



DEPARTMENT OF WATER SUPPLY • COUNTY OF HAWAII

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July 14, 2017

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

Overview

Hualālai Deepwell consists of a pump and motor which can produce approximately 1,050 gallons per minute. The pumping unit is housed in an 18" well casing, which is approximately 1,700 feet deep. The pump bowl diameter is 11-3/4" and the pump is approximately 18 feet long. The motor is a 4-Pole, 600 horsepower, 4,160 volt submersible motor. The motor diameter is 16-1/8" and it is approximately 21 feet long.

Prior History

Designed and built in September 1997, Hualālai Deepwell has undergone repair four (4) times prior to this current repair.

Current Repair Status

Hualālai Deepwell is currently undergoing repair. Contractor for this repair is Derrick's Drilling and Pump Services, LLC. Repairs include the replacement of the existing deepwell submersible pump and motor, power cable, column pipe, column couplings, and all appurtenant materials, such as cable guards and strapping; minor electrical work; reconfiguration and replacement of well discharge piping; and chlorination and testing of the well and pumping assembly. Discharge head, column assembly, discharge piping brackets and electrical materials have been delivered and Contractor is progressing with completion of discharge piping work as well as electrical work. Pump has been ordered and estimated delivery is August 2017. Repair is on schedule and completion date is scheduled for November 26, 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.hawaiiidws.org, and lists various ways that consumers can conserve water to help reach the 25% reduction goal.

Contact

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