

Tabarja/Kfaryassine Sewer Outfall

EDESSA was retained by the Municipality of Tabarja and Kfar Yasine to undertake a geological and geotechnical site assessment and to elaborate a conceptual design along with budgeting of a new sewer outfall. The area surveyed covered the potential alignment of a 1,000 mm diameter outfall reaching depths of about 60m.

During this survey EDESSA undertook a bathymetric survey and elaborated a new bathymetric chart for the area. The survey also included technical diving in order to document the conditions of the seabed and the outfall.

The project also included a **geotechnical and geomorphologic assessment of the seabed**. The findings indicated the presence of a depression infilled with sediments in the southwestern part of the site quite different from the rugged and rocky seabed noted to the east and the north and this geomorphologic feature was found to be a major advantage in siting an outfall.

