

**SITE IDENTIFICATION AND LINKAGE**

Please indicate all the Surveyor-general 21 digit site (erf/farm/portion) reference numbers for all sites (including portions of sites) that are part of the application.

<b>Please see attached overleaf</b>																			

(if there are more than 6, please attach a list with the rest of the numbers)  
 (These numbers will be used to link various different applications, authorisations, permits etc. that may be connected to a specific site)

**PROJECT DESCRIPTION**

**Please provide a detailed description of the project.**

Quantum Foods proposes the expansion of a poultry farm that will be expanded from approximately 30 000 to 60 000 chickens (rounded up) on Bulhoek Farm, near Swartruggens, North West Province. It is expected that there will be eight (8) new chicken layer houses constructed each with a footprint of either 60 m x 13.5 m or 100 m x 12 m depending on the site.

In terms of waste removal, the chicken carcasses will be taken to the local zoo (after the quarantine period on the farm) and the remaining general waste will be disposed of at a registered landfill site. The chicken manure is collected by an external farmer to use as fertilizer.

Usable water (for basic sanitation, drinking, and washing chicken houses) will be sourced from the three (3) boreholes present on site. They supply approximately 228 742.31 m<sup>3</sup>/month. The three (3) reservoirs present on site have a capacity of approximately 100 000 litres. A Water Use License will be applied for usage of the borehole water.

Sewage currently on site is kept in holding tanks until it is removed by a service provider.

The chicken houses are currently being washed once a year with a biodegradable, and non-toxic wash (EnviroClear). It is predicted that only dirt (i.e. soil and windblown sand) and dried chicken manure are currently by-products of the wash (besides the cleaning agent). Approximately 6000 L of water in total are currently being used to wash the chicken houses. Waste wash water is currently disposed of in the field. However, Quantum Foods proposes the development of thirteen (13) evaporation ponds (each being 25m<sup>2</sup>) to treat the wash water. A Waste Management

