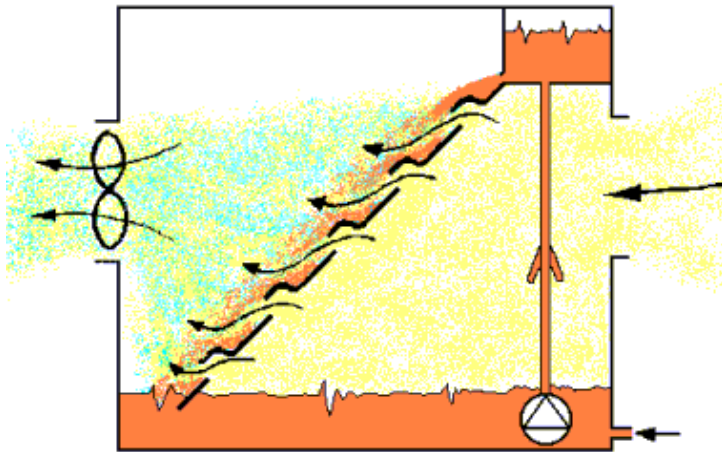




Pig waste concentration combined with air scrubbing using GALICOS in the Hercules pig house.

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GALICOS (picture on the left) has a perforated plate to provide contact between air and liquid from the Hercules pig house.

The aim is to evaporate water from liquid pig waste and scrub ammonia from exhaust air of a pig house.

Warm exhaust from the pig house is used to evaporate water from acidified liquid pig waste. The object is to reduce pig waste volume and produce a replacement for chemical fertilisers.

By acidification of the liquid with nitric acid, ammonia is scrubbed from the air and a concentrate containing 8-10% nitrogen by weight is produced.

