

Additional matters to be addressed in order for the Environment Protection Authority to complete its assessment of Tassal's proposed expansion of the Huonville processing facility

- Final -

Air Emissions

Tassal has commissioned a detailed investigation of the emissions from the existing smoke ovens used at the Huonville factory, and the forecast emissions from the installation of proposed additional smoke ovens. The investigation has assessed compliance with the Environment Protection Policy (Air Quality) 2004 and has examined potential impacts of air emissions beyond the boundary of the premises against the National Environment Protection Measure (Air Quality) standard for PM₁₀ and the Environment Protection Policy (Air Quality) 2004.

The investigation was conducted on the basis of atmospheric dispersion modelling, compliant with the *Draft Atmospheric Dispersion Modelling Requirements*. The Environment Protection Authority was consulted on the approach to the investigation and modelling and has agreed on the approach. The EPA will be provided with the final modelling report for their comment.

Preliminary results from the investigation indicate that potential air impacts can be managed via the installation of best practice smoke emission reduction technology on both existing smoke ovens and proposed new installations.

Tassal is committed to the installation of best practice smoke emission reduction technology for existing smoke ovens and proposed new installations and anticipates that based on the preliminary results of the investigation, relevant in-stack and ambient air quality standards will be achieved. The EPA will be consulted throughout the design, trial and commissioning of the smoke emission reduction technology.

Liquid Effluent

Wastewater from the factory will be collected in the wet well and be pumped through a screen before being directed into a 200kl concrete wastewater attenuation tank. Out-flows from this tank will be directed through a flow control system to ensure that flows directed to the Council sewer achieve the Councils stated flow rate and quality variability levels. As agreed with the Council, wastewater within the attenuation tank will be constantly aerated to avoid odours and to provide some level of BOD reduction prior to discharge to the Council system. An automatic tank wash system will keep the floor and walls of the tank clean on a regular basis. Monitoring and control of the wastewater system will be achieved via regular inspections and a continuously monitored SCADA system, which will measure in-flows and outflows, tanks levels, dissolved oxygen levels etc.

Huonville Wastewater Flow and Quality and Estimate Information

Parameter		Current	Projected Sep-10	Projected 2015
Flow (average)	kl/d	87	118	205
Flow (max)	kl/d	117	127	267
Flow (min)	kl/d	66	98	179
BOD	mg/l	1,220	1,220	1,220
TSS	mg/l	664	650	600
pH		8.4	8.4	8.4
TKN	mg/l	112	112	112
EC	uS/cm	7,500	7,500	7,500

Transportation Impacts

The following are the main forms of vehicle movement to/from the Huonville factory:

- **Consumable deliveries:** consumables (packaging, staff uniforms, chemicals etc) are currently delivered 1 – 2 times daily in either vans or trucks with 20ft or 45ft trailers. There is no anticipated change in frequency of delivery. However, the volume delivered in each trip may increase.
- **Raw material deliveries:** Salmon for processing is delivered daily by a truck with a 45ft trailer. It is anticipated that one additional delivery will be required per day.
- **Finished product despatch:** Finished product is currently despatched on a daily basis in a refrigerated vehicle, which holds between 12-26 pallets of product. There is no anticipated change in frequency of despatch. However, the volume despatched will increase requiring a larger vehicle – likely to be a truck with a 45ft trailer capable of holding 44 pallets.
- **Waste removal:** product waste (heads, frames, skins, trimmings) is removed in a 14tn truck. It is anticipated that 3 additional loads of waste will be required per week.
- **Food grade pallets:** food grade pallets are delivered once per week in a 45ft truck. It is anticipated that this will increase to 2 days per week.
- **Staff vehicles:** it is anticipated that staff vehicle numbers will increase with additional employment.

Dangerous Goods and Chemicals:

There is no anticipated changes to the use and/or storage of dangerous goods or other fuels/oils/chemicals that have the potential to cause environmental harm if released. Chemicals stored and used on site are food grade cleaning and sanitising products. The volume of use will increase to cater for larger floor space, additional equipment and higher through-put.

Operating Hours

The proposal does not involve additional operations on weekends or public holidays. There is no anticipated change to normal operating days, being Monday to Friday. From time to time, the factory will operate on weekends to meet production demand. Production on public holidays is not anticipated.

Public Consultation

The following have been consulted on the proposed expansion:

- Huon Valley Council
- Environment Protection Authority
- the Premier of Tasmania and his Office
- the Treasurer's Office
- The Department of Economic Development and Tourism
- Australian Labor Party – Member for Bass and Minister for Environment, Parks, Heritage and Arts

Consultation will also take place with:

- neighbours of the current factory
- employee groups, including unions