

# Near-Shore Geotechnical Investigation Survey, Doura - Lebanon

EDESSA was retained by the Council for Development and Reconstruction (CDR) in association with EDT Offshore of Cyprus to conduct a survey of the sea outfall pipes of the northern Beirut wastewater treatment plant located in Borj Hammoud. The project is a 1 million Euro project funded by the European Investment Bank (EIB).

During the Inspection and Survey of two sewer Outfalls at Doura Lebanon, multiple inspection works were done including an extensive near-shore geotechnical soil analysis in order to assess the liquefaction hazards of soil in the pipelines area under natural and man-made features impacts.

This study included the drilling of 5 boreholes and the interpretation of the results of a large number of boreholes, Cone Penetration Tests (CPT) and Vibrocores that were undertaken under the supervision of EDESSA team and ACE within the project area.

