

Permit

Environmental Protection Act 1994

Environmental authority EPPR00513113

This environmental authority is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

Environmental authority number: EPPR00513113

Environmental authority takes effect on 15 November 2018

Environmental authority holder(s)

Name(s)	Registered address
SUNDALE LTD	35 Doolan Street NAMBOUR QLD 4560

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
Prescribed ERA, ERA 63 - Sewage Treatment, 1: Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of, (a-i) 21 to 100EP if treated effluent is discharged from the works to an infiltration trench or through an irrigation scheme	Lot 1/CG2729

Additional information for applicants

Environmentally relevant activities

The description of any environmentally relevant activity (ERA) for which an environmental authority (EA) is issued is a restatement of the ERA as defined by legislation at the time the EA is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an EA as to the scale, intensity or manner of carrying out an ERA, the conditions prevail to the extent of the inconsistency.

An EA authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the EA specifically authorises environmental harm.

A person carrying out an ERA must also be a registered suitable operator under the Environmental Protection Act 1994 (EP Act).

Contaminated land

It is a requirement of the EP Act that an owner or occupier of contaminated land give written notice to the administering authority if they become aware of the following:

- the happening of an event involving a hazardous contaminant on the contaminated land (notice must be given within 24 hours); or
- a change in the condition of the contaminated land (notice must be given within 24 hours); or

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- a notifiable activity (as defined in Schedule 3) having been carried out, or is being carried out, on the contaminated land (notice must be given within 20 business days);

that is causing, or is reasonably likely to cause, serious or material environmental harm.

For further information, including the form for giving written notice, refer to the Queensland Government website www.qld.gov.au, using the search term 'duty to notify'.

Take effect

Please note that, in accordance with section 200 of the EP Act, an EA has effect:

- a) if the authority is for a prescribed ERA and it states that it takes effect on the day nominated by the holder of the authority in a written notice given to the administering authority-on the nominated day; or
- b) if the authority states a day or an event for it to take effect-on the stated day or when the stated event happens; or
- c) otherwise-on the day the authority is issued.

However, if the EA is authorising an activity that requires an additional authorisation (a relevant tenure for a resource activity, a development permit under the Planning Act 2016 or an SDA Approval under the State Development and Public Works Organisation Act 1971), this EA will not take effect until the additional authorisation has taken effect.

If this EA takes effect when the additional authorisation takes effect, you must provide the administering authority written notice within 5 business days of receiving notification of the related additional authorisation taking effect.

If you have incorrectly claimed that an additional authorisation is not required, carrying out the ERA without the additional authorisation is not legal and could result in your prosecution for providing false or misleading information or operating without a valid environmental authority.

Christine Mooney
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Heritage, Utilities and Government Assessment
Department of Environment and Science
Phone: 1300 130 372
Email: palm@des.qld.gov.au

Date issued: 15 November 2018

Environmental authority

Obligations under the Environmental Protection Act 1994

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443)

Development Approval

This permit is not a development approval under the *Planning Act 2016*. The conditions of this environmental authority are separate, and in addition to, any conditions that may be on the development approval. If a copy of this environmental authority is attached to a development approval, it is for information only, and may not be current. Please contact the Department of Environment and Science to ensure that you have the most current version of the environmental authority relating to this site.

Conditions of environmental authority

Environmentally relevant activity/activities	Location(s)
63-(1a)(i) operating sewage treatment works, other than no-release works, with a total daily peak design capacity of 21 to 100EP if treated effluent is discharged from the works to an infiltration trench or through an irrigation scheme	151 Nambour Connection Road WOOMBYE QLD 4559 - Lot 1 Plan CG2729

The environmentally relevant activity conducted at the location as described above must be conducted in accordance with the following site specific conditions of approval.

Schedule A: Activity	
Condition number	Condition
A1-1	In carrying out the environmentally relevant activities, you must take all reasonable and practicable measures to prevent and / or to minimise the likelihood of environmental harm being caused. Any environmentally relevant activity, that, if carried out incompetently, or negligently, may cause environmental harm, in a manner that could have been prevented, shall be carried out in a proper manner in accordance with the conditions of this approval. <i>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.</i>
A2-1	The holder must: (a) install all plant and equipment necessary to ensure compliance with the conditions of this approval; and (b) maintain such plant and equipment in a proper and efficient condition; and (c) operate such plant and equipment in a proper and efficient manner.
A3-1	From commencement of the activity, a Site Based Management Plan (SBMP) must be implemented. The SBMP must identify all sources of environmental harm, including but not limited to the actual and potential release of all contaminants, the potential impact of these sources and what actions will be taken to prevent the likelihood of environmental harm being caused. The SBMP must also provide for the review and 'continual improvement' in the overall environmental performance of all Environmentally Relevant Activities that are carried out. This SBMP must be developed prior to 10 December 2005 and prior to the irrigation of effluent to land in consultation with the administering authority. The site based management plan must address the following matters:

	(a) Environmental commitments - a commitment by senior management to achieve environmental goals. (b) Identification of environmental issues and potential impacts. (c) Control measures for routine operations to minimise likelihood of environmental harm. (d) Contingency plans and emergency procedures for non-routine situations. (e) Organisational structure and responsibility. (f) Effective communication. (g) Monitoring of the contaminant releases. (h) Conducting environmental impact assessments (i) Staff training. (j) Record keeping. (k) Periodic review of environmental performance and continual improvement. (l) Design of monitoring programs to effectively detect any impacts from the activity to soil irrigated with effluent and groundwater quality. This must include provision of monitoring points for assessing background conditions and monitoring points for assessing potential impacts. (m) Management of any storage facilities for treated and untreated effluent. (n) Management of effluent irrigation.
A4-1	Record, compile and keep all monitoring results required by this document and present this information to the administering authority when requested, in a specified format.
A5-1	Any breach of a condition of this environmental authority must be reported to the administering authority as soon as practicable within 24 hours of becoming aware of the breach. Records must be kept including full details of the breach and any subsequent actions taken.
Schedule B: Air	
Condition number	Condition
B1-1	The release of noxious or offensive odours or any other noxious or offensive airborne contaminants resulting from the activity must not cause a nuisance at any odour sensitive place
Schedule C: Water	
Condition number	Condition
C1-1	Contaminants must not be released from the site to any waters or the bed and banks of any waters.
C2-1	There must be no release of stormwater runoff that has been in contact with any contaminants at the site to any waters, roadside gutter or stormwater drain.

Schedule D: Noise and vibration																																																													
Condition number	Condition																																																												
D1-1	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)<table><tr><th rowspan="2">Noise level dB(A) measured as</th><th colspan="3">Monday to Saturday</th><th colspan="3">Sundays and public holidays</th></tr><tr><th>7am-6pm</th><th>6pm-10pm</th><th>10pm-7am</th><th>9am-6pm</th><th>6pm-10pm</th><th>10pm-9am</th></tr><tr><td></td><td colspan="6">Noise measured at a Noise Sensitive Place</td></tr><tr><td>L_{A10}, adj, 10 mins</td><td>60</td><td>55</td><td>45</td><td>60</td><td>55</td><td>45</td></tr><tr><td>L_{A1}, adj, 10 mins</td><td>65</td><td>60</td><td>50</td><td>65</td><td>60</td><td>50</td></tr><tr><td></td><td colspan="6">Noise measured at a commercial place</td></tr><tr><td>L_{A10}, adj, 10 mins</td><td>65</td><td>60</td><td>50</td><td>65</td><td>60</td><td>50</td></tr><tr><td>L_{A1}, adj, 10 mins</td><td>70</td><td>65</td><td>55</td><td>70</td><td>65</td><td>55</td></tr></table>						Noise level dB(A) measured as	Monday to Saturday			Sundays and public holidays			7am-6pm	6pm-10pm	10pm-7am	9am-6pm	6pm-10pm	10pm-9am		Noise measured at a Noise Sensitive Place						L _{A10} , adj, 10 mins	60	55	45	60	55	45	L _{A1} , adj, 10 mins	65	60	50	65	60	50		Noise measured at a commercial place						L _{A10} , adj, 10 mins	65	60	50	65	60	50	L _{A1} , adj, 10 mins	70	65	55	70	65	55
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D2-1	When requested by the Administering Authority noise monitoring must be undertaken to investigate any complaint of noise nuisance, and the results notified within 14 days to the administering authority. Monitoring must include: (a) L_{A10}, adj, 10 mins (b) L_{A1}, adj, 10 mins (c) the level and frequency of occurrence of impulsive or tonal noise; (d) atmospheric conditions including temperature, relative humidity, wind speed and direction; (e) effects due to extraneous factors such as traffic noise; and (f) location, date and time of recording.																																																												
D2-2	The method of measurement and reporting of noise levels must comply with the latest edition of the Department of Environmental and Science’s Noise Measurement Manual.																																																												
Schedule E: Waste																																																													
Condition number	Condition																																																												
E1-1	Treated sewage effluent may be removed from the site and used for an alternate purpose, with the written consent of any third party involved.																																																												
E1-2	Other than effluent released to land in accordance with conditions F1-1, F1-2 and F1-3 all waste generated in carrying out the activity must be reused, recycled or lawfully disposed of offsite.																																																												
E2-1	The holder of this approval must keep a copy of all current agreements entered into to give or transfer ownership of treated effluent.																																																												
E3-1	Prior to the 10 December 2005, a Report on Options for Effluent Reuse must be completed and submitted to the administering authority. The Report on Options for Effluent Reuse must include the following:																																																												

	a) identify and assess various options available for effluent reuse, including for example identification and assessment of additional offsite disposal areas and commercial and industrial effluent reuse within the local area; b) demonstrate that written consultation has been undertaken with surrounding property owners, in relation to the supply of effluent to a third party or third parties for land Irrigation, on at least 1.5 hectares; c) provide details on the results of this consultation and the effluent reuse options.																																								
Schedule F: Land																																									
Condition number	Condition																																								
F1-1	The only contaminants permitted to be released to land are: (a) treated effluents to the designated subsurface effluent irrigation shown in Schedule I Figure 1 <i>Woombye Gardens Caravan Park Site Plan and Irrigation Area</i> and the proposed additional irrigation areas shown in Schedule I Figure 2 <i>Proposed Additional Irrigation Areas</i> in compliance with the limits levels stated in Schedule F Table 1 of the Land Schedule and the conditions of this approval; or (b) other areas subject to the requirements of condition E2-1. Schedule F – Table 1 (Release limits – ‘Land’) <table><tr><th colspan="5">Release limits</th></tr><tr><th>Quality Characteristics</th><th>Minimum</th><th>80% Percentile</th><th>Maximum</th><th>Median</th></tr><tr><td>Conductivity</td><td>-</td><td>-</td><td>1000µs/cm</td><td>-</td></tr><tr><td>pH</td><td>6.5</td><td>-</td><td>8.5</td><td>-</td></tr><tr><td>Total Phosphorus</td><td>-</td><td>-</td><td>10 mg/L</td><td>-</td></tr><tr><td>Total Nitrogen</td><td>-</td><td>-</td><td>35 mg/L</td><td>-</td></tr><tr><td>Free Residual Chlorine (If disinfection by chlorination is undertaken)</td><td>-</td><td>-</td><td>0.7 mg/L</td><td>-</td></tr><tr><td>Faecal Coliforms, <i>monthly as based on an average of weekly for the first 2 months; then monthly ongoing, if any trigger values is exceeded at any sampling event then back to weekly for 2 months.</i></td><td>-</td><td>150 colonies per 100 millimetres</td><td>600 colonies per 100 millimetres</td><td>10 colonies per 100 millimetres</td></tr></table>	Release limits					Quality Characteristics	Minimum	80% Percentile	Maximum	Median	Conductivity	-	-	1000µs/cm	-	pH	6.5	-	8.5	-	Total Phosphorus	-	-	10 mg/L	-	Total Nitrogen	-	-	35 mg/L	-	Free Residual Chlorine (If disinfection by chlorination is undertaken)	-	-	0.7 mg/L	-	Faecal Coliforms, <i>monthly as based on an average of weekly for the first 2 months; then monthly ongoing, if any trigger values is exceeded at any sampling event then back to weekly for 2 months.</i>	-	150 colonies per 100 millimetres	600 colonies per 100 millimetres	10 colonies per 100 millimetres
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F1-2	A maximum of 16KL of treated effluent may be applied to the designated irrigation areas during any day, at a maximum rate of 1.49L/m²/day.																																								

F1-3	Monitoring must be undertaken and records kept of a monitoring program of contaminant releases to the irrigation area at the monitoring points, frequency, and for the parameters specified in Schedule F – Table 2. Schedule F – Table 2 (Monitoring program) <table><tr><th>Monitoring point</th><th>Quality characteristics</th><th>Units</th><th>Frequency</th></tr><tr><td>Prior to discharge to effluent irrigation area</td><td>pH</td><td>pH scale</td><td>monthly</td></tr><tr><td>Prior to discharge to effluent irrigation area</td><td>Conductivity</td><td>µs/cm</td><td>quarterly</td></tr><tr><td>Prior to discharge to effluent irrigation area</td><td>Total Nitrogen</td><td>mg/L</td><td>quarterly</td></tr><tr><td>Prior to discharge to effluent irrigation area</td><td>Ammonia of Nitrogen</td><td>mg/L</td><td>quarterly</td></tr><tr><td>Prior to discharge to effluent irrigation area</td><td>Total Phosphorus</td><td>mg/L</td><td>quarterly</td></tr><tr><td>Prior to discharge to effluent irrigation area</td><td>Faecal Coliforms</td><td>cfu/100ml</td><td>monthly</td></tr></table>	Monitoring point	Quality characteristics	Units	Frequency	Prior to discharge to effluent irrigation area	pH	pH scale	monthly	Prior to discharge to effluent irrigation area	Conductivity	µs/cm	quarterly	Prior to discharge to effluent irrigation area	Total Nitrogen	mg/L	quarterly	Prior to discharge to effluent irrigation area	Ammonia of Nitrogen	mg/L	quarterly	Prior to discharge to effluent irrigation area	Total Phosphorus	mg/L	quarterly	Prior to discharge to effluent irrigation area	Faecal Coliforms	cfu/100ml	monthly
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F1-4	The daily volume of contaminants released to land must be determined or estimated by an appropriate method, for example a flow meter, and records kept of such determinations and estimates.																												
F1-5	The irrigation of effluent must be carried out in a manner such that: (a) vegetation is not damaged; (b) Soil erosion and soil structure damage is avoided; (c) there is no surface ponding of effluent; (d) percolation of effluent beyond the plant root zone is minimised; (e) the capacity of the land to assimilate nitrogen, phosphorus, salts, organic matter as measured, (f) by oxygen demand and water is not exceeded; and (g) the quality of ground water is not adversely affected; and (h) It does not pose a human health risk.																												
F1-6	When conditions prevent the irrigation of treated effluent to land (such as during or following rain. events), the contaminants must be directed to a wet weather storage or alternative measures must be taken to store/lawfully dispose of effluent (such as wet weather storage or tankering off site to another treatment plant or sewer). A record must be kept of any removal or discharge off site, including destination, transporter, dates and volumes.																												
F1-7	Notices must be prominently displayed on any effluent irrigation area warning the public that the area is irrigated with effluent and not to use or drink the effluent. These notices must be maintained in a visible and legible condition.																												
F1-8	Clippings resulting from mowing of plants on irrigated land are to be removed and disposed of in ways, other than on the irrigated land.																												
F1-9	Sludge produced by sewage treatment is to be disposed of on land, other than the irrigated land.																												

F2-1	Monitor and keep records of the soil characteristics and at the frequency specified in Schedule F – Table 3. Schedule F - Table 3 (Soil Quality Monitoring Program) <table><tr><th>Quality Characteristics</th><th>Units</th><th>Monitoring Frequency</th></tr><tr><td>pH</td><td>pH scale</td><td>once every two years</td></tr><tr><td>Total Nitrogen (as Nitrogen)</td><td>mg/kg</td><td>once every two years</td></tr><tr><td>Nitrate</td><td>mg/kg</td><td>once every two years</td></tr><tr><td>Total Phosphorous (as Phosphorous)</td><td>mg/kg</td><td>once every two years</td></tr><tr><td>P sorption capacity</td><td></td><td>once every two years</td></tr><tr><td>Exchangeable sodium percentage</td><td>%</td><td>once every two years</td></tr><tr><td>Electrical conductivity</td><td>µS/cm</td><td>once every two years</td></tr><tr><td>Exchangeable cations</td><td>me/100g</td><td>once every two years</td></tr><tr><td>Total Calcium</td><td>mg/kg</td><td>once every two years</td></tr><tr><td>Total Magnesium</td><td>mg/kg</td><td>once every two years</td></tr><tr><td>Total Sodium</td><td>mg/kg</td><td>once every two years</td></tr><tr><td>Chloride</td><td>mg/kg</td><td>once every two years</td></tr></table>	Quality Characteristics	Units	Monitoring Frequency	pH	pH scale	once every two years	Total Nitrogen (as Nitrogen)	mg/kg	once every two years	Nitrate	mg/kg	once every two years	Total Phosphorous (as Phosphorous)	mg/kg	once every two years	P sorption capacity		once every two years	Exchangeable sodium percentage	%	once every two years	Electrical conductivity	µS/cm	once every two years	Exchangeable cations	me/100g	once every two years	Total Calcium	mg/kg	once every two years	Total Magnesium	mg/kg	once every two years	Total Sodium	mg/kg	once every two years	Chloride	mg/kg	once every two years
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F2-2	Monitor and keep records of the groundwater characteristics and at the frequency specified in Schedule F - Table 4. Schedule F - Table 4 (Groundwater Monitoring Program) <table><tr><th>Quality Characteristics</th><th>Units</th><th>Monitoring Frequency</th></tr><tr><td>pH</td><td>pH scale</td><td>quarterly</td></tr><tr><td>Electrical conductivity</td><td>µS/cm</td><td>quarterly</td></tr><tr><td>Sodium</td><td>mg/L</td><td>quarterly</td></tr><tr><td>Calcium</td><td>mg/L</td><td>quarterly</td></tr><tr><td>Chloride</td><td>mg/L</td><td>quarterly</td></tr><tr><td>Nitrate</td><td>mg/L</td><td>quarterly</td></tr><tr><td>Nitrite</td><td>mg/L</td><td>quarterly</td></tr><tr><td>Total Nitrogen</td><td>mg/L</td><td>quarterly</td></tr><tr><td>Ammonia of Nitrogen</td><td>mg/L</td><td>quarterly</td></tr><tr><td>Total Phosphorus</td><td>mg/L</td><td>quarterly</td></tr><tr><td>Faecal coliforms</td><td>mg/L</td><td>quarterly</td></tr><tr><td>Standing groundwater levels, accurate to 0.01 metre</td><td>metres</td><td>quarterly</td></tr></table>	Quality Characteristics	Units	Monitoring Frequency	pH	pH scale	quarterly	Electrical conductivity	µS/cm	quarterly	Sodium	mg/L	quarterly	Calcium	mg/L	quarterly	Chloride	mg/L	quarterly	Nitrate	mg/L	quarterly	Nitrite	mg/L	quarterly	Total Nitrogen	mg/L	quarterly	Ammonia of Nitrogen	mg/L	quarterly	Total Phosphorus	mg/L	quarterly	Faecal coliforms	mg/L	quarterly	Standing groundwater levels, accurate to 0.01 metre	metres	quarterly
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F2-3	Monitor and keep records of the surface water characteristics and at the frequency specified in Schedule F - Table 5. Schedule F - Table 5 (Surface water quality monitoring program) <table><tr><th>Monitoring point</th><th>Quality characteristics</th><th>Units</th><th>Monitoring frequency</th></tr><tr><td>Background and immediately downstream from effluent irrigation area in Eudlo Creek.</td><td>Conductivity</td><td>(us/cm)</td><td>Once every six months</td></tr><tr><td>Background and immediately downstream from effluent irrigation area in Eudlo Creek.</td><td>Dissolved Oxygen</td><td>(mg/L)</td><td>Once every six months</td></tr><tr><td>Background and immediately downstream from effluent irrigation area in Eudlo Creek.</td><td>pH</td><td>-</td><td>Once every six months</td></tr><tr><td>Background and immediately downstream from effluent irrigation area in Eudlo Creek..</td><td>Total phosphorus</td><td>(mg/L)</td><td>Once every six months</td></tr><tr><td>Background and immediately downstream from effluent irrigation area in Eudlo Creek.</td><td>Total nitrogen</td><td>(mg/L)</td><td>Once every six months</td></tr><tr><td>Background and immediately downstream from effluent irrigation area in Eudlo Creek.</td><td>Faecal Coliforms</td><td>(coliforms/100ml)</td><td>Once every six months</td></tr></table> For the purposes of this approval “background” is a location which represents the quality characteristics of the receiving waters not affected by the activity. The sample and in situ analysis shall be taken midway down the water column.	Monitoring point	Quality characteristics	Units	Monitoring frequency	Background and immediately downstream from effluent irrigation area in Eudlo Creek.	Conductivity	(us/cm)	Once every six months	Background and immediately downstream from effluent irrigation area in Eudlo Creek.	Dissolved Oxygen	(mg/L)	Once every six months	Background and immediately downstream from effluent irrigation area in Eudlo Creek.	pH	-	Once every six months	Background and immediately downstream from effluent irrigation area in Eudlo Creek..	Total phosphorus	(mg/L)	Once every six months	Background and immediately downstream from effluent irrigation area in Eudlo Creek.	Total nitrogen	(mg/L)	Once every six months	Background and immediately downstream from effluent irrigation area in Eudlo Creek.	Faecal Coliforms	(coliforms/100ml)	Once every six months
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F2-4	Groundwater, surface water and effluent monitoring must be undertaken in accordance with methods prescribed in the latest edition of the Environment Protection Agency Water Quality Sampling Manual and on samples that are representative of the quality of the water/effluent being monitored.																												
Schedule G: Community																													
Condition number	Condition																												
G1-1	All complaints received must be recorded including investigations, conclusions formed and action taken. This information must be made available to the administering authority on request.																												

Definitions

Key terms and/or phrases used in this document are defined in this section. Where a term is not defined, the definition in the *Environmental Protection Act 1994*, its regulations or environmental protection policies must be used. If a word remains undefined it has its ordinary meaning.

administering authority means the Environmental Protection Agency or its successor

approval means an environmental authority under the *Environmental Protection Act 1994*.

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

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

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.

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.

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.

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

mg/L means milligrams per litre

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.

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

NTU means nephelometric turbidity units

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; or
- includes a place within the curtilage of such a place reasonably used by persons at that place

odour 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.

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

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.

regulated waste as defined in section 65 of the *Environmental Protection Regulation 2008*.

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

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.

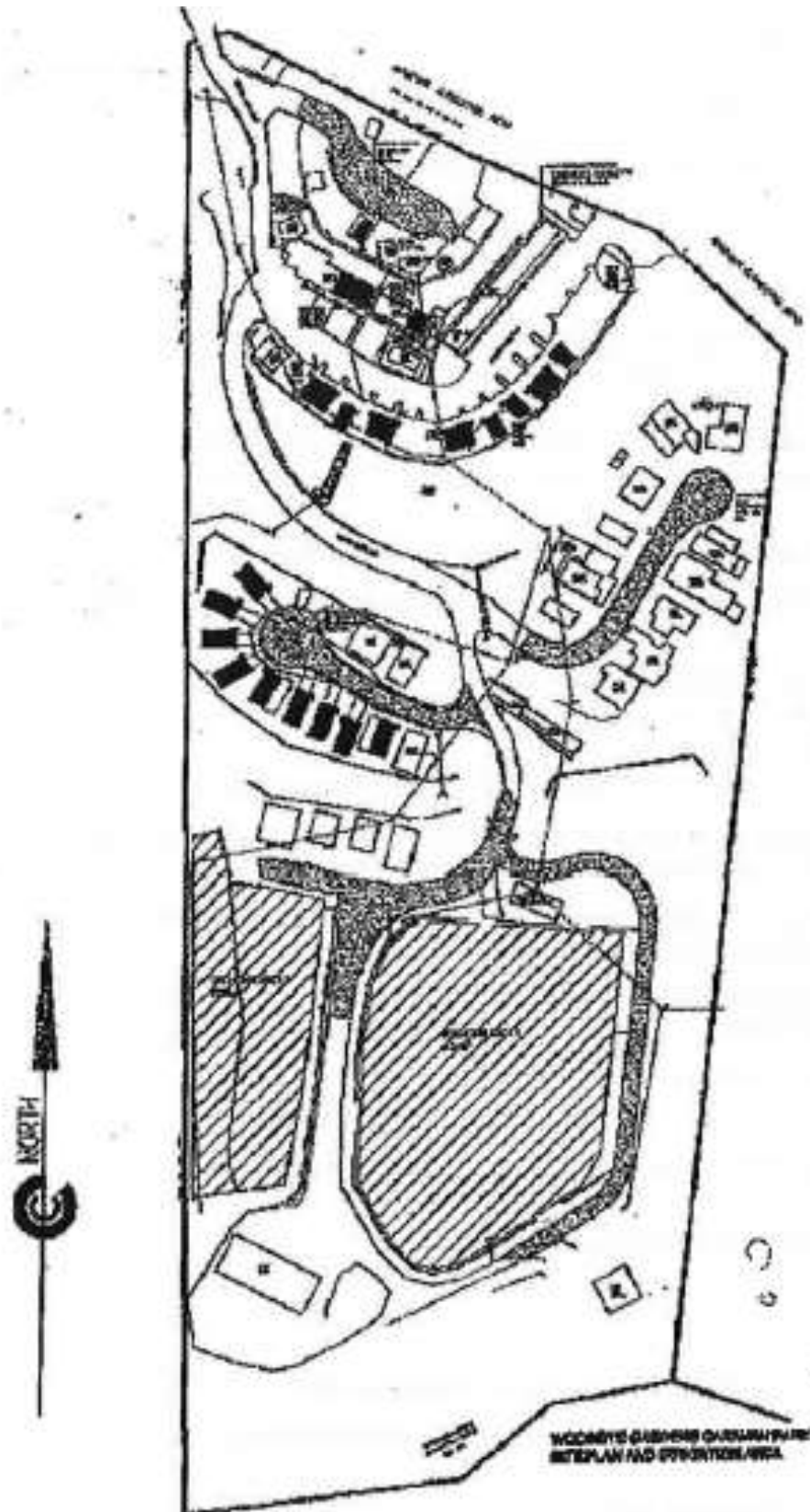
you means the holder of this environmental authority.

50th 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.

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

Appendices

Schedule I - Figure 1 Woombye Gardens Caravan Park Site Plan and Irrigation Area



Schedule 1—Figure 2 Woombye Gardens Caravan Park Site Plan Additional Irrigation Areas



END OF ENVIRONMENTAL AUTHORITY