

development peak runoff rate and quantity;

- ☐ Manufacturer's data for the purchased components, confirming that the system is capable of collecting 90% of stormwater and is able to treat to the required quality standards;
- ☐ Updated OMP containing maintenance procedures and schedules; and
- ☐ Photographs confirming the installation of the stormwater management strategy and quality control measures.

Calculations and Methodology

All water infiltrated through SUDS is considered to be 100% treated, achieving all the required quality control standards

Design storm events for the different regions of Abu Dhabi are described within the DoT Road Drainage Manual.

Calculations must be signed off by a qualified civil engineer.

A qualified Civil Engineer is an individual with:

- A degree in a relevant subject;
- A minimum of five years relevant work experience ; and
- Experience working on similar projects in the region.

References

- Environment Agency Abu Dhabi, EAD: www.ead.gov.ae.
- CSIRO (2006) *Urban Storm water Best Practice Environmental Management Guidelines*. Australia.
- DoT (2012) *Road Drainage Manual - Volume I - Standards and Criteria*. Abu Dhabi, UAE.