



## Project Experience

The client wanted to develop a table salt plant. Since desalination was required to extract the salt from the seawater and potable and/or industrial quality water was concurrently produced, the customer wanted to study the feasibility producing industrial grade water and potable water. The objective of the feasibility study was to determine economic viability of each product based on the local market demand.

CAPACITY: SALT: 200,000 - 800,000 T/Y, WATER 10,000 M3/D (2.6 MGD) - 60,000 M3/D (15.8 MGD)

## Table Salt Plant and Industrial & Potable Water Production



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### CONCEPTUAL DESIGN

A conceptual design was carried out to determine technology selection, process integrity, equipment sizing, power & utility requirements, plot plan requirements.

### ECONOMIC FEASIBILITY

CAPEX and OPEX estimations were developed in order to evaluate return on investment based on various operational scenarios and fluctuating market conditions

### PROJECT DELIVERY OPTIONS

Project delivery options were evaluated to provide client cost benefit analysis as well as a risk assessment based for each delivery option

### TECHNOLOGY

Clarification, DAF, SWRO, BWRO, EDI, Bottle Water Plant, Evaporator (MVR), Crystallizer (FCC), Solids Handling System