Permit

Environmental Protection Act 1994

Environmental authority EPPR00685413

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

Environmental authority number: EPPR00685413

Environmental authority takes effect on 1 October 2025.

The anniversary date of this environmental authority is 8 November each year.

Environmental authority holder(s)

Name(s)	Registered address
The Company One Pty Ltd	9 – 15 Aumuller Street PORTSMITH, CAIRNS QLD 4870

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
1-(1a) Aquaculture >100m2 but <10ha land 1-(2a) Aquaculture >100m2 but <10ha land	Northern Fisheries Centre - Lot 4 Plan SP122861 and Lot 1 Plan SP122862

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 land give written notice to the administering authority if they become aware of the following:

- the presence of, or happening of an event involving, a hazardous contaminant on the land that is causing, or is reasonably likely to cause, serious or material environmental harm (notice must be given within 24 hours); or

- if the land is contaminated land – a change in the condition of the land that is causing, or is reasonably likely to cause, serious or material environmental harm (notice must be given within 24 hours); or
- a notifiable activity (as defined in Schedule 3) having been carried out, or is being carried out, on the land (notice must be given within 20 business days).

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.

The anniversary day of this environmental authority is the same day each year as the effective date. The payment of the annual fee will be due each year on this day.

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.

Amanda Gray	1/10/2025
Signature	Date

Amanda Gray
Department of the Environment, Tourism, Science and Innovation
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Permit and Licence Management
Department of the Environment, Tourism, Science and Innovation
GPO Box 2454 BRISBANE QLD 4001
Phone**:** 1300 130 372 (select option 4)
Email: palm@detsi.qld.gov.au

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).

Other permits required

This permit only provides an approval under the *Environmental Protection Act 1994*. In order to lawfully operate you may also require permits / approvals from your local government authority, other business units within the department, and other State and Federal Government agencies prior to commencing any activity at the site. For example, this may include permits / approvals with your local Council (for planning approval), the Department of Transport and Main Roads (to access State controlled roads), the Department of Natural Resources and Mines, Manufacturing, and Regional and Rural Development (to clear vegetation), and the Department of Primary Industries (to clear marine plants or to obtain a quarry material allocation).

Obligations under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act)

Matters of national environmental significance (MNES) are regulated under the Commonwealth EPBC Act rather than under state legislation. You may need to submit a referral if your project potentially impacts any matters protected under the EPBC Act. For more information on self-assessments, and referral and assessment processes please visit the Department of Climate Change, Energy, the Environment and Water webpage, https://www.dcceew.gov.au/environment/epbc/advice.

Obligations under the *Mining and Quarrying Safety and Health Act 1999*

If you are operating a quarry, other than a sand and gravel quarry where there is no crushing capability, you will be required to comply with the *Mining and Quarrying Safety and Health Act 1999*. For more information on your obligations under this legislation contact Mine Safety and Health at https://www.nrmmrrd.qld.gov.au/, or phone 13 QGOV (13 74 68) or your local Mines Inspectorate Office.

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 the Environment, Tourism, Science and Innovation to ensure that you have the most current version of the environmental authority relating to this site.

Obligations under the *Aboriginal Cultural Heritage Act 2003* and *Torres Strait Islander Cultural Heritage Act 2003* (the Cultural Heritage Acts)

The Cultural Heritage Acts require anyone who carries out a land-use activity to exercise a duty of care. This ‘duty of care’ means land users must take all reasonable and practicable measures to ensure their activity does not harm Aboriginal or Torres Strait Islander cultural heritage, and applies to any activity where Aboriginal or Torres Strait Islander cultural heritage is located. For more information on your obligations under this legislation, please visit the Department of Women, Aboriginal and Torres Strait Islander Partnerships and Multiculturalism webpage at, https://www.dwatsipm.qld.gov.au/.

Conditions of environmental authority

This Authority incorporates the following schedules of conditions relevant to various issues:

- 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
- Schedule J - Plan of Development

SCHEDULE A - GENERAL CONDITIONS

Display of Development approval

(A1) A copy of this development approval must be kept in a location readily accessible to personnel carrying out the activity.

Records

(A2) Any record or document required to be kept by a condition of this development approval must be kept at the approved place(s) for a period of at least five (5) years and be available for examination by an authorised person. For daily and weekly records, 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.

(A3) Copies of any record required to be kept by a condition of this development approval must be provided to any authorised person or the administering authority on request.

Alterations

(A4) 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 ten percent (10%) or more in the quantity of the contaminant to be released into the environment.

Calibration

(A5) 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

(A6) From commencement of the activity, a Site Based Management Plan (SBMP) must be implemented. The SBMP must identify all sources of environmental harm, including but not limited to the actual and potential release of all contaminants, the potential impact of these sources and what actions will be taken to prevent the likelihood of environmental harm being caused. The SBMP must also provide for the review and 'continual improvement' in the overall environmental performance of all Environmentally Relevant Activities that are carried out.

The site based management plan must address the following matters:

- Environmental commitments - a commitment by senior management to achieve environmental goals.
- Identification of environmental issues and potential impacts.
- Control measures for routine operations to minimise likelihood of environmental harm.
- Contingency plans and emergency procedures for non-routine situations.
- Organisational structure and responsibility.
- Effective communication.
- Monitoring of the contaminant releases.
- Conducting environmental impact assessments.
- Staff training.
- Record keeping.
- Periodic review of environmental performance and continual improvement.

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 approved place(s) is to cause a noxious or offensive odour beyond the boundaries of the approved place(s).

Dust and Particulate Emissions – General

(B2) Dust or particulate matter that will have or is likely to have an adverse effect on people living in or using the surrounding area must not be permitted to emanate beyond the boundaries of the approved place(s).

End of Conditions for Schedule B

SCHEDULE C - WATER

Release of Contaminants to Waters

(C1) Contaminants must not be directly or indirectly released from the approved place 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 contaminant permitted to be released from the approved place(s) is aquaculture effluent from the ponds and/or tanks used for cultivating or holding marine, estuarine or freshwater organisms.

Release Point(s)

(C3) Contaminants must not be directly or indirectly released from any source on the approved place to any waters at any location other than the contaminants and sources at the locations specified in Schedule C - Table 1 and labelled on the maps for the approved place in Schedule J.

(C4) The release of contaminants to waters from the release points specified in condition C3 and labelled on the maps for the approved place in Schedule J, must be carried out at *non-erosive velocities* and must not disturb marine or riparian vegetation, the bed and banks of the waterway or the habitat in general.

(C5) Within 60 days of the take effect date of this development approval, the approval holder shall complete works that result in the release point W2(c) being located at a depth below the level of Lowest Astronomical Tide (LAT) and being fitted with a diffusing mechanism fitted such that no turbidity plume is visible on release of sand filter backwash waters.

Quantity of Contaminants Released to Waters

(C6) The total quantity of contaminants released from the release points specified in condition C3 must not exceed those specified in Schedule C - Table 1.

Schedule C - Table 1 - Northern Fisheries Centre

Release Point	Release Point Description	Total Quantity
W1	Discharge pipe to waters described as Smith's Creek, Trinity Inlet.	1,030 m^3 in any day
W2(c)	Backwash pipe to waters described as Smith's Creek, Trinity Inlet.	

Quality of Contaminants Released to Waters

(C7) The release of contaminants to waters must comply, at the sampling and *in situ* monitoring point(s) specified in Schedule H, with each of the release limits specified in Schedule C - Table 2 and Schedule C – Table 2a for each quality characteristic.

Schedule C - Table 2 - Northern Fisheries Centre Wastewater Release Limits

Quality Characteristic	Release Point	Monitoring Point	Release Limit	Limit Type
pH	W1	MP1	6.5 to 9.0 pH units	range
Dissolved oxygen	W1	MP1	4.0 mg/L	minimum
Total Suspended Solids	W1	MP1	Background* + 10mg/L	80th percentile
	W1	MP1	Background* + 20mg/L	maximum
Total Nitrogen as N	W1	MP1	0.8 mg/L	80th percentile
	W1	MP1	1.0 mg/L	maximum
Total Phosphorus as P	W1	MP1	0.15 mg/L	80th percentile
	W1	MP1	0.2 mg/L	maximum

*The background parameters are to be measured at the time of measuring release waters adjacent to the upstream boundary of DPI lease within Lot 4 SP122861 in accordance with the Trinity Inlet Water Quality Guidelines 1993.

(C8) Notwithstanding the quality characteristic limits specified in Schedule C – Table 2 the release of contaminants to waters must comply with the following qualitative characteristics:
- i) The release must not produce any plume or other visible evidence of the release of suspended solids or other contaminants which adversely affects the values of the receiving environment; and
- ii) The release must not produce any slick or other visible evidence of oil or grease, nor contain visible floating oil, grease, scum, litter or other objectionable matter; and
- iii) The release must not have any properties nor contain any organisms or other contaminants which, are capable of causing environmental harm or an environmental nuisance.

Times of Releases

(C9) Where practicable, the release of contaminants from release points W1 and W2(c), must only occur from local high water until two (2) hours before local low water.

End of Conditions for Schedule C

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 or minimise the release or likelihood of release of contaminated run-off from the approved place to any stormwater drain or waters or the bed or banks of any such waters.
"Contaminated run-off" for the purposes of this condition means stormwater and/or stormwater run-off that contains contaminants that may cause environmental harm.

Maintenance and Clean-up

(D2) The maintenance and cleaning of vehicles and any other equipment or plant must be carried out in areas from where contaminants cannot be released into any waters, roadside gutter or external stormwater drainage system.

(D3) Any spillage of wastes, contaminants or other materials must be cleaned up as quickly as practicable. Such spillage's must not be cleaned up by hosing, sweeping or otherwise releasing such wastes, contaminants or materials to any external stormwater drainage system, roadside gutter or waters.

Pond Construction

(D4) The holder of this development approval must ensure that all aquaculture and settlement ponds have a permeability of not more than 0.1 mm/day.

(D5) All ponds used for cultivating or holding marine, estuarine or freshwater organisms must be installed and maintained to be structurally stable.

(D6) Suitable banks and/or diversion drains must be installed and maintained to exclude stormwater run-off from any detention systems used for the storage or treatment of contaminants or wastes.

(D7) All ponds used for cultivating or holding marine, estuarine or freshwater organisms must be installed and maintained so that a freeboard of not less than 0.3 metres is maintained at all times.

(D8) Following rainfall which reduces the freeboard of all ponds used for cultivating or holding marine, estuarine or freshwater organisms to less than that described in condition D7, the holder of this development approval must reinstate the freeboard as soon as practicable.

Bunding

(D9) All chemical tank and/or fuel tank storage's must be bunded so that the capacity of the bund is sufficient to contain at least one hundred and ten percent (110%) of a tank in a single tank bund and/or one hundred percent (100%) of the largest storage tank plus ten percent (10%) of the second largest tank in a multiple tank bund.

(D10) All chemical drum and/or fuel drum storage's must be bunded so that the capacity of the bund is sufficient to contain at least twenty five percent (25%) of the maximum design storage volume within the bund.

(D11) All bunding must be constructed and maintained so as to be sufficiently impervious to allow retention and recovery of any materials being stored within the bund.

(D12) All bunded areas used for chemical storage must be roofed where practicable.

(D13) Where it is impractical to completely roof a bunded area the holder of this development approval must ensure that any stormwater captured within the bund is free from contaminants or wastes prior to any release.

(D14) All required pipe work from the bunded areas must be directed over the bund wall and not through it.

(D15) Where a collection sump and outlet are provided to facilitate removal of liquid collected within the bunded area, that outlet must be kept closed and locked at all times except when removal of clean uncontaminated stormwater is carried out.

(D16) All empty drums must be stored on a concrete hardstand with their closures in place.

(D17) Where vehicle access to a bunded area is required, the access must be by way of a roll-over bund.

End of Conditions for Schedule D

SCHEDULE E - LAND APPLICATION

Release of Contaminants to Land

(E1) Except as otherwise provided by the conditions of the land schedule of this development approval, the environmentally relevant activity must be carried out by such practicable means necessary to prevent the release or likelihood of release of contaminants to land.

(E2) The only contaminants that are permitted to be released to land on the approved place are aquaculture wastewaters and aquaculture pond sludges, which must not be released to land within twenty (20) metres of any waters.

Quality of Contaminants Released to Land

(E3) Any aquaculture pond sludge disposed of on the approved place must be evenly dispersed to allow for absorption into the land.

(E4) Diversion drains, appropriate grades or equivalent must be installed to ensure surface waters from sludge disposal areas, including operational or trafficable areas, are diverted away from waters.

(E5) Notwithstanding any other condition of this development approval, the contaminants released to land must not have any properties nor contain any organisms or contaminants in concentrations that are capable of causing environmental harm.

Provision of Effluent to Other Person(s)

(E6) If the holder of this development approval gives or transfers responsibility of aquaculture effluent to another person(s), the holder of this development approval must:

i) prior to giving such effluent or transferring responsibility of such effluent to that person(s), obtain from that person(s) details of how that person(s) intends to comply with the general environmental duty provided for by Section 319 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 responsibility of such effluent in accordance with a written agreement between the holder of this development approval and that person(s) which clearly defines responsibilities for management, maintenance, monitoring and contingency plans; and

iii) upon becoming aware that the person(s) is not or is not likely to comply with the general environmental duty provided by Section 319 of the Act, cease the giving or transferring responsibility of such effluent, as the case may be.

(E7) The holder of this development approval must keep a copy of all agreements entered into to give or transfer responsibility of aquaculture effluent and must:

a) provide a copy of the agreement to the administering authority within thirty (30) days of the agreement taking effect; and

b) advise the administering authority in writing of rescission of any agreement within thirty (30) days of such rescission.

End of Conditions for Schedule E

SCHEDULE F - NOISE

Emission of Noise

(F1) In the event of a complaint about noise that constitutes intrusive noise being made to the administering authority, that the administering authority considers is not frivolous or vexatious, then the emission of noise from the approved place 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	
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)

(F2) The absolute maximum instantaneous sound pressure level, when measured at a noise sensitive or commercial place, Max $L_{pA\ T}$, must not exceed 75 dB(A).

(F3) Methods used to deter birdlife and other native fauna considered pests or competitors shall not include scare guns or firearms.

End of Conditions for Schedule F

SCHEDULE G - WASTE MANAGEMENT

General

(G1) Waste must not be released to the environment, stored, transferred or disposed of contrary to any condition of this development approval.

(G2) The holder of this development approval must not:
- i) allow waste to burn or be burnt at or on the premises to which this development approval relates; nor
- ii) remove waste from the premises to which this development approval relates and burn such waste elsewhere other than an appropriate waste disposal facility that can lawfully burn such waste.

(G3) Where practicable, area(s) must be set aside for the segregation and storage of recyclable solid wastes.

(G4) Where a no-cost recycling service is available, reasonable and practicable steps must be taken to ensure recyclable waste is not deposited in the general waste stream.

On site Waste Disposal

(G5) The holder of this development approval must keep and maintain records for all waste disposed on the premises, including aquaculture pond sludge other than that sludge which is used in the maintenance of ponds. The records must include the following information:
- i) date of disposal of the material;
- ii) description of the material;
- iii) quantity of the material;
- iv) the location where the material is disposed; and
- v) the method used to dispose the material.

Disease Management

(G6) The holder of this development approval must notify the administering authority of any disease outbreak requiring treatment and/or drainage of pond and/or tank contents.

(G7) The holder of this development approval must keep and maintain records of all disease outbreaks at the premises. The records must include the following information:
- i) date of first identifying the outbreak;
- ii) description of the outbreak;
- iii) method of treatment of the outbreak;
- iv) method of disposal of any diseased material;
- v) quantity of disposed of material; and
- vi) the location where the material was disposed.

End of Conditions for Schedule G

SCHEDULE H - SELF MONITORING AND REPORTING

Complaint Recording

(H1) All complaints received by the holder of this development approval relating to operations at the approved place(s) must be recorded in a log book 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.

Incident Recording

(H2) 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 approved place;
- ii) the hours of operation of the plant;
- iii) the time and date of any discharge associated with, or related to an incident; and
- iv) any remedial actions undertaken

Notification of Emergencies and Incidents

(H3) Where the holder of this development approval has not given notification to the administering authority under Section 320 of the Act, 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 holder of this development approval must notify the administering authority of the release by telephone or facsimile.

(H4) Where the holder of this development approval has not given notification to the administering authority under Section 320 the Act, the notification of emergencies or incidents as required by condition H3 must include but not be limited to the following:
- i) the holder of the development approval;
- 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 holder of the development approval 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.

(H5) Where the holder of this development approval has not given notification to the administering authority under Section 320 of the Act, not more than fourteen (14) days following the initial notification of an emergency or incident, the holder of the development approval must provide written advice of the information supplied in accordance with development condition H4 in addition to:
- i) proposed actions to prevent a recurrence of the emergency or incident;
- ii) outcomes of actions taken at the time to prevent or minimise environmental harm; and
- iii) the results of any environmental monitoring performed.

(H6) As soon as practicable, but not more than six (6) weeks following the conduct of any environmental monitoring performed in relation to the emergency or incident, the holder of this development approval must provide written advice of the results of any such monitoring performed.

Sampling and In-situ Monitoring Points

(H7) Determinations of the quality of contaminants released to waters to check conformity with the release quality characteristics specified in condition C7 must be undertaken at the sampling and *in situ* measurement point(s) described as:

Northern Fisheries Centre

MP1 - Mixed waters in sampling pit located at Lat -16.74473, Long 145.77198 (GDA2020) as shown in Figure 2 of Schedule J.

Monitoring of Contaminant Releases to Waters

(H8) The holder of this development approval is responsible for the making of determinations of the quality of the contaminants released to waters from the approved place for the release points, quality characteristics, and at the frequency specified in Schedule H - Table 1 and Schedule H – Table 1a.

Schedule H - Table 1 - Northern Fisheries Centre Wastewater Monitoring

QUALITY CHARACTERISTIC DETERMINATION	SAMPLING METHOD	SAMPLING AND IN-SITU MONITORING POINT(S)	FREQUENCY OF SAMPLING
pH	In flow sample	MP1	Weekly whilst discharging
Dissolved oxygen (mg/L)	Inflow sample	MP1	Weekly whilst discharging
Total Suspended Solids (mg/L)	Grab sample	MP1	Monthly whilst discharging
Total Nitrogen as N (mg/L)	Grab sample	MP1	Monthly whilst discharging
Total Phosphorus as P (mg/L)	Grab sample	MP1	Monthly whilst discharging

(H9) All determinations of the quality of contaminants released to waters must be made in accordance with methods prescribed in the Environmental Protection Agency Water Quality Sampling Manual, Third Edition, December 1999, or more recent editions or supplements to that document as such become available.

(H10) Determinations of the quality of contaminants released must be performed only by **appropriately qualified persons**.

Monitoring of Volume of Releases to Waters

(H11) The daily quantity of contaminants released to waters from the release points specified in Schedule C - Table 1 must be determined by an appropriate method (eg. a flow meter).

Noise Monitoring

(H12) 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.

(H13) A person or body possessing appropriate experience and qualifications to perform the required measurements must undertake the measurement and reporting of noise levels.

Report Submission

(H15) Contaminant release quality pertaining to the yearly period, compiled, collected or recorded in accordance with condition H8 must be presented:

i) in a tabular format, showing:
ii) date and times sampled;
iii) all raw data;
iv) any exceedance of levels of all parameters specified in Schedule C - Table 2 and Table 2a; and
v) maximum and minimum values for parameters specified in Schedule C – Table 2 and Table 2a; and

vi) graphically showing raw data vs. time.

Exception Reporting

(H16) The holder of this development approval must notify the administering authority in writing of any monitoring result that indicates an exceedance of any limit within twenty eight (28) days of completion of analysis.

(H17) The written notification required by condition H16 above must include:

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

End of Conditions for Schedule H

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.

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

(I1) "Act" means the *Environmental Protection Act 1994*.

(I2) "administering authority" means the Environmental Protection Agency or its successor.

(I3) "AMTD" means Adopted Middle Thread Distance as per the Queensland Water Resources Commission publication entitled "Atlas of AMTD Maps, January 1984".

(I4) **Appropriately qualified person(s)** means a person or persons who has professional qualifications, training, skills and experience relevant to the environmental authority (EA) requirement and can give authoritative assessment, advice and analysis in relation to the EA requirement using relevant protocols, standards, methods or literature.

(I5) "aquaculture sludge" means the solids or sludges which accumulate or deposit on the bottom of a pond and/or tank as a result of cultivating or holding marine, estuarine or freshwater organisms. .

(I6) "authorised person" means a person holding office as an authorised person under an appointment under this Act by the chief executive or chief executive officer of a local government.

(I7) "background noise level" means either:
- i) $L_{A90, T}$ being the A-weighted sound pressure level exceeded for 90 percent of the time period of not less than fifteen (15) minutes, using Fast response, or
- ii) $L_{Abg, T}$ being the arithmetic average of the minimum A-weighted sound pressure level readings measured in the absence of the noise under investigation during a representative time period of not less than fifteen (15) minutes, using Fast response.

(I8) "commercial place" means a place used as an office or for business or commercial purposes

(I9) "disease" means a disease or notifiable event that is listed on a Declared Disease List prepared by the Department of Primary Industries under the *Fisheries Act 1994*.

(I10) "dwelling" means any of the following structures or vehicles that is principally used as a residence -
- i) a house, unit, motel, nursing home or other building or part of a building;
- ii) a caravan, mobile home or other vehicle or structure on land;
- iii) a watercraft in a marina.

(I11) "80th percentile" means that the measured values of the quality characteristic must not be greater than the release limit for any more than one out of five consecutive samples where the time interval between the taking of each consecutive sample is not less than three (3) days.

(I12) "grab sample" means a single instantaneous sample which is collected in a manner that ensures that it is a representative sample.

(I13) “inflow sample” means an instantaneous readout from an electronic probe immersed in the flow of liquid, at a location that is representative of the characteristics of the flow.

(I14) “intrusive noise” means noise that, because of its frequency, duration, level, tonal characteristics, impulsiveness or vibration -

i) is clearly audible to, or can be felt by, an individual; and

ii) annoys the individual.

In determining whether a noise annoys an individual and is unreasonably intrusive, regard must be had to Australian Standard 1055.2 - 1997 Acoustics - Description and Measurement of Environmental Noise Part 2 - Application to Specific Situations or supplements to that document as such become available.

(I15) “land” means land excluding waters and the atmosphere.

(I16) “maximum” means that the measured value of the quality characteristic or contaminant must not be greater than the release limit stated.

(I17) “mg/L” means milligrams per litre.

(I18) “μg/L” means micrograms per litre.

(I19) “$L_{Amax\ adj,\ T}$“ means the average maximum A-weighted sound pressure level, adjusted for noise character and measured over a time period of not less than fifteen (15) minutes, using Fast response.

(I20) “Max $L_{pA,\ T}$” means the maximum A-weighted sound pressure level measured over a time period of not less than fifteen (15) minutes, using Fast response.

(I21) “minimum” means that the measured value of the quality characteristic or contaminant must not be less than the release limit stated.

(I22) “noise sensitive place” means:

i) a dwelling, mobile home or caravan park, 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.

(I23) “noxious” means harmful or injurious to health or physical well being.

(I24) “offensive” means causing offence or displeasure; is disagreeable to the sense; disgusting, nauseous or repulsive.

(I25) “range” means that the measured value of the quality characteristic or contaminant must not be greater than the higher release limit stated nor lower than the lower release limit stated.

(I26) “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-

i) for an element - any chemical compound containing the element; and

ii) anything that has contained a regulated waste.

(I27) “Total Nitrogen” means the sum of Organic Nitrogen, Ammonia Nitrogen, Nitrite plus Nitrate Nitrogen.

(I28) “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.

(I29) “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 underground water, any part thereof.

Appendices

SCHEDULE J - PLAN OF DEVELOPMENT

Northern Fisheries Centre

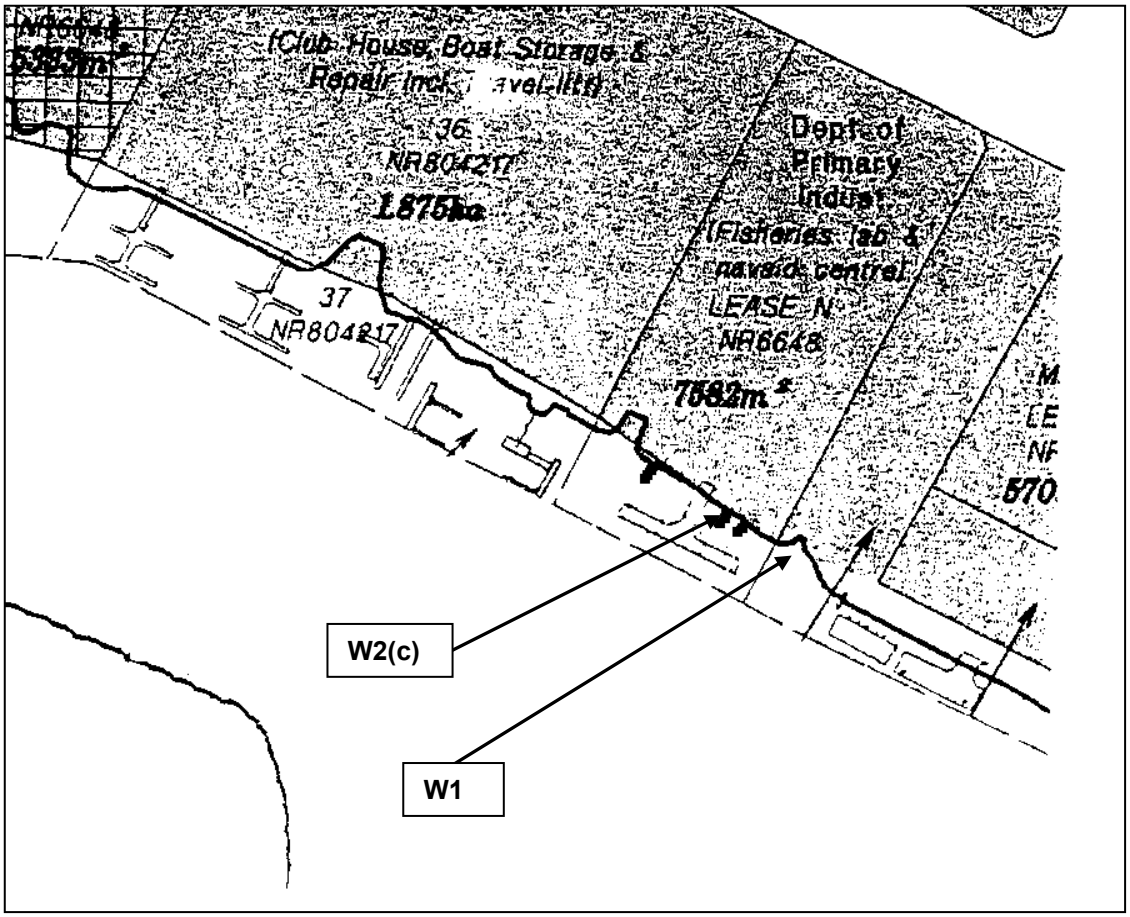


Figure 1 - Effluent Release Points.

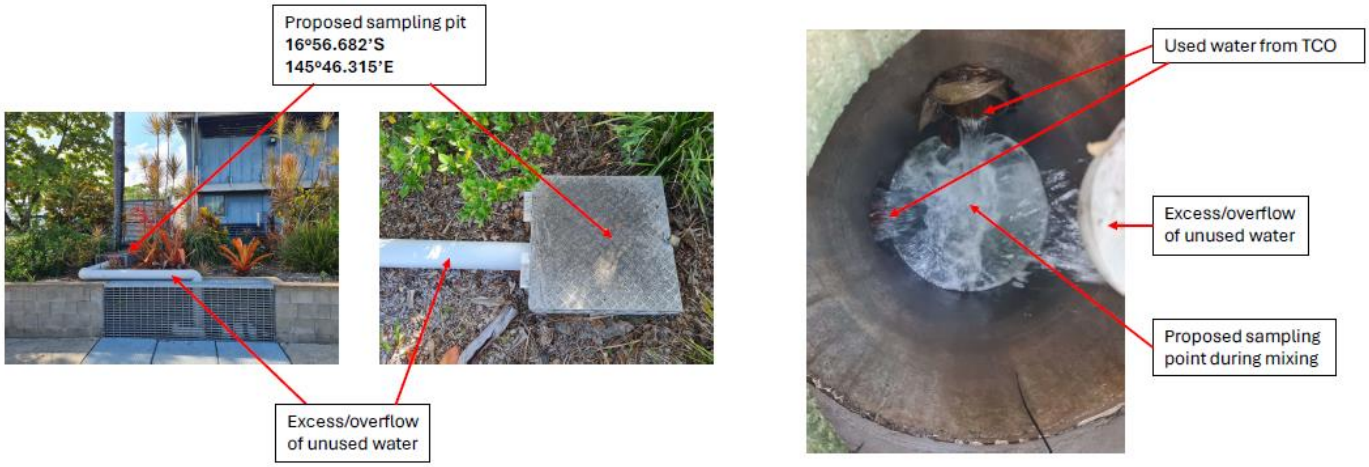


Figure 2 – Sample location MP1.

End of Conditions for Schedule J

END OF ENVIRONMENTAL AUTHORITY