



STAKEHOLDER ADVISORY GROUP

Board of Water Supply, City & County of Honolulu
April 18, 2024
Meeting 50

WELCOME & INTRODUCTIONS

DAVE EBERSOLD, FACILITATOR

STAKEHOLDER ADVISORY GROUP MEETING 50

APRIL 18, 2024



MEETING OBJECTIVES

- Receive update on Kalaeloa Seawater Desalination Project
- Accept notes from meeting #49
- Receive BWS updates
- CELEBRATE 50th MEETING



PUBLIC COMMENT ON AGENDA ITEMS





KALAELOA SEAWATER DESALINATION PROJECT UPDATE

Barry Usagawa
Water Resources Program Administrator

April 18, 2024
www.boardofwatersupply.com

PROJECT TEAM MEMBERS



**HONOLULU BOARD
OF WATER SUPPLY**

Owner



**KALAELOA
DESALCO LLC**

DBOM Contractor



General Contractor



Engineer of Record



Civil Engineering
Design



**HONOLULU BOARD
OF WATER SUPPLY**



**KALAELOA
DESALCO LLC**

ABOUT THE DESIGN-BUILD-OPERATE- MAINTAIN (DBOM) CONTRACTOR



Kalaeloa Desalco team installed their first Seawater Reverse Osmosis (SWRO) plant in 1989



Expertise is focused on designing, building, operating, and maintaining SWRO systems in island environments

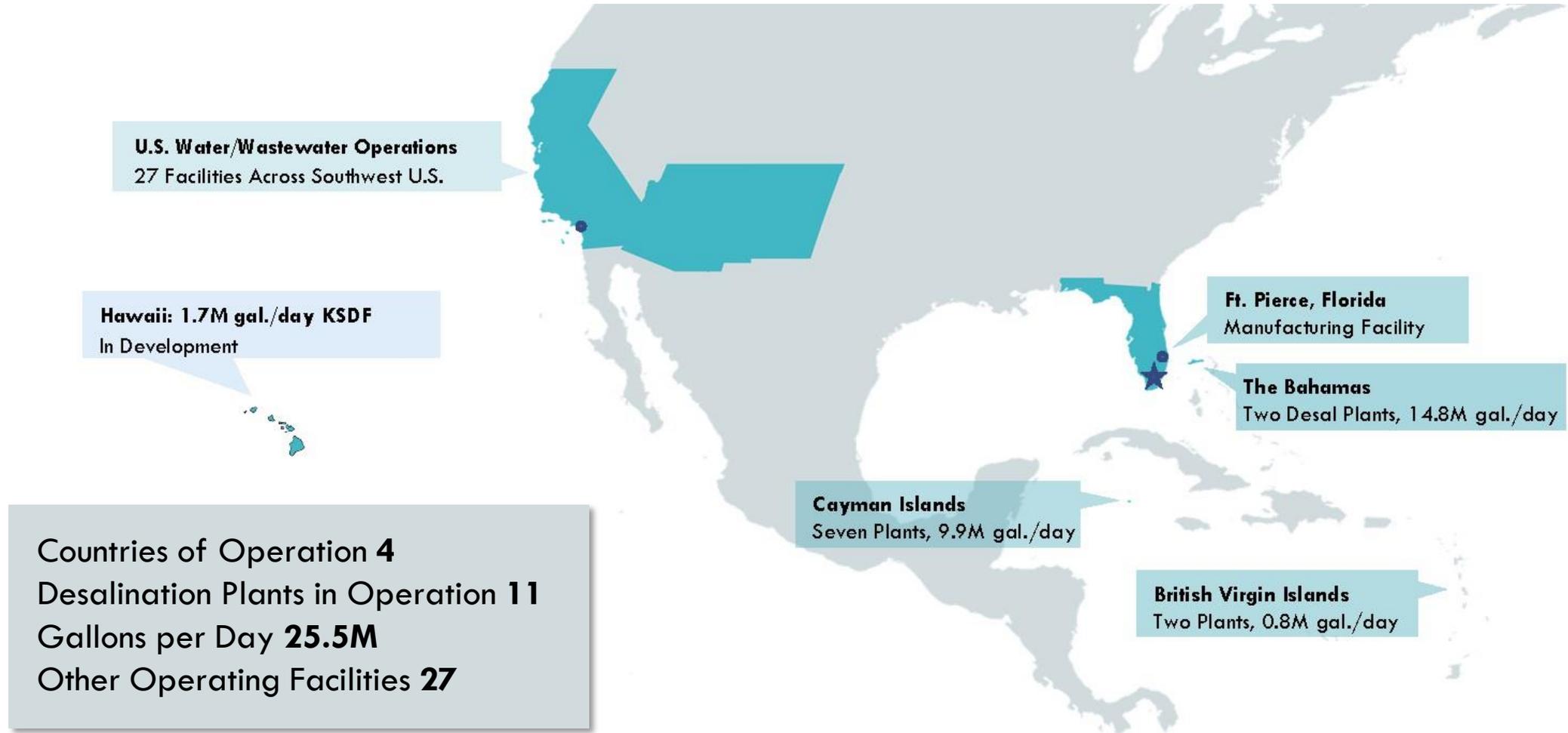


**HONOLULU BOARD
OF WATER SUPPLY**



**KALAELOA
DESALCO LLC**

ABOUT THE DBOM CONTRACTOR



ABOUT THE PROJECT



Project was authorized by Congress on **September 21, 2005**



BWS entered into a Service Agreement in June 2023 with Kalaeloa Desalco LLC to pilot, design, permit, construct, operate and maintain the new seawater desalination facility



Introductory Community Open House was held on September 21, 2023 in Kapolei, HI



**HONOLULU BOARD
OF WATER SUPPLY**



**KALAELOA
DESALCO LLC**

WHY THE PROJECT IS NEEDED



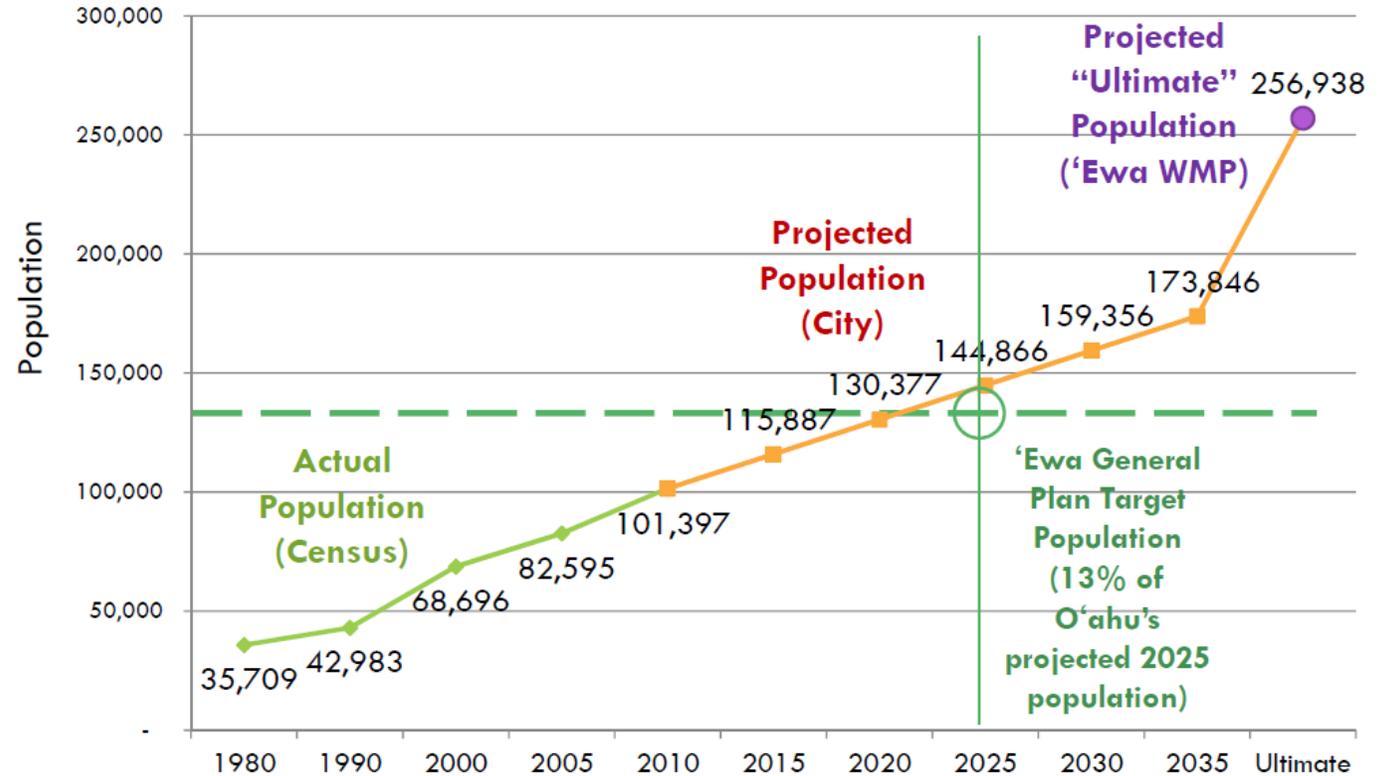
Approaching BWS 'Ewa system capacity



'Ewa District population increase



Increase in drinking water demand



PROJECT BENEFITS



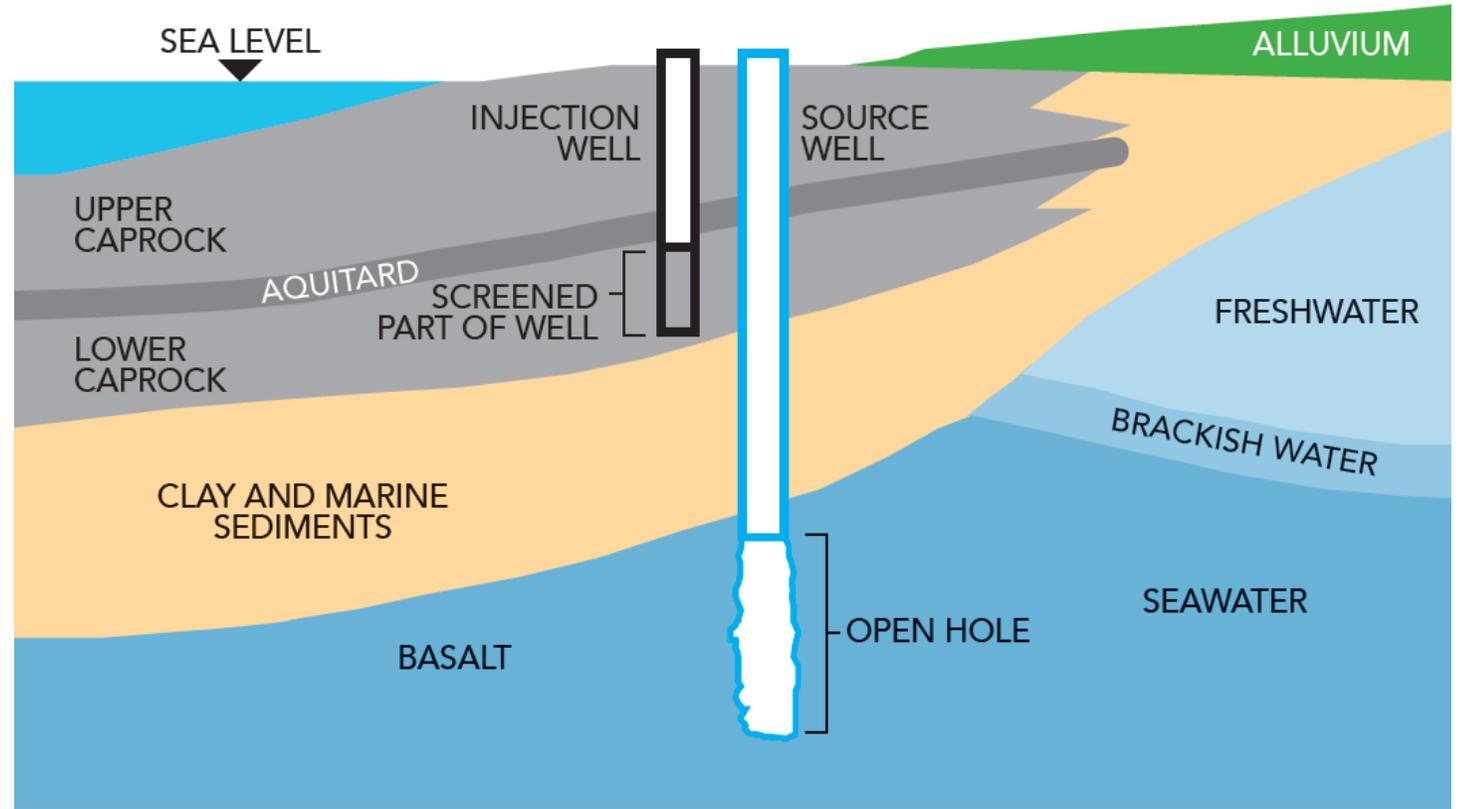
Develops a drought-proof water supply



Supports the 'Ewa Development Plan's directed growth policies with a high-quality, local water supply that is environmentally sustainable



Enhances water resilience to climate change



HONOLULU BOARD OF WATER SUPPLY



KALAELOA DESALCO LLC

KALAELOA SEAWATER DESALINATION FACILITY

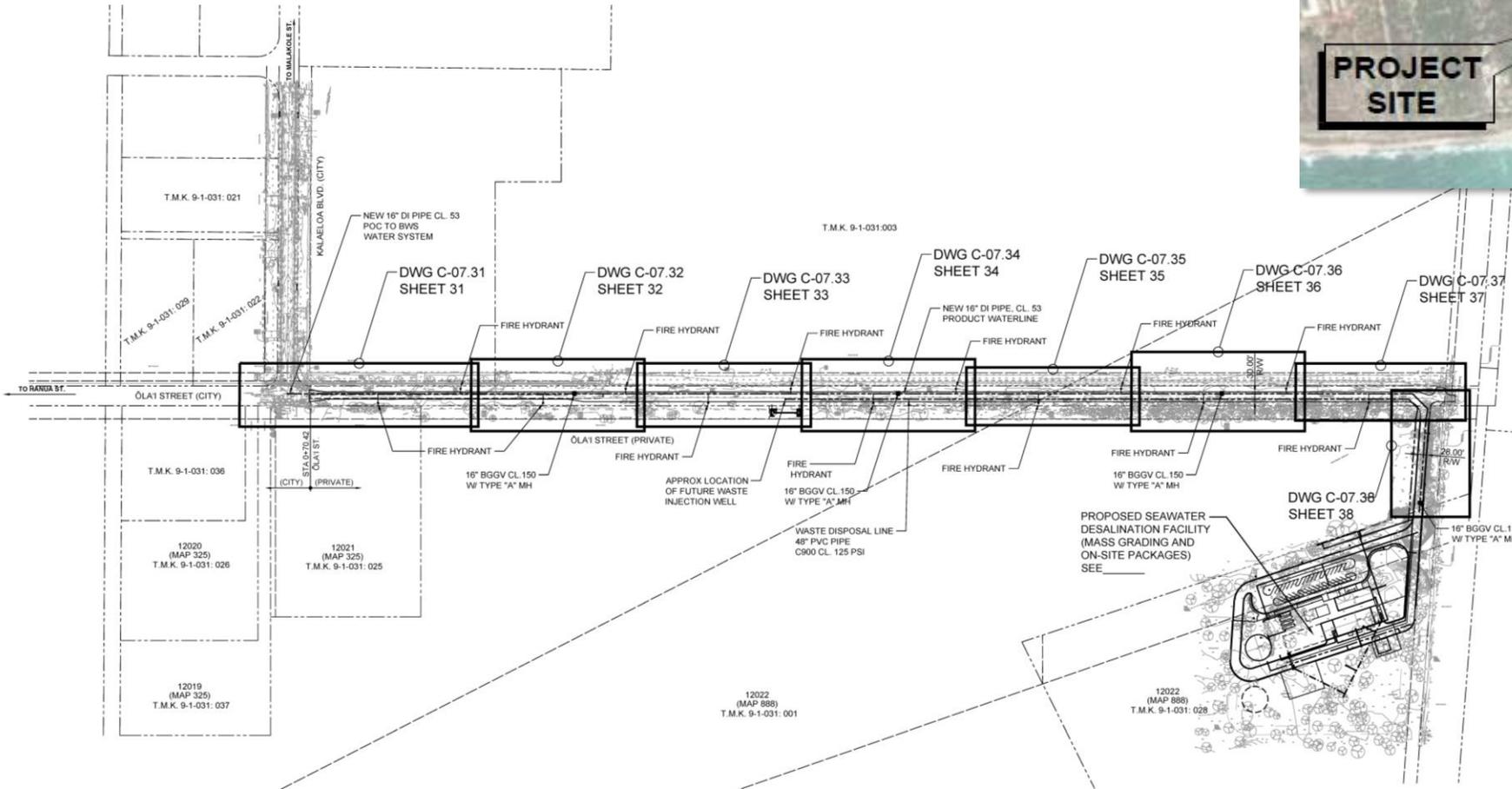


HONOLULU BOARD
OF WATER SUPPLY

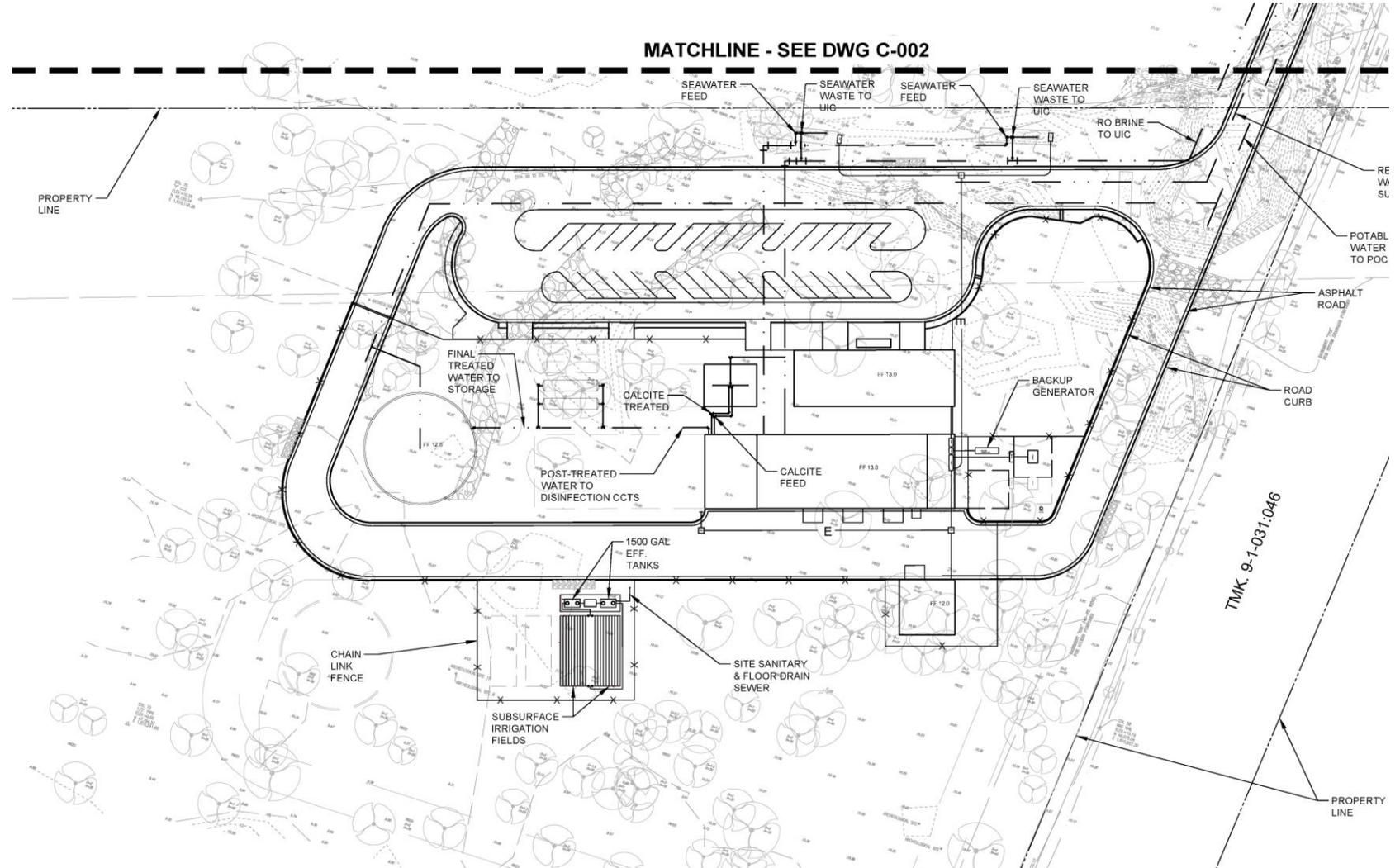


KALAELOA
DESALCO LLC

SITE PLAN



SITE PLAN



PROJECT UPDATE



Operations Period Commences After Acceptance
20 Years with Two Additional 5-year Renewal Terms at BWS's Discretion

Dates are preliminary and subject to change.



Questions?



**HONOLULU BOARD
OF WATER SUPPLY**



**KALAELOA
DESALCO LLC**



MAHALO!

THERE IS NO
SUBSTITUTE FOR PURE
WATER!

boardofwatersupply.com



BWS UPDATES

Ernest Lau
Manager and Chief Engineer
April 18, 2024
boardofwatersupply.com



Mahalo!

Providing safe, dependable, and affordable drinking water, now and into the future.



ACCEPT MEETING NOTES FROM MEETING 49

David Ebersold
Facilitator

April 18, 2024

www.boardofwatersupply.com

UPCOMING STAKEHOLDER ADVISORY GROUP MEETINGS

2024

- Thursday, July 18, 2024
- Thursday, October 17, 2024





Mahalo!

Providing safe, dependable, and affordable drinking water, now and into the future.