

SFY 2021 DWSRF ANNUAL REPORT

ATTACHMENT 21: SUMMARY OF ACTIVE PROJECTS IN SFY 2021

HANA WATER SYSTEMS

P-DW243-0001 KAELEKU TANK REPLACEMENT

LOAN AMOUNT: \$ 1,000,000.00
PRINCIPAL FORGIVENESS: \$ 1,000,000.00 (100.0%)
AMOUNT DISBURSED IN SFY 2021: \$ 11,050.00
PUBLIC WATER SYSTEM (PWS) 243 SERVICE
POPULATION: 160

Project Description: Decommission old 50,000-gallon water tank and construct two replacement 50,000-gallon water tanks to protect public health and update aging infrastructure.



▲ *New 50,000-gallon tanks*

KUNIA VILLAGE TITLE HOLDING CORP.

P-DW303-0001 KUNIA VILLAGE POTABLE WATER SYSTEM UPGRADES



▲ *New 228k-gallon steel tanks*

LOAN AMOUNT: \$ 1,621,805.00
PRINCIPAL FORGIVENESS: \$ 1,621,805.00 (100.0%)
AMOUNT DISBURSED IN SFY 2021: \$ 938,323.45
PUBLIC WATER SYSTEM (PWS) 303 SERVICE
POPULATION: 650

Project Description: Install two new steel tanks, replace existing potable distribution lines, and install a new booster pump station to address system deterioration and provide adequate pressure to homes and meet current standards.

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HAWAII DEPARTMENT OF WATER SUPPLY

DW101-0003 PIIHONUA-KUKUAU RESERVOIR AND TRANSMISSION IMPROVEMENTS



▲ *New 2.0 MG tank*

LOAN AMOUNT: \$ 9,429,173.00

PRINCIPAL FORGIVENESS: \$ 1,757,400.00 (18.64%)

AMOUNT DISBURSED IN SFY 2021: \$ 206,603.00

PWS 101 SERVICE POPULATION: 39,477

Project Description: Replace the undersized and deteriorating 0.08 MG in ground reservoir with a new 2.0 MG concrete water tank and install a 16" transmission waterline to supplement existing waterlines that are inadequate to supply portions of the Hilo water system during peak usage.

HDWS-PF21 HAWAII DWS PRO-FI SFY 2021

LOAN AMOUNT: \$ 7,000,000.00

AMOUNT DISBURSED IN SFY 2021: \$ 7,000,000.00

ISLANDWIDE SERVICE POPULATION: 193,680

Project Description: Programmatic Financing loan for water system improvements on the Island of Hawaii. Sub-projects included, multiple deepwell repair projects islandwide (Hualalai, Piihonua #1 Well C, Honokohau, Pana'ewa Well A, Holualoa, Keahuolu, Olaa #6, and Parker #1); Kaieie Mauka Facility Improvements; Kahaluu Shaft Inclined Lift Replacement; Puako Waterline Replacement; and Waikoloa Reservoir No. 1 Earthquake Damage Repairs.



▲ *Olaa #6 Deepwell (pre-construction)*

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MAUI DEPARTMENT OF WATER SUPPLY

DW247-0008 OMAOPIO 2.1 MG TANK REPLACEMENT

LOAN AMOUNT: \$ 4,139,686.00

PRINCIPAL FORGIVENESS: \$ 45,000.00 (1.08%)

AMOUNT DISBURSED IN SFY 2021: \$ 740,317.74

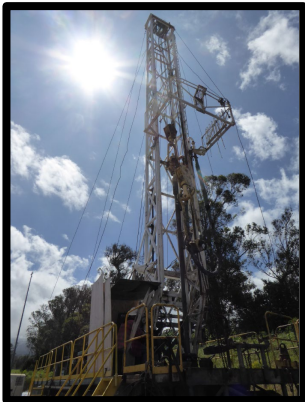
PWS 247 SERVICE POPULATION: 3,522

Project Description: Construct a new 2.1 MG concrete water tank to replace the existing Omaopio Tank, which is at the end of its useful life.

New Omaopio Tank ➤



MDWS-0002 MAUI DWS WATER SYSTEM IMPROVEMENTS 1



LOAN AMOUNT: \$4,491,000.30

PRINCIPAL FORGIVENESS: \$ 1,000,000.00 (22.22%)

AMOUNT DISBURSED IN SFY 2021: \$ 51,600.00

PWS SERVICE POPULATION: 11,851

Project Description: Combined water system improvements for the Pookela Well B exploratory well (\$2.5M) and the Omaopio Tank - Booster Pump Replacement (\$2M)

◀ *Drilling of Pookela Well B*

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HONOLULU BOARD OF WATER SUPPLY

DW331-0043 DIAMOND HEAD WATER SYSTEM IMPROVEMENTS, PART II

LOAN AMOUNT: \$ 4,970,145.00

PRINCIPAL FORGIVENESS: \$ 490,000.00 (9.86%)

AMOUNT DISBURSED IN SFY 2021: \$ 351,581.00

PWS 331 SERVICE POPULATION: 631,389

Project Description: Install mains and appurtenances along 22nd Avenue from Kilauea Avenue to Diamond Head Road, along Diamond Head Road from 22nd Avenue to Kahala Avenue, and along Kulamanu Street from Kahala Avenue to Kulamanu Place, approximately 5,235 linear feet. Install 8-inch mains and appurtenances along Kulamanu Place from Kulamanu Street to end, along Malapua Place from 22nd Avenue to end, along Ulupua Place from 22nd Avenue to end, along Huanui Street from 22nd Avenue to Huanui Place, along Kaalawai Place from Diamond Head Road to easement, and along Kuine Place from Kulamanu Street to end, approximately 2,270 linear feet.



▲ 22nd St + Puu Panini St intersection

DW331-0068 ENERGY SAVINGS PERFORMANCE CONTRACTING – BWS FACILITIES



▲ PV panels installed in the parking lot of the Beretania Station

LOAN AMOUNT: \$ 32,881,833.00

PRINCIPAL FORGIVENESS: \$ 1,662,400.00 (5.06%)

AMOUNT DISBURSED IN SFY 2021: \$ 3,092,505.06

ISLANDWIDE SERVICE POPULATION: 986,999

Project Description: Implement an Energy Savings Performance Contract (ESPC) project on Honolulu Board of Water Supply (BWS) facilities, island wide, with a goal of reducing energy demand by 20%. Energy saving measures include installation of LED lighting, photovoltaic (PV) panels, hybrid vehicles and charging stations, etc.

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DW331-0080 MOILIILI WATER SYSTEM IMPROVEMENTS, PART IV



▲ *Kapiolani + Puu Panini St intersection*

LOAN AMOUNT: \$ 6,007,022.04

AMOUNT DISBURSED IN SFY 2021: \$ 6,007,022.04

ISLANDWIDE SERVICE POPULATION: 686,999

Project Description: Install 12-inch mains and appurtenances along Kapiolani Boulevard from Date Street to Kaimuki Avenue - approx. 2,400 lin. ft. Install 8-inch mains and appurtenances along University Avenue from Kapiolani Boulevard to Hihiwai Street, along Hihiwai Street from University Avenue to Kamoku Street, along Lauiki Street from Hihiwai Street to Kamoku Street and along Kamoku Street from Hihiwai Street to Kapiolani Boulevard - approx. 3,535 lin. ft.

HBWS-0003 HONOLULU BWS WATER SYSTEM IMPROVEMENTS 2

LOAN AMOUNT: \$ 9,119,367.02

AMOUNT DISBURSED IN SFY 2021: \$ 65,361.08

PWS 331 SERVICE POPULATION: 631,389

Project Description: This project combines three (3) BWS waterline improvement projects to reduce the chance of water main breaks (approx. 5,600 lin. ft. with the Liliha Water System Improvements, Part V; approx. 6,520 lin. ft. for the Pensacola Street Water System Improvements; and approx. 8,400 lin. ft. for the Kapahulu water System Improvements, Part I).



▲ *Kauai Street*

◀ *Olu Street*

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HBWS-PF21 HONOLULU BWS PRO-FI SFY 2021



▲ *Repainting at the Kalihi Pump Station*

LOAN AMOUNT: \$ 12,000,000.00

AMOUNT DISBURSED IN SFY 2021: \$ 12,000,000.00

ISLANDWIDE SERVICE POPULATION: 986,999

Project Description: Water system improvements on the Island of Oahu. Sub-projects include the Kalihi Pump Station Renovation; Diamond Head Line Booster; Waialae Iki Well Renovation; Kapiolani Boulevard 12-Inch Main; Punaluu Wells II Renovation; Lunalilo Home Road Water System Improvements; Anoi Road Water System Improvements; Pearl City Wells I and II; Keanu Line Booster; Halawa Wells and Booster No. 2; Rehabilitation of Pipelines and Tunnels: Makapuu Tunnel; Moanalua Wells: Replacement of Pump No. 1; and Pump Renewal: Kaluanui, Diamond Head, Kaonohi, Waihee, Punaluu, Keanu, Maunalani, Mariner's Ridge, and Aina Koa.

OVERALL TOTALS

Number of active loans: 11

Disbursed amount: \$ 30,464,363.37