



DEPARTMENT OF WATER SUPPLY • COUNTY OF HAWAII

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July 31, 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 has been delivered. Electrical materials have been ordered and are expected to arrive August 2017. Pump and motor have also been ordered and are expected to arrive end of September 2017. Repair is on schedule and completion date is December 20, 2017.

Water Restriction Information

Due to the ongoing Deepwell repairs, Water Restriction Notice Reminders will periodically be issued, as necessary, to remind consumers that the current restriction remains in effect. **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

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