

PROJECT LOCATION



The Kalaeloa Seawater Desalination Facility will be constructed on a 20-acre empty lot in Campbell Industrial Park.



PROJECT RENDERINGS



The new facility will produce 1.7 million gallons of fresh water daily for Campbell Industrial Park.

The state-of-the-art facility will be built on an empty lot at the end of Olai Street in Campbell Industrial Park.



This new source of fresh water is projected to begin operations in 2027.



HOW DESALINATION PRODUCES FRESH WATER FROM SEAWATER

The Kalaeloa Seawater Desalination Facility will produce fresh water for drinking, sanitation and commercial uses by utilizing widely accepted, state-of-the-art technology to safely remove mineral salts from seawater.

Upon being pumped into the facility, the seawater will be pressurized using a process of reverse osmosis that separates the fresh water from mineral salts as it is passed through a semi-permeable membrane within the system.

The result is a conversion of seawater to pure fresh water that is continually produced throughout the day.



Typical Kalaeloa Desalco Seawater Reverse Osmosis Facility designed, built and operated by Kalaeloa Desalco.



PROJECT OVERVIEW

The Honolulu Board of Water Supply has an agreement with Kalaeloa Desalco LLC to construct, operate and maintain a seawater desalination facility in Campbell Industrial Park that will produce 1.7 million gallons of fresh water daily for Campbell Industrial Park.

The Kalaeloa Seawater Desalination facility will provide a high-quality local water supply that is drought-proof, sustainable, enhances water resilience to climate change, and reduces water transfers from Central O'ahu.



The new Kalaeloa Seawater Desalination Facility will include space for visitors available to the community.



OWNER

Honolulu Board of Water Supply

DESIGN-BUILD-OPERATE-MAINTAIN (DBOM) CONTRACTOR

Kalaelo Desalco

Hawai'i General Contractor #CT-38284

GENERAL CONTRACTOR

Nordic PCL

Hawai'i General Contractor #CT-17

ENGINEER OF RECORD

PACE Advanced Water Engineering

Hawai'i Professional Engineer #PE-13718

CIVIL DESIGN

Bowers + Kubota

Hawai'i General Contractor #CT-27341

Hawai'i Professional Engineer #PE-9548



**HONOLULU
BOARD
OF WATER
SUPPLY**



**KALAELOA
DESALCO LLC**

