

Permit

Environmental Protection Act 1994

Environmental authority EPPR00706613

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

Environmental authority number: EPPR00706613

Environmental authority takes effect on 25 June 2019

Environmental authority holder(s)

Name(s)	Registered address
LILYPONDS HP PTY LTD	26 Warruga St MAPLETON QLD 4560 Australia

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 4/RP200797

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

Environmental authority

- 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.

Mark Franco
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

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Date issued: 25 June 2019

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)

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Conditions of environmental authority

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

Agency interest: General	
Condition number	Condition
Prevent and/or minimise likelihood of environmental harm.	
PG1	In carrying out an ERA to which this approval relates, all reasonable and practicable measures must be taken to prevent and / or to minimise the likelihood of environmental harm being caused.
Maintenance Of Measures, Plant and Equipment.	
PG2	The operator of an ERA to which this approval relates must: (a) install all measures, plant and equipment necessary to ensure compliance with the conditions of this approval; and (b) maintain such measures, plant and equipment in a proper and efficient condition; and (c) operate such measures, plant and equipment in a proper and efficient manner.



Site Based Management Plan.	
PG3	From commencement of an ERA to which this approval relates, 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 ERAs that are carried out. The SBMP must address the following matters: (a) Environmental commitments - a commitment by senior management to achieve specified and relevant 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 contaminant releases. (h) Conducting environmental impact assessments. (i) Staff training. (j) Record keeping. (k) Periodic review of environmental performance and continual improvement.
PG4	The site based management plan must not be implemented or amended in a way that contravenes any condition of this approval
Records.	
PG5	Record, compile and keep all monitoring results required by this approval and present this information to the administering authority when requested.
PG6	All records required by this approval must be kept for 5 years.
Notification.	
PG7	Telephone the EPA's Pollution Hotline or local office as soon as practicable after becoming aware of any release of contaminants not in accordance with the conditions of this approval.
Monitoring.	
PG8	A competent person(s) must conduct any monitoring required by this approval.
Equipment Calibration.	
PG9	All instruments, equipment and measuring devices used for measuring or monitoring in accordance with any condition of this approval must be calibrated, and appropriately operated and maintained.
Trained / Experienced Operator(s).	
PG10	The daily operation of the waste water treatment system and pollution control equipment must be carried out by a person(s) with appropriate experience and/or qualifications to ensure the effective operation of that treatment system and control equipment.

Treatment system augmentation and upgrade.																																			
PG11	The recommendations as described in Section 8 "Recommendations" of report entitled "On-site Wastewater Report" by Napier and Associates dated 13 January 2009 must be implemented in full within 6 months of the date of this approval.																																		
Agency interest: Air																																			
Condition number	Condition																																		
Nuisance.																																			
PA1	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 nuisance sensitive or commercial place.																																		
Agency interest: Land																																			
Condition number	Condition																																		
Land disposal.																																			
PL1	The only contaminants permitted to be released to land are sewage effluent to the areas shown in Figure 1 — Site Plan (Attachment 1) and Figure 5 — Proposed Upgrade (Attachment 2) in compliance with the monitoring requirements stated in Table 1 — Monitoring Program. Table 1 — Monitoring Program. <table><tr><th>Monitoring point</th><th>Quality characteristics</th><th>Units</th><th>Frequency</th></tr><tr><td>At the outlet of the waste water treatment system prior to release to the effluent disposal area and any water supply bores onsite.</td><td>Total Nitrogen</td><td>mg/L</td><td>Annually</td></tr><tr><td>At the outlet of the waste water treatment system prior to release to the effluent disposal area and any water supply bores onsite.</td><td>Total Phosphorous</td><td>mg/L</td><td>Annually</td></tr><tr><td>At the outlet of the waste water treatment system prior to release to the effluent disposal area.</td><td>pH (6.5-8.5)</td><td>Range (pH units)</td><td>Annually</td></tr><tr><td>At the outlet of the waste water treatment system prior to release to the effluent disposal area and any water supply bores onsite.</td><td>E.coli</td><td>cfu/100ml</td><td>Quarterly</td></tr><tr><td>From the onsite pond (1st lilypond) adjacent to Well 2</td><td>Total Nitrogen</td><td>mg/L</td><td>Annually</td></tr><tr><td>From the onsite pond (1st lilypond) adjacent to Well 2</td><td>Total Phosphorous</td><td>mg/L</td><td>Annually</td></tr><tr><td>From the onsite pond (1st lilypond) adjacent to Well 2</td><td>E.coli</td><td>cfu/100ml</td><td>Annually</td></tr></table>			Monitoring point	Quality characteristics	Units	Frequency	At the outlet of the waste water treatment system prior to release to the effluent disposal area and any water supply bores onsite.	Total Nitrogen	mg/L	Annually	At the outlet of the waste water treatment system prior to release to the effluent disposal area and any water supply bores onsite.	Total Phosphorous	mg/L	Annually	At the outlet of the waste water treatment system prior to release to the effluent disposal area.	pH (6.5-8.5)	Range (pH units)	Annually	At the outlet of the waste water treatment system prior to release to the effluent disposal area and any water supply bores onsite.	E.coli	cfu/100ml	Quarterly	From the onsite pond (1 st lilypond) adjacent to Well 2	Total Nitrogen	mg/L	Annually	From the onsite pond (1 st lilypond) adjacent to Well 2	Total Phosphorous	mg/L	Annually	From the onsite pond (1 st lilypond) adjacent to Well 2	E.coli	cfu/100ml	Annually
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PL2	The disposal of effluent must be carried out in a manner such that: (a) vegetation is not damaged; (b) soil erosion and soil structure damage is avoided; (c) there is no surface ponding of effluent; (d) percolation of effluent beyond the plant root zone is minimised; (e) the capacity of the land to assimilate nitrogen, phosphorus, salts, organic matter as measured by oxygen demand and water is not exceeded; and (f) the quality of ground water is not adversely affected.
PL3	Notices must be prominently displayed on areas undergoing effluent disposal, 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.
PL4	When conditions prevent the disposal of treated effluent to land (such as during or following rain events), the contaminants must be directed to a wet weather storage or alternative measures must be taken to store/lawfully dispose of effluent (such as wet weather storage or tanking off site to another treatment plant or sewer). A record must be kept of any removal or discharge off site, including destination, transporter, dates and volumes.
PL5	Pipelines and fittings associated with the effluent irrigation system must be clearly identified. Lockable valves or removable handles must be fitted to all release pipes situated in public access areas.
PL6	Releases of effluent must not have any properties nor contain any organisms or other contaminants in concentrations that are capable of causing environmental harm
Agency interest: Noise	
Condition number	Condition
Noise Nuisance.	
PN1	Noise from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place
Agency interest: Social	
Condition number	Condition
Complaint Response.	
PS1	The operator of the ERA must record the following details for all complaints received and provide this information to the administering authority on request: (a) Time, date, name and contact details of the complainant; (b) reasons for the complaint; (c) any investigations undertaken; (d) conclusions formed; and (e) any actions taken.



Agency interest: Water	
Condition number	Condition
Stormwater Management	
PWA1	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.



Definitions

Words and phrases used throughout this permit' are defined below. Where a definition for a term used in this permit' is sought and the term is not defined within this permit' the definitions provided in the relevant legislation shall be used.

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

"annual return" means the return required by the annual notice (under section 316 of the *Environment Protection Act 1994*) for the section 73F registration certificate that applies to the development approval.

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

"authorised place" means the place authorised under this development 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.

"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.

"Environmental Protection Agency" means the department or agency (whatever called) administering the *Coastal Protection and Management Act 1995* or the *Environmental Protection Act 1994*.

"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.

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

"mg/L" means milligrams per litre

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

"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

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

"site" means land or tidal waters on or in which it is proposed to carry out the development approved under this development approval.

"watercourse" means a river, creek or stream in which water flows permanently or intermittently-

- in a natural channel, whether artificially improved or not; or
- in an artificial channel that has changed the course of the watercourse.

"waters" includes river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water natural or artificial watercourse, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and groundwater and any part thereof.

"works" or "operation" means the development approved under this development approval.

"you" means the holder of this development approval or owner / occupier of the land which is the subject of this development approval.





Figure 1. Site Plan

Property:

Loi 4 on FP200797

CLIENT:

H. H. and Co. Pty. Ltd.

NAPTEK

10 Tampar Street, Nampour Old 4580
Tel 07 54415 263. Fax 07 5441 1649.
email bnupole@napiervn.net

SIZE	FSCM NO.	DWG NO. / FILE NAME
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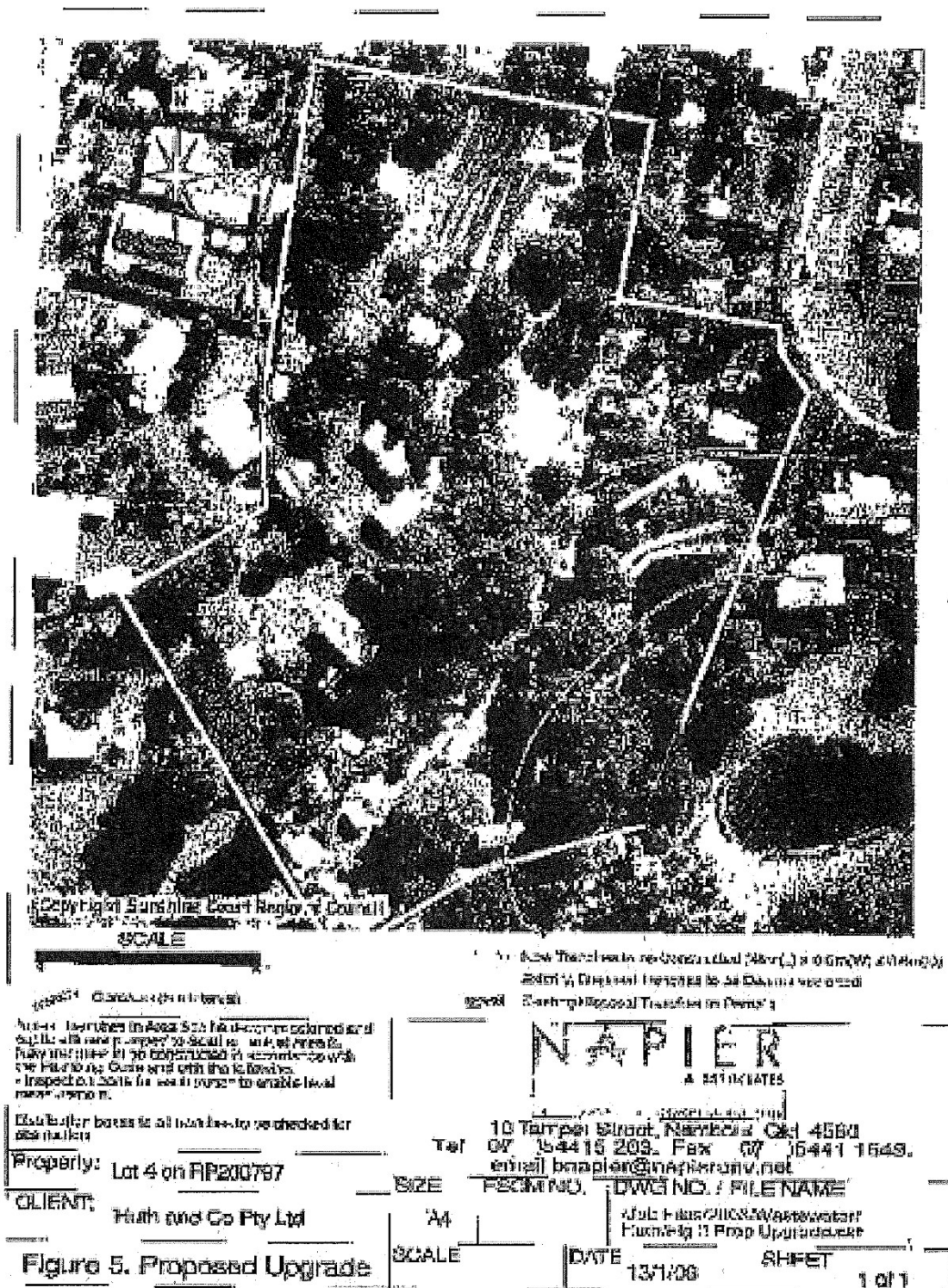
Job File: 2008/Wastewater
Huth/Site Plan.dxf

DATE 13/1/09

SHEET

1 of 1

Attachment 2



END OF PERMIT