

EPC Containerized BW RO Plant for Desert Camp

Client: Mellitah Oil and Gas, B.V.

Location: Camp Location in Desert

Equipment: Brackish Water RO Desalination Plant

Design: 10,000 L/day Permeate from Well water

Application: Drinking

Year: 2022

Scope:

- Engineering & Design** – Technical drawings, compliance with Brackish Water RO system standards, risk assessments.
- Procurement & Fabrication** – Containerization of BWRO Plant, membranes, filtration units, pumps, dosing systems, QA/QC inspections.
- BWRO System Installation** – Assembly of pre-treatment (carbon filters), RO membranes, and post-treatment units.
- Instrumentation & Control** – Automatic Control, Monitoring sensors, and calibration of flow/pressure transmitters.
- Commissioning & Handover** – Performance testing, water quality validation, and final documentation.

