types of materials proposed to be stored on the land *(ie flammable & combustible materials, chemicals, other hazardous substances)* ☑ *Details provided in Proposal Report*
11. Details of proposed hours of operation ☑ *Details provided in Proposal Report*
12. Details of business trading name ☑ *Details provided in Proposal Report*

**Fee payable**

13. Provide details of the fee payable for each scheduled ERA(s) listed in Question 1 *(Attach additional details if necessary)*

$200 x 2 <$500 (15a) TOTAL $2400.00
$1500 (15b)

**Plans and documents**

14. Is the application accompanied by: *(Tick applicable box/es)*

☑ Plans ☐ Proposal report

☑ Other *(Specify)* SOIL & SITE EVALUATION

***This application cannot be accepted by the assessment manager unless accompanied by Part A of the Development Application***

OFFICE USE ONLY *(applicable to assessment manager and alternative assessment manager)*

| DATE RECEIVED | | REFERENCE NUMBER/S | |
|---|---|---|---|

A-25-188 3 Tw...

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AA256988

EPA Environmental Protection Agency SOUTHERN QUEENSLAND

(Place) ..... 15.05.01 19

**RECEIVED** by ~~Cash~~/Cheque from Taylex Queensland Pty Ltd

( ) the sum of Seven Hundred Only

(Insert here name of drawer of cheque)

dollars cents

on account of the **Public Service of Queensland**, for Application Fee 4026

Office of ..... Sch4p4(6) Signature .....

$ 700.00

Cheques or other negotiable instruments accepted subject to clearance

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Taylex Queensland Pty Ltd
A.C.N. 054 304 817

14 Activity Crescent
Ernest Queensland 4214

Phone: (07) 5571 5122
Fax: (07) 5571 5133
Email: taylexql@onthenet.com.au

EPA SOUTHERN REGION
Correspondence No. Barcode No.
5/m2001/3201
File No. PART FOLIO
ted Items

5th April 2001

Attention: Mr Bob Gallagher
Department of Environment
Division of Environment
PO Box 155
Brisbane Albert Street Qld 4002

Sch4p4(6) Signature

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Dear Bob,

**Re: Application for a License to Install & Operate an Environmental Activity At Cnr Eagle Heights Road & MacDonnell Road, Eagle Heights Qld 4271**

Further to our submission dated 20th March 2001 and your subsequent request for additional information facsimile transmitted to us on 30th March 2001 we now wish to advise the following:

1. Each treatment plant is designed for peak capacity based on a maximum occupancy of two persons per bedroom, with two bedrooms per unit, consequently, our calculations take into account full occupancy.
   i.e. Stage One – 148 persons  Stage two – 76 persons

2. The individual septic tank capacity is 6,000 litres per vessel, with the contributing flow being derived on units based on bedroom occupancy. The total volume of septic tanks is obtained from the Environment Protection Agency Document referred to as "Environment Guideline – Sewage Treatment Works Peak Design Capacity"

3. The methodology used to derive the EP for the units is taken from the new Australasian Standard AS/NZS 1547:2000 "On-site domestic wastewater management" refer Appendix 4.2D Typical Domestic-Wastewater Flow Design Allowances (copy attached).

4. We have carried out additional site testing to determine ground water that was not encountered at a depth of 1.5 metres in the proposed effluent disposal areas (copy of report attached).

5. The nearest water body is deemed to be the Canungra Creek that is approximately 10 kilometres from the site.

REC 12 APR 2001 REGION
QUALITY ASSURED COMPANY
JAS-ANZ
AS/NZS ISO 9001:1994
REGN. NO. 559
Certified Product
Australian Standard
AS/NZS 1546.1
Lic 1527
Standards Australia
Collection Wells and Septic Tanks

6. The minimum buffer distance from the proposed development to the surrounding dwellings or structures is 10 metres with the average distance being in access of 30 metres (refer attached site plan)

7. The surrounding land usage is light commercial in Lots 1-12 Long Road, inclusive and residential in Lots 2–10 Eagle Heights Road, the remaining boundaries adjoin proposed rural/residential allotments.

8. The nearest municipal reticulated sewerage system is located at Canungra which is approximately 11 kilometres from the site.

9. Proposed at this stage that all effluent will be disposed sub-surface amongst selected vegetation unless otherwise specified by a suitably qualified horticultural/landscape architect.

We trust that the above now finalises our submission and we look forward to the issue of the appropriate license.

Sch4p4(6) Signature

LYLE B. WILLSHER
MANAGING DIRECTOR

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Queensland Wastewater Management

M Rolls
P O Box 341
NERANG 4211
Ph: 07 55337 448
Fax 07 55337 460
ABN: 27 350 152 643

4 April 2001

**BORE HOLE RESULTS FOR LOTS 5 & 22 EAGLE HEIGHTS ROAD, MOUNT TAMBORINE**

## INTRODUCTION

Queensland Wastewater Management was requested to carry out bore-hole testing, on the above property, to determine if groundwater was present within 1.5 metres of the proposed land application surface.

## BORE HOLE RESULTS

A total of three bore-hole tests were conducted across the site in accordance with ASNZ 1547-2000. The test hole locations were selected within the lower gradient of each of the three land application areas. The holes for these tests were constructed to a depth of 1500mm and the locations are shown on the attached site sketch. The method used to obtain the required test depth involved the construction of a test pit excavated by hand to a depth of approximately 400mm. A 90mm auger was then used to achieve the required test depth.

| TEST LOCATION<br>Refer to Site Sketch attached | SOIL DESCRIPTION<br>(According to ASNZ1547:2000) |
|---|---|
| Test BH1 – depth 1500mm | Light Clay |
| Test BH2 – depth 1500mm | Light Clay |
| Test BH3 – depth 1500mm | Light Clay |

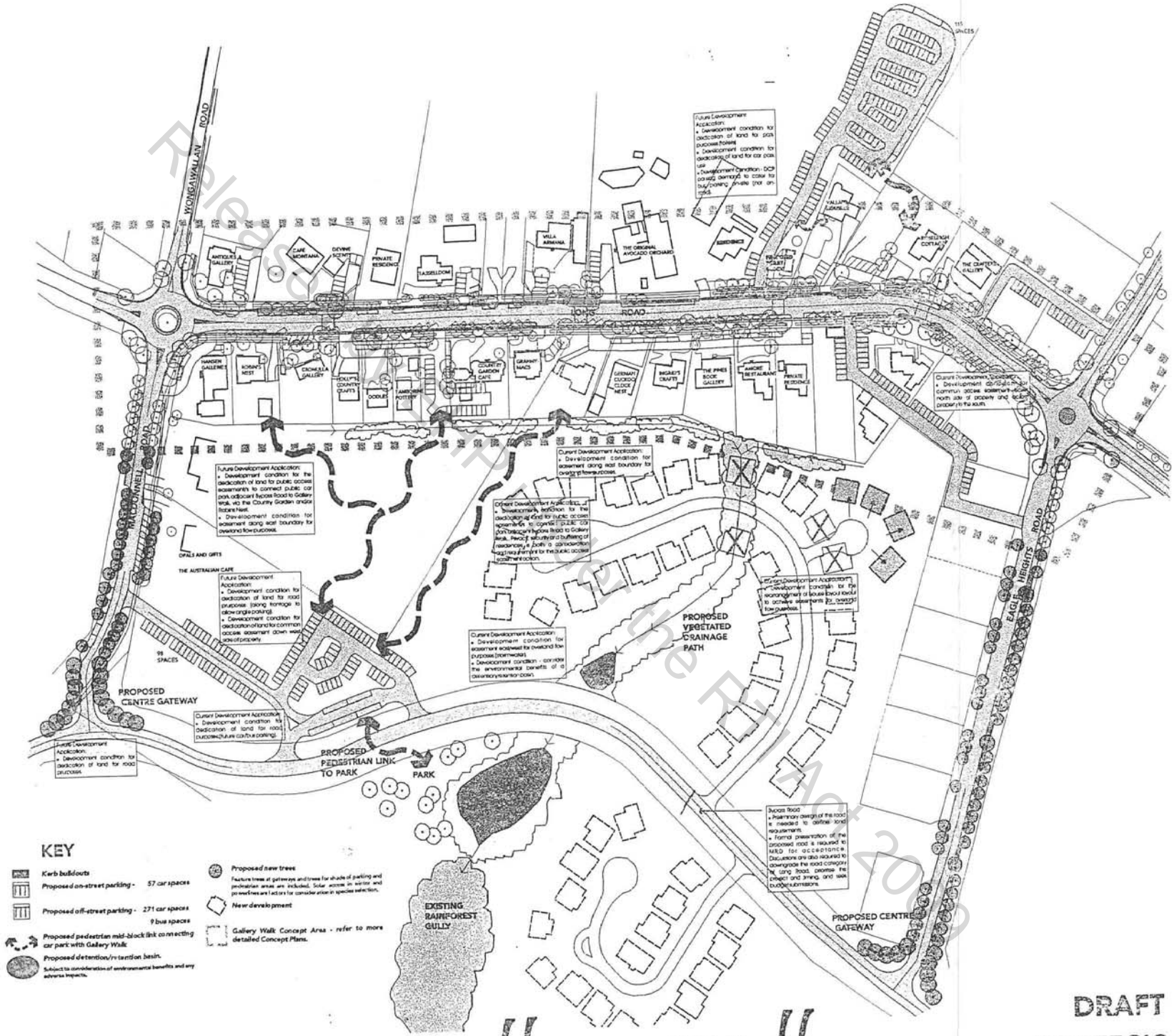
Groundwater was not encountered in any of the bore-holes constructed on the site.

Sch4p4(6) Signature

MICHAEL ROLLS
QUEENSLAND WASTEWATER MANAGEMENT

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1:2000
EAGLE HEIGHTS
LONG ROAD
MACDONNELL ROAD
DRIVE
COURT
MAZAMA
LSC MAP 9542 32133
JOINS 9542-3212A
Oxenford 20.5 km




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Taylex Queensland Pty Ltd
A.C.N. 054 304 817

14 Activity Crescent
Ernest Queensland 4214

Phone: (07) 5571 5122
Fax: (07) 5571 5133
Email: taylexql@onthenet.com.au

20th March 2001

Attention: Bob Gallagher
Department of Environment
Division of Environment
PO Box 155
Brisbane Albert Street Qld 4002

Dear Bob,

**Re: Application for a License to Install & Operate an Environmental Activity**

Taylex Queensland Pty Ltd for and on behalf of Actherd Pty Limited hereby make formal application for approval to install and operate an On-site Sewage Treatment Facility, together with associated Effluent Disposal pursuant to the requirements of the Environmental Protection Act 1994 and as subsequently amended.

**Form One – Development Application for an Environmental Relevant Activity**

1. Refer to completed Application Form.

2. The existing environment consists of undeveloped land on the corner of Eagle Heights Road and Macdonnell Road Eagle Heights. The land has been re-zoned by the Planning and Environmental Court on the 22nd August 1996 to Special Facilities – Older Persons Housing and Cottage Tourist Facility.

3. There are no water courses, dams or bores on or adjoining the land (refer attached Site Plan and photographs).

4. There are no hazardous materials or chemicals currently stored or previously stored on the land (refer Site and Soil Evaluation Report).

5. There are no Acid Sulphate Soils within or on adjoining land (refer attached Site and Soil Evaluation Report).

6. The proposed activity includes a two-stage development containing fifty-six (56) two bedroom Retirement Cottages. Details of the proposed

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Sewage Treatment System, effluent disposal including design calculations are attached.

7. Storm water generated from the development will be disposed of via a natural storm watercourse and is incorporated in the Master Development Plan implemented by Beaudesert Shire Council for the Eagle Heights area of Mount Tamborine.

8. The proposed Sewage Treatment System will over time accumulate partially digested wastes in the Primary Treatment Process. A Licensed Service Provider will monitor the accumulation of these wastes and any excess wastes will be removed by a Licensed Desludging Contractor and disposed of at a Licensed Receiving Depot as nominated by Beaudesert Shire Council.

9. There will be no release of any contaminates into the environment.

10. There will be no flammable, combustible, chemical or any other hazardous substances stored on Site.

11. The hours of operation of the Treatment System will be continuous in order to cater for the acceptance of Domestic Waste.

12. The application is in the name of Actherd Pty Limited, which is a duly incorporated Company within the State of Queensland.

13. From information provided it would appear that the Fee Payable is Five Hundred Dollars ($500.00) – (refer Item 15A) plus One Thousand, Five Hundred Dollars ($1,500.00) – (refer Item 15B of ERA Schedule 1).

14. The application is accompanied by plans, reports and calculations.

**Sewage Treatment – Environmentally Relevant Activity (ERA) 15a & h**

1. We have included calculations and a schematic flow diagram showing the proposed method of sewage treatment. Basically the process includes Primary, Secondary Pre-Treatment followed by Common Effluent Drainage Scheme to a Hydraulic Flow Balance Tank. From here the waste will be aerated at a controlled rate prior to clarification, sand filtration, and U.V. Sterilisation for disposal in the nominated Effluent Disposal Areas. This disposal will include both spray and shallow sub-surface irrigation. A wet-weather storage tank is also included.

2. The capacities of the sewage treatment systems are sized in accordance with AS/NZ 1547:2000, AS/NZ 1546:1998, and D.N.R. Code of Practise.

3. The location of Pump Stations are as shown on the plans and will include 100% Stand-by Facilities with Visual Alarms.

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4. A scale location plan is included together with extracts from the Brisbane/Gold Coast Referdex. There are no sensitive watercourses, water bores, wells or water supply catchments in the immediate area. There are no conservation areas in close proximity. There are no schools, kindergartens or childcare centres in close proximity, which would be affected by the proposed development. There are no hospitals or nursing homes in close proximity, which would be affected by the proposed development. There are no horticulture or other sensitive crop production, which would be affected by this proposed development.

5. A scaled site plan is included which details site boundaries, topography etc.

6. The Company responsible for the operation and maintenance of these systems is Taylex Queensland Pty Ltd including Taylex Clearwater 90 Pty Ltd, both Companies are registered and licensed by the Beaudesert Shire Council and all Service Personnel are licensed by the Plumbers and Drainers Licensing Board as Service Persons being defined in the Standard Sewage Law SL99 of 1998. Taylex Queensland Pty Ltd is a quality endorsed Company operating a quality management system to ISO 9001:1994 License No: 559.

Trust the above meets with your approval.

Sch4p4(6) Signature

LYLE B. WILLSHER
MANAGING DIRECTOR

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# Sci-Qual International Pty Ltd

hereby grants this

## Quality System Certificate of Registration

Number 559

to

## Taylex Queensland Pty Ltd

A.C.N. 054 304 817

14 Activity Crescent

Ernest Qld 4214

In recognition of the implementation of a quality system conforming to

## AS/NZS ISO 9001:1994

The Certificate of Registration is granted subject to the Regulations governing the certification scheme operated by Sci-Qual International Pty Ltd and in respect of goods or services described in the schedule hereto, bearing the same number as this certificate

Signed for and on behalf of
Sci-Qual International Pty Ltd

Sch4p4(6) Signature

MANAGING DIRECTOR

2 February 1999
Date of Issue

Certification Date
2 February 1999

JAS-ANZ

Re-certification Date
1 February 2002

[redacted]

Accreditation by the Joint Accreditation System of Australia & New Zealand, Acc.No. S1 210791AB

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# Schedule
# to
# Certificate of Registration

Capability in respect of which the Company is Registered:

**The Design, Manufacture, and Installation of Domestic, Commercial and Industrial Aerated Wastewater Treatment Plants, pump wells and grease traps.**

**ANZSIC Codes: 2851, 2869, 4122, 4231.**

Registration is specific to goods or services produced at or supplied from the location(s) shown on the certificate, and/or above.

Certification Number: 559

Certification Date: 2 February 1999

Sch4p4(6) Signature

Managing Director

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ALL COMMUNICATIONS TO
BE ADDRESSED TO THE
"CHIEF EXECUTIVE OFFICER"

COUNCIL CHAMBERS,
82 BRISBANE STREET,
BEAUDESERT QLD 4285
P.O. BOX 25
TEL: (07) 5540 5111
FAX: (07) 5541 4135

# BEAUDESERT SHIRE COUNCIL

IN REPLY PLEASE QUOTE
TJD:av
-30/04017 00000.0000

WHEN CONTACTING COUNCIL,
PLEASE ASK FOR
Mr T. Donovan
(07) 5540 5146

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7th February, 1997

Mr L.J. & Ms J. Cook
131 Long Road
EAGLE HEIGHTS QLD 4271

Dear Mr & Ms Cook,

RE: Rezoning application for land described as L2 RP231543 & L54 RP131356
Parish Tamborine

| | |
|---|---|
| From: | Part Rural & Part Residential Low Density |
| To: | Special Facilities |
| Owner: | L.J. & J. Cook |

I am pleased to advise that the Director of Local Government and Planning has notified Council that the above amendment to the Town Planning Scheme was published in the Government Gazette on 24th January, 1997.

Yours faithfully,

Sch4p4(6) Signature

G.W. Day
CHIEF EXECUTIVE OFFICER

IN THE PLANNING AND ENVIRONMENT COURT

HELD AT BRISBANE

QUEENSLAND

P&E Appeal No. 379 of 1995

BETWEEN: LAWRENCE JOHN COOK, JOSEPHINE COOK and ROBERT JOHN ERIC DAVIDSON

APPELLANTS

AND: BEAUDESERT SHIRE COUNCIL

RESPONDENT

ORDER

BEFORE: Hon. JUDGE O'SULLIVAN

THE 22ND DAY OF AUGUST 1996

IT IS ORDERED by consent

1. THAT orders be made in the following terms:-

I. Council approves the application to amend the Town Planning Scheme by rezoning L2 RP231543 and L54 RP131356 Parish Tamborine to "Special Facilities - Older Persons Housing and Cottage Tourist Facility", subject to the following conditions:-

(a) Development being undertaken generally in accordance with the amended site plan prepared by AusPacifik Design Engineers and submitted with correspondence from Slingsby & Cordingley, Solicitors, dated 30th May, 1996 together with elevations and correspondence dated 28th February, 1996 submitted by Brannock Humphreys, Planning and Environment Consultants, including the effluent disposal study dated May 1995 and correspondence dated 10th October, 1995 by AusPacifik, Design Engineers except insofar as it is modified by the conditions of this approval. Any modifications proposed by the Developer without lodgement of a further application under Section 4.3 of the Local Government

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(Planning and Environment) Act, shall be in accordance with Section 4.15 of the Local Government (Planning and Environment) Act (as amended), and to the satisfaction of the Director - Town Planning and Director - Design and Development.

(b) Transfer to Council as Trustee for Town Planning Purposes of sufficient road reserve for the proposed through road linking Macdonnell Road and Eagle Heights Road prior to release of approved building plans to the satisfaction of the Department of Transport and Council's Director - Design and Development.

(c) Provision of written evidence from the Department of Transport indicating compliance with the Department's conditions under Section 40 of the Transport Infrastructure Act 1994 (Reprint No. 4) and Section 134 of the Transport Operations (Passenger Transport) Act 1994 (Reprint No. 1) and in particular the construction of the access/intersection serving the development in Macdonnell Road and Eagle Heights Road.

(d) Roads shall be constructed to a minimum sealed gravel pavement standard, 5.6 metres wide with the exception of the proposed "through road" which shall be a sealed 7.4 metre road constructed in accordance with Council's Standards of Construction - Roads, adopted by Council by resolution, and to the satisfaction of the Department of transport and Council's Director - Design and Development.




(e) Submission of details of the driveway access within the proposed development. Details shall include plans indicating driveway widths, locations and dimensions of parking bays and identification of their proposed use. Longitudinal sections are required for all driveways and typical cross sections indicating cross falls and method of construction. The design shall conform to as AS 2890.1 - 1993. Details are to be submitted and approved by Council's Design and Development Department prior to the release of approved building plans.

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(f) Modification of the internal road layout to include a staggered rather than a cross intersection design to the satisfaction of the Department of Transport and Council's Director - Design and Development.

(g) Provision of access limitation strips along the road frontages of the proposed Eagle Heights Road/MacDonnell Road connection and that section of L54 RP131356 fronting Eagle Heights Road to the satisfaction of the Department of Main Roads and Councils Director - Design and frontages on all existing and proposed lots excepting those dedicated as parkland such that unauthorised access is prevented to road reserves. All associated costs to be met by the Developer.

(h) Demonstration to the satisfaction of the Director - Town Planning that the development will contain a majority of single storey detached dwelling type construction containing a variety of exterior roof and wall colour configurations, prior to the release of approved building plans. All new buildings and structures shall be painted or finished in colours compatible with the landscape, namely dusty green or other appropriate shades of green, greys or brown colours. The colours shall reflect the natural environment so as to minimise visual intrusion when viewed from external vantage points.

(i) Provision of Park generally as indicated on submitted plans referred to in (a) above. Such park is to be dedicated at such time as determined by Council.

(j) Construction to bitumen seal standard of the access road to the Cottage Tourist Facility for a distance of 50m to a design satisfactory to the Director - Design and Development and Department of Transport. Alternatively, should direct access to Macdonnell Road from the Cottage Tourist Facility be approved by the Department of Transport, an access limitation strip along the road frontage of the proposed Eagle Heights Road/Macdonnell Road connection shall be provided to the satisfaction of the Department of Transport and the Director - Design & Development.

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(k) Provision of an adequate water supply system to all the dwellings and the Cottage Tourist Facility to the satisfaction of Council's Director - Design and Development. Details are to be submitted on the method of providing an adequate supply of potable water for domestic use, water for fire fighting and irrigation to the development. Details are to be submitted and approved by the Director - Design and Development prior to the release of the approved building plans.

(l) The development shall not utilise ground water resources other than that which may be authorised by Council's Director - Design and Development.

(m) Submission of details of the proposed method of control and disposal of stormwater from the developed site. Details shall include the method of control of runoff from access roads, parking areas and roofs, and the design of the "Water Quality Pond" as indicated on drawings submitted with the application and which is required as an integral part of the stormwater management system.

Details of the proposed Water Quality Control Pond shall also include the method of limiting discharge so as to not exceed the undeveloped discharge from the catchment and the method of maintaining the quality of water which is stored and discharged from the pond.

Details of the proposed stormwater drainage system area are to be submitted and approved by the Director - Design and Development prior to the issue of building approval.




(n) Provision of Legal Stormwater Discharge to Council's satisfaction. Stormwater Drainage Discharge Easement in favour of the Council - easement documents referring to Memorandum Dealing No. 700153351 (filed in the Land registry) may be prepared by the Applicant. All documents shall be lodged by Council's Solicitors at the Applicant's cost.

(o) Submission of details of the proposed method of waste water treatment and disposal from the development. Details shall include

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the design loading for the proposed treatment plant and information on the quality of effluent produced. Details are required on the proposed method of disposal of effluent and sludge produced from the treatment plant including supporting soils analysis for an area designated as a disposal site.

(p) Details of the proposed method of waste water treatment and disposal shall be submitted and approved by Council's Design and Development Department prior to the release of approved building plans. (Note that details of the proposal will be referred to the Department of Environment and SEQWB for comment).

(q) Submission of details on the proposed methods of control of soil erosion during and after construction of the development. Details to be submitted and approved by Council's Design and Development Department prior to the release of the approved building plans.

(r) Provision of a landscape plan together with management guidelines, to the satisfaction of the Council's Director - Town Planning prior to issue of building approval, with particular reference to:

(i) The identification and preservation of existing vegetation where possible including the small strands of rainforest and cedar tree.

(ii) The through road including road side planting and the screening of adjoining residential areas.

(iii) The provision of a five (5) metre wide landscaped buffer strip located around the perimeter of the development site with the exception of the existing or proposed road reserves. Such landscaped strip to have regard to the maintaining of vistas across the site.

The land is to be landscaped with fast growing shrubs and trees together with grass or other ground cover approved by the Director - Town Planning. The trees and shrubs shall be of a type with a mature height ranging from two (2) to six (6) metres and shall be maintained in a sturdy and healthy condition with dead or diseased

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trees being replaced as soon as practicable. This landscaping is to be in accordance with the provisions of the Town Planning Scheme where applicable and to the satisfaction of the Council's Director - Town Planning. A detailed landscaping plan satisfactory to the Director - Town Planning is to be submitted prior to the issue of any building permits on the site.

(s) The submission and approval of a building application in accordance with the provisions of the Queensland Building Act 1975 and Building Code of Australia for all buildings and structures authorised by the approval.

(t) No advertising sign shall be erected, painted or displayed without Council approval pursuant to Chapter VIII - Signs and Signboards of Council's By-laws to the satisfaction of Council's Director - Environmental Health.

(u) All refuse shall be collected and disposed of in accordance with the refuse Management Regulations 1983 to the satisfaction of Council's Director - Environmental Health. The applicant shall ascertain the necessary requirements in writing prior to commencement of construction and/or use of such structures or activities so approved.

(v) Registration of each residential dwelling which is not owner occupied is required under Chapter 27 of Council's By-laws to the satisfaction of Council's Director - Environmental Health.

(w) Compliance with the definition "Cottage Tourist Facility" as contained within the town Planning Scheme for the whole of the Shire of Beaudesert as under:

"**Cottage Tourist Facility** - Any premises used or intended for use for the display and sale of arts, crafts, gifts, plants, souvenirs or the like and/or the serving of light refreshments to tourists or the general public, provided the activity is conducted according to the following conditions -

(a) does not create injury to or prejudicially affect the amenity of the neighbourhood, including (but without limiting the

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generality of the foregoing) injury or prejudicial affection due to the emission of noise, vibration, smell, fumes, smoke, vapour, steam, soot, ash, grit, oil, dust, waste water or waste products;

(b) the business is owned/leased by a person or persons living in a dwelling house on the same parcel of land as the business;

(c) does not employ more than the equivalent of four (4) full time employees;

(d) any material advertising the business (including signs on buildings or freestanding signs) to be limited to the equivalent of one (1) double-sided sign 2m2 in area on each side or one (1) single-sided sign 4m2 in area. The Director - Town Planning may allow a larger sign in circumstances where the existing vegetation on the site or the topography of the locality limit the visibility of the advertising material. The advertising material on the site is to be designed to be compatible with the existing character of the area and is not to be illuminated;

(e) does not use more than 150m2 within a building or more than 200m2 in total area;

(f) provides on-site car parking with the number of spaces being calculated on the basis of one (1) space for each 15m2 of building floor area used and, in addition, one (1) space for every four (4) seats of outdoor seating. In any case, a minimum of eight (8) on-site car parking spaces are to be provided for businesses which serve light refreshments and six (6) for those which do not;

(g) is not conducted between the hours of sunset and 8.00 am;

(h) provides at least one (1) male and one (1) female toilet for the use of customers and staff. In any event the provision of toilets shall satisfy the requirements of the Building Act 1975 (as amended) and the Workplace Amenities Act (as

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amended);

(i) achieves a high standard of presentation which is compatible with the existing character of Tamborine Mountain;

(j) is located within the area covered by the Tamborine Mountain Development Control Plan.

The term does not include a general store, home industry or occupation, shop, shopping centre or tourists facility as defined herein;"

(x) The site being at all times maintained in a clean and tidy condition to the satisfaction of the Council.

(y) No vehicles under the control of the occupier or his staff being parked other than on the subject site.

(z) The loading and unloading of vehicles and delivery of goods to and from the premises being carried out within the curtilage of the site at all times.

(aa) The Applicant shall lodge a detailed scaled site plan to Council which shall be to the satisfaction of Council's Director - Town Planning and Director - Design and Development. Such Plan shall be substantially the same as the submitted concept plan other than changes necessitated by conditions of this approval otherwise Council reserves the right to amend its decision and/or conditions of approval.

II Each party to bear their own costs.

2. THAT this matter be removed from the pending cases list.

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BY THE COURT

DEPUTY REGISTRAR

DISTRICT COURT REGISTRY BRISBANE

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# Certificate of Registration of a Company

AUSTRALIAN SECURITIES COMMISSION

Corporations Law Sub-section 121(1)

This is to certify that

**ACTHERD PTY. LIMITED**

**Australian Company Number 080 538 610**

is a registered company under Division 1 of Part 2.2 of the Corporations Law of Queensland and because of its registration it is an incorporated company.

The company **is limited by shares.**

The company is a **proprietary** company.

The day of commencement of registration is **the twenty-seventh day of October 1997.**

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Given under the seal of the Australian Securities Commission on this twenty-seventh day of October, 1997.

AUSTRALIAN SECURITIES COMMISSION COMMON SEAL

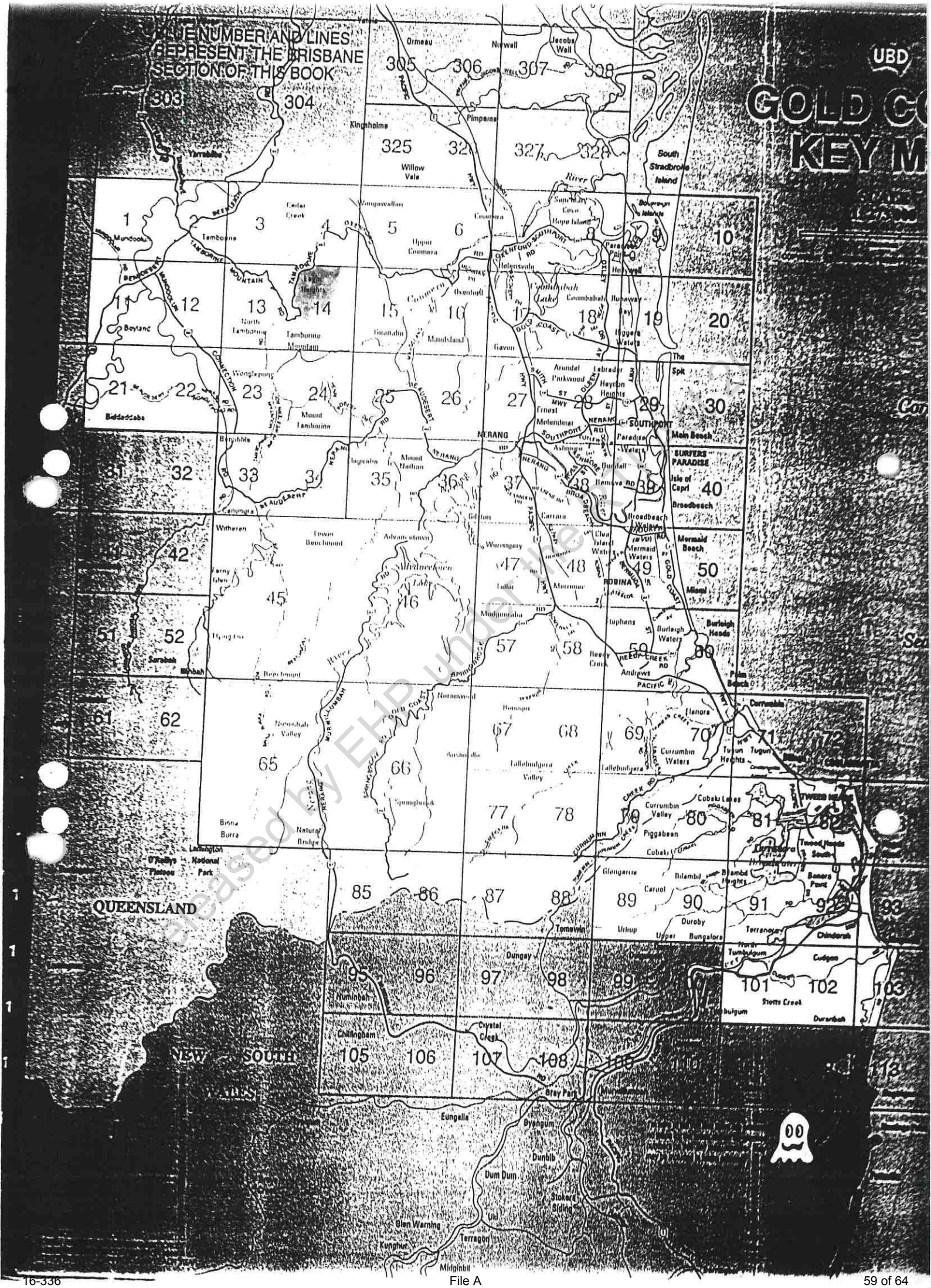
Sch4p4(6) Signature

Alan Cameron
Chairman

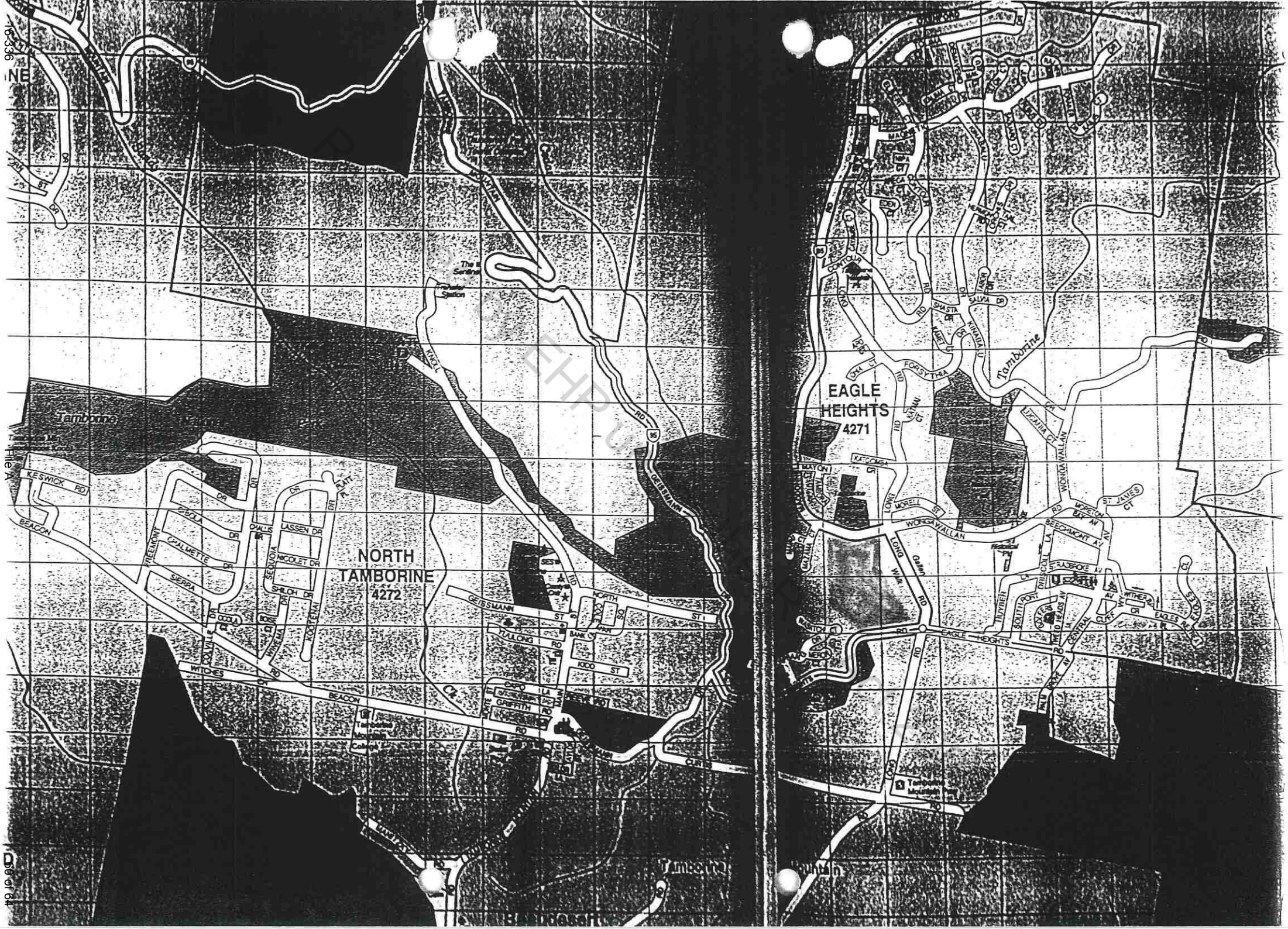
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Sch4p4(6) Signature

EP (CDEC)




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NORTH
TAMBORINE
4272
EAGLE
HEIGHTS
4271
Tamborine
KLEWICK RD
BEACON
FREEMONT
OWALLA
SIERRA
SEQUOIA
SHILOH
WITCHES
GEISSMANN
KUILONG
NORTH
KIDDO
BANK
GARFFITH
LONG
WONGA WALLAN
EAGLE HEIGHTS
CONTOLA
SHASTA
SALVIA
KINNIDJALU
FORSYTHIA
LYCANTHA
WOMBOON
ST JAMES
BEECHMONT
DILLICOLL
CLIFF
EAGLES
CENTRAL
TEWINBAR
BOXTHORN
Tamborine Mountain College

DESIGN CALCULATIONS – STAGE 1

OLDER PERSONS HOUSING AND COTTAGE TOURISM FACILITY

37 UNITS = 74 BEDROOMS = 148 PERSONS (110 L/c/d)

148 × 110 = 16280 LITRES PER DAY

TOTAL SEPTIC TANK CAPACITY = 148 × 450 = 66600 LITRES

USING 9 MAXI TANKS TYPE C = 9 × 6100 = 54900 LITRES

USE INLET FLOW BALANCE TANK PUMPWELL = 20000 " "

MAXIMUM CAPACITY = 74900 LITRES

B.O.D$^5$ LOADING ASSUME 50 gms / PERSON / DAY

50 × 148 = 7.40 kg BOD$^5$ / DAY AT INLET

ALLOW 30% REDUCTION THRU SEPTIC + 30% REDUCTION THRU TAYLEX A100 OUTLET SEPTIC TANK FILTER

HENCE BOD$^5$ LOADING PRIOR TO AERATION = 3.62 kg

SIZE OF AERATION TANK = 50% DAILY FLOW × 2000 Lt / kg BOD$^5$

= 16280 ÷ 2 × 2 × 3.62

= 8140 + 7240 = 15380 Ltr

BIO MASS SURFACE AREA = 80 m$^2$ / kg B.O.D$^5$

= 80 × 3.62 = 289.6 m$^2$

CAPACITY / HR AT PEAK = 16280 ÷ 24 = 678 Ltr

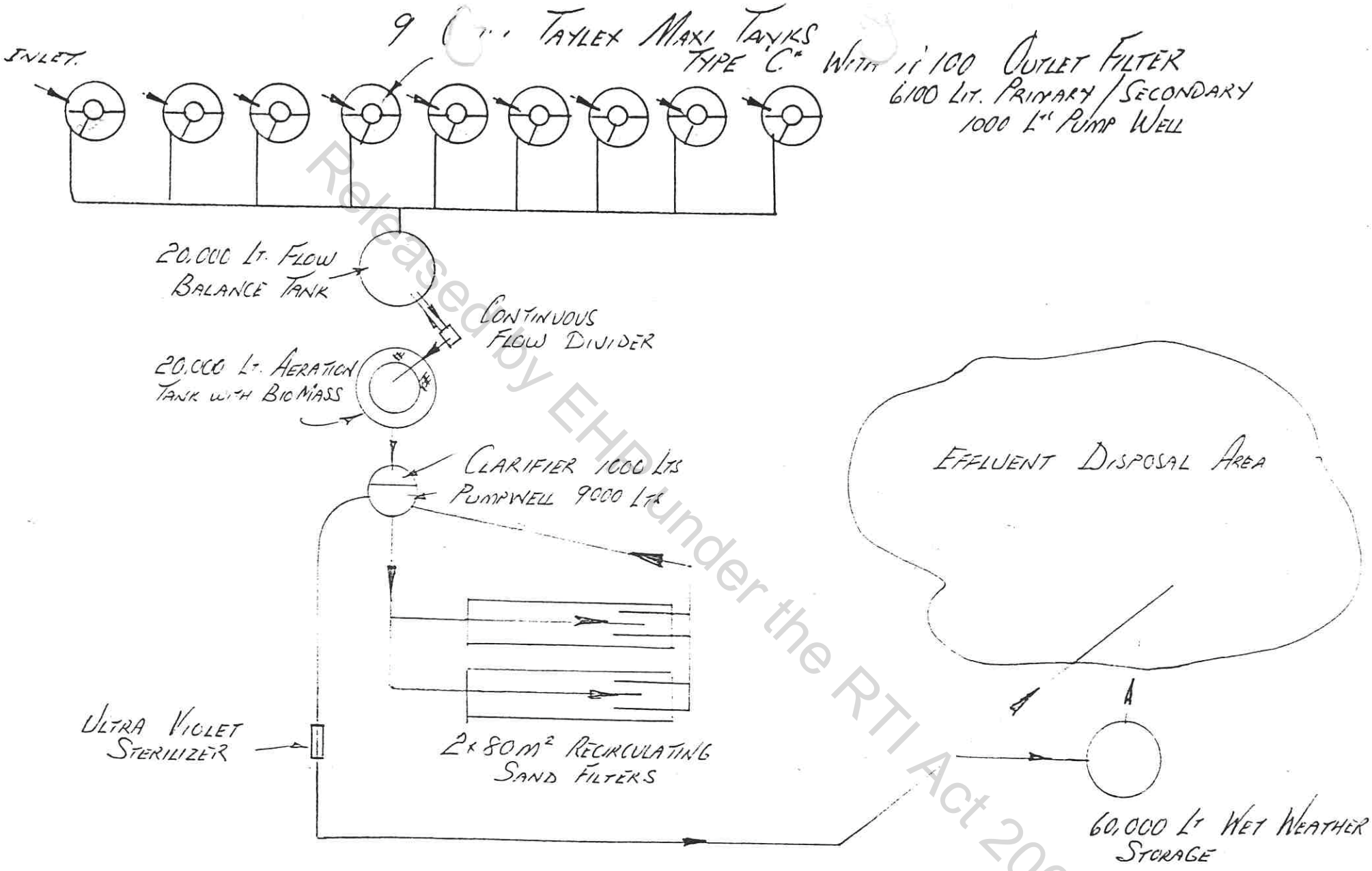
OUTLET PUMPWELL = 12 HOURS OR 50% DAILY FLOW

= 16280 ÷ 2 = 8140 LITRES

AIR REQ'D TO MAINTAIN DO$^2$ LEVEL OF 5 mg / Lt BASED ON O$^2$ TRANSFER EFFICIENCY OF 10% = 578 LITRES / MIN

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SCHEMATIC FLOW DIAGRAM

STAGE 1

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File A

# Design Calculations Stage 2

Older Persons Housing and Cottage Tourism Facility

19 Units = 38 Bedrooms = 76 Persons

Using Tank water for consumption plus water saving devices

Allow 110 Litres / Person

76 × 110 = 8360 Litres / Day

Total Septic Tank Capacity = 76 × 450 = 34200 Lt

Using 5 Maxi Tanks Type C = 5 × 6100 = 30500 Lt

Plus inlet flow balance tank 10,000 Lt

Total Capacity = 40500 Lt

B.O.D.5 Loading Assume 50 gm / Person / Day

50 × 76 = 3.8 Kg

Allow 30% thru tank + 30% thru filter

= 1.862 Kg B.O.D.5 per Day

Size of Aeration Tank = 50% Daily Flow × 2m² / Kg B.O.D.5

= 8360 ÷ 2 × 2 × 1.862

= 4180 + 3724 = 7904 Litres

To Max Surface Area = 80 m² / Kg B.O.D.5

= 80 × 1.862

= 148.96 m²

Clarifier 1 Hr at Peak = 8360 ÷ 24 = 348 Litres

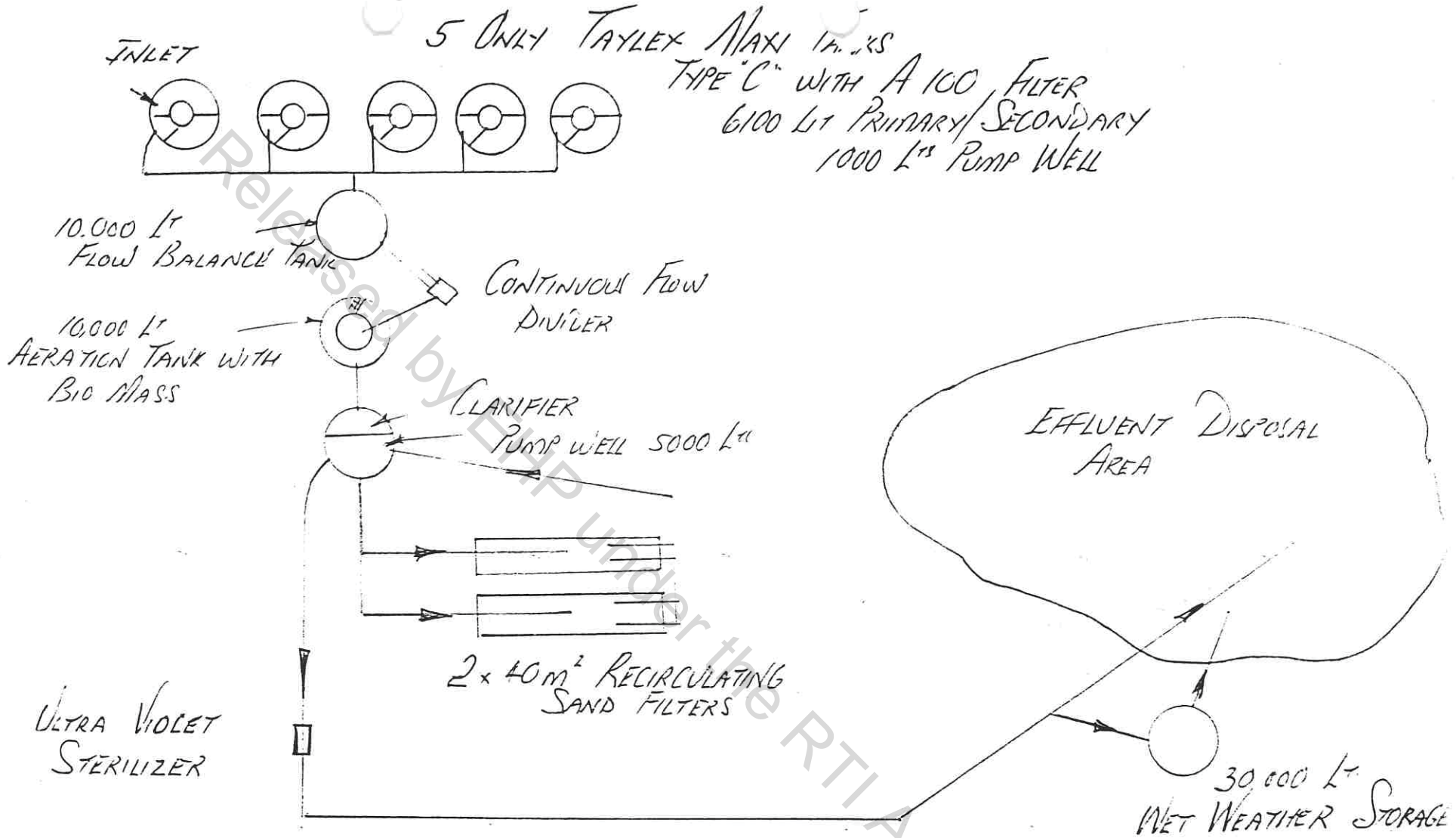
Outlet Removal = 12 Hours or 50% Daily Flow

= 8360 ÷ 2 = 4180 Litres

Air Req'd to Maintain DO Level of 5 mg / Lt = 252 Lit / Min

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SCHEMATIC FLOW DIAGRAM

STAGE 2

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File A