



DEPARTMENT OF WATER SUPPLY • COUNTY OF HAWAII

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October 3, 2017

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

Overview

Honokōhau 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 1,740 feet deep. The pump bowl diameter is 11" and the pump is approximately 9 feet long. The motor is a 2-Pole, 800 horsepower, 4,160-volt submersible motor. The motor diameter is 18" and it is approximately 11 feet long.

Prior History

Designed and built in November 1997, Honokōhau Deepwell has undergone repair seven (7) times prior to this current repair.

Current Repair Status

Honokōhau Deepwell is currently undergoing repair. Contractor for this repair is Beylik Drilling and Pump Services, Inc. Repairs include the replacement of the existing deepwell submersible pump and motor, with reinstallation of power cable, column pipe, air line and all appurtenant materials. Motor was extracted and shipped to manufacturer for teardown and evaluation. Results confirmed that motor needs to be rewound. Spare pump inspection is complete and contractor is preparing pump for installation. At this time, the rewind motor is estimated to be on site by mid-October and the repairs are anticipated to be complete by end of October.

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

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