# Existing Well Registration and Declaration of Use

**State of Hawaii**  
**Commission on Water Resource Management**  
**Department of Land and Natural Resources**  
**Division of Water Resource Management**

**Instructions:** Please print or type. If information is not available or not applicable, indicate as N/A. If a value is estimated, indicate by letter "E." Fill out as completely as possible, sign, and mail to the Division of Water and Land Development, P.O. Box 373, Honolulu, Hawaii 96809. If necessary, phone 548-7843. Hydrology/Geology Section for assistance.

## Existing Well Registration and Declaration of Use

### A. Well Owner
- Firm Name: Hawaii Electric Light Co., Inc.  
- Contact Person: Frank G. Kennedy  
- Street Address: 1200 Kilauea Avenue, Hilo, Hawaii 96720  
- Phone: (808) 935-1171

### C. Well Location
- Tax Map Key: 2-2-58-19  
- (Attach USGS map, scale 1"=2000', or any maps you currently have showing the well location.) If this well is part of a battery or a system of wells, one location map will suffice provided that it be attached, along with all related well registration forms and a diagram describing the system defined by the well name, into a single package for submission. See USGS map provided and attached section from Stearns Roger Dwg. No. L-22282 P-1. Also refer to Stearns Roger Dwg. No. L-22282 P-7-1 which is attached to Hill Unit No. 6 registration application.

### D. Well Data
- An as-built drawing of the well should be submitted, if available.
- Ground elevation (above msl): 55 ft.  
- Water level elevation (above msl): 6 ft.  
- Casing diameter: 30 in.  
- Date of measurement: 1964  
- Solid casing depth: 70 ft.  
- Max. chloride N/A (ppm) Year:  
- Perforated casing depth: --- ft.  
- Min. chloride N/A (ppm) Year:  
- Total depth of well: 205 ft.  
- Ave. chloride (1987) N/A ppm:  
- Depth to water (below ground): 49 ft.  
- Well driller: Bechtel Corp.  
- Type of ground water developed:  
  - Basal  
  - Dike  
  - Perched  
  - Caprock  
- Year drilled: 1964

### E. Installed Pump Data
- Check appropriate box:
  - Pump Type: Vertical Shaft  
  - Submersible
- Motor: Diesel  
- Gas  
- Electric: 100 Rated Horsepower
- Rated Pump Capacity: 4,500 gallons per minute (gpm) each.
- Measured Pumping Rate: N/A gpm
- Pump Installation Contractor: Bechtel Corp. (General Contractor)

(continued over)

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**For Official Use Only:**  
Field Checked By: [Signature]  
Date: [Date]  
Latitude: [Latitude]  
Hydrologic Unit: [Hydrologic Unit Code]  
Comments: [Comments]  
Longitude: [Longitude]  
State Well No.: [State Well No.]  
[Geographic Coordinates and Map Reference]
F. DECLARED WATER USE DATA

Water Use Data is Recorded: [ ] Daily [ ] Weekly [X] Monthly
[ ] Other (describe)

Method of Measurement: [ ] Flow Meter [ ] Orifice
[ ] Other (describe) [ ] Estimated (describe) [ ] Running time

Report monthly water use below for the last five years (if available) in million gallons. If this well is part of a battery or system of wells which are connected to a single meter, the table below may be completed once for all wells registered under the same well name. Also, please show location of meter on same system diagram from Part C.

<table>
<thead>
<tr>
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</thead>
<tbody>
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<td>January</td>
<td>376.8</td>
<td>322.3</td>
<td>367.3</td>
<td>384.2</td>
<td>367.8</td>
</tr>
<tr>
<td>February</td>
<td>340.3</td>
<td>301.5</td>
<td>331.8</td>
<td>347.1</td>
<td>332.2</td>
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<td>March</td>
<td>376.8</td>
<td>322.3</td>
<td>367.3</td>
<td>384.2</td>
<td>367.8</td>
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<td>April</td>
<td>364.6</td>
<td>311.9</td>
<td>355.5</td>
<td>371.8</td>
<td>356.0</td>
</tr>
<tr>
<td>May</td>
<td>376.8</td>
<td>322.3</td>
<td>367.3</td>
<td>384.2</td>
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<tr>
<td>June</td>
<td>364.6</td>
<td>311.9</td>
<td>355.5</td>
<td>371.8</td>
<td>356.0</td>
</tr>
<tr>
<td>July</td>
<td>376.8</td>
<td>322.3</td>
<td>367.3</td>
<td>384.2</td>
<td>367.8</td>
</tr>
<tr>
<td>August</td>
<td>376.8</td>
<td>322.3</td>
<td>367.3</td>
<td>384.2</td>
<td>367.8</td>
</tr>
<tr>
<td>September</td>
<td>364.6</td>
<td>311.9</td>
<td>355.5</td>
<td>371.8</td>
<td>356.0</td>
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<tr>
<td>October</td>
<td>376.8</td>
<td>322.3</td>
<td>367.3</td>
<td>384.2</td>
<td>367.8</td>
</tr>
<tr>
<td>November</td>
<td>364.6</td>
<td>311.9</td>
<td>355.5</td>
<td>371.8</td>
<td>356.0</td>
</tr>
<tr>
<td>December</td>
<td>376.8</td>
<td>322.3</td>
<td>367.3</td>
<td>384.2</td>
<td>367.8</td>
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<tr>
<td>TOTAL</td>
<td>4,436.1</td>
<td>3,804.8</td>
<td>4,324.9</td>
<td>4,524.1</td>
<td>4,330.8</td>
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</tbody>
</table>

All values are estimated.

Ave. Use Per Day 13,000,000 gals Max. 13,000,000 gals Min. -0- gals

Typical Time of Pumping: Continuous

Type of Use:
[ ] Municipal (including hotels, stores, etc.)
[ ] Irrigation:
Type: [ ] Sugar [ ] Pineapple [ ] Diversified Agriculture
[ ] Landscape [ ] Golf Course [ ] Other (specify) [ ]

[ ] Method: [ ] Drip [ ] Furrow [ ] Sprinkler

[ ] Industrial: [ ] Cooling [ ] Mill [ ] Mfg. [ ] Other (specify)

[ ] Domestic (individual, noncommercial water systems):
Number of Persons Served: 

[ ] Military

[ ] Other (specify livestock, aquaculture, etc.)

The undersigned acknowledges that the information contained herein including any accompanying attachments has been examined and is to the best of his/her knowledge true, accurate, and complete.

Print Name Frank G. Kennedy
Title Manager of Production Dept.
Well Owner's Signature ___________________ Date 10/11/88
HILL NO. 5
SECTION FROM
BECHTEL DWG.
4784 C-5 REV. 2

"5'-2" - 1'-6"
CHOR WALL TO
HIS OUTLINE

"5'-1" - 1'-6"
CHOR WALL TO
HIS OUTLINE

SECTION A
CIRCULATING WATER
PUMP (TYPICAL)

DETAILS