



DEPARTMENT OF WATER SUPPLY • COUNTY OF HAWAII

345 KEKŪANAŌ'A STREET, SUITE 20 • HILO, HAWAII 96720

TELEPHONE (808) 961-8050 • FAX (808) 961-8657

October 3, 2017

**KEŌPŪ DEEPWELL
HISTORY AND REPAIR STATUS INFORMATION SHEET
Information Sheet**

Overview

Keōpū Deepwell consists of a pump and motor which can produce approximately 650 gallons per minute. The pumping unit is housed in a 14" well casing, which is approximately 1,704 feet deep. The pump bowl diameter is 9-1/2" and the pump is approximately 8 feet long. The motor is a 2-Pole, 400 horsepower, 2,300-volt submersible motor. The motor diameter is 11" and it is approximately 10 feet long.

Prior History

Designed and built in 2009, Keōpū Deepwell has not required any repairs prior to this current repair.

Current Repair Status

Keōpū Deepwell repair contract has been awarded to Derrick's Drilling and Pump Services, LLC. Repair includes removal of the existing well equipment; installation of a new submersible pump and motor, column pipe, column couplings, check valves, sounding tubes, power cable, and appurtenances; disinfection of the well and pumping unit; and completion of an acceptance test. Column assembly and electrical materials have been delivered. Pump and motor have also been ordered and are expected to arrive end of October 2017. Repair is on schedule and contract completion date is December 20, 2017.

Restriction Information

A Water Restriction Notice requires customers to reduce water consumption by 25%. The Water Restriction Notice can be found on our website, www.hawaiidws.org, and lists various ways that consumers can conserve water to help reach the 25% reduction goal.

Contact

Department of Water Supply

(808) 961-8050

dws@hawaiidws.org