



Caverne Bouteille Desal Plant

Rodrigues, Mauritius



Project Details

Client:	Rodrigues Public Utilities Corporation
Project Type:	EPC + O&M
Initiated:	October 2023
Completed:	December 2023
Design Capacity:	260 m ³ /d
Project Value:	1 450 000 ZAR

Project Description

Impact Water Solutions (IWS) was contracted by Rodrigues Public Utilities Corporation (RPUC) to repair and recommission the desalination plant in Caverne Bouteille. The plant was decommissioned in 2022 due to the breakdown of HP and iSave pumps. This project now provides clean water to the communities of Rodrigues by supplying around 260m³/day of fresh water. According to RPUC representatives, this will benefit approximately 1200-1500 families in meeting their day-to-day water needs.

During this refurbishment, IWS and its expertise trained RPUC members to operate the plant daily and replace necessary spare parts over its lifespan. The client has expressed complete satisfaction with the project, as IWS kept its promise of refurbishing the plant on time, just before the dry period of December/January and February, alleviating tremendous water stress difficulties in the communities. Now, with the plant running smoothly and still supervised remotely through the eyes of IWS experts, the local population can optimize their agricultural productions and meet daily household needs.

Project Impact

260 m³/d Sustainable Water Supply **1** Employment Opportunity

