

Appendix A4 Activities triggered by GNR 893 in terms of the NEM:AQA (Air Emission Licence)

Category 10

Animal Matter Processing

Category 10 Animal Matter Processing		Applicability to the ADZ
Description:	Processes for the rendering cooking, drying, dehydrating, digesting, evaporating or protein concentrating of any animal matter not intended for human consumption.	<p>The seafood processing plants in the ADZ will produce animal matter as waste in the form of fish and shellfish heads, skin/ shells, guts, bones, etc. This material could either be landfilled or further processed into silage, animal feed or it may digested to produce biogas or a more stable product for use in agricultural land application.</p> <p>These types of processing will only be defined as aquaculture farms settle in the ADZ. Each farm will apply for their own air emission licence should they exceed the thresholds.</p>
Application:	All installations handling more than 1 ton of raw materials per day.	<p>Yes. Quantities produced and likely to be processed exceeds 1 ton per day.</p> <p>See List A below for estimated quantities.</p>

(a) The following special arrangement shall apply -

Best practice measures intended to minimize or avoid offensive odours must be implemented by all installations. These measures must be documented to the satisfaction of the Licensing Authority.

List A: Animal Matter Waste Produced in the ADZ that may be Processed

Combined Seafood Processing Plant Waste (Animal Matter) Produced in the ADZ			
	Initial	Target	Long-Term
Abalone solid waste (only 30-35% of an abalone is edible)	105 tn/yr	429 tn/yr	1000 tn/yr
Marine (Seawater) Recirculating Finfish and Shellfish	193 tn/yr	3850 tn/yr	24000 tn/yr
Marine (Seawater) Recirculating Finfish and Shellfish	385 tn/yr	3850 tn/yr	

The EIR and the air quality assessment included an assessment of the odour impacts associated with processing of 40000 tn/yr of fish and stale thus covering the long-term quantities.