



ENVIRONMENTAL APPROVAL No. 9777/1

Approval under regulation 12 of the *Environmental Management and Pollution Control (Waste Management) Regulations 2010*

I, Wes Ford, Director, Environment Protection Authority, (the Director), hereby grant approval in accordance with Regulation 12(3)(a) of the *Environmental Management and Pollution Control (Waste Management) Regulations 2010* for the disposal via the outfall at the location specified below of the waste material described below provided the following requirements are complied with:

Approval issued to:

TASSAL OPERATIONS PTY LTD

ACN

106 324 127

Waste description and quantity (the waste):

Treated filtrate derived from fish farm waste
20kL/ hour to a maximum volume of 60kL per 24 hour period

NEPM code and description:

N/A: Not applicable

Location (the land):

EAST DEVONPORT WASTEWATER TREATMENT PLANT BASS STRAIT OUTFALL,
287 BROOKE ST, EAST DEVONPORT TAS 7310

Producer of the waste:

Tassal Operataions Pty Ltd

Period for which approval is valid:

13 November 2017 to 31 March 2018

Requirements:

1. The activity must be conducted in such a manner as to prevent environmental nuisance and environmental harm resulting from escape of the materials, spillage, or emission of dust.
2. If an incident causing or threatening environmental nuisance, serious environmental harm or material environmental harm from pollution occurs in the course of the approved activity, then the person responsible for the activity must immediately take all reasonable and practicable action to minimise any adverse environmental effects from the incident.
3. Any sample or measurement required to be obtained under these conditions must be taken and processed in accordance with the Australian Standards, NATA approved methods, the American Public Health Association Standard Methods for the Analysis of Water and Waste Water or other standard(s) approved in writing by the Director.

Measurement equipment must be maintained and operated in accordance with the manufacturer's specifications.

Samples must be tested in a laboratory accredited by the National Association of Testing Authorities (NATA), or a laboratory approved in writing by the Director, for the specified test. Noise measurements must be undertaken in accordance with the Tasmanian Noise Measurement Procedures Manual.

Results of measurements and analysis of samples and details of methods employed in taking measurements and samples must be retained for at least three years after the date of collection.

4. A sample or samples of filtrate must be collected on a weekly basis and tested and or analysed for the following:
 - BOD5;
 - Suspended solids;
 - Ammonia nitrogen;
 - Total Phosphorus;
 - Oil and Grease;
 - Thermotolerant coliforms;
 - pH; and
 - Total residual chlorine.

5. Filtrate must not exceed the quality limits specified below:
 - BOD5: 2850mg/L;
 - Suspended solids: 1500mg/L;
 - Ammonia nitrogen: 40mg/L;
 - Total Phosphorus: 80mg/L;
 - Oil and Grease: 150mg/L;
 - Thermotolerant coliforms: 1000cfu/100ml;
 - pH: 9; and
 - Total residual chlorine: 1mg/L

6. A weekly email report must be provided to EPA Tasmania and include the following details:
 - Most recent weekly filtrate quality results;
 - Volume of filtrate transported for disposal;
 - Volume of filtrate disposed of;
 - Description of any non-compliance with this approval;
 - Details of complaints or incidents associated with filtrate disposal; and
 - Management actions taken with respect to any incident, non-compliance or complaint.

7. A monthly report must be provided to EPA Tasmania and include the following details:
 - Volumes (sub totals and running totals) of filtrate disposed of.
 - Summary statistics for filtrate quality and daily filtrate volumes disposed of including:
 - Minimum;
 - Maximum;
 - Mean;
 - Median; and
 - Geometric mean.

8. A plume dilution and ambient water quality study is to be commenced within six weeks of the date of issue of this document. The objective of this study would be to confirm or otherwise

that the disposal of filtrate via the East Devonport wastewater treatment plant outfall has not increased the concentration of pollutants to a level that will have detrimental ecological impact above the current risks posed to ecological and recreational values in Bass Strait around the outfall. The scope of this study is to be determined in consultation with EPA Tasmania.

9. A copy of this Approval must be held in a location that is known to and accessible to the person responsible for the activity. The person responsible for the activity must ensure that all persons who are responsible for undertaking work to which this Approval relates, including contractors and sub-contractors, are familiar with the conditions of this Approval to the extent relevant to their work.

Signed:



DIRECTOR, ENVIRONMENT PROTECTION AUTHORITY

Date:

13/11/2017