

DP-SK-016 Containment Measures

Cleaning Products:

Cleaning agents are kept in a locked store with a spillage kit. The production manager, day cleaners and night cleaners, QA and security staff have keys. Only one week's supply of cleaning agent is kept at any one time. The store is equipped with a fire extinguisher and basic spillage kit and has a concrete floor. Acids are stored in a bunded area and alkalis are stored elsewhere in the room. Product labels and emergency numbers are present on the walls (Scott Wilson, 2004). A list of Control of Substances Hazardous to Health (COSHH) and Material Safety Data Sheets (MSDS) sheets is kept on site.

All cleaning undertaken is recorded and signed off daily by the QA. A full programme of cleaning schedules is provided in the site report. Cleaning areas are itemised and any issues raised during the clean down are highlighted. The QA checks and signs the sheets. Cleaning is also monitored by the Meat Hygiene Service and the QA who undertake pre-operational checks. The QA manager monitors the microbiological results.

The administration manager orders the cleaning agents weekly and would then notice if too much had been used, indicating the incorrect concentration had been used.

Effluent Treatment Plant:

The tanks are formed of glass coated steel with the exception of the Lamella tank which will be grade 304 stainless steel.

Dimensions of tanks:

- Balance Tank: 10m Dia x 4.0H, 3.0m to TWL
- MBBR Unit: 14m Dia x 4.2H, 3.2m to TWL
- Lamella Settling Tank: 3.5mL x 1.8mW x 3.0mH
- Sludge Storage Tank: 4.0 Dia x 4.0mH

Minimisation of water:

Dovecote Park Ltd has a high consumption of potable water because of its compliance with UK and EC meat hygiene legislation.

Cleaning accounts for most of the water usage at the abattoir. The volume of water is minimised through good practices in cleaning techniques.

Contamination of process water is reduced through BAT cleaning and process techniques whereby the quantity of waste meat product entering the drainage system is reduced through dry cleaning the area before wet cleaning and using mesh catch-pots in the drains. Dovecote Park's water consumption compares favourably with the industry standard of 700 – 1000 litres /animal.