Technical Requirements:
Supply bearing capacity and prevent liquefaction in an earthquake.

Project Location:
Jebel Ali, UAE

Main Contractor:
Dutco Balfour Beatty

Engineer:
AECOM, CH2M

Client:
Dubai World Port

Project period
Dec 2015 – March 2017

Method Applied:
17,000,000 m³ Vibro Compaction to 14 m depth.
Up to three TC1 Tandem rigs with B41 vibroflots installing vibro compaction in a 5.20 m triangular grid.

Quality Control Testing:
Cone Penetration Testing (CPT) before and after compaction.