COMMISSION ON WATER RESOURCE MANAGEMENT

ROUTE SLIP FOR PERMIT ISSUANCE 5/19/05

FROM: Ryan

DATE: 7/19

TO: INIT.

INIT. TO: INIT.

ANAKALEA, P. NAKAMA, L.
BAUER, G. NAKANO, D.
CHING, F. OHYE, M.
DANBARA, S. SAKODA, E.
FUJI, N. SUBIA, S.
GOODING, K. SWANSON, S.
HARDY, R. UYENO, D.
HIGA, D. YODA, K.
ICE, C. YOSHINAGA, M.
IMATA, R.

PLEASE:

Approval
Signature
3 Information

Review & Comment
Take Action
Type Draft
Type Final
File
Xerox copies

WELL NUMBER WELL NAME

WELL CONSTRUCTION

ATTACHMENTS FOR WELL CONSTRUCTION PERMIT:
1 COVER LETTER
2 PERMIT (2x)
COMMENTS:
3 SDWB
4 WWB
5 CWB
6 HEER
7 LD
8 HP
9 OCCL
10 SMA
11 WELL CHECK PRINTOUT

TO BE SENT TO APPLICANT

FOR OFFICE USE ONLY

ATTACHMENTS FOR PUMP INSTALLATION PERMIT:
1 COVER LETTER
2 PERMIT (2x)
COMMENTS:
3 SDWB
4 WWB
5 CWB
6 HEER
7 LD
8 HP
9 OCCL
10 SMA
11 GLENN'S WORKSHEET

TO BE SENT TO APPLICANT

FOR OFFICE USE ONLY
July 20, 2006

Mr. Rod Diamond  
Diamond Construction and Water Well Drilling  
HC#3 Box 14073  
Keeau, HI 96749

Dear Mr. Diamond:

Pump Installation Permit  
Webb Well (Well No. 3688-07)

Enclosed are two (2) originals of your approved Pump Installation Permit for the captioned well(s) that authorize permanent pump installation work for your well(s). As part of the Chairperson's approval, the following special conditions were added and are part of your permit under Permit Condition 11:

Special Conditions

1. If the elevation benchmark needs to be altered, the permittee, well operator, and/or well owner shall ensure that the benchmark is transferred (or the well resurveyed) and documentation of the new benchmark shall be submitted to the Commission within sixty (60) days after the pump is installed.

2. Attached for your information are copies of the Department of Health's (DOH) review comments. Please note DOH's requirements related to discharge of effluent from well drilling and testing activities.

The permittee is responsible for all conditions of the permit. This includes ensuring the submission of a completed Well Completion Report Part II form within sixty (60) days after the pump installation work is completed. Be advised that you may be subject to fines of up to $5,000 per day for any violations of your permit conditions starting from the permit approval date.

Please sign both permit originals and return one for our files.

IMPORTANT - Pump installation shall not commence until a fully signed permit is returned to the Commission.

If you have any questions, please call Ryan Imata of the Commission staff at 587-0255 or toll-free at 974-4000 (Hawaii), 274-3141 (Kauai), 984-2400 (Maui), or 1-800-468-4644 (Lanai & Molokai), extension 70255.

Sincerely,

Peter T. Young  
Chairperson

Enclosure

c: Charles Webb (with applicable comments – DOH SDWB, WWB, CWB, Land Division, DHP)
USGS
Hawaii DWS
In accordance with Department of Land and Natural Resources, Commission on Water Resource Management's Administrative Rules, Section 13-168, entitled "Water Use, Wells, and Stream Diversion Works", this document permits the pump installation for Webb Well (Well No. 3688-07) at TMK 1-5-052:193, Hawaii, subject to the Hawaii Well Construction & Pump Installation Standards (HWCPIS - February 2004) which include but are not limited to the following conditions:

1. The Chairperson to the Commission on Water Resource Management (Commission), P.O. Box 621, Honolulu, HI 96809, shall be notified, in writing, at least two (2) weeks before any work covered by this permit commences and staff shall be allowed to inspect installation activities in accordance with §13-168-15, Hawaii Administrative Rules.

2. No withdrawal of water shall be made other than for testing until a Certificate of Pump Installation Completion has been issued by the Commission.

3. This permit shall be prominently displayed, or made available, at the site of construction work until work is completed.

4. The pump installation permit shall be for installation of a 20 gpm rated capacity, or less, pump in the well. This permanent capacity may be reduced in the event that the pump test data does not support the capacity.

5. A water-level measurement access shall be permanently installed, in a manner acceptable to the Chairperson, to accurately record water levels.

6. The permittee shall install an approved meter or other appropriate means for measuring and reporting withdrawals and appropriate devices or means for measuring chlorides and temperature at the well head.

7. Well Completion Report Part II shall be submitted to the Chairperson within 60 days after completion of work. This form can be obtained by contacting staff or on the internet at www.hawaii.gov/dlnr/cwrm.

8. The permittee, well operator, and/or well owner shall comply with all applicable laws, rules, and ordinances, and non-compliance may be grounds for revocation of this permit.

9. The pump installation permit application and any related staff submittal approved by the Commission are incorporated into this permit by reference. This permit is also subject to the HWCPIS. If the HWCPIS are not followed and as a consequence water is wasted or contaminated, a lien on the property may result. Any variances from the HWCPIS shall be approved by the Chairperson prior to invoking the variance.

10. The work proposed in the pump installation permit application shall be completed within two (2) years from the date of permit approval, unless otherwise specified. The permit may be extended by the Chairperson upon a showing of good cause and good-faith performance. A request to extend the permit shall be submitted to the Chairperson no later than the date the permit expires.

11. The permittee, its successors, and assigns shall indemnify, defend, and hold the State of Hawaii harmless from and against any loss, liability, claim, or demand for property damage, personal injury, or death arising out of any act or omission of the applicant, assigns, officers, employees, contractors, and agents under this permit or relating to or connected with the granting of this permit.

12. Special conditions in the attached cover transmittal letter are incorporated herein by reference.

Date of Approval: May 11, 2005
Expiration Date: May 11, 2007

PETER T. YOUNG, Chairperson
Commission on Water Resource Management

I have read the conditions and terms of this permit and understand them. I accept and agree to meet these conditions as a prerequisite and underlying condition of my ability to proceed and understand that I shall not commence work until I and the pump installer have signed, dated, and returned the permit to the Commission. I understand that this permit is not to be transferred to any other entity. I also understand that non-compliance with any permit condition may be grounds for revocation and fines of up to $5,000 per day starting from the permit date of approval.

Installer's Signature: C-57, C-57a, or A License #: C-23379 Date: 
Printed Name: Rod Diamond Firm or Title: Diamond Construction and Water Well Drilling

Please sign both copies of this permit, return one to the Chairperson, and retain the other for your records.

Attachments
April 28, 2005

Mr. Rod Diamond
HCR #3 Box 14073
Keeau, HI 96749

Dear Mr. Diamond:

Well Completion Reports for various wells

We received your various Well Completion Report parts I & II from you. This is a reiteration of the phone call between you and Ryan Imata on April 25, describing the deficiencies as follows:

1. The WCRs need to be signed by the Permittees.
2. Please indicate the initial water levels, referenced to the top of the well instead of mean sea level.
3. Please provide pump specs for all of the pumps.
4. Flowmeters need to be installed before we can accept the well completion reports as complete.
5. There are some comments pertaining to each well, attached on the individual reports.

The wells that are the subject of this letter are the following:

<table>
<thead>
<tr>
<th>Well No.</th>
<th>Well Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>3786-01</td>
<td>Gapp Well</td>
</tr>
<tr>
<td>3787-05</td>
<td>Bartlett Well</td>
</tr>
<tr>
<td>3686-04</td>
<td>Connie Well</td>
</tr>
<tr>
<td>3688-05</td>
<td>Love Well</td>
</tr>
<tr>
<td>3687-13</td>
<td>Camp Well</td>
</tr>
<tr>
<td>3687-10</td>
<td>Fenn Well</td>
</tr>
<tr>
<td>3688-07</td>
<td>Webb Well</td>
</tr>
</tbody>
</table>

Please respond to the above item(s) within thirty (30) days of this letter's date. Failure to do so may result in fines of up to $5,000 per day.

If you have any questions, please contact Ryan Imata of the Commission staff at 587-0255 or toll-free at 974-4000 (Hawaii), extension 70255.

Sincerely,

DEAN A. NAKANO
Acting Deputy Director

RI: ss

c: John Gapp
    Michael Bartlett
    Connie Bouchard
    David Love
    Richard & Teresta Camp
    Isaac J. Fenn
    Charles Webb
MEMO and ROUTE SLIP

WCR 1 Check for Well No. 3688-07 (survey to regulation memo)

1. **Pump Tests Check**
   Glenn Bauer (initial)
   - Step-Drawdown Test:
     - followed WCPI Stds
     - analysis attached
     - proposed pump cap o.k.
   - Aquifer Pump Test:
     - followed WCPI Stds
     - T & S analysis attached
   - Well Interference:
     - estimated Steady-State
     - drawdown at 1-mile radius is \( \text{NA} \) ft.
     - analysis attached

2. **Construction Check**
   Mitch Ohye (initial)
   - data complete
   - followed Special Cond & elevations
   - well database updated

3. Charley/Lenore/Ryan (initial) take action based on above analysis

   ATTACHMENTS FOR PUMP INSTALLATION PERMIT:
   - COVER LETTER
   - PERMIT (2x)
   - DOH COMMENTS
   - LAND DIV. COMMENTS
   - WCR 2 FORM
   - WUR FORM
   - USGS MAP
   - PARCEL CHECK
   - DATABASE PRINTOUT
   - GLENN'S WORKSHEET
   - WELL As-Built CHECK PRINT

   4. Roy (initial) check
   5. Subia (initial) finalize
   6. Dean (initial) signature
   7. Charley/Lenore/Ryan File

No let/long with following
\( 10 \text{ yr} \)
\( = 30 \text{ well} \) 300' inland?

\( 31.0^\circ \)

\( 154 58 38' \)
State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources

WELL COMPLETION REPORT - PART II
Pump Installation

Instructions: Please print in ink or type and send completed report (with attachments, if applicable) to the Commission on Water Resource Management, P.O. Box 621, Honolulu, Hawaii 96809. The Commission may not accept incomplete reports. This form shall be submitted within 60 days of the completion of work. For assistance, please consult the Hawaii Well Construction and Pump Installation Standards or call the Regulation Branch at 887-0225. For updates to this form or additional information, please visit our website at http://www.hawaii.gov/dlnr/cwrm/

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>1. State Well No.: 3688-07</td>
<td>Well Name: Webb Well</td>
<td>Island: Hawaii</td>
<td></td>
</tr>
<tr>
<td>2. Address: 10 Ave. HPP</td>
<td>Tax Map Key: 1-5-52: 193</td>
<td></td>
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<tr>
<td>3. Pump Installation Company: Diamond</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>4. Date Pump Installed: 2-16-05</td>
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<tr>
<td>5. PERMANENT PUMP INFORMATION</td>
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<tr>
<td>Pump Type, Make, Serial No.: J+J 1597000</td>
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<tr>
<td>Rated Capacity: 10 gpm at head of: 100 ft.</td>
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<tr>
<td>Motor Type, H.P., Voltage, rpm: 1 HP 230V Franklin</td>
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<tr>
<td>Type of flow meter: which measures in gal</td>
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<tr>
<td>Model Number Serial Number 4669092</td>
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<tr>
<td>Pump type (check one):</td>
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<tr>
<td>- Deep Well Turbine</td>
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<tr>
<td>- Submersible</td>
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<td>- Centrifugal</td>
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<td>- Propeller</td>
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<td>- Rotary</td>
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<tr>
<td>- Rotary-Displacement</td>
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<td>- Rotary-Gear</td>
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<td>- Reciprocating</td>
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<td>- Impulse</td>
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<td>6. Method of flow measurement:</td>
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<tr>
<td>- Flowmeter</td>
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<tr>
<td>- Manufacturer Make Size 3/4 &quot;</td>
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<td>- Weir</td>
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<tr>
<td>- Open Pipe</td>
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<tr>
<td>- Orifice*</td>
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<td></td>
<td></td>
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<tr>
<td>- Other*, explain below</td>
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<tr>
<td>*attach schematic</td>
<td></td>
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<td>7. Fill in the as-built section on the other side of this sheet.</td>
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<tr>
<td>8. Attach photograph of well and concrete pad clearly showing benchmark on concrete pad.</td>
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<tr>
<td>9. Other remarks/comments:</td>
<td></td>
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</tr>
</tbody>
</table>

Pump Installation Contractor (print) Rod Diamond C-57/C-57a/A Lic. No. BC23379
Signature [signature]
Date 2-16-05

Permittee (print) [name]
Signature [signature]
Date
9. AS-BUILT PUMP SECTION

(Please attach as-built if different from program provided below)

**Bench mark elevation**

Surveyed to nearest 0.01 ft. = 102 ft. mean sea level

**Elevation of top of chase tube**

$N/A$ ft. mean sea level

**Pump intake depth** = $106$ ft.

(referenced to bench mark)

**Chase tube depth** = $N/A$ ft.

(referenced to bench mark)

**If airline installed,**

Bottom of airline elevation = $N/A$ ft. mean sea level
MEMO and ROUTE SLIP

WCR 2 Check for Well No. 3688-07 (survey to regulation memo)

1. **Pump Tests Check** (special condition of PIP? Yes/No) Glenn Bauer________ (initial if yes)
   
   Yes  No  If no, describe deficiency

   Step-Drawdown Test:
   
   - followed WCPI Stds
   - analysis attached
   - proposed pump cap o.k.

   Aquifer Pump Test:
   
   - followed WCPI Stds
   - T & S analysis attached

   Well Interference:
   
   - estimated Steady-State drawdown at 1-mile radius is _________ ft.
   - analysis attached

   Stream Surface Water Impacted:
   
   - Geology Code for Well Index: ____________

2. **Pump Installation Check** Mitch Ohye________ (initial)

   Yes  No  If no, describe deficiency

   - data complete
   - followed Special Cond & Elev.
   - well database updated

3. Charley/Lenore/Ryan________ (initial) take action based on above analysis

4. Roy________ (initial) check

5. Subia________ (initial) finalize

6. Dean________ (initial) signature

7. Charley/Lenore/Ryan File
PLOT PLAN
(Provide Latitude and Longitude of well referenced to NAD27 to nearest second)
State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
WELL COMPLETION REPORT - PART I
Well Construction

Instructions: Please print in ink or type and send completed report (with attachments, if applicable) to the Commission on Water Resource Management, P.O. Box 621, Honolulu, Hawaii 96809. The Commission may not accept incomplete reports. This form shall be submitted within 60 days of the completion of work. For assistance, please consult the Hawaii Well Construction and Pump Installation Standards or call the Regulation Branch at 587-0225. For updates to this form or additional information, please visit our website at http://www.hawaii.gov/dlnr/cwrm/

1. State Well No.: 3688-07 Well Name: Webb Well Island: Hawaii

2. Address: 10 Ave. HPP Tax Map Key: 1-5-52: 193

3. Drilling Company: Diamond

4. Drilling method used during construction: ☑ Rotary ☐ Percussion ☐ Other (describe)

5. Date Well Construction (drilled,cased,grouted) completed: 2-16-05 Fill out attached Driller's Log

6. Was the subject well cored? ☐ Yes ☑ No

7. Initial water-level encountered 102 ft. below ground Date and time of measurement: 2-1-05 PM

8. Step-Drawdown Test completed? ☑ Yes ☐ No Attach Step-Drawdown Test form (12/17/97 SDPTD Form)

9. Constant Rate Aquifer Test completed? ☑ Yes ☐ No Attach Constant Rate Aquifer Test form (12/17/97 CRPTD Form)

Parameters prior to pump test:

10. Water-level: 6 ft. above msl Date and time of measurement: 2-1-05

11. Chloride: 30 ppm Date and time of sampling: 2-1-05

12. Temperature: 74 °F Date and time of measurement: 2-1-05

13. Fill in the as-built section on the other side of this sheet.

14. Fill in attached surveyor’s report. NA

15. If a pump is not planned to be installed, please describe (below in the remarks section) how well is secured to prevent unauthorized access (example: lockable cover, threaded coupling, etc.)

16. The proposed manufacturer’s rated pump capacity is 10 gpm at a head of 100 ft. (Attach pump specifications and rating curve)

17. Remarks: Pump did not come with specs.

Licensed Driller (print) Rod Diamond C-57 Lic. No. BC23379

Signature Date 2-16-05

Permittee (print) 

Signature 

Date 

WCR1 Form 4/29/03 Page 1 of 4
## DRILLER'S LOG

**WELL NUMBER:** 3688-07

<table>
<thead>
<tr>
<th>Depths (ft.)</th>
<th>Rock Description, Water Level, etc.</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 10 ft.</td>
<td>Basalt</td>
<td>12-3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Depths (ft.)</th>
<th>Rock Description, Water Level, etc.</th>
<th>Dates</th>
</tr>
</thead>
</table>

**Remarks:**

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WGRI Form 11/12/02 Page 3 of 4
This is to inform you that we would like to start well construction on Webb well No.3688-07 and Webb well No.3687-11. And would like to use the test pumps as the permanent pump prior to final pump installation permit issuance. Fill free to call me at 808 987 8100 or at home 808 966 6398. Rod Diamond, well contractor BC23379 7/19/2004
In accordance with Department of Land and Natural Resources, Commission on Water Resource Management's Administrative Rules, Section 13-168, entitled "Water Use, Wells, and Stream Diversion Works" this document permits the construction and testing of Webb Well (Well No. 3688-07) at 10th Ave. HPP, Hawaii, TMK 1-5-52; 193, subject to the Hawaii Well Construction & Pump Installation Standards (February 2004) which include but are not limited to the following conditions:

1. The Chairperson of the Commission on Water Resource Management (Commission), P.O. Box 621, Honolulu, HI 96809, shall be notified, in writing, at least two (2) weeks before any work authorized by this permit commences and staff shall be allowed to inspect installation activities in accordance with §13-168-15, Hawaii Administrative Rules.

2. The well construction permit shall be for construction and testing of the well only. A minimum 1-inch diameter monitor tube shall be permanently installed, in a manner acceptable to the Chairperson, to accurately record water levels. The permittee, well operator, and/or well owner shall coordinate with the Chairperson and conduct a pumping test in accordance with the Standards (a pump testing worksheet is attached). The permittee, well operator, and/or well owner shall submit to the Chairperson the test results as a basis for supporting an application to install a permanent pump and withdraw water for use. No permanent pump may be installed until a pump installation permit is approved and issued by the Chairperson.

3. In basalt ground water, the depth of the well may not exceed one-fourth (1/4) of the theoretical thickness (41 times initial head) of the basalt ground water unless otherwise authorized by the Chairperson.

4. The permittee, well operator, and/or well owner shall incorporate mitigation measures to prevent construction debris from entering the aquatic environment, to schedule work to avoid periods of high rainfall, and to revegetate any cleared areas as soon as possible.

5. In the event that subsurface cultural remains such as artifacts, burials or concentrations of shells or charcoal are encountered during construction, the permittee, well operator, and/or well owner shall stop work and contact the Department's Historic Preservation immediately.

6. The proposed well construction shall not adversely affect existing or future legal uses of water in the area, including any surface water or established instream flow standards. This permit or the authorization to construct the well shall not constitute a determination of correlative water rights.

7. The following shall be submitted to the Chairperson within sixty (60) days after completion of work:
   b. Elevation (referenced to mean sea level, msl) survey by a Hawaii-licensed surveyor.
   c. As-built sectional drawing of the well.
   d. Plot plan and map showing the exact location of the well.
   e. Complete pumping test records, including time, pumping rate, drawdown, chloride content, and other data.

8. The permittee, well operator, and/or well owner shall comply with all applicable laws, rules, and ordinances; non-compliance may be grounds for revocation of this permit.

9. The well construction permit application is incorporated into this permit by reference and is subject to the Hawaii Well Construction & Pump Installation Standards (February 2004; HWCPIS). If the HWCPIS are not followed and as a consequence water is wasted or contaminated, a lien on the property may result.

10. The permit may be revoked by the Commission if work is not started within six (6) months after the date of approval or if work is suspended or abandoned for six (6) months, unless otherwise specified. The work proposed in the well construction permit application shall be completed within two (2) years from the date of permit approval, unless otherwise specified. The permit may be extended by the Chairperson upon a showing of good cause and good-faith performance. A request to extend the permit shall be submitted to the Chairperson no later than three (3) months prior to the date the permit expires. If the commencement date is not met, the Commission may revoke the permit after giving the permittee, well operator, and/or well owner notice of the proposed action and an opportunity to be heard.

11. If the well is not to be used it must be properly capped. If the well is to be abandoned then the permittee, well operator, and/or well owner must apply for a well abandonment permit in accordance with §13-168-12(f) prior to any well sealing or plugging work.

12. The permittee, its successors, and assigns shall indemnify, defend, and hold the State of Hawaii harmless from and against any loss, liability, claim, or demand for property damage, personal injury, or death arising out of any act or omission of the applicant, assigns, officers, employees, contractors, and agents under this permit or relating to or connected with the granting of this permit.

13. Special conditions in the attached cover transmittal letter are incorporated herein by reference.

Date of Approval: June 4, 2004
Expiration Date: June 4, 2006

I have read the conditions and terms of this permit and understand them. I accept and agree to these conditions as a prerequisite and underlying condition of my ability to proceed and understand that I shall not commence work until I and the driller have signed, dated, and returned the permit to the Commission. I also understand that non-compliance with any permit condition may be grounds for revocation and fines of up to $1000 per day starting from the permit date of approval.

Permittee's Signature: Charles L. Webb
Driller's Signature: Roland Rondell
Printed Name: Firm or Title:
C-57 License #: B23379
Date: 7/19/04

Please sign both copies of this permit, return one to the Chairperson, and retain the other for your records.

Attachment
C: USGS
Department of Health's Safe Drinking Water, Wastewater, and Clean Water Branches
Hawaii Department of Water Supply
All Construction Permit

Webb 2 Well, Well No. 3687-11

Note: This permit shall be prominently displayed at the site until the work is completed.

In accordance with Department of Land and Natural Resources, Commission on Water Resource Management's Administrative Rules, Section 13-168, entitled “Water Use, Wells, and Stream Diversion Works,” this document permits the construction and testing of Webb 2 Well (Well No. 3687-11) at 8th Ave., HPP, Hawaii, TMK 1-5-051; 148, subject to the Hawaii Well Construction & Pump Installation Standards (February 2004) which include but are not limited to the following conditions:

1. The Chairperson of the Commission on Water Resource Management (Commission), P.O. Box 621, Honolulu, HI 96809, shall be notified, in writing, at least two (2) weeks before any work authorized by this permit commences and staff shall be allowed to inspect installation activities in accordance with §13-168-15, Hawaii Administrative Rules.

2. The well construction permit shall be for construction and testing of the well only. A minimum 1¼-inch diameter monitor tube shall be permanently installed, in a manner acceptable to the Chairperson, to accurately record water levels. The permittee, well operator, and/or well owner shall coordinate with the Chairperson and conduct a pumping test in accordance with the Standards (a pump testing worksheet is attached). The permittee, well operator, and/or well owner shall submit to the Chairperson the test results as a basis for supporting an application to install a permanent pump and withdraw water for use. No permanent pump may be installed until a pump installation permit is approved and issued by the Chairperson.

3. In basin ground water, the depth of the well may not exceed one-fourth (1/4) of the theoretical thickness (41 times initial head) of the basin ground water unless otherwise authorized by the Chairperson.

4. The permittee, well operator, and/or well owner shall incorporate mitigation measures to prevent construction debris from entering the aquatic environment, to schedule work to avoid periods of high rainfall, and to revegetate any cleared areas as soon as possible.

5. In the event that subsurface cultural remains such as artifacts, burials or concentrations of shells or charcoal are encountered during construction, the permittee, well operator, and/or well owner shall stop work and contact the Department's Historic Preservation immediately.

6. The proposed well construction shall not adversely affect existing or future legal uses of water in the area, including any surface water or established instream flow standards. This permit or the authorization to construct the well shall not constitute a determination of cumulative water rights.

7. The following shall be submitted to the Chairperson within sixty (60) days after completion of work:
   b. Elevation (referenced to mean sea level, msl) survey by a Hawaii-licensed surveyor.
   c. As-built sectional drawing of the well.
   d. Plot plan and map showing the exact location of the well.
   e. Complete pumping test records, including time, pumping rate, drawdown, chloride content, and other data.

8. The permittee, well operator, and/or well owner shall comply with all applicable laws, rules, and ordinances; non-compliance may be grounds for revocation of this permit.

9. The well construction permit application is incorporated into this permit by reference and is subject to the Hawaii Well Construction & Pump Installation Standards (February 2004; HWCPIS). If the HWCPIS are not followed and as a consequence water is wasted or contaminated, a lien on the property may result.

10. The permit may be revoked by the Commission if work is not started within six (6) months after the date of approval or if work is suspended or abandoned for six (6) months, unless otherwise specified. The work proposed in the well construction permit application shall be completed within two (2) years from the date of permit approval, unless otherwise specified. The permit may be extended by the Chairperson upon a showing of good cause and good-faith performance. A request to extend the permit shall be submitted to the Chairperson no later than three (3) months prior to the date the permit expires. If the commencement date is not met, the Commission may revoke the permit after giving the permittee, well operator, and/or well owner notice of the proposed action and an opportunity to be heard.

11. If the well is not to be used it must be properly capped. If the well is to be abandoned then the permittee, well operator, and/or well owner must apply for a well abandonment permit in accordance with §13-168-12(f) prior to any well sealing or plugging work.

12. The permittee, its successors, and assigns shall indemnify, defend, and hold the State of Hawaii harmless from and against any loss, liability, claim, or demand for property damage, personal injury, or death arising out of any act or omission of the applicant, assigns, officers, employees, contractors, and agents under this permit or relating to or connected with the granting of this permit.

13. Special conditions in the attached cover transmittal letter are incorporated herein by reference.

Date of Approval: June 14, 2004
Expiration Date: June 14, 2006

I have read the conditions and terms of this permit and understand them. I accept and agree to meet these conditions as a prerequisite and underlying condition of my ability to proceed and understand that I shall not commence work until I and the driller have signed, dated, and returned the permit to the Commission. I also understand that non-compliance with any permit condition may be grounds for revocation and fines of up to $5000 per day starting from the permit date of approval.

Permittee's Signature:
Printed Name: Charles L. Webb
Firm or Title:
Date: 7/8/04
Driller's Signature: Carl E. Keel
C-57 License #: RL 23379
Date: 2/19/04
Printed Name: Kau K. Loli
Firm or Title: Owner

Please sign both copies of this permit, return one to the Chairperson, and retain the other for your records.

Attachment C
USGS
Department of Health's Safe Drinking Water, Wastewater, and Clean Water Branches
Hawaii Department of Water Supply
June 9, 2004

Ref: 3688-07.wcp

Mr. Charles Webb
General Delivery
Keeau, HI 96749

Dear Mr. Webb:

Well Construction Permit
Webb Well (Well No. 3688-07)

Enclosed are two (2) copies of your approved Well Construction Permit for the captioned well(s) that authorize well construction activities but excludes installation work for your permanent pump. As part of the Chairperson's approval, the following special conditions were added and are part of your permit under Permit Condition 13:

Special Conditions

1. Attached for your information is a copy of the Department of Health's (DOH) review comments. Please note DOH's requirements related to discharge of effluent from well drilling and testing activities.

This permit does not authorize work for your permanent pump installation. Approval and issuance of your pump installation permit is contingent upon completed application and information provided to and accepted by Commission staff as required in the Well Construction & Pump Installation Standards (February 2004) and any special conditions performed under this permit. However, a permanent pump may be installed prior to the permanent pump installation permit issuance in accordance with the Commission's April 15, 1998 Declaratory Ruling No. DEC-ADM98-G5, which states that:

"Permanent pump installation for capacities between 0-70 gpm and where the proposed use is for private individual needs in non-ground-water management areas may be allowed prior to the final pump installation permit issuance. When required as a condition of the well construction permit, subsequent pumping tests shall validate the acceptability of the permanent pump. The permanent pump installed prior to final pump installation permit issuance is subject to removal if the testing shows that a smaller pump is required to reduce the potential of affecting neighboring wells and localized upconing at the applicant's well."

If you qualify and wish to take advantage of this ruling, please include a written request to install the permanent pump prior to final pump installation permit issuance when you return to us your signed well construction permit.
Please sign and have the contractor sign both permit originals and return one for our files. Also, copies of the aquifer pump test worksheet and the well completion report form are enclosed for your use.

**IMPORTANT** - Drilling work shall not commence until a fully signed permit is returned to the Commission. Please provide all the information in this packet to your well drilling contractor. The permittee, well operator, and/or well owner are responsible for all conditions of the permit. This includes ensuring that the well construction contractor, or other party who constructs the well(s), submits a completed Part I of the Well Completion Report form (enclosed) within sixty (60) days after the well construction work is completed. Be advised that you may be subject to fines of up to $1000 per day for any violations of your permit conditions starting from the permit approval date.

If you have any questions, please call Ryan Imata of the Commission staff at 587-0255 or toll-free at 974-4000 (Hawaii), 274-3141 (Kauai), 984-2400 (Maui), or 1-800-468-4644 (Lanai & Molokai), extension 70255.

Sincerely,

Peter T. Young
Chairperson

Enclosures
In accordance with Department of Land and Natural Resources, Commission on Water Resource Management's Administrative Rules, Section 13-168, entitled "Water Use, Wells, and Stream Diversion Works", this document permits the construction and testing of Webb Well (Well No. 3688-07) at 10th Ave. HPD, Hawaii, TMK 1-5-52: 193, subject to the Hawaii Well Construction & Pump Installation Standards (February 2004) which include but are not limited to the following conditions:

1. The Chairperson of the Commission on Water Resource Management (Commission), P.O. Box 621, Honolulu, HI 96809, shall be notified, in writing, at least two (2) weeks before any work authorized by this permit commences and staff shall be allowed to inspect installation activities in accordance with §13-168-15, Hawaii Administrative Rules.

2. The well construction permit shall be for construction and testing of the well only. A minimum 1½-inch diameter monitor tube shall be permanently installed, in a manner acceptable to the Chairperson, to accurately record water levels. The permittee, well operator, and/or well owner shall coordinate with the Chairperson and conduct a pumping test in accordance with the Standards (a pump testing worksheet is attached). The permittee, well operator, and/or well owner shall submit to the Chairperson the test results as a basis for supporting an application to install a permanent pump and withdraw water for use. No permanent pump may be installed until a pump installation permit is approved and issued by the Chairperson.

3. In basal ground water, the depth of the well may not exceed one-fourth (1/4) of the theoretical thickness (41 times initial head) of the basal ground water unless otherwise authorized by the Chairperson.

4. The permittee, well operator, and/or well owner shall incorporate mitigation measures to prevent construction debris from entering the aquatic environment, to schedule work to avoid periods of high rainfall, and to revegetate any cleared areas as soon as possible.

5. In the event that subsurface cultural remains such as artifacts, burials or concentrations of shells or charcoal are encountered during construction, the permittee, well operator, and/or well owner shall stop work and contact the Department's Historic Preservation Office immediately.

6. The proposed well construction shall not adversely affect existing or future legal uses of water in the area, including any surface water or established instream flow standards. This permit or the authorization to construct the well shall not constitute a determination of correlative water rights.

7. The following shall be submitted to the Chairperson within sixty (60) days after completion of work:
   b. Elevation (referenced to mean sea level, msl) survey by a Hawaii-licensed surveyor.
   c. As-built sectional drawing of the well.
   d. Plot plan and map showing the exact location of the well.
   e. Complete pumping test records, including time, pumping rate, drawdown, chloride content, and other data.

8. The permittee, well operator, and/or well owner shall comply with all applicable laws, rules, and ordinances; non-compliance may be grounds for revocation of this permit.

9. The well construction permit application is incorporated into this permit by reference and is subject to the Hawaii Well Construction & Pump Installation Standards (February 2004; HWCPIS). If the HWCPIS are not followed and as a consequence water is wasted or contaminated, a lien on the property may result.

10. The permit may be revoked by the Commission if work is not started within six (6) months after the date of approval or if work is suspended or abandoned for six (6) months, unless otherwise specified. The work proposed in the well construction permit application shall be completed within two (2) years from the date of permit approval, unless otherwise specified. The permit may be extended by the Chairperson upon a showing of good cause and good faith performance. A request to extend the permit shall be submitted to the Chairperson no later than three (3) months prior to the date the permit expires. If the commencement date is not met, the Commission may revoke the permit after giving the permittee, well operator, and/or well owner notice of the proposed action and an opportunity to be heard.

11. If the well is not to be used it must be properly capped. If the well is to be abandoned then the permittee, well operator, and/or well owner must apply for a well abandonment permit in accordance with §13-168-12(f) prior to any well sealing or plugging work.

12. The permittee, its successors, and assigns shall indemnify, defend, and hold the State of Hawaii harmless from and against any loss, liability, claim, or demand for property damage, personal injury, or death arising out of any act or omission of the applicant, assigns, officers, employees, contractors, and agents under this permit or relating to or connected with the granting of this permit.

13. Special conditions in the attached cover transmittal letter are incorporated herein by reference.

Date of Approval: June 4, 2004
Expiration Date: June 4, 2006

PETER T. YOUNG, Chairperson
Commission on Water Resource Management

I have read the conditions and terms of this permit and understand them. I accept and agree to meet these conditions as a prerequisite and underlying condition of my ability to proceed and understand that I shall not commence work until I and the driller have signed, dated, and returned the permit to the Commission. I also understand that non-compliance with any permit condition may be grounds for revocation and fines of up to $1000 per day starting from the permit date of approval.

Permittee's Signature: ___________________________ Date: ______________
Printed Name: ___________________________ Firm or Title: ___________________________
Driller's Signature: ___________________________ C-57 License # : ______________ Date: ______________
Printed Name: ___________________________ Firm or Title: ___________________________

Please sign both copies of this permit, return one to the Chairperson, and retain the other for your records.

Attachment

C: USGS
Department of Health/ Safe Drinking Water, Wastewater, and Clean Water Branches
Hawaii Department of Water Supply
March 8, 2004

TO: Honorable Chiyome L. Fukino, M.D., Director
Department of Health
Attention: Harold Yee, Wastewater Branch
William Wong, Safe Drinking Water Branch
Dr. Keith Kawauka, Hazardous Evaluation and Emergency Response
Alex Wong, Clean Water Branch

FROM: Peter T. Young, Chairperson
Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
Webb Well (Well No. 3688-07)

Transmitted for your review and comment is a copy of the captioned Well Construction/Pump Installation permit application.

We would appreciate your comments on the captioned application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your department. Please respond by returning this cover memo form by April 1, 2004. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Ryan Imata of the Commission staff at 587-0255.

RESPONSE:

1) This well qualifies as a source which will serve as a source of public water to a public water system (defined as serving 25 or more people at least 60 days per year or having 15 or more service connections) and must receive Director of Health approval prior to its use to comply with Hawaii Administrative Rules (HAR), Title 11, Chapter 20, Rules Relating to Public Water Systems, 817-26-01.

2) This well does not qualify as a source serving a public water system (serves less than 25 people or less than 15 service connections) and if the well water is used for drinking, the private owner should test for microbiological and chemical presence before using such water and routinely monitor the water quality thereafter. However, if future planned uses from this source increase to meet the public water system definition then Director of Health approval is required prior to implementation.

3) If the well is used to supply both potable and non-potable purposes in a single system, the water shall eliminate cross-connections and backflow prevention devices should be used to prevent inadvertent contamination of non-potable water. Backflow prevention devices should be routinely inspected and tested.

4) If the well position does not appear that this well will be used for consumptive purposes and is not subject to Safe Drinking Water Regulations.

5) For the applicant's information, a source of possible wastewater contamination [the] is not located near the proposed well site (information attached).

6) An NPDES permit is required.

7) Other relevant DOH rules/regulations, information, or recommendations are attached.

8) No comments/objections.

Contact Person: William Wong
Phone: 586-4258

Signed: [Signature]
Date: 3/3/2004
1. We believe there are no historic properties present because:
   a. intensive cultivation has altered the land
   b. residential development/urbanization has altered the land
   c. previous grubbing/grading has altered land
   d. an acceptable archaeological assessment or inventory survey found no historic properties
   X e. other: No known historic sites, please contact SHPD should lava tubes or cultural remains be encountered during drilling of the well.

2. This project has already gone through the historic preservation review process.
   a. mitigation has been completed
   b. other: X

Thus, we believe that “no historic properties will be affected by this undertaking.

Signed: Jeanne M. Knapp  Date: 4-7-04

Historic Preservation Division-Kona
Jeanne M. Knapp
March 8, 2004

TO: Honorable Chiyome L. Fukino, M.D., Director
Department of Health
Attention: Harold Yee, Wastewater Branch
William Wong, Safe Drinking Water Branch
Dr. Keith Kawaoka, Hazardous Evaluation and Emergency Response
Alec Wong, Clean Water Branch

FROM: Peter T. Young, Chairperson
Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
Webb Well (Well No. 3688-07)

Transmitted for your review and comment is a copy of the captioned Well Construction/Pump Installation permit application.

We would appreciate your comments on the captioned application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your department. Please respond by returning this cover memo form by April 1, 2004. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Ryan Imata of the Commission staff at 587-0255.

RI:ss
Attachment(s)

RESPONSE:

This well qualifies as a source which will serve as a source of potable water to a public water system (defined as serving 25 or more people at least 60 days per year or has 15 or more service connections) and must receive Director of Health approval prior to its use to comply with Hawaii Administrative Rules (HAR), Title 11, Chapter 26. Rules Relating to Potable Water Systems, §11-25-20.

This well does not qualify as a source serving a public water system (serves less than 25 people or more people at least 60 days per year or 15 service connections) and if the well water is used for drinking, the private owner should test for bacteriological and chemical presence before initiating such use and routinely monitor the water quality thereafter. However, if future planned use from the source increases to meet the public water system definition then Director of Health approval is required prior to implementation.

If the well is used to supply both potable and non-potable purposes in a single system, the user shall eliminate cross-connections and backflow connections by physically separating potable and non-potable systems by an air gap or an approved backflow preventative, and by clearly labeling all non-potable systems with warning signs to prevent inadvertent consumption of non-potable water. Backflow prevention devices should be routinely inspected and tested.

It does not appear that this well will be used for consumptive purposes and is not subject to Safe Drinking Water Regulations.

For the applicant's information, a source of possible wastewater contamination is not located near the proposed well site (information attached).

An NPDES permit is required.

Other relevant DOH rules/regulations, information, or recommendations are attached.

No comments/objections

Contact Person: Alec Wong
Phone: 586-4309

Signed: Alec Wong
Date: 3/16/04
The Department of Health, Clean Water Branch has the following comments:

1. **For Well-Drilling Activities**

Any discharge to State waters of treated process wastewater effluent associated with well drilling activities is regulated by Hawaii Administrative Rules, Title 11, Chapter 55, Appendix I, effective September 22, 1997. Treated process wastewater effluent covered by this general permit includes well drilling slurries, lubricating fluids, well pump test wastewaters, and well purge wastewaters. This general permit does not cover well pump testing. The applicable Notice of Intent Forms and filing fee shall be submitted at least thirty (30) days before the start of discharge to the Department of Health, Clean Water Branch at 919 Ala Moana Boulevard, Room 301, Honolulu, Hawaii 96814-4920 or P.O. Box 3378, Honolulu, Hawaii 96801-3378. Inquiries may be directed to the Clean Water Branch at (808) 586-4309 or by fax at (808) 586-4352.

2. **For Well Pump Testing**

The discharger shall take all measures necessary to prevent the discharge of pollutants from entering State waters. Such measures shall include, if necessary, containment of the initial discharge until the discharge is essentially free of pollutants. If the discharge is entering a stream or river bed, best management practices shall be implemented to prevent the discharge from disturbing the clarity of the receiving water. If the discharge is entering a storm drain, the discharger must obtain written permission from the owner of that storm drain prior to discharge. Furthermore, best management practices shall be implemented to prevent the discharge from collecting sediments and other pollutants prior to entering the storm drain.

JS/cr
March 8, 2004

TO: Honorable Chiyoue L. Fukino, M.D., Director
Department of Health
Attention: Harold Yee, Wastewater Branch
William Wong, Safe Drinking Water Branch
Dr. Keith Kawaoka, Hazardous Evaluation and Emergency Response
Alec Wong, Clean Water Branch

FROM: Peter T. Young, Chairperson
Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
Webb Well (Well No. 3688-07)

Transmitted for your review and comment is a copy of the captioned Well Construction/Pump Installation permit application.

We would appreciate your comments on the captioned application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your department. Please respond by returning this cover memo form by April 1, 2004. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Ryan Imata of the Commission staff at 587-0255.

RESPONSE:

[ ] This well qualifies as a source which will serve as a source of potable water to a public water system (defined as serving 25 or more people at least 60 days per year or has 15 or more service connections) and must receive Director of Health approval prior to its use to comply with Hawaii Administrative Rules (HAR), Title 11, Chapter 20, Rules Relating to Potable Water Systems, §11-20-29.

[ ] This well does not qualify as a source serving a public water system (serves less than 25 people or more people at least 60 days per year or 15 service connections) and if the well water is used for drinking, the private owner should test for bacteriological and chemical presence before initiating such use and routinely monitor the water quality thereafter. However, if future planned use from this source increases to meet the public water system definition then Director of Health approval is required prior to implementation.

[ ] If the well is used to supply both potable and non-potable purposes in a single system, the user shall eliminate cross-connections and backflow connections by physically separating potable and non-potable systems by an air gap or an approved backflow preventer, and by clearly labeling all non-potable spigots with warning signs to prevent inadvertent consumption of non-potable water. Backflow prevention devices should be routinely inspected and tested.

[ ] It does not appear that this well will be used for consumptive purposes and is not subject to Safe Drinking Water Regulations.

[ ] For the applicant's information, a source of possible wastewater contamination [ ] is not located near the proposed well site (information attached).

[ ] An NPDES permit is required.

[ ] Other relevant DOH rules/regulations, information, or recommendations are attached.

[ ] No comments/objections

Contact Person: Lori N. Kajiwara
Phone: 808-429-4

Signed: Lori N. Kajiwara

Date: 3-15-2004
March 8, 2004

TO: Dede Mamiya, Administrator
   Land Division

FROM: Ernest Y.W. Lau, Deputy Director
       Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
         Webb Well (Well No. 3688-07)

Transmitted for your review and comment is a copy of the captioned Well Construction/Pump Installation permit application.

We would appreciate your comments on the captioned application with regard to the programs, plans, and objectives specific to your division. Please respond by returning this cover memo form by April 1, 2004. If we do not receive comments or a request for additional review time by this date, we will assume you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Ryan Imata of the Commission staff at 587-0255.

Response:

[ ] A water lease/permit is required of this applicant and an application for such will be requested by our division.

[ ] A water lease/permit is not required of this applicant.

[ ] A water lease/permit has been obtained by the applicant through lease no. ____________________________

[ ] This well project [ ] requires [ ] does not require a CDUP. If a CDUP is required it [ ] has [ ] has not been approved and [ ] is [ ] is not currently active.

[ ] Other relevant Land Division rules/regulations, information, or recommendations are attached.

[ ] No objections

[ ] Other comments: Original source of private title is land Commission Award No. 11216: 40 issued between 1845 and 1855.

Contact Person: Gary Martin Phone: 587-0421

Signed: __________________________ Phone: 587-0421

Date: __________________________
# Well Check Program

4/1/04 - Revised for update to Well Standards (February 2004)

## Data Input

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<td>Public Water Supply Well?</td>
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<td>Solid Casing Specification</td>
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<td>Solid Casing Wall Thickness</td>
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## Results

### Well Depth

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### Well Casing

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<td>(for PVC only - check for 200' limit)</td>
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*Note: The document contains additional notes and annotations.*
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<td>WEBB, CHARLES L</td>
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This information has been supplied by third parties and has not been independently verified by Hawaii Information Service and is, therefore, not guaranteed.
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<tr>
<th>ATTACHMENTS FOR APPLICATION PROCESSING</th>
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<td>1. TRANS. LETTER</td>
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<td>2. CWRM MAP</td>
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<td>3. APPL. FORM (5 COPIES)</td>
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<td>4. USGS MAPS (5 COPIES)</td>
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<td>5. TAX MAPS (5 COPIES)</td>
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<td>6. PARCEL OWNER VERIF.</td>
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<td>7. CONTRACTOR VERIF.</td>
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<td>8. ALL INFO FILLED IN</td>
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<td>9. BACKGROUND CHECK</td>
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<td>10. $25 FEE DEPOSIT SLIP</td>
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<td>11. DHP, SMA, EA check</td>
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INCOMPLETE ACTION DATES:

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March 8, 2004

Mr. Charles Webb
General Delivery
Keeau, HI 96749

Dear Mr. Webb:

Well Construction/Pump Installation Permit Application for Well No. 3688-07

We acknowledge receipt, on February 13, 2004, of your completed Well Construction/Pump Installation permit application and filing fee for the Webb Well (Well No. 3688-07). You can expect your application to be processed within ninety (90) days from this date.

For your information, the process of constructing a well is normally regulated and permitted in two (2) steps. First, a well construction permit is issued for drilling and testing purposes only. Based upon information provided by you through a Well Completion Report Part 1 (Well Construction), a pump installation permit (upon completed application) may then be issued to authorize pump work. If a pump is installed then a Well Completion Report Part 2 (Pump Installation) is required.

If you have any questions about your permit application, please contact Ryan Imata of the Commission staff at 587-0255 or toll-free at 974-4000 (Hawaii), 274-3141 (Kauai), 984-2400 (Maui), or 1-800-468-4644 (Lanai & Molokai), extension 70255.

Sincerely,

ERNEST Y.W. LAU
Deputy Director

RI:ss
March 8, 2004

TO: Honorable Chiyome L. Fukino, M.D., Director
Department of Health
Attention: Harold Yee, Wastewater Branch
William Wong, Safe Drinking Water Branch
Dr. Keith Kawaoka, Hazardous Evaluation and Emergency Response
Alec Wong, Clean Water Branch

FROM: Peter T. Young, Chairperson
Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
Webb Well (Well No. 3688-07)

Transmitted for your review and comment is a copy of the captioned Well Construction/Pump Installation permit application.

We would appreciate your comments on the captioned application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your department. Please respond by returning this cover memo form by April 1, 2004. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Ryan Imata of the Commission staff at 587-0255.

RESPONSE:

[ ] This well qualifies as a source which will serve as a source of potable water to a public water system (defined as serving 25 or more people at least 60 days per year or has 15 or more service connections) and must receive Director of Health approval prior to its use to comply with Hawaii Administrative Rules (HAR), Title 11, Chapter 20, Rules Relating to Potable Water Systems, §11-20-29.

[ ] This well does not qualify as a source serving a public water system (serves less than 25 people or more people at least 60 days per year or 15 service connections) and if the well water is used for drinking, the private owner should test for bacteriological and chemical presence before initiating such use and routinely monitor the water quality thereafter. However, if future planned use from this source increases to meet the public water system definition then Director of Health approval is required prior to implementation.

[ ] If the well is used to supply both potable and non-potable purposes in a single system, the user shall eliminate cross-connections and backflow connections by physically separating potable and non-potable systems by an air gap or an approved backflow preventer, and by clearly labeling all non-potable spigots with warning signs to prevent inadvertent consumption of non-potable water. Backflow prevention devices should be routinely inspected and tested.

[ ] It does not appear that this well will be used for consumptive purposes and is not subject to Safe Drinking Water Regulations.

[ ] For the applicant's information, a source of possible wastewater contamination [ ] is [ ] not located near the proposed well site (information attached).

[ ] An NPDES permit is required.

[ ] Other relevant DOH rules/regulations, information, or recommendations are attached.

[ ] No comments/objections

Contact Person: ____________________________ Phone: ______________

Signed: ____________________________ Date: ______________
March 8, 2004

TO: Dede Mamiya, Administrator
   Land Division
FROM: Ernest Y.W. Lau, Deputy Director
       Commission on Water Resource Management
SUBJECT: Well Construction/Pump Installation Permit Application
         Webb Well (Well No. 3688-07)

Transmitted for your review and comment is a copy of the captioned Well
Construction/Pump Installation permit application.

We would appreciate your comments on the captioned application with regard to the
programs, plans, and objectives specific to your division. Please respond by returning this
cover memo form by April 1, 2004. If we do not receive comments or a request for additional
review time by this date, we will assume you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions
about this permit application, request additional information, or request additional review time,
please contact Ryan Imata of the Commission staff at 587-0255.

RESPONSE:

[ ] A water lease/permit is required of this applicant and an application for such will be requested by our division.

[ ] A water lease/permit is not required of this applicant.

[ ] A water lease/permit has been obtained by the applicant through lease no.__________________.

[ ] This well project [ ] requires [ ] does not require a CDUP. If a CDUP is required it [ ] has
   [ ] has not been approved and [ ] is [ ] is not currently active.

[ ] Other relevant Land Division rules/regulations, information, or recommendations are attached.

[ ] No objections

[ ] Other comments:

Contact Person: ___________________________ Phone: ________________

Signed: ___________________________ Date: ________________
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT
P.O. BOX 621
HONOLULU, HAWAII 96809

March 8, 2004

TO: Holly McEldowney, Acting Administrator
   Historic Preservation

FROM: Ernest Y.W. Lau, Deputy Director
      Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
         Webb Well (Well No. 3688-07)

Transmitted for your review and comment is a copy of the captioned Well
Construction/Pump Installation permit application.

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cover memo form by April 1, 2004. If we do not receive comments or a request for additional
review time by this date, we will assume you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions
about this permit application, request additional information, or request additional review time,
please contact Ryan Imata of the Commission staff at 587-0255.

RESPONSE:

[ ] There may be areas in the vicinity of the well site that contain subsurface cultural remains such as artifacts,
burials or concentrations of shells or charcoal.

[ ] Other relevant Historic Preservation rules/regulations, information, or recommendations are attached.

[ ] No objections

[ ] Other comments:

Contact Person: ____________________ Phone: __________

Signed: ____________________________ Date: __________
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**TOTAL** | $ 50.00 |

**REMARKS:**
- LINE (1) Nichols Well, tmk: 1-5-035-019
- LINE (2) Webb Well, tmk: 1-5-52-193
- LINE (3)
- LINE (4)
- LINE (5)
- LINE (6)
- LINE (7)
- LINE (8)
- LINE (9)
- LINE (10)
State of Hawaii  
COMMISSION ON WATER RESOURCE MANAGEMENT  
Department of Land and Natural Resources  
APPLICATION FOR PERMIT  

<table>
<thead>
<tr>
<th>Well Construction</th>
<th>x Pump Installation</th>
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**Instructions:** Please print in ink or type and send completed application with attachments to the Commission on Water Resource Management, P.O. Box 821, Honolulu, Hawaii 96809. Application must be accompanied by 5 copies and a non-refundable filing fee of $250.00 payable to the Dept. of Land and Natural Resources. The Commission may not accept incomplete applications. For assistance, call the Regulation Branch at 808-648-2225. For further information and updates to this application form, visit http://www.owrm.hawaii.gov.

### APPLICANT INFORMATION: (Fill out all three, if applicable, and place a check next to the primary contact)

1. (a) **WELL OWNER:**
   - Mailing Address: ____________________________
   - Contact Person: ____________________________
   - Phone: ____________________________
   - Fax: ____________________________
   - E-mail: ____________________________

2. (b) **LAND OWNER:**
   - Charles Webb  
   - Mailing Address: General Delivery  
   - Kauai, HI 96744

3. (c) **CONTRACTOR:**
   - Mailing Address: ____________________________
   - Contact Person: ____________________________
   - Phone: ____________________________
   - Fax: ____________________________
   - E-mail: ____________________________

### WELL & PUMP INFORMATION:

<table>
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<tr>
<th>岛</th>
<th>稳定化区域</th>
<th>井号</th>
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<td>11° 8' 49.8&quot; N</td>
<td>105° 36' 40.3&quot; W</td>
<td></td>
</tr>
</tbody>
</table>

- **Address:** 11° 8' 49.8" N, 105° 36' 40.3" W  
- **Tax Map Key:** 1 - 5 - 3:193
- **Zone:** 1
- **Sec:** 5
- **Part:** 3
- **Parcel:** 193

### PROPOSED WORK: (check all that apply)

- **Drilled**
- **Dug**
- **Shaft**
- **Tunnel**

- **Install New Pump**
- **Modify Existing Well**
- **Abandon/Seal**
  - *State Well No.:* [Enter number here]  
  - (If unknown, please call Commission at 587-0225)

### CONSTRUCTION:

- **Drilled**
- **Dug**
- **Shaft**
- **Tunnel**

**is this well part of a battery of wells?**  
- **Yes**
- **No**

### PROPOSED PUMPING RATE:

- **20 gallons per minute**

### PROPOSED USE:

- **Municipal** (including hotels, stores, etc.)
- **Industrial**

**Domestic** (individual, noncommercial water system)

- **Yes**
- **No**

**Irrigation** (crop)

- **Yes**
- **No**

**Military**

- **Yes**
- **No**

**Other (explain):**

### PROPOSED AMOUNT OF WITHDRAWAL:

- **250 gallons per day**

### METHOD OF FLOW MEASUREMENT:

- **Flowmeter**
- **Open-pipe**
- **Weir**
- **Office**

- **Other (explain):**

### OTHER INFORMATION:

8. **LEGAL REQUIREMENTS:**
   - **Required**
   - **Not Required**
   - **If required, date approved:**

   **Environmental Impact Statement (EIS) or Environmental Assessment (EA):**  
   - To determine if an EIS or EA is necessary, call OEOC at 586-4185

   **Special Management Area Permit (SMA):**  
   - To determine if an SMA is necessary, call Oahu, 527-5374; on Maui, 961-8288; for Maui county, 210-7736; on Kauai, 241-6677

   **If required, date approved:**

9. **ARCHEOLOGICAL REQUIREMENTS:**
   - **Required**
   - **Not Required**

   **If required, please attach letter from DLNR Historic Preservation**

10. **REMARKS, EXPLANATIONS:**

    (If more space is needed, please attach additional sheet)

**NOTE:** Signing below indicates the signatories understand and agree that the information provided on this application is accurate and true to the best of their knowledge. Further, the signatories understand that approval of this application attaches the following standard conditions: 1) the proposed work is to be completed within two (2) years of the approval date; 2) the contractor shall submit to the Commission a well completion/abandonment report within 60 days after the completion date of the permitted work; 3) monthly water use data shall be submitted to the Commission; 4) such approval shall not constitute a determination of water rights and shall not guarantee the pump capacity or future use to the permitted pump capacity; 5) in the event that the application is not completed correctly, any permit may be suspended until the item is brought into compliance, and any work done while the permit is in suspension may result in fines of up to $3000 daily.

**Well Owner**  
- Print legibly

**Landowner**  
- Print legibly

**Signature**  
- Print legibly

**Date**  
- Print legibly

**For official use only**
- Aquifer System No.
- State Well No.

---

**State Well No.:** C-37, C-57a, or A

FEB 13 9 A 9:06
10. PROPOSED WELL SECTION (Please attach schematic if different from diagram provided below)

**Solid Casing Material:**
- Carbon Steel: compliant with (check one or more): □ ANSI/AWWA C200 □ API Spec. 5L □ ASTM A53 □ ASTM A139
- Stainless Steel: compliant with (check one or more): □ ASTM A403 (production welds) □ ASTM A312 (monitor welds)
- ABS Plastic conforming to ASTM F480 and ASTM D1527: (check one): □ Schedule 40 □ Schedule 80
- PVC Plastic conforming to ASTM F480 and (ASTM D1785 or ASTM D2241): (check one): □ Schedule 40 □ Schedule 80 □ Schedule 120
- Thermoset Plastic: (check one): □ Filament Wound Resin Pipe conforming to ASTM D2996 □ Centrifugally Cast Resin Pipe conforming to ASTM D2997 □ Reinforced Plastic Miter Pressure Pipe conforming to ASTM D3517 □ Glass Fiber Reinforced Resin Pressure Pipe conforming to AWWA C950 □ PTFE Fluorocarbon Tubing conforming to ASTM D3296 □ FEP Fluorocarbon Tubing conforming to ASTM D3296

**Open Casing Material:**
- Carbon Steel: compliant with (check one or more): □ ANSI/AWWA C200 □ API Spec. 5L □ ASTM A53 □ ASTM A139
- Stainless Steel: compliant with (check one or more): □ ASTM A403 □ Type E □ Type S □ Grade B □ Other
- ABS Plastic conforming to ASTM F480 and ASTM D1527: (check one): □ Schedule 40 □ Schedule 80
- PVC Plastic conforming to ASTM F480 and (ASTM D1785 or ASTM D2241): (check one): □ Schedule 40 □ Schedule 80 □ Schedule 120
- Thermoset Plastic: (check one): □ Filament Wound Resin Pipe conforming to ASTM D2996 □ Centrifugally Cast Resin Pipe conforming to ASTM D2997 □ Reinforced Plastic Miter Pressure Pipe conforming to ASTM D3517 □ Glass Fiber Reinforced Resin Pressure Pipe conforming to AWWA C950 □ PTFE Fluorocarbon Tubing conforming to ASTM D3296 □ FEP Fluorocarbon Tubing conforming to ASTM D3296

*The approximate elevation must be referenced to mean sea level (msl) at the time of application filing. Final elevations of well components shall be submitted in the Well Completion/Well Abandonment reports and referenced to a benchmark which has been established by a surveyor licensed by the State.

For non-salt water Basal Wells - bottom elevation of well should not be deeper than 1/4 of aquifer thickness or, Bottom Elevation of Well Limit = (Water Elevation - (1/4 Water Level Elevation))

Example: Estimated + 2 ft. Water Level Elev. → Bottom Elevation of Well Limit = (2 - (1/4 x 2)) = -1.5 ft.