

During maintenance shutdown of the plant in April 2011., Consultant identified evident concrete degradation on the walls of the SBR chambers and Flow Splitting chambers within Waste water treatment plant. Further inspection was required for detail assessment of the walls, in order to evaluate actual damage on the structure and its causes.

Freyssinet Menard Qatar was awarded a project of structural assessment and reporting on the current condition of the selected chambers. Mission on the project was divided in 3 phases:

**Field Works** - visual observation and collection of the sample from the concrete walls,

**Laboratory Testing** – analysis of the collected samples in laboratory condition

**Reporting** – proposal of appropriate remedial action, based on laboratory findings and relevant reports.

Complete duration of the project – 1 month.

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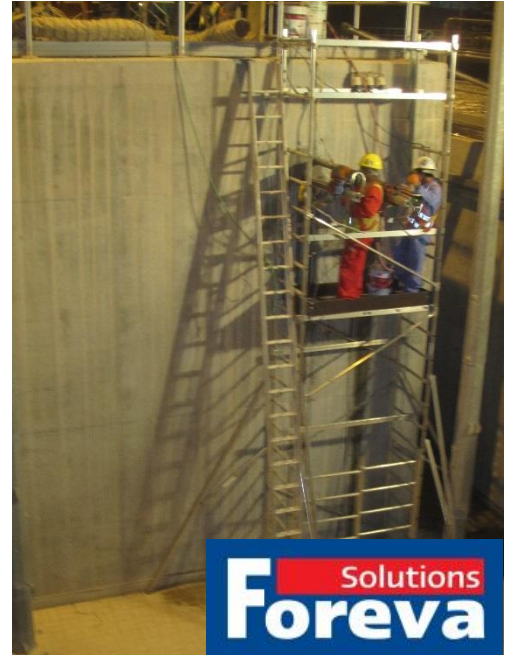
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## Repairs

### Structural Assessment Works

South Doha Waste Water  
Treatment Plant, Qatar



#### Client

ASHGHAL

#### Consultant

Veolia Qatar

#### Contractor

Veolia Qatar

#### Execution

April 2012