



DEPARTMENT OF WATER SUPPLY • COUNTY OF HAWAII

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January 26, 2018

**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

Contractor for this repair is Derrick's Drilling and Pump Services, LLC. The contractor is scheduled to mobilize to well site and begin the removal of the pump and motor from the well early February 2018. If removal is successful, the well will need to be inspected for any damages. The pump, motor, column pipe, and power cable will need to be replaced to prevent an unknown weakened component causing a failure in the future. At this time, the schedule for this well repair is unknown.

Conservation Information

A Water Conservation Notice requests that customers voluntarily reduce their water consumption by 10%. The Water Conservation Notice can be found on our website, www.hawaiidws.org. Also available on our website is information on various ways that customers can conserve water to help reach the 10% reduction goal.

Contact

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