

WASTEWATER SECTOR

ALEY (MOEW MASTER PLAN ZONE 8) WASTEWATER SYSTEM

GOVERNMENT ENTITY
Ministry of Energy and Water / Beirut - Mount Lebanon Water Establishment
PROJECT DESCRIPTION
<p>The project comprises two components:</p> <ul style="list-style-type: none"> - Two activated sludge technology wastewater treatment plants: Maasriti/Chourit, serving Region A (65,000 PE year 2035 and 97,000 PE year 2050) and Charoun, serving Region B (15,000 PE year 2044 and 22,500 year 2050); and - Their relative collection and conveyance systems, totalling 266km of lines.
OBJECTIVES AND EXPECTED IMPACT
<ul style="list-style-type: none"> - Protecting the water resources in the region from contamination with sewage. - Protecting the ecosystem of the Damour and Safa River, part of which was included in the UNESCO nature and environment reserves protection program particularly the valley of Damour. - Improving water quality, health and sanitation conditions.
EXPECTED ROLE OF THE GOVERNMENT
<ul style="list-style-type: none"> - Finalize the location of the sites and initiate the land expropriation process. - Help secure financing for the project. - Initiate a tariff reform, require metering and enforce connections. - Ensure appropriate quality and quantity of influent.
EXPECTED ROLE OF THE PRIVATE PARTNER
<ul style="list-style-type: none"> - Design, build, operate and maintain the above systems for 35 years. - Monitoring the quality and characteristics of the raw wastewater. - Respect the effluent and air quality standards set by the Ministry of Environment. - Provide staff training.
PROJECT LOCATION
<ul style="list-style-type: none"> - Region A includes the villages of: Sofar (partly ~70%), Mansouriyet Bhamdoun (partly ~50%), Majdelbaana, Chanay, Bedghane, Charoun (partly ~50%), Mecherfe, Mazraat el Nahr, Btater, Ain el Halazoun, Habrammoun, Bserrine, Ramliyye, Mraijat, Kfarnis, Majdelmeouch (partly ~70%), Chourit, Maasriti, Rechmaya and Ain Trez. - Region B including the villages of: Charoun (partly ~50%) and Eghmid (partly ~90%).
PROJECT TIMELINE
<ul style="list-style-type: none"> - Draft EIA recently submitted to Ministry of Environment. - Feasibility study completed - Expected construction period of 2 years
EXPECTED COST (USD)
CapEx and Expropriation: USD 75MM.
CONTACT
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