



**LEACHATE TREATMENT TANKS**  
> URBAN AND INDUSTRIAL EFFLUENTS

**PROJECT OWNER :** Haya Water

**INSTALLATION DATE :** decembre 2015

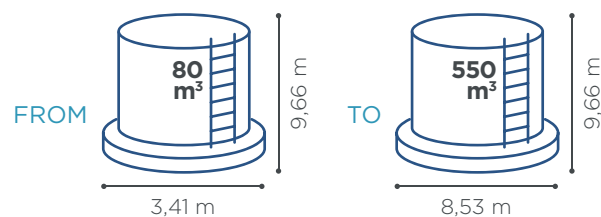
**LOCATION :** Sita & Al Bashaer Environment project.  
Al Amerat, Oman

**STORED LIQUID :** Leachates

**GLOBAL VOLUME :** 1 310 m<sup>3</sup> / 4 tanks

**TANKS :** 2 nitrification tanks (500 m<sup>3</sup>)  
1 denitrification tank (120 m<sup>3</sup>)  
1 foam tank (50 m<sup>3</sup>)

**DIMENSIONS :**



## PROJECT FEATURES:

The Sultanate of Oman is experiencing a significant increase in population and infrastructure needs. To meet its growing waste management needs, Haya Water, the sanitation authority in Oman, has set up the largest non-hazardous solid waste landfill in the country. Located one hour from the capital Muscat, the site Al Amerat receives an average of 950 tons of waste per day, dumped by some 300 trucks. This installation has been built to European standards to meet the requirements of local authorities who wish to be exemplary in the field of waste treatment. This is the only landfill in the Gulf region that has a leachate treatment plant.

## LOCATION:

- > Storage site subject to high temperatures.
- > Geometry of reservoirs very specific.
- > Installation of a cathodic protection to protect against the aggressiveness of the leachates.



> FIRE FIGHTING TANKS

> SEWAGE WATER TREATMENT TANKS

> OIL & GAS - POWERPLANT

> POTABLE AND PROCESS WATER TANKS

> TANK COVERS

> TANK MAINTENANCE AND ANCILLARIES



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