

Commissioning Support Services for Ajman STP



Top of UASB Reactor at Ajman STP



Side View of UASB Reactors at Ajman STP

Project Name

Commissioning Support Services for Ajman STP

Client

Government of Ajman, Ajman Sewerage Private Company Limited (ASPCL)

Engineering, Procurement and Construction (EPC) Contract

ASPCL and a consortium consisting of Black & Veatch Group Ltd (UK) and a joint venture of Besix (Belgium) and Six Construct Ltd (UAE).

Operation and Maintenance:

ASPCL and Moalajah FZC (owned by Veolia Water AMI (France) and Besix Group SA (Belgium)).

Contract Period of Earthcad Services:

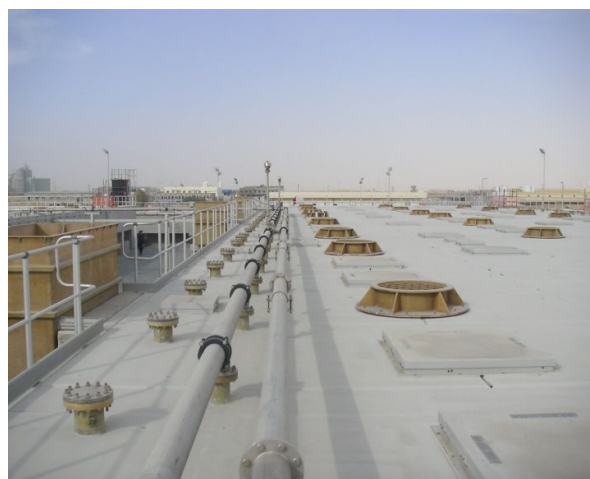
October 2008 to September 2009

Scope of Work for Earthcad:

- Review of existing O&M procedures, Performance Monitoring Reports, Designs and Engineering Drawings.
- Preparation of an Inception Report for necessary actions and adjustment related to the present requirements and commissioning support.
- Preparation of a monthly Performance Monitoring Report.
- Preparation of UASB Sludge Profile on a fortnightly basis to determine Sludge Wasting based on sludge analysis as well as sludge mass balance.
- Checking of calculations for Air Requirements for Aeration System, Blower Capacity etc.
- Data analysis, fault finding and optimization to ensure the treatment processes perform to the required level in a stable manner.
- Optimization of chemical and power consumption against the prescribed criteria.



Distribution Box of UASB Reactor



Gas Piping System in UASB Reactor



Pre Treatment before UASB Reactor