



DEPARTMENT OF WATER SUPPLY • COUNTY OF HAWAII

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July 31, 2017

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

**Overview**

Palani Deepwell consists of a pump and motor which can produce approximately 1,150 gallons per minute. The pumping unit is housed in a 20" well casing, which is approximately 1,763 feet deep. The pump bowl diameter is 9-3/4 and the pump is approximately 8 feet long. The motor is a 2-Pole, 636 horsepower, 4,160 volt submersible motor. The motor diameter is 15-1/4" and it is approximately 10 feet long.

**Prior History**

Designed and built in 2015, Palani Deepwell has not required any repairs prior to this current repair.

**Current Repair Status**

Palani Deepwell is currently undergoing repair. Contractor for this repair is Derrick's Drilling and Pump Services, LLC. Repairs includes 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 are expected to arrive early August 2017. Pump and motor have been ordered and are expected to arrive end of August 2017. Repair is on schedule and completion date is October 30, 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](http://www.hawaiidws.org), and lists various ways that consumers can conserve water to help reach the 25% reduction goal.

**Contact**

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