ecoaccess
environmental licences and permits

COPY

Registration certificate

Environmental Protection Act 1994

Certificate of Registration

No: ENRE00661907

This registration certificate is issued by the administering authority and takes effect from: 05-JAN-2011.

The anniversary day for the purposes of the Annual Return remains: 4 February.

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:-
Binna Burra Lodge Ltd
Binna Burra Mountain Lodge
Binna Burra Road
BINNA BURRA QLD 4211

Place:-
Lot 1 Plan RP124596, Lot 1 Plan RP171126, Lot 3 Plan RP124596

Located at:-
Binna Burra Road,BEECHMONT QLD 4211

Registered Activity/ies: -
ERA 63 Sewage treatment Threshold 2(b) - operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 to 1500EP (i) if treated effluent is discharged to an infiltration trench or through an irrigation scheme

C. E. Birt

Cathy Birt
Delegate
Administering authority
Environmental Protection Act 1994
05-JAN-2011

ecoaccess
environmental licences and permits

Development Approval

Section 621(4) *Environmental Protection Act 1994*

EPA Development Application (Converted Development approval) number:	ENDC00662007 SR818
Relevant Laws and Policies:	*Environmental Protection Act 1994* and subordinate legislation

Development Description:

Carrying out of Environmentally Relevant Activity (ERA):

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:

Lot 1 RP171126, Lot 1 RP124596, and Lot 3 RP124596,

located at:

Binna Burra Road
BEECHMONT QLD 4211

The environmentally relevant activity must be constructed, operated and maintained in accordance with the conditions as set out in the attached schedule of conditions.

Further development permits required

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*.

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

18/4/07

Appeal

This development approval is issued pursuant to section 621 of the *Environmental Protection Act 1994*. The rights of review and appeal are attached to this notice.

This development approval takes effect 10 business days after you receive this notice, or if there is an appeal from the day the appeal is finally decided or is otherwise ended.

Signed

18 April 2007
Date

Lawrie Wade
Manager
Delegate of Administering Authority
Environmental Protection Act 1994

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

Schedule of conditions

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

This development approval consists of the following schedules -

Schedule A - General Conditions

Schedule B - Air

Schedule C - Water

Schedule D - Stormwater Management

Schedule E - Land Application

Schedule F - Noise

Schedule G - Waste Management

Schedule H - Self Monitoring and Reporting

Schedule I - Definitions

Anne 18/4/02

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

SCHEDULE A - GENERAL CONDITIONS

Maintenance of Plant and Equipment

(A1) The registered operator must:

(i) install all plant and equipment necessary to ensure compliance with the conditions of this development approval; and
(ii) maintain such plant and equipment in a proper and efficient condition; and
(iii) operate such plant and equipment in a proper and efficient manner.

In this condition, "plant and equipment" includes:

(i) plant and equipment used to prevent and/or minimise the likelihood of environmental harm being caused;
(ii) devices and structures to contain foreseeable escapes of contaminants and waste;
(iii) vehicles used to transport waste;
(iv) devices and structures used to store, handle, treat and dispose of waste;
(v) monitoring equipment and associated alarms; and
(vi) backup systems that act in the event of failure of the primary system.

Display of Development Approval

(A2) A copy of this development approval must be kept in a location readily accessible to personnel carrying out the activity.

Trained Operators

(A3) All persons engaged in the conduct of the activity, including but not limited to employees and contract staff, must be:

(i) trained in the procedures and practices necessary to:

(a) comply with the conditions of this development approval, and
(b) prevent environmental harm during normal operation and emergencies; or

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

Records

(A4) Any record or document required to be kept by a condition of this development approval must be kept at the place to which this development approval relates for a period of at least five (5) years and be available for examination by an authorised person. The record retention requirements of this condition will be satisfied if any daily and weekly records are kept for a period of at least three (3) years and these records are then kept in the form of annual summaries after that period.

Alterations

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

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

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

Calibration

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

Site-Based Management Plan

(A7) By 1 December 1998, the registered operator, must develop and implement an effective and appropriate Site-based Management Plan which details how the registered operator will manage the actual and potential environmental impacts resulting from the carrying out of the environmentally relevant activity.

(A8) The Site-based Management Plan must address at least the following matters:

(i) routine operating procedures to prevent or minimise environmental harm, however occasioned or caused during normal operations;
(ii) maintenance practices and procedures;
(iii) contingency plans and emergency procedures to deal with foreseeable risks and hazards including corrective responses to prevent and mitigate environmental harm (including any necessary site rehabilitation);
(iv) monitoring of the release of contaminants into the environment including procedures, methods, record keeping and notification of results;
(v) assessment of the environmental impact of any releases of contaminants into the environment including procedures, methods, record keeping and notification of results;
(vi) handling of environmental complaints;
(vii) keeping and production of environmental records and reports;
(viii) lines and methods of communication to be utilised for communication of procedures, plans, incidents, potential environmental problems and results, including a feedback mechanism to ensure that management is made aware of potential environmental problems and any failure of procedures adopted; and
(ix) staff training and awareness of environmental issues related to the operation of the environmentally relevant activities, including responsibilities under the Environmental Protection Act.

(A9) A copy of the Site-based Management Plan and any subsequent amendment of the Site-based Management Plan must be kept at the place to which this development approval relates and be available for examination by an authorised person on request.

END OF CONDITIONS FOR SCHEDULE A

Schedule B - Air

Noxious or Offensive Odour

(B1) Notwithstanding any other condition of this development approval, no release of contaminants from the place to which this development approval relates is to cause a noxious or offensive odour beyond the boundaries of the place to which this development approval relates.

END OF CONDITIONS FOR SCHEDULE B

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

Schedule C - Water

Release of Contaminants to Waters

(C1) Contaminants that will or may cause environmental harm must not be directly or indirectly released from the place to which this development approval relates to any waters or the bed and banks of any waters except:

(i) as permitted under the water schedule; or
(ii) as permitted under the stormwater management schedule; or
(iii) to a sewer as permitted or otherwise agreed from time to time by the relevant Local Government.

(C2) The only contaminants permitted to be released from the place to which this development approval relates at the release point W1 are sewage effluents from the treatment plant.

Release Point

(C3) Contaminants must not be directly or indirectly released from any source on the place to which this development approval relates to any waters at any location other than the contaminants and sources at the locations listed below:

Release Point W1 - Sewage effluents from the treatment plant discharged to a dispersion area adjacent to the cliff face.

Quantity of Contaminants Released

(C4) The total quantity of contaminants released from release point W1 during any dry weather day must not exceed 100 cubic metres and in any day must not exceed 200 cubic metres.

Quality Characteristics Of Release to Waters

(C5) The release of contaminants to waters must comply, at the sampling and in-situ measurement point specified in schedule H, with each of the limits specified in schedule C - Table 1 for each quality characteristic.

SCHEDULE C - TABLE 1 - RELEASE QUALITY CHARACTERISTIC LIMITS

QUALITY CHARACTERISTICS	RELEASE LIMIT	LIMIT TYPE
5-day Biochemical Oxygen Demand (inhibited)	20 mg/L	80 percentile
5-day Biochemical Oxygen Demand (inhibited)	40 mg/L	maximum
Suspended Solids	30 mg/L	80 percentile
Suspended Solids	60 mg/L	maximum
pH (pH Units)	6.5 to 8.5	range

(C6) Notwithstanding the quality characteristic limits specified in schedule C - Table 1, the release of contaminants to waters must comply with the following qualitative characteristics:

(i) the release must not have any properties nor contain any organisms or other contaminants which are capable of causing environmental harm.

END OF CONDITIONS FOR SCHEDULE C

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

Schedule D – Stormwater Management

Contaminant Releases Caused by Rainfall

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

Stormwater Management Plan

(D2) The registered operator must:

(i) develop and implement a stormwater management plan which provides for the following functions:
  (a) avoidance or minimisation of contaminated stormwater; and
  (b) reuse, treatment and disposal of contaminated stormwater; and

(ii) on or before 1 December 1998, have completed and implemented the stormwater management plan.

(D3) A copy of the Stormwater Management Plan must be kept at the place to which this development approval relates.

Spillage and Cleanup

(D4) Any spillage of wastes, contaminants or other materials must be cleaned up as quickly as practicable. Such spillages must not be cleaned up by hosing, sweeping or otherwise releasing such wastes, contaminants or material to any stormwater drainage system, roadside gutter or waters.

END OF CONDITIONS FOR SCHEDULE D

Schedule E – Land Application

Release of Contaminants to Land

(E1) The defined contaminant release areas are described as the sludge stockpile area of the place to which this development approval relates.

Description of Contaminants

(E2) The only contaminants allowed to be released to land from the carrying out of the activity on the place to which this development approval relates are dried sludges from the sewage treatment plant.

Provision of Treated Effluent to other Person(s)

(E3) The quality of treated sewage effluent given to another person for irrigation purposes must comply, at the sampling and in-situ measurement point specified in schedule H of the self monitoring and reporting schedule, with each of the release limits specified in schedule C - Table 1 of the water schedule and with schedule E - Table 1 for each quality characteristic.

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

SCHEDULE E - TABLE 1 - RELEASE QUALITY CHARACTERISTIC LIMITS

QUALITY CHARACTERISTICS	RELEASE LIMIT	LIMIT TYPE
Dissolved Oxygen	2.0 mg/L	minimum
Free Chlorine Residual	0.7 mg/L	maximum
Faecal Coliforms	1000 organisms per 100 mL as a median value (minimum of 5 samples taken at not less than half-hourly intervals in any one day, with 4 out of the 5 samples containing less than 4000 organisms per 100 mL)	

(E4) If the registered operator gives or transfers ownership of the treated sewage effluent to another person(s), the registered operator must:

(i) prior to giving such effluent or transferring ownership of such effluent to that person(s), obtain from that person details of how that person intends to comply with the general environmental duty provided for by Section 36 of the Act in respect of the use and disposal of such effluent, particularly in relation to environmental sustainability of any effluent disposal, protection of public health and protection of environmental values of waters; and

(ii) only give or transfer ownership of such effluent in accordance with a written agreement between the registered operator and that person(s); and

(iii) upon becoming aware that the person is not or is not likely to comply with the general environmental duty provided by Section 36 of the Act, cease the giving and transferring ownership of such effluent, as the case may be.

Contaminant Release Precautions at the Authorised Place

(E5) The contaminant release areas must not be used for grazing, recreational activities or as a traffic thoroughfare.

END OF CONDITIONS FOR SCHEDULE E

Schedule F - Noise

Emission of Noise

(F1) In the event of a complaint about noise that constitutes annoyance being made to the administering authority, that the administering authority considers is not frivolous or vexatious, then the emission of noise from the place to which this development approval relates must not result in levels greater than those specified in schedule F - Table 1.

SCHEDULE F - TABLE 1

NOISE LIMITS AT A NOISE SENSITIVE PLACE	
Period	***Noise Level at a Noise Sensitive Place Measured as the Adjusted Maximum Sound Pressure Level*** $L_{Amax\ adj,\ T}$
7 am - 6 pm	Background noise level plus 5 dB(A)
6 pm - 10 pm	Background noise level plus 5 dB(A)
10 pm - 7 am	Background noise level plus 3 dB(A)
NOISE LIMITS AT A COMMERCIAL PLACE	

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

Period	*Noise Level at a Commercial Place measured as the Adjusted Maximum Sound Pressure Level* $L_{Amax\ adj,\ T}$
7 am - 6 pm	Background noise level plus 10 dB(A)
6 pm - 10 pm	Background noise level plus 10 dB(A)
10 pm - 7 am	Background noise level plus 8 dB(A)

END OF CONDITIONS FOR SCHEDULE F

Schedule G – Waste Management

General

(G1) The registered operator must not:

(i) allow waste to burn or be burnt at or on the place to which this development approval relates; nor

(ii) remove waste from the place to which this development approval relates and burn such waste elsewhere.

Waste Management Plan (WMP)

(G2) By 1 December 1998, the registered operator must develop and implement an effective and appropriate Waste Management Plan which details how the registered operator will manage the actual and potential environmental impacts resulting from all wastes produced at the place to which this development approval relates.

(G3) The Waste Management Plan must address at least the following matters:

(i) the quantity and nature of each waste produced;
(ii) the current method of disposal;
(iii) proposed methods of pre-treatment or disposal;
(iv) expected reduction in quantity of waste produced through waste minimisation and cleaner production;
(v) investigation and evaluation of alternative treatment options which shall include at least the following:

(a) cleaner production technologies; and
(b) disposal and/or reuse of sludge; and
(c) reporting the results of any investigation and evaluation to the administering authority; and

(vi) provisions for carrying out and submitting to the administering authority a waste audit by 12 months from the date of issue of this development approval and thereafter every five (5) years; and
(vii) sludge management with reference to the principles as outlined in the Department of Environment's "Environmental Guidelines - Sludge Disposal E86" or any update of this reference.

(G4) A copy of the Waste Management Plan and any subsequent amendment of the Waste Management Plan must be kept at the place to which this development approval relates and be available for examination by an authorised person on request.

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

19/4/02

Off Site Movement

(G5) Where regulated waste is removed from the place to which this development approval relates (other than by a release as permitted under another schedule of this development approval), the registered operator must monitor and keep records of the following:

(i) the date, quantity and type of waste removed; and
(ii) name of the waste transporter and/or disposal operator that removed the waste, and
(iii) the intended treatment/disposal destination of the waste.

(NOTE: Records of documents maintained in compliance with a waste tracking system established under the Environmental Protection Act 1994 or any other law for regulated waste will be deemed to satisfy this condition.)

Notification of Improper Disposal Of Regulated Waste

(G6) If the holder registered operator becomes aware that a person has removed regulated waste from the place to which this development approval relates and disposed of the regulated waste in a manner which is not authorised by this development approval or improper or unlawful, then the registered operator must, as soon as practicable, notify the administering authority of all relevant facts, matters and circumstances known concerning the disposal.

END OF CONDITIONS FOR SCHEDULE G

Schedule H – Self Monitoring and Reporting

Complaint Recording

(H1) All complaints received by the registered operator relating to releases of contaminants from operations at the place to which this development approval relates must be recorded in a log and kept with the following details:

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

Monitoring of Contaminant Releases to Waters

(H2) The registered operator is responsible for the making of determinations and keeping of records of the quality of the contaminants released for the release point, quality characteristics, and at the frequency specified in schedule H - Table 1:

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

Jack 18/4/02

Schedule H - Table 1

Quality Characteristic	Units	Release Point W1 Frequency
5-day Biochemical Oxygen Demand (inhibited)	mg/L	Quarterly
Suspended Solids	mg/L	Quarterly
pH	pH scale	Quarterly
Total Nitrogen (as Nitrogen)	mg/L	Quarterly
Total Phosphorus (as Phosphorus)	mg/L	Quarterly

Sampling and Monitoring Point Details

(H3) Determinations of the quality of contaminants released to waters to check conformity with the release quality characteristics specified in schedule C of this development approval must be undertaken at the sampling and in-situ measurement point described as at the discharge point from the clarifier.

Quality Determinations

(H4) All determinations of the quality of contaminants released to waters must be made in accordance with methods prescribed in the Department of Environment Water Quality Sampling Manual, 2nd Edition, February 1995, or more recent additions or supplements to that document as such become available.

(H5) All determinations of the quality of contaminants released must be performed by a person or body possessing appropriate experience and qualifications to perform the required measurements.

Monitoring of Volume of Release

(H6) The daily quantity of contaminants released must be determined or estimated by an appropriate method, for example, a flowmeter.

(H7) Records must be kept of the results of all determinations of the daily quantity of contaminants released to waters.

Noise Monitoring

(H8) For the purposes of investigating any complaint made about noise annoyance and also of checking compliance with condition F1, monitoring and recording of the noise levels from the activity/activities must be undertaken for the following descriptions, characteristics and conditions:

(i) $L_{Amax,\ adj\ T}$
(ii) $L_{Abg,\ T}$ (or $L_{A90,\ T}$);
(iii) $L_{AN,\ T}$ (where N equals statistical levels of 1, 10, 50, 90 and 99);
(iv) Max $L_{pA\ T}$;
(v) $L_{Aeq,\ T}$,
(vi) the level and frequency of occurrence of impulsive or tonal noise;
(vii) atmospheric conditions including temperature, relative humidity and wind speed and direction; and
(viii) effects due to extraneous factors such as traffic noise.

(H9) The method of measurement and reporting of noise levels must comply with the Department of Environment and Heritage Noise Measurement Manual, second edition, March 1995, or more recent additions or supplements to that document as become available.

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

(H10) The measurement and reporting of noise levels must be undertaken by a person or body possessing appropriate experience and qualifications to perform the required measurements.

(H11) In conjunction with the measurement and recording of the noise, the following parameters and conditions must be recorded:

(i) location, date and time of recording.

(H12) Monitoring must also be undertaken to investigate any complaint of noise annoyance upon receipt of a written request from the administering authority to carry out such monitoring.

Incident Recording

(H13) A record must be maintained of events including but not limited to:

(i) the time, date and duration of equipment malfunctions, that may affect the environmental performance of the place to which this development approval relates; and
(ii) any shut-downs of equipment upon which the environmental performance of the place to which this development approval relates depends.

Notification of Emergencies and Incidents

(H14) As soon as practicable after becoming aware of any emergency or incident which results in the release of contaminants not in accordance, or reasonably expected to be not in accordance with the conditions of this development approval, the registered operator must notify the administering authority of the release by telephone or facsimile.

(H15) The notification of emergencies or incidents as required by condition H14 must include but not be limited to the following:

(i) the registered operator;
(ii) the location of the emergency or incident;
(iii) the number of the development approval;
(iv) the name and telephone number of the designated contact person;
(v) the time of the release;
(vi) the time the registered operator became aware of the release,
(vii) the suspected cause of the release;
(viii) the environmental harm caused, threatened, or suspected to be caused by the release; and
(ix) actions taken to prevent further any release and mitigate any environmental harm caused by the release.

(H16) Not more than 14 days following the initial notification of an emergency or incident, the registered operator must provide written advice of the information supplied in accordance with condition H15 in addition to:

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

(H17) As soon as practicable, but not more than six weeks following the conduct of any environmental monitoring performed in relation to the emergency or incident, which results in the release of contaminants not in accordance, or reasonably expected to be not in accordance with the conditions of this development approval, the registered operator must provide written advice of the results of any such monitoring performed to the administering authority.

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

Exception Reporting

(H18) The registered operator must notify the administering authority in writing of any monitoring result which indicates a breach of any approval condition within 28 days of completion of analysis.

(H19) The written notification required by condition H18 above must include:

(i) the full analysis results; and
(ii) details of investigation or corrective actions taken; and
(iii) any subsequent analysis.

Monitoring Reporting

(H20) The registered operator must ensure that the results of all monitoring performed in accordance with this development approval for the period covered by the return are submitted with the annual return.

END OF CONDITIONS FOR SCHEDULE H

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

Schedule I - Definitions

(I1) For the purposes of this development approval any term not otherwise defined in the Act and any subordinate legislation made pursuant to the Act or in the definitions schedule of this development approval has the meaning conferred to that term in its common usage.

(I2) In the event of any inconsistency arising between the meaning of any term provided in the definitions schedule of this development approval and any common usage of that term, the meaning conferred in the definitions schedule of this development approval prevails.

For the purposes of this development approval the following definitions apply:

(I3) "Act" means the Environmental Protection Act 1994.

(I4) "administering authority" means the Environmental Protection Agency or its successor.

(I5) "authorised person" means a person holding office as an authorised person under an appointment under the Environmental Protection Act 1994 by the chief executive or chief executive officer of a local government.

(I6) "land" in the land application schedule, means land excluding waters and the atmosphere.

(I7) "mg/L" means milligrams per litre.

(I8) "dry weather day" refers to a day during which no rainfall is recorded at any rainfall measuring station recognised by the Commonwealth Bureau of Meteorology within the sewered area connected to the sewage treatment plant, or if no such measuring station exists, at the nearest such station to the sewage treatment plant. The term also excludes days during which recorded rainfall over the three preceding days exceeds 100 mm.

(I9) "annoyance" - In determining what constitutes "annoyance", regard must be had to Australian Standard 1055.2 - 1989 Acoustics - Description and Measurement of Environmental Noise Part 2 - Application to Specific Conditions.

(I10) "80 percentile compliance" means that not more than three (3) of the measured values of the quality characteristic are to exceed the stated release limit for any twelve (12) consecutive samples where:

(i) the consecutive samples are taken over a one (1) year period;
(ii) the consecutive samples are taken at approximately equal periods; and
(iii) the time interval between the taking of each consecutive sample is not less than twenty-five days.

(I11) "maximum" means that the measured value of the quality characteristic or contaminant must not be greater than the release limit stated.

(I12) "minimum" means that the measured value of the quality characteristic or contaminant must not be less than the release limit stated.

(I13) "range" means that the measured value of the quality characteristic or contaminant must not be greater than the higher release limit stated nor less than the lower release limit stated.

(I14) "$L_{Amax\ adj,\ T}$" means the average maximum A-weighted sound pressure level, adjusted for noise character and measured over a time period of not less than 15 minutes, using Fast response.

(I15) "background noise level" means either:

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

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

$L_{Abg,\,T}$ being the arithmetic average of the minimum readings measured in the absence of the noise under investigation during a representative time period of not less than 15 minutes, using Fast response.

(I16) "Max$L_{pA\,T}$" means the maximum A-weighted sound pressure level measured over a time period of not less than 15 minutes, using Fast response.

(I17) "total Nitrogen" means the sum of Organic Nitrogen, Ammonia, Nitrite plus Nitrate, as mg/L of Nitrogen.

(I18) "total Phosphorus" means the sum of the reactive phosphorus, acid-hydrolysable phosphorus and organic phosphorus, as mg/L of Phosphorus. This includes both the inorganic and organic fraction of phosphorus.

(I19) "commercial place" means a place used as an office or for business or commercial purposes.

(I20) "noise sensitive place" means -

(i) a dwelling, mobile home or caravan park, residential marina or other residential premises; or
(ii) a motel, hotel or hostel; or
(iii) a kindergarten, school, university or other educational institution; or
(iv) a medical centre or hospital; or
(v) a protected area; or
(vi) a park or gardens

(I21) "regulated waste" means non-domestic waste mentioned in Schedule 8 of the Environmental Protection (Interim) Regulation 1995, including but not limited to, for the purpose of this approval, bacterial sludge (septic tank and sewage) and includes-

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

END OF DEFINITIONS FOR SCHEDULE I

END OF CONDITIONS

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