Permit

Environmental Protection Act 1994

Environmental authority EPPR00204313

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

Environmental authority number: EPPR00204313

Environmental authority takes effect on 6 November 2025.

The anniversary date of this environmental authority is 15 April each year.

Environmental authority holder(s)

Name(s)	Registered address
AQUA PHARMA AUSTRALIA PTY LTD	217 Flinders St ADELAIDE SA 5000

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
ERA 01 - Aquaculture - 1(b) - Cultivating or holding crustaceans in enclosures that are on land and have a total area of more than 10ha but not more than 100ha	947 Greenhill Rd, ILBILBIE QLD 4738 Lot 50 Plan SP208545

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. An annual return will be due each year on 01 April.

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	6/11/2025
Signature	Date

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

Enquiries:
Coastal and Marine Assessment
Department of the Environment, Tourism, Science and Innovation
Phone: 1300 130 372
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).

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.

Conditions of environmental authority

Schedule A – Property Descriptions	
A1	The environmentally relevant activity is situated on Lot 1, Plan 846427, County of Murchison, Parish of Long Hill located at Greenhills Road, Ilbilbie. (Lot 1, Greenhill Access Road, Greenhill).
Schedule B – General Conditions	
B1	**Requirements of Other Legislation** The granting of this environmental authority or the imposition of any condition hereof shall not be taken to prejudice the right in law of any other competent authority to impose any condition, refuse any application or take any action in relation to releases of any contamination as a result of the environmentally relevant activity/activities.
B2	**Compliance with Environmental Authority** Contaminants must not be released to the environment other than in accordance with this environmental authority.
B3	All requirements of the environmental authority must be complied with.
B4	**Compliance with Application for Environmental Authority** The environmentally relevant activity must be constructed, operated and maintained in accordance with all undertakings of the environmental authority application and any other documents approved by the administering authority as set out in the attached Approved Documents Schedule.
B5	In the event of any inconsistencies arising between the undertakings of the environmental authority application or other approved documents as set out in the Approved Documents Schedule and the conditions of this environmental authority, the conditions of this environmental authority must apply.
B6	The holder of this environmental authority must take all measures, perform all acts and do all things necessary: (i) to contain or prevent any release of contaminants prohibited by this environmental authority, and (ii) to cease any release of contaminants prohibited by this environmental authority, and (iii) to prevent any further release of contaminants prohibited by this environmental authority, and (iv) to prevent, abate or mitigate any environmental harm or environmental nuisance resulting from any release of contaminants prohibited by this environmental authority.
B7	The holder of this environmental authority must: (i) install and operate all works and control equipment, and (ii) take all measures, perform all acts and doo all things, necessary to ensure compliance with the conditions of this environmental authority.
B8	**Definitions**

	For the purposes of this environmental authority any term not otherwise defined in legislation or in the Definitions Schedule of this environmental authority shall have the meaning conferred to that term in its common usage.
B9	In the event of any inconsistency arising between the meaning of any term provided in the Definitions Schedule of this environmental authority and common usage of that term, the meaning conferred in the Definitions Schedule of this environmental authority must apply.
B10	**Display of Environmental Authority** A copy of this environmental authority shall be prominently displayed at all times in a location readily accessible to plant personnel.
B11	A copy of this environmental authority shall be provided, on request, to any authorised person.
B12	**Trained Operators** All persons engaged in the conduct of the activity, including but not limited to employees and contract staff, must be trained in the procedures and practices necessary to: (i) comply with the conditions of this environmental authority, and (ii) prevent environmental harm or environmental nuisance during normal operations and emergencies; or be under the close supervision of such a trained person.
B13	**Discharge of Electromagnetic Radiation** Any visible light released from the licensed place shall not cause an environmental nuisance at or beyond the boundary of the licensed place.
B15	**Inspections by authorised persons** At all reasonable times, and to the satisfaction of an authorised person, the following must be provided to enable an authorised person to check compliance with the conditions of this environmental authority: (i) monitoring facilities, and (ii) access to such facilities, and (iii) any reasonable assistance which the authorised person deems necessary.
B16	**Records** Any record required to be kept by a condition of this environmental authority must be kept in legible form at the premises and be conveniently located for examination by an authorised person.
B17	Copies of any record required to be kept by a condition of this environmental authority must be provided to any authorised person or the Administering Authority on request.
B18	**Alterations** 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 or environmental nuisance.

B19	**Calibration** All instruments required under any condition of this environmental authority for the measurement of any parameter must be calibrated, operated and maintained according to the manufacturer's specifications.
B20	A record shall be kept of the date and details of calibration of any instrument required to be kept and operated under this environmental authority.
B21	The record of calibration must be made available to an authorised person or the Administering Authority upon request.
B22	**Maintenance Program** A maintenance program is to be in operation with emphasis on preventative maintenance rather than breakdown maintenance. The maintenance program referred to in this condition is to include, but not be limited to, equipment and facilities used for separating contaminants from the medium in which they are carried, any automatic devices used for securing the more efficient operation industrial plant, any device to indicate or record or give warning of excessive contaminant release and any other device or structure used for the purposes of limited the release of contaminants.
B23	**Community Liaison Committee** The holder of the environmental authority must, in consultation with the administering authority, co-operate with and service any community environment liaison committee established in respect of either the licensed place specifically or the location of the licensed place in general, for example an industrial estate.
Schedule C – Air	
C1	The environmentally relevant activity must be carried out by all practicable means necessary to prevent or minimise the release of contaminants to the atmosphere.
C2	**Nuisance** No release of contaminants, including but not limited to odour, dust, smoke, fume, particulate, and aerosols shall cause or be likely to cause an environmental nuisance beyond the boundaries of the licensed place.
Schedule D – Water	
D1	Contaminants must not be directly or indirectly released from the licensed place to any waters or the bed and banks of any waters except in compliance with the conditions of this Schedule.
D2	**Release Point/s** Contaminants must not be released from the licensed place to any waters at any point other than from **Release Point W1**.
D3	**Contaminant Sources** The only contaminants permitted to be released from **Release Point W1**, are wastes originating from aquaculture ponds 1 to 10 after treatment in the treatment pond system as shown in 'Figure 1 - Plan of the Dams and Ponds'.

D4	**Quantity of Wastewater Released** The quantity of wastewater released during any day shall not exceed 22,500 cubic metres. The total quantity of wastewater discharge during one calendar year shall not exceed 2,737,500 cubic metres, being an average of 7,500 cubic metres per day.
D5	**Quality of Contaminant of Release to Waters** The release contaminants to waters must comply with each of the following quality characteristics: (i) the Suspended Solids shall not exceed a mean value, taken of at least five consecutive monthly samples, of 25 milligrams per litre with no single value to exceed 100 milligrams per litre; (ii) the pH value shall be not less than 6.5 nor more than 8.7; (iii) the Dissolved Oxygen shall be not less than 5 milligrams per litre; (iv) the Total Nitrogen (as N) (determined as the sum of Organic Nitrogen, Ammonia Nitrogen, Nitrite plus Nitrate Nitrogen) shall not exceed a mean value, taken of at least five consecutive monthly samples, of 0.8 milligrams per litre with no single value to exceed 3.2 milligrams per litre; (v) the Total Phosphorus as P shall not exceed a mean value, taken of at least five consecutive monthly samples, of 0.07 milligrams per litre with no single value to exceed 0.28 milligrams per litre; (vi) the Chlorophyll 'a' concentration shall not exceed a mean value, taken of at least five consecutive monthly samples, of 25 micrograms per litre with no single value to exceed 100 micrograms per litre; (vii) for other characteristics not listed above, the release shall not have any properties nor contain any contaminants or organisms in concentrations which make or which, in the opinion of the Administering Authority, are capable of causing environmental harm or an environmental nuisance.
D6	Where more than one limit is specified for a quality characteristic, the contaminants released must comply with each limit for that quality characteristic.
D7	Notwithstanding the quality characteristic limits specified in this water schedule the release of contaminants to waters must comply with the following characteristics; (i) the release must not have any organisms or other contaminants which, in the opinion of the administering authority, are capable of causing environmental harm or an environmental nuisance. (ii) the release must not produce any slick or other visible evidence of oil or grease.
D8	**Times of Release** The release of contaminants to waters must only occur from 1.5 hours after local high water until 1 hour before local low water.
Schedule E – Stormwater Management	
E1	Rainfall and stormwater runoff which may contact wastes or contaminants on the licensed site must not be released to any stormwater drain or waters without the holder of this environmental authority

	taking all practicable measures as may be necessary to prevent or minimise the release of such wastes or contaminants.
E2	Rainfall and stormwater runoff not likely to contact any wastes or contaminants on the premises must be diverted away from any area of the licensed site where contact with wastes or contaminants could occur.
E3	**General** The maintenance and cleaning of vehicles and any other equipment or plant must not be carried out in areas from where contaminants may be released into any waters, roadside gutter or stormwater drainage system.
E4	All spillage of wastes, contaminants or other materials must be cleaned up as quickly as practicable. Such spillage 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.
E5	**Bunding** All chemical and fuel tank storage must be bunded so that the capacity of the bund is sufficient to contain at least 100% of the largest storage tank plus 10% of the second largest tank within the bund.
E6	All chemical drum storage must be bunded so that the capacity of the bund is sufficient to contain at least 25% of the maximum design storage volume within the bund.
E7	All bunding must be constructed of materials which are impervious to the materials stored.
E8	All bunding shall be roofed where practicable.
E9	Where it is impractical to completely roof a bunded area the onus is on the holder of this environmental authority to ensure that any stormwater captured within the bund is free from contaminants or wastes prior to any release.
E10	A collection sump must be provided in the floor of the bunding to facilitate the removal of liquids. The bund floor must be graded so that the fall is towards the collection sump.
E11	**Acid Sulphate Soils** Any acid sulphate soils or potential acid sulphate soils disturbed, extracted or unearthed as a result of carrying out the environmentally relevant activity or activities must not be exposed to the atmosphere.
E12	Any acid sulphate soils or potential acid sulphate soils existing at the licensed place must be maintained in a submerged state. Any leachate from acid sulphate soils or potential acid sulphate soils existing at the licensed place must be treated prior to being released if the untreated leachate has a pH of 5 or less or is otherwise likely to cause environmental harm.
E13	There must be no lowering of the groundwater table at the licensed place where such lowering would be likely to expose any acid sulphate soils or potential acid sulphate soils to aerobic conditions.
E14	**Treatment Pond Conditions**

	All ponds used for the storage or treatment of contaminants or wastes shall be installed and maintained to prevent any discharge through the bed or banks of the pond from causing environmental harm or environmental nuisance in any waters (including groundwaters).
E15	All ponds used for the storage or treatment of contaminants or wastes shall be installed and maintained so that a freeboard of not less than 0.5 metres is maintained at all times.
E16	All ponds used for the storage or treatment of contaminants or wastes shall be installed and maintained to ensure the stability of the ponds construction.
E17	Ponds or other structures used for the storage or treatment of contaminants or wastes, including any associated pumps and control equipment, must not be located in any area below the one in ten year flood level.
E18	Suitable banks and or diversion drains are to be installed and maintained which act to exclude stormwater runoff from any ponds or other structures used for the storage or treatment of contaminants or wastes.
E19	Ponds shall be a maximum of two metres deep to maintain aerobic conditions.
E20	All construction or modification of ponds must be in accordance with the Stormwater Management Plan.
Schedule F – Land Application	
F1	**Prohibition of the Release of Contaminants to Land** No contaminants shall be released from the premises to any land except for any release to waters in accordance with the provisions of the Water Schedule (Schedule D) of this environmental authority or any solid pond waste in accordance with the Waste Management Schedule (Schedule H) of this environmental authority.
F2	Pond sludges shall be disposed to land at the licensed premises in such a manner that contaminated rainfall and runoff is prevented from entering any waters.
Schedule G – Noise	

<table>
<tr><td>G1</td><td>

Emission of Noise

The emission of noise from the licensed place must comply with the levels specified in Table 1 of the Noise Schedule.

Table 1 – Noise Limits

Noise limits at a Noise Sensitive Place

<table>
<tr><td>Noise Level at a Noise Sensitive Place Measured as the Adjusted Maximum Sound Pressure Level $L_{Amax, T}$</td><td>Period</td></tr>
<tr><td>Background noise level plus 5 dB(A)</td><td>7 am – 6 pm</td></tr>
<tr><td>Background noise level plus 5 dB(A)</td><td>6 pm – 10 pm</td></tr>
<tr><td>Background noise level plus 3 dB(A)</td><td>10 pm – 7 am</td></tr>
</table>

Noise limits at a Commercial Place

<table>
<tr><td>Noise Level at a Noise Sensitive Place Measured as the Adjusted Maximum Sound Pressure Level $L_{Amax, T}$</td><td>Period</td></tr>
<tr><td>Background noise level plus 10 dB(A)</td><td>7 am – 6 pm</td></tr>
<tr><td>Background noise level plus 10 dB(A)</td><td>6 pm – 10 pm</td></tr>
<tr><td>Background noise level plus 8 dB(A)</td><td>10 pm – 7 am</td></tr>
</table>

</td></tr>
<tr><td>G2</td><td>

Public Notification

The holder of this environmental authority shall notify potentially affected residents and other land users of the company’s methods of operation and intentions with respect to minimisation of noise emissions prior to commencement of operations.

</td></tr>
<tr><td colspan="2">Schedule H – Waste Management</td></tr>
<tr><td>H1</td><td>Waste must not be released to the environment, stored, transferred or disposed contrary to any condition of this Schedule.</td></tr>
<tr><td>H2</td><td>Waste shall not be burnt or allowed to be burn on the licensed site or removed and burnt elsewhere unless specifically permitted by an environmentally authority.</td></tr>
<tr><td>H3</td><td>All solids wastes must be dealt with in accordance with the Waste Management Plan.</td></tr>
<tr><td colspan="2">Schedule I – Self Monitoring and Reporting</td></tr>
<tr><td>I1</td><td>

General

Monitoring and recording must be performed in accordance with each of the requirements stated in this Schedule.

</td></tr>
<tr><td>I2</td><td>Records must be kept of the results of all monitoring required to be performed as a condition of this environmental authority.</td></tr>
</table>

I3	The results of monitoring must be submitted in accordance with the requirements of this Schedule.
I4	All records must be taken and maintained in accordance with the requirements of this Schedule.
I5	**Complaint Recording** All complaints received by the holder of this environmental authority relating to operations at the licensed place 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.
I6	The complaints record required by Condition I5 shall be maintained for a period of not less than 5 years.
I7	**Incident Recording** A record must be maintained of events including but not limited to: (i) any outbreak of disease in any pond, the treatment methods used to control any outbreak of disease, and the quality of any wastes that may be discharged as a result of such treatment methods, including the quality and quantity of any discharge of chlorinated water including chloro-organic byproducts resulting from the use of chlorinated water; (ii) any failure or collapse of dam or pond walls; (iii) any inundation of ponds due to flooding.
I8	The record required by Condition I7 shall be maintained for a period of not less than 5 years.
I9	**Notification of Emergencies and Incidents** 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 the environmental authority, the holder of the environmental authority must notify the administering authority of the release by telephone or facsimile.
I10	The notification of emergencies or incidents as required by Condition I9 shall include but not be limited to; (i) the holder of the environmental authority; (ii) the location of the emergency or incident; (iii) the number of the environmental authority; (iv) the time of the release;

	(v) the time the holder of the environmental authority became aware of the release; (vi) the suspected cause of the release; (vii) the environmental harm and or environmental nuisance caused, threatened, or suspected to be caused by the release; and (viii) actions taken to prevent any further release and mitigate any environmental harm and or environmental nuisance caused by the release.
I11	Not more than 14 days following the notification of an emergency or incident, the holder of the environmental authority shall provide written advice of the information supplied in accordance with Condition I10 (i – viii) 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 or environmental nuisance, and (iii) the results of any environmental monitoring performed.
I12	The holder of this environmental authority shall notify an authorised person of any disease outbreak. The contents of a diseased pond shall not be released into the treatment pond or to the receiving waters without the approval of the chief executive.
I13	**Monitoring of Contaminant Releases to Waters** For the purposes of checking conformity with Condition D5 of the Water Schedule, the holder of this environmental authority must conduct a Wastewater Quality Monitoring Program to make determinations of the quality of the wastewater released. Such determinations shall be performed at least monthly for at least the following quality characteristics: 1. Suspended Solids; 2. Total Nitrogen as N (determined as the sum of Organic Nitrogen, Ammonia Nitrogen, Nitrite plus Nitrate Nitrogen); 3. Total Phosphorus as P; 4. Chlorophyll a; and on each day that a discharge occurs for: 1. pH; 2. Salinity 3. Dissolved Oxygen; 4. Temperature; 5. Turbidity.
I14	Monitoring of the quality of wastewater shall include but not be limited to samples taken at the outlet of the final treatment pond at a time when maximum daily flow is occurring from the outlet.
I15	All determinations of the quality of contaminants released to waters shall be made in accordance with methods, where prescribed, in the Department of Environment and Science Monitoring and Sampling Manual, Version 2, Jun 2018, or more recent additions or supplements to that document as such become available..

I16	All determinations of the quality of contaminants released must be performed by a person or body acceptable to the Administering Authority.
I17	Records must be kept of the results of all determinations of the quality of contaminants released to waters for a period of at least 5 years.
I18	For the purposes of checking conformity with Condition D4 of the Water Schedule, the volume of contaminants actually released each day must be determined by a method acceptable to the Administering Authority.
I19	Records must be kept of the results of all determinations of the daily quantity of contaminants released to waters for a period of at least 5 years.
I20	**Environmental Impact Monitoring Program** Prior to the commencement of the **activity**, a **receiving environment monitoring program**[1] for the activity must be implemented. [1] Note: The **receiving environment monitoring program** is subject to review and amendment as required by changing regulation, monitoring results or **administering authority** recommendations.
I21	The **receiving environment monitoring program** (REMP) must include at least the following: 1. Clearly stated aims and objectives of the receiving environment monitoring program. 2. Description of operation of the activity including: a. Operational procedures detailing operational rules, accountabilities, recording and reporting requirements and actions to be taken in the event of non-conformance with the procedure for the following aspects of the activity: i. Water management (**pond** water and discharges); ii. Organic waste (sludge) management (handling, storage and monitoring); iii. Land management (vegetation, sediment and erosion, acid sulfate soils, wildlife, weed and feral animals, fire and cultural heritage); iv. Hazardous substances and chemicals management; v. Waste management; vi. Air emissions (odour and noise); and vii. Complaints management. b. Duration and timing of the growing and harvest cycles (if applicable); c. Timing and procedure for inspecting any waste disposal area (if applicable) and drainage systems. 3. A monitoring program[1] to monitor the effects of the activity on the receiving environment regularly and while wastewater is being discharged from the site, that includes: a. Suitable test sites within the receiving waters[2] that are potentially impacted by the release; b. Control sites where relevant background or reference conditions can be established; and c. Monthly sampling not including periods during or immediately after rainfall. 4. A program for annual assessment and reporting. [1]The monitoring program should be developed using the latest version of the **administering authority's** Receiving Environment Monitoring Program Guideline (ESR/2016/2399). [2]For the purposes of the REMP, the receiving waters are the waters of Knoblers Creek. The REMP should encompass any sensitive receiving waters or environmental values that will potentially be affected by an authorised release from the facility.
I22	If the **receiving environment monitoring program** is amended at any time, the amended program must be submitted to the **administering authority** at least 20 business days prior to commencing activities under the amended **receiving environment monitoring program**.

I23	Any comments made by the **administering authority** on the amended **receiving environment monitoring program** provided in accordance with condition I22 must be addressed to the satisfaction of the **administering authority** prior to implementing the amended **receiving environment monitoring program.**
I24	Condition I22 and I23 apply each time the **receiving environment monitoring program** is amended.
I25	If the **receiving environment monitoring program** is amended at any time, the amended program must be submitted to the **administering authority** at least 20 business days prior to commencing activities under the amended **receiving environment monitoring program**.
I26	All determinations for the Environmental Impact Monitoring Program shall be made in accordance with methods, where prescribed, in the Department of Environment and Science Monitoring and Sampling Manual, Version 2, Jun 2018, or more recent additions or supplements to that document as such become available.
I27	All monitoring required by this environmental authority must be carried out and interpreted by an **appropriately qualified persons(s)**.
I28	Records must be kept of the results of all determinations and monitoring carried out under the Environmental Impact Monitoring Program for a period of at least 5 years.
I29	**Monitoring of Construction Effects** All erosion and pollution control works must be inspected following every rainfall event. In addition, weekly inspections, to ensure integrity of the works, must be undertaken during dry weather periods. The dates of inspections, observed condition of the control works and any corrective measures taken must be recorded.
I30	The following information must be recorded: • dates of rainfall events; • rainfall in millimetres; • application of any flocculant or any other substance to any sediment control pond or first flush containment system; • result(s) of any water quality monitoring of any bypass discharges of rainfall in excess of the design capacity of any sediment control pond or first flush containment system; • the results of site and equipment inspections; • corrective measures undertaken.
I31	**Waste Management Monitoring** Where waste is removed from the licensed site (other than by release as permitted under another schedule of this environmental authority) the holder of this environmental authority must monitor and record the following: (a) the date, quantity and type of waste disposed; (b) the location of disposal of the waste;

	(c) the method of disposal of the waste.
I32	Where waste is disposed of on the premises (other than as permitted by another schedule of this environmental authority) the holder of this environmental authority must monitor and record the following: (a) the date, quantity and type of waste disposed; (b) the location of disposal of the waste; (c) the method of disposal of the waste.
I33	Where the holder of this environmental authority becomes aware that a waste transport and/or disposal operator has removed waste from the licensed site (other than by release as permitted under this environmental authority) and disposed of the waste in a manner not authorised by an environmental authority when such authorisation could be reasonably expected for the type and nature of the waste, then the holder of this environmental authority must as soon as practicable of becoming aware of the disposal, notify and advise the administering authority of all relevant facts, matters and circumstances known concerning the disposal.
I34	**Report Submissions** Unless otherwise specified in a condition of this environmental authority, all submissions required to be submitted to the **administering authority** under this schedule, must be submitted to: palm@detsi.qld.gov.au; or Permit and Licence Management Department of the Environment, Tourism, Science and Innovation GPO Box 2454 Brisbane QLD 4001

Appendices

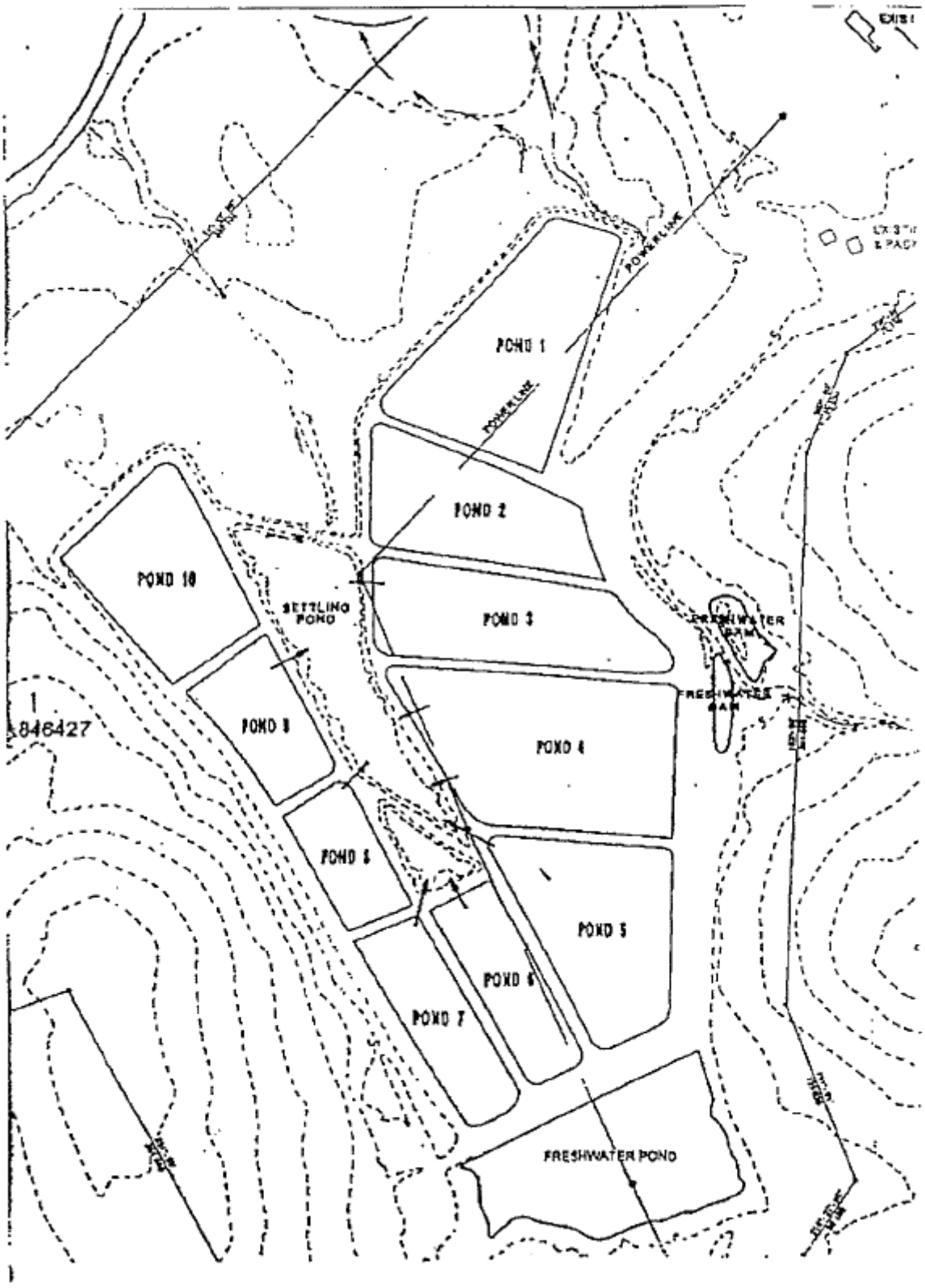


Figure 1 - Plan of the Dams and Ponds

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.

Act means the *Environmental Protection Act 1994*.

Administering Authority means the Department of Environment and Heritage or its successor.

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.

Authorised Person means a person holding office as an authorised person under an appointment under this Act by the chief executive of the Department of Environment and Heritage.

Release Point W1 means the discharge structure of the final treatment pond to waters described as Knoblers Creek at a location described as Knoblers Creek at approximately 1.2 kilometres AMTD.

END OF ENVIRONMENTAL AUTHORITY