WELL CONSTRUCTION PERMIT

Camp Well, Well No. 3687-13

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 Camp Well (Well No. 3687-13) at HPP, Hawaii, TMX 1-5-54: 018, 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 821, 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 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 18, 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 §13-155-12(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: August 31, 2004
Expiration Date: August 31, 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 $5000 per day starting from the permit date of approval.

Permittee’s Signature:

Printed Name: Richard S. Camp
Firm or Title: Land Australia
Date: 7/1/2004

Driller’s Signature:

Printed Name: Robert L. Diamond
Firm or Title: C-57 License #: 6E 2371
Date: 7/1/2004

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

DATE: 11/01/2004

This is to inform you that we would like to start well construction on CAMP WELL, Well No. 3687-13 and would like to use the test pump as the permanent pump prior to final pump installation permit issuance.

Feel free to call me at 808-987-8100 or home 808-966-6398.

Rod Diamond  Well Driller/ Contractor BC23379
FROM: **RYAN**

TO: **ANAKALEA, P.**
**BAUER, G.**
**CHAN, F.**
**DANBARA, S.**
**FUJII, N.**
**GOODING, K.**
**HARDY, R.**
**HIGA, D.**
**ICE, C.**
**IMATA, R.**
**IZU, Y.**
**KUNIMURA, I.**

TO: **MATHIAS, T.**
**NAKAMA, L.**
**NAKANO, D.**
**OHYE, M.**
**SAKODA, E.**
**STAHL, K.**
**SUBIA, S.**
**SWANSON, S.**
**UYENO, D.**
**YODA, K.**
**YOSHINAGA, M.**

DATE: 01 20

**WELL NUMBER:** 3687-13

**WELL NAME:** Camp

**ATTACHMENTS FOR WELL CONSTRUCTION PERMIT:**
1. COVER LETTER
2. PERMIT (2x)
3. SDWB
4. WWB
5. CBW
6. HEER
7. LD
8. HP
9. PUMP TEST
10. WCR I FORM
11. WELL CHECK PRINTOUT

**TO BE SENT TO APPLICANT**

**FOR OFFICE USE ONLY**

**ATTACHMENTS FOR PUMP INSTALLATION PERMIT:**
1. COVER LETTER
2. PERMIT (2x)
3. SDWB
4. WWB
5. CBW
6. HEER
7. LD
8. HP
9. WCR II FORM
10. WUR FORM
11. GLENN'S WORKSHEET

**TO BE SENT TO APPLICANT**

**FOR OFFICE USE ONLY**
Ref: 3687-13.wcp

Mr. Richard Camp  
HCR 2 Box 9572  
Keeau, HI  96749

Dear Mr. Camp:

Well Construction Permit  
Camp Well (Well No. 3687-13)

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.
Mr. Richard Camp  
Page 2  
September 21, 2004  

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 $5000 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,

[Signature]

Peter T. Young  
Chairperson  

Enclosures
WELL CONSTRUCTION PERMIT
Camp Well, Well No. 3687-13

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 Camp Well (Well No. 3687-13) at HPP, Hawaii, TMK 1-5-54: 018, subject to the Hawaii Well Construction & Pump Installation Standards (February 2004) which include but are not limited to the following conditions:

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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 Program 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 consumptive water rights.

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   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.

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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, assignees, operators, employees, contractors, and agents under this permit or relating to or connected with the granting of the permit.

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

Date of Approval: August 31, 2004
Expiration Date: August 31, 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 up to $5000 per day starting from the permit date of approval.

Permittee's Signature: ___________________________ Date: ___________________________
Printed Name: ___________________________ Firm or Title: ___________________________

Driller's Signature: ___________________________ Date: ___________________________
C-57 License #: ___________________________
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:

USGS
Department of Health's Safe Drinking Water, Wastewater, and Clean Water Branches
Hawaii Department of Water Supply
## Well Check Program

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

### Data Input

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<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Well Number</td>
<td>3687-13</td>
</tr>
<tr>
<td>Well Name</td>
<td>Camp Well</td>
</tr>
<tr>
<td>Ground Elevation</td>
<td>60</td>
</tr>
<tr>
<td>Cement Grout</td>
<td>47.8</td>
</tr>
<tr>
<td>Grouting Method</td>
<td>other</td>
</tr>
<tr>
<td>Hole Diameter</td>
<td>12</td>
</tr>
<tr>
<td>Total Depth</td>
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<td>Estimated Head</td>
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<tr>
<td>Public Water Supply Well?</td>
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</tr>
<tr>
<td>Solid Casing Material</td>
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</tr>
<tr>
<td>Solid Casing Specification</td>
<td>Schedule 40</td>
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<tr>
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<td>Solid Casing Diameter</td>
<td>6.625</td>
</tr>
<tr>
<td>Solid Casing Wall Thickness</td>
<td>0.188</td>
</tr>
<tr>
<td>Open Casing Length</td>
<td>10</td>
</tr>
</tbody>
</table>

### Results

#### Well Depth

- Theoretical Thickness of Aquifer: 410
- 1/4 Aquifer Thickness: 102.5

#### Well Casing

- Minimum Wall Thickness Material: pvc plastic
- Minimum Thickness per standards: no requirement

#### Well Thickness Provided

- Minimum Length of Solid Casing: 45
- 90% of ground to top of aquifer: 45
- Depth of solid casing Provided: 50
- Calculated Depth of Grouting: 35

#### Depth of Grouting provided

- 47.6

#### Annular Space

- Minimum Annular Space required: 2
- Thickness of Annular Space: 2.6875

*Section 2.4(e) / Section 2.6(e)*
July 28, 2004

TO: Dede Mamiya, Administrator
    Land Division

FROM: Yvonne Y. Izu, Deputy Director
      Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
         Camp Well (Well No. 3887-13)

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 August 31, 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.

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

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

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

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

[ ] No objections

[xx] Other comments: Original source of private title was issued prior to statehood.

Contact Person: Gary Martin
Phone: 587-0421

Signed: Gary Martin
Date: AUG 30 2004
July 28, 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
Camp Well (Well No. 3687-13)

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 August 31, 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.

Riss
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 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. §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 will be used for drinking, the person owner should test for pathological and chemical presence before instituting 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 [34] (1) 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: 586-6309

Signed: Alec Wong
Date: 8/10/04
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 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
Wastewater Branch
919 Ala Moana Blvd. Room 309
Honolulu, Hawaii 96814-4920
Phone (808) 586-4294   Fax (808) 586-4300

STATE MESSENGER DELIVERY

Date: August 2, 2004

To: Commission on Water Resource Management
   Department of Land & Natural Resources
   State of Hawaii

Attn: Ryan Iwata

From: Lori Kajiwara   Ph 586-4290 direct line
      Planning & Design Section   Fax 586-4300
      Email: Lkajiwara@eha.health.state.hi.us

Subject: Well Construction/Pump Installation Permit/Water Use Permit for
Well No. 3607-13

Camp Well

Please find enclosed the application of the above subject project.
Mr. James Matichuk, AIA, P.E.
1025 Loho Street
Kailua, Hawaii 96734-3668

Dear Mr. Matichuk:

Subject: Individual Wastewater System (IWS) Plans for Leo Enos
Project Site: 53-850 Kamehameha Hwy., Hauula, Oahu
TMK: (1) 5-3-013: 014
IWS File No.: 2813

We have received your Certification of Construction and As Built Plans for the above IWS. Information submitted to us indicates that the installed IWS meets applicable provisions of Hawaii Administrative Rules, Title 11, Chapter 62, entitled "Wastewater Systems."

As the professional engineer responsible for the Certification of Construction, please inform your client that the above IWS is approved for use. We strongly recommend that you discuss the necessary operation and maintenance of the individual wastewater system with your client. Emphasis should be placed on periodic inspections for scum and sludge accumulation as well as informing them not to dispose of materials that could affect the operation of the wastewater system.

As the professional engineer, you are also responsible for seeing that your client receives a copy of this Approval for Use letter. The owner will be required to give a copy of this letter to the County Building Inspector as a prerequisite to receiving final approval on the dwelling.

Should you have any questions, please feel free to contact the Wastewater Branch at 586-4294.

Sincerely,

HAROLD K. YEE, P.E.
Chief, Wastewater Branch

JO:lmh
July 28, 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
         Camp Well (Well No. 3687-13)

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 August 31, 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 of this source increases to meet the public water system definition then Director of Health approval is required prior to implementation.

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[ ] 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: John N. Kajiwara
Phone: 586-4294
Signed: John N. Kajiwara
Date: 8-2-04
A septic tank file has been found and the following information is provided. In general, the Department of Health has reviewed and approved of the plans based on the information submitted as verification that a treatment individual wastewater system (IWS) such as a septic tank was constructed and authorized to be used for wastewater disposal from a building/dwelling.

| Name of Applicant: Richard Camp |
| Address: HPP 5460 |
| Submit Plan Date: 07-06-2004 |
| Plan Approval Date: |
| Inspection Date: |
| System Approved for Use Date: |
| BPA Date: |
| System / Disposal Via: Septic tank |
| Use For: 5 bedrooms |
| Designed By: Nickel |
| Percolation Rate / Capacity: 1 min/in, 1000 gallons |

Wastewater Branch Engineer PD Section (Oahu)

For further information, you may also call the Wastewater Branch neighbor island engineers:

1. Mr. Dane Hiromasa at the Kealakekua Health Center, Kona at (808)322-1507
2. Mr. Jerry Nunogawa at the Hawaii District Health Office, Hilo at (808)933-0401
3. Mr. Joe Tateyama at the Kauai District Health Office at (808)241-3323
4. Mr. Roland Tejano at the Maui District Health Office at (808)984-8232
<table>
<thead>
<tr>
<th>TO</th>
<th>INIT.</th>
<th>TO</th>
<th>INIT.</th>
<th>FOR</th>
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</thead>
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<tr>
<td>BAUER, G.</td>
<td></td>
<td>CHING, F.</td>
<td></td>
<td>NAKAMA, L.</td>
<td>Approval</td>
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<tr>
<td>FUJII, N.</td>
<td></td>
<td>HARDY, R.</td>
<td>1</td>
<td>NAKANO, D.</td>
<td>Signature</td>
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<tr>
<td>HIGA, D.</td>
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<td>HIRANO, E.</td>
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<td>YOSHINAGA, M.</td>
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**WELL NUMBER:** 3687-13  
**WELL NAME:** Camp

- [ ] WELL CONSTRUCTION  
- [ ] PUMP INSTALLATION  
- [X] BOTH

**ATTACHMENTS FOR APPLICATION PROCESSING** - Both applicant & staff generated

- [X] TRANS. LETTER
- [X] CWRM MAP
- [X] APPL. FORM (5 COPIES)
- [X] USGS MAPS (5 COPIES)
- [X] TAX MAPS (5 COPIES)
- [X] PARCEL OWNER VERIF.
- [X] CONTRACTOR VERIF.
- [X] ALL INFO FILLED IN
- [ ] BACKGROUND CHECK
- [ ] $25 FEE DEPOSIT SLIP
- [ ] DHP, SMA, EA check

**FOLDER:**
- [X] MADE NEW FILE FOLDER, ATTACHED
- [ ] FILE FOLDER ALREADY MADE, IN FILE CABINET

**INCOMPLETE ACTION DATES:***

<table>
<thead>
<tr>
<th>DATE</th>
<th>ACTION</th>
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<tr>
<td></td>
<td>need to identify well or both type app bOTH</td>
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<tr>
<td></td>
<td>well owner same as landowner? yes</td>
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**INCOMPLETE ACTION DATES:**

- $25 FEE DEPOSIT SLIP
- DHP, SMA, EA check
July 28, 2004

Mr. Richard Camp  
HCR 2 Box 9572  
Keeau, HI 96749

Dear Mr. Camp:

Well Construction/Pump Installation Permit Application for Well No. 3687-13

We acknowledge receipt, on July 22, 2004, of your completed Well Construction/Pump Installation permit application and filing fee for the Camp Well (Well No. 3687-13). 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,

YVONNE Y. IZU
Deputy Director

Rf: ss
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  
Camp Well (Well No. 3687-13)

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 August 31, 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: ________________
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 August 31, 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: ______________
TO: Holly McEldowney, Acting Administrator
Historic Preservation

FROM: Yvonne Y. Izu, Deputy Director
Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
Camp Well (Well No. 3687-13)

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 August 31, 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: ____________
<table>
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<th>SRC/ F</th>
<th>YR APP</th>
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REMARKS:
LINE (1) Camp Well, tmk: 1-5-054:018
LINE (2) BB Well A, tmk: 1-5-059:043
LINE (3) Greenlaw II Well, tmk: 1-5-57:80
LINE (4) __________________________________________
LINE (5) __________________________________________
LINE (6) __________________________________________
LINE (7) __________________________________________
LINE (8) __________________________________________
LINE (9) __________________________________________
LINE (10) _________________________________________
To: Ryan Imata

From: Richard & Teresa Camp

Home phone # (808) 982-9641
6/25/2004

This escrow transaction has closed, enclosed are the following:

1. Form N-288.
2. Form N-288-A (Copy A) and Form N-288-V.
3. Form N-288-B.

Should there be any further information required, please reference our escrow number A43021277.

Mahalo,

Debra N. Tomono
Branch Manager
dtomono@tghawaii.com

DNT:dnt
Enclosures
cc: CAMP, RICHARD/TERESITA
    ROSE, LINDA
<table>
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<th>Tnr Property Address</th>
<th>Owner/Lessee</th>
<th>Beds</th>
<th>Baths</th>
<th>Land area</th>
<th>Living area</th>
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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.
State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
APPLICATION FOR PERMIT

(For Official Use Only)

For Official Use Only:

RECEIVED
JUN 30 A9: 19

WELL & PUMP INFORMATION: (Please fill in the diagram on the back of this form.)

1. (a) □ WELL OWNER: [Name]
   Contact Person: [Name]
   Mailing Address: [Address]
   Phone: [Phone Number]
   Fax: [Fax Number]
   E-mail: [E-mail Address]

   (b) □ LAND OWNER: [Name]
       Contact Person: [Name]
       Mailing Address: [Address]
       Phone: [Phone Number]
       Fax: [Fax Number]
       E-mail: [E-mail Address]

   (c) □ CONTRACTOR: [Name]
       Contact Person: [Name]
       Mailing Address: [Address]
       Phone: [Phone Number]
       Fax: [Fax Number]
       E-mail: [E-mail Address]

2. WELL NAME: [Name]
   Island: [Island]
   Address NOT ISSUED YET
   Tax Map Key: [Key]
   Zone: [Zone]
   Section: [Section]
   Part: [Part]
   Parcel: [Parcel]

3. PROPOSED WORK:
   (check all that apply)
   [ ] Construct New Well
   [ ] Install New Pump
   [ ] Modify Existing Well
   [ ] Modify Pump
   [ ] Abandon Well
   (State Well No.: [Well Number]
   *(If unknown, please call Commission at 587-6225)*

4. CONSTRUCTION:
   [ ] Drilled
   [ ] Dug
   [ ] Shaft
   [ ] Tunnel

5. PROPOSED PUMPING RATE:
   [ ] Domestic (individual, noncommercial water system)
   [ ] Municipal (including hotels, stores, etc.)
   [ ] Industrial
   [ ] Military
   [ ] Other (explain):
   [ ] This well is part of a battery of wells?
   [ ] Yes
   [ ] No (Please describe)
   [ ] Is this well part of a battery of wells?
   [ ] Yes
   [ ] No
   [ ] This well serve 25 or more people at least 60 days per year or have 15 or more service connections?
   [ ] Yes
   [ ] No
   [ ] Does this well serve 25 or more people at least 60 days per year or have 15 or more service connections?
   [ ] Yes
   [ ] No
   [ ] Domestic (individual, noncommercial water system)

6. PROPOSED USE:
   (check all that apply)
   [ ] Domestic (individual, noncommercial water system)
   [ ] Municipal (including hotels, stores, etc.)
   [ ] Industrial
   [ ] Military
   [ ] Other (explain):
   [ ] This well serve 25 or more people at least 60 days per year or have 15 or more service connections?
   [ ] Yes
   [ ] No
   [ ] Does this well serve 25 or more people at least 60 days per year or have 15 or more service connections?
   [ ] Yes
   [ ] No
   [ ] Domestic (individual, noncommercial water system)

7. (a) PROPOSED AMOUNT OF WITHDRAWAL:
   [ ] Flowmeter
   [ ] Open pipe
   [ ] Weir
   [ ] Office
   [ ] Other (explain):
   [ ] gallons per day

   (b) METHOD OF FLOW MEASUREMENT:
   [ ] Flowmeter
   [ ] Open pipe
   [ ] Weir
   [ ] Office
   [ ] Other (explain):
   [ ] gallons per day

OTHER IMPORTANT INFORMATION:

8. LEGAL REQUIREMENTS:
   [ ] If required, these permits must be obtained before the Commission can legally issue a permit.
   [ ] Conservation District Use Permit (CDUP): To find out if it is necessary, call DLNR Land Division at 587-6144
   [ ] Environmental Impact Statement (EIS) or Environmental Assessment (EA) To determine if an EIS or EA is necessary, call OEC at 586-4185
   [ ] Special Management Area Permit (SMAP) To determine if an SMAP is necessary, contact the appropriate agency.

9. ARCHAEOLOGICAL REQUIREMENTS:
   To find out if an archaeological work is required: on Oahu, call Elvis Jourdain at 822-6027; on Molokai, contact Mary Anne Malagat at 327-3690, for Maui County, call Cathy Dugger at 822-6023, or Kauai, call Nancy McAlmon at 743-7033.

10. REMARKS, EXPLANATIONS:

   [ ] Other (explain):
10. PROPOSED WELL SECTION (Please attach schematic if different from diagram provided below)

Hole Diameter: 12 in.

Minimum of 2' Radius & 4' Thick Concrete Pad (to contain benchmark surveyed to nearest 0.01 ft.)

Ground Elevation: 0 ft., mea.

Solid Casing: (≥ 80% x (Ground Elev.-Water Level Elev.))
- Total Length: 20 ft.
- Nominal Diameter: 4-5/8 in.
- Wall Thickness: 0.188 in.
- Bottom Elevation: 10 ft., mea.

Open Casing:
- Perforated Screen
- Total Length: 10 ft.
- Nominal Diameter: 4-5/8 in.
- Wall Thickness: 0.188 in.
- Bottom Elevation: 30 ft., mea.

Open Hole: N/A

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 A242, Type E, Type S, Grade B, Other
- ABS Plastic conforming to ASTM F490 and ASTM D1527: (check one): Schedule 40, Schedule 80
- PVC Plastic conforming to ASTM F490 and ASTM D1785 or ASTM D2241: (check one): Schedule 40, Schedule 60, Schedule 80
- Thermoset Plastic: (check one)
  - Fiberglass Wound Resin Pipe conforming to ASTM D2996
  - Reinforced Plastic Mortar 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 A242, Type E, Type S, Grade B, Other
- ABS Plastic conforming to ASTM F490 and ASTM D1527: (check one): Schedule 40, Schedule 80
- PVC Plastic conforming to ASTM F490 and ASTM D1785 or ASTM D2241: (check one): Schedule 40, Schedule 60, Schedule 80
- Thermoset Plastic: (check one)
  - Fiberglass Wound Resin Pipe conforming to ASTM D2996
  - Reinforced Plastic Mortar 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

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 - 0.1 x Water Level Elevation)

Example: Estimated + 2 ft. Water Level Elev. → Bottom Elevation of Well Limit = (2.1 x 2) = -18.5 ft.

*The approximate elevation must be referenced to mean sea level (msl) at the time of completion/well.* 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.

**Open Hole**
- Diamter: N.A.
- Bottom Elevation: 0 ft., mea.
Property of: Richard & Terasita Camp
TMK: (3) 1-5-054-018
Beach Road H.P.P.