

1- Project's Description:

Based on the South Lebanon Water Establishment, Lebaa L1 & L2 and Kfarjarra L3 & L5 pumping station in Saida District are in brief two main lifting stations for part of the Waste Water driven to the main Waste Water treatment Plant in SAINIQ (Saida Seashore).

Due to the geographic complexity in the upper Saida region, these lifting stations were constructed to lift sewers from low points in Lebaa and Kfarjarra to be conducted again by gravity to the SAINIQ treatment plant.

In Lebaa, the major part of houses is below the main sewer network. A collection point was created at the lowest point in the village to collect all waste water. L1 and L2 were supposed to pump out all the gathered waste water and direct it to the SAINIQ plant.

Putting back L1 & L2 into function will relief the area from excess of waste water collected.

In Kfarjarra, similar issue arises especially that L3 & L5 lifts waste water for Kfarjarra and Choualik.



Figure 1: Lebaa L1





Figure 2: Lebaa L2



Figure 3: Kfarjarra L3 & L5