

**ENVIRONMENT PROTECTION ACT 1970
SECTION 22(1)
NOTICE TO SUPPLY FURTHER INFORMATION**

TO: TIM RUDGE

**OF: YUMBAH AQUACULTURE PTY LTD
LEVEL 4, 166 ALBERT RD
SOUTH MELBOURNE
VICTORIA 3205**

WHEREAS an application by you for a works approval in respect of premises situated at LOTS 1 AND 8, 315 DUTTON WAY AND LOTS 2 PRINCES HIGHWAY, BOLWARRA, Victoria was received by the Environment Protection Authority ("the Authority") on 29 OCTOBER 2018

AND WHEREAS we consider the information specified herein is necessary and relevant to the consideration of the application

NOW TAKE NOTICE that pursuant to section 22(1)(a) of the Environment Protection Act ("the Act") you are **HEREBY REQUIRED** to supply to the Authority by 2.00pm on the 8 day of March 2019 the information specified in Attachment A of this notice.

DATED: 1 March 2019



**RICHARD HOOK
DELEGATE OF THE
ENVIRONMENT PROTECTION AUTHORITY**

ATTACHMENT A

Yumbah Aquaculture Ltd should:

- (1) provide an explanation of the indicative stormwater map provided (Foresight Engineering Services, 'Civil Design – Operations Area Bulk Earthworks and Roads Indicative Site Stormwater Drainage' Drawing No. YUMB06-CIV-SKE-021 Rev B dated 12.12.2018) comparing current stormwater flow and rate of discharge to proposed changes, collection points, collection drains and discharge points.
- (2) clarify:
 - a. how the daily water supply and wastewater generation/discharge from the nursery and hatchery areas will be isolated from the rest of the farm for biosecurity purposes;
 - b. the wastewater daily flow and discharge rates from the nursery and hatchery areas, as well as characteristics wastewater from these areas;
 - c. whether sludge will be generated in these areas and if yes, how it will be managed.
- (3) provide a response to the referral letter from Wannon Water which specifically addresses sewage connection to the site. This should include confirmation from Wannon Water that a connection is feasible.
- (4) clarify the level of noise predicted to be generated from the freezers and how this has been considered in the noise assessment.
- (5) provide details of the proposed chemical and waste storage. This should include information on location, size and design of storage in accordance with EPA's bunding guideline (EPA 347) and liquid storage and handling (EPA 1698).
- (6) provide conceptual details of the fuel storage, including volume of fuel to be stored on-site and storage facility design, and the measures to ensure compliance with EPA guideline 1698.
- (7) provide further information on the proposed solid waste management strategy specifically:
 - a. details of the size of freezers used to store dead abalone - indicating volumes of waste; and
 - b. where leachate/run-off collected from the solid waste drying pad will be discharged.
- (8) provide further, site specific, information in an updated Hydrogeological Assessment which demonstrates a greater understanding of local groundwater use (particularly potable shallow groundwater) and includes:
 - a. an assessment of potentially contaminating activities that may have occurred, or be occurring on the site;

- b. details of the newly constructed groundwater boreholes;
- c. collection of and analysis of groundwater samples to characterise existing groundwater conditions across the site;
- d. characterisation of groundwater flow direction;
- e. a conceptual site model at a finer scale to inform an understanding of the potential impacts the proposed facility could have upon shallow groundwater flows and quality beneath the site;
- f. appropriate consideration of the potential for, and mitigation of potential risks to those users during both construction and operation, particularly potential mobilisation of any existing contamination that may be present on-site and potential saline intrusion into the shallow groundwater underneath the site. The risk assessment should be updated and include quantification of the risk of from mobilisation of any existing contamination and potential saline intrusion into the shallow groundwater. Details of the design and operational procedures to manage the risk of saline intrusion into the shallow groundwater should also be provided;
- g. further details of how any dewatered water will be treated and disposed of; and
- h. further information and a clear commitment to the implementation of a Groundwater Management and Monitoring Plan.