



DEPARTMENT OF WATER SUPPLY • COUNTY OF HAWAII

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

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

July 14, 2017

**WAI'AHA DEEPWELL
HISTORY AND REPAIR STATUS INFORMATION SHEET
Information Sheet**

Overview

Wai'aha Deepwell consists of a pump and motor which can produce approximately 1,400 gallons per minute. The pumping unit is housed in a 20" well casing, which is approximately 1,754 feet deep. The pump bowl diameter is 11-1/8" and the pump is approximately 17 feet long. The motor is a 4-Pole, 700 horsepower, 4,160 volt submersible motor. The motor diameter is 11" and it is approximately 17 feet long.

Prior History

Designed and built in June 2006, Wai'aha Deepwell has undergone repair one (1) time prior to this current repair.

Current Repair Status

Wai'aha 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; appurtenant electrical work; and chlorination and testing of the well and pumping assembly. Pump and motor have been ordered with pump delivered and motor expected for delivery in July 2017. Both the power cable and column pipe have been ordered and delivered. Repair is on schedule and completion date is July 31, 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

Department of Water Supply
(808) 961-8050
dws@hawaiiidws.org

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