

Wastewater Situation in Lebanon

Lebanon

EDESSA was commissioned by a private client to undertake a Wastewater Market Study in order to identify the current wastewater situation in Lebanon.

In order to complete this study, EDESSA consulted past and current studies regarding the wastewater situation in Lebanon and established contacts with the main stakeholders involved in the wastewater management and treatment in Lebanon.

Wastewater management in Lebanon is currently one of the largest environmental issues facing the country. Around 274.5 Mm³ of domestic wastewater are generated nationally each year. Only 60% of households currently discharge their wastewater to municipal sewer systems, whereas the remaining volumes are discharged to open air sewers or to sanitary pits. Only 8% of the total generated domestic wastewater is treated, which is equivalent to a volume of 21.95 Mm³. In addition, Lebanon generates around 55 Mm³ of industrial wastewater each year.

Our study included the following items:

- Overview of the Wastewater Sector in Lebanon;
- Types and Constituents of Wastewater;
- Relevant Legislations and International Guidance;
- Current Wastewater Treatment Methods; and
- Assessment of Market Potential.

