

GROUND IMPROVEMENT

Theme Park on Yas Island Abu Dhabi

LIFESTYLE & ENTERTAINMENT • STONE COLUMNS (VIBRO REPLACEMENT)



Client

Farah Leisure Parks Management

Consultant

Louis Berger / AECOM

Main Contractor for Enabling Works

NSCC International

Location

Abu Dhabi, UAE

Start Date

February 2015

Completion Date

September 2015

Project Details

As main contractor for the enabling works, NSCC's scope of works includes vibro replacement works via installation of stone columns, relocation & protection of existing utilities, grading works and construction of an access road.

Method	: Wet Top Feed
Stone columns	: 18,111 nos.
Stone columns diameter	: 1,000 mm
Depth	: 7 - 15 m
Total linear metre	: 151,226 m
Volume	: 840,528 cubic metres
Area of treatment	: 93,392 m ²
Equipment used	: 4 nos. Vibroflot B27

The planned theme park will boast 19 themed rides, a hotel and multiplex cinemas, and is part of the expansion of Yas Island as a local and international tourist destination.