

**Slamson Ghana, Ltd.**  
**Waste Management Projects**  
**Updated: September 19, 2016**

**Liquid Waste Management, Accra, Ghana**

**Pilot plant, Korle Lagoon, 2012-2015**

With the Accra Municipal Assembly (AMA) and Zoomlion, Slamson constructed and operated a small-scale pilot plant for the treatment of approximately 600 m<sup>3</sup> of septic waste per day in Accra's city centre. The aim was to test the viability and sustainability of an environmentally and socially safe alternative to the dumping of raw septic waste at Lavender Hill, the infamous beach front site in Accra where the Korle Lagoon empties.

**Pilot site, Korle Lagoon (Accra, Ghana)**



Construction began in November 2012, and the site was commissioned in March 2013. Slamson successfully operated the site until June 2015, when it was handed over to Zoomlion, consistent with the original contract.



## June 2015: DANIDA-funded site (2015-2020)

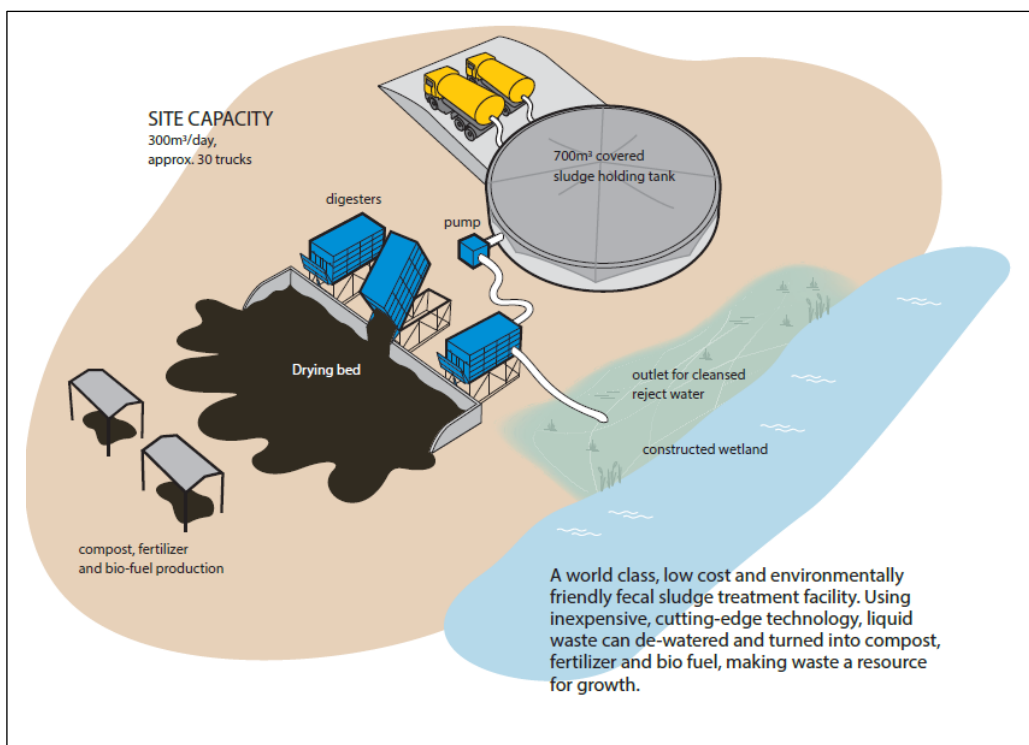
In June 2015, Slamson signed a contract with AMA to construct and operate an additional water treatment site at Lavender Hill, with the aim to close the beach-dumping site at Lavender Hill for good. Danida (Danish development agency) awarded funding to the project, and construction began in August 2016, with an expected commissioning date of November 2016.

## Accra, Ghana: New site (Lavender Hill) in relation to previous site



## Components of Liquid Treatment Site

### Site Capacity: Scaled to Desired Size



- Holding Tank**
- Polymer Pump**
- De-Watering Containers/Digesters**
- Drying Beds**

## Treatment of Reject Water (depending on space):

Activated Sludge technology OR Constructed Wetlands

Use of Dried Sludge: multiple (see Resource Recovery)



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