

Sea Outfall of Northern Beirut Wastewater Treatment Plant, CDR (EIB)



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)**.

The work included significant marine surveys in order to assess the context of the pipe in its environment between the Borj Hammoud landfill, the Beirut River and the Beirut Harbor. Significant under water videoing and photos were taken in order to document the outfall pipe conditions and the marine environment.

A full ROV survey was also done of the 1.7km outfall pipe and the 600m overflow pipe in order to provide recommendations regarding the repair of the pipe and the connection with the wastewater treatment plant once it will be ready for construction.

