

# Waste Characterization Study, Domestic Solid Waste Management Center, Qatar

EDESSA was retained by **Keppel Seghers** to conduct a dual waste characterization survey within the **Domestic Solid Waste Management Center at Mesaieed** (DSWMC), Qatar.

The Waste Characterization survey was conducted in accordance with ASTM D 5231-92, "Standard Test Method for Determination of the Composition of Unprocessed Municipal Solid Waste".

Two waste characterization surveys took place concurrently at the Keppel Seghers' Domestic Solid Waste Management Centre in Mesaieed:

- The first survey (Survey A) was done on fresh incoming pre-sorted wastes as received at the Reception Hall;
- The second survey (Survey B) was done on sorted wastes taken from the processed waste bunker of the facility.

Following the completion of the surveys the data was analyzed and the results were presented in order to provide the best estimates of waste composition. As part of the project, randomly collected samples were analyzed for calorific values using internationally approved standards.

