COMMISSION ON WATER RESOURCE MANAGEMENT
ROUTE SLIP FOR PERMIT ISSUANCE

FROM: RYAN
DATE: 7/1/04
SUSPENSE DATE: ________

TO: ANAKALEA, P.
INIT: 3
TO: LAU, E.
INIT: 4
FOR: Approval

TO: BAUER, G.
INIT: 3
TO: MATHIAS, T.
INIT: 5
FOR: Signature

TO: CHING, F.
INIT: 3
TO: NAKAMA, L.
INIT: 6
FOR: Information

TO: DANBARA, S.
INIT: 4
TO: NAKANO, D.
INIT: 7
FOR: Information

TO: FUJII, N.
INIT: 5
TO: OHYE, M.
INIT: 1
FOR: Information

TO: GOODING, K.
INIT: 6
TO: SAKODA, E.
INIT: 5
FOR: Information

TO: HARDY, R.
INIT: 8
TO: SUBIA, S.
INIT: 7
FOR: Information

TO: HIGA, D.
INIT: 9
TO: SWANSON, S.
INIT: 8
FOR: Information

TO: ICE, C.
INIT: 10
TO: UYENO, D.
INIT: 9
FOR: Information

TO: IMATA, R.
INIT: 1
TO: YODA, K.
INIT: 10
FOR: Information

TO: KUNIMURA, I.
INIT: 11
TO: YOSHINAGA, M.
INIT: 12
FOR: Information

WELL NUMBER 3687-12
WELL NAME Thats A Deep Subject

☐ WELL CONSTRUCTION

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

TO BE SENT TO APPLICANT

☐ PUMP INSTALLATION

ATTACHMENTS FOR PUMP INSTALLATION PERMIT:
1 COVER LETTER
2 PERMIT (2x)
3 COMMENTS:
4 SDWB
5 WWB
6 CBW
7 LD
8 HP
9 WCR II FORM
10 WUR FORM

TO BE SENT TO APPLICANT

FOR OFFICE USE ONLY

PLEASE:
1 Review & Comment
2 Take Action
3 Type Draft
4 File
5 Xerox copies

Xerox copies

For Office Use Only
Mr. Tom King  
General Delivery  
Keeau, HI 96749

Dear Mr. King:

Well Construction Permit  
That's A Deep Subject Well (Well No. 3687-12)

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.

2. Please confirm the estimated water level, which is not in keeping with water levels in the area. Your well shall not be greater than ¼ of the theoretical thickness of the aquifer in compliance with Section 2.2 of the Hawaii Well Construction and Pump Installation Standards.

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 $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

c: Fred Page
WELL CONSTRUCTION PERMIT

That's A Deep Subject Well, Well No. 3687-12

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 That's A Deep Subject Well (Well No. 3687-12) at 15-1570 1st Ave., Hawaii, TNK 1-5-54: 100, 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 96805, shall be notified, in writing, at least two (2) weeks before any work authorized by this permit commences and 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 1/2-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 pump 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 approving and issuing pump installation permits to 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 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 §13-168.21 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, assignee, or employee, 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: July 2, 2004
Expiration Date: July 2, 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: ___________________________ 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:

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

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

## Data Input

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<tr>
<td>Well Number</td>
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<tr>
<td>Well Name</td>
<td>That's A Deep Subject Well</td>
</tr>
<tr>
<td>Ground Elevation</td>
<td>71</td>
</tr>
<tr>
<td>Cement Grout</td>
<td>58</td>
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<tr>
<td>Grouting Method</td>
<td>other</td>
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<td>Hole Diameter</td>
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<td>Total Depth</td>
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<td>Estimated Head</td>
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<td>Solid Casing Material</td>
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## Results

### Well Depth

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<tr>
<td>1/4 Aquifer Thickness</td>
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<table>
<thead>
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<tbody>
<tr>
<td>Depth of Well below Sea Level</td>
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</tr>
</tbody>
</table>

### Well Casing

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<th>Field</th>
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</thead>
<tbody>
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</tr>
<tr>
<td>Material</td>
<td>steel</td>
</tr>
<tr>
<td>Minimum Thickness per standards</td>
<td>#N/A</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall Thickness Provided</td>
<td>0.25</td>
</tr>
<tr>
<td>Minimum Length of Solid Casing</td>
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<tr>
<td>90% of ground to top of aquifer</td>
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### Casing Material

<table>
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<td>ASTM A53</td>
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<td>(for pvc only - check for 200' limit)</td>
<td>okay</td>
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### Annular Space

<table>
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<th>Value</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>Calculated Depth of Grouting</td>
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</tr>
<tr>
<td>Depth of Grouting provided</td>
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</tr>
<tr>
<td>Minimum Annular Space required</td>
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</tbody>
</table>

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Thickness of Annular Space</td>
<td>2.5</td>
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</tbody>
</table>

*Section 2.4(c)*
June 9, 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
         That's A Deep Subject Well (Well No. 3687-12)

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 July 2, 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 your 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 Grant 1013 issued prior to statehood in 1959.

Contact Person: Gary Martin Phone: 587-0421

Signed: Gary Martin

Date: JUL 7 2004
June 9, 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  
That's A Deep Subject Well (Well No. 3887-12)

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 July 2, 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 887-0255.

RESPONSE:

The 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, §11-20-20.

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 this well water is used for drinking, the private owner should test for bacteriological and chemical presence before applying 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 supplies with warning signs to prevent inadvertent consumption of non-potable water. Backflow prevention devices should be routinely inspected and sealed.

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 CDR rules/regulations, information, or recommendations are attached.

No comments/observations

Contact Person: Alec Wong  
Phone: 808-4309

Signed: Alec Wong  
Date: 6/17/04

046 653
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
June 9, 2004

TO:  Honorable Chiyoume L. Fukino, M.D., Director
     Department of Health
     Attention: Harold Yee, Wastewater Branch
              William Wong, Safe Drinking Water Branch
              Dr. Keith Kawakita, 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
            That's A Deep Subject Well (Well No. 3887-12)

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 July 2, 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.

R: ss
Attachment(s)

RESPONSE:

The 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 use to comply with Hawaii Administrative Rules (HAR), Title 11, Chapter 29, Rules Relating to Potable Water Systems, §11:29-39.

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 disconnecting possible and non-potable systems by an air gap or an approved backflow preventer, and by clearly labeling all non-potable supplies with warning signs to prevent inadvertent consumption of non-potable water. Backflow preventer 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 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.

Contact Person:  [Signature]
Phone:  586-4258
Date:  JUN 16 2004

Signed:  [Signature]
Date: June 17, 2004

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

Attn: Ryan Imata

From: Lori Kajiwara
   Planning & Design Section
   Email: Lkajiwara@eha.health.state.hi.us

Subject: Well Construction/Pump Installation Permit/Water Use Permit for

   Well No. 3687-12 That's a deep subject

   Well #3080-01 Makuu Well

Please find enclosed the application of the above subject project.

STATE MESSENGER DELIVERY
June 9, 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
That’s A Deep Subject Well (Well No. 3687-12)

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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.

[ ] An NPDES permit is required.

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

No comments/objections.

Contact Person: Lori Kajiwara
Phone: 808-429-1

Signed: Lori Kajiwara
Date: 6-17-2004
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.

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<th>3 1 5 054 100</th>
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<td>Address</td>
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<tr>
<td>Septic Tank File #</td>
<td>5294</td>
</tr>
<tr>
<td>Applicant Name</td>
<td>Thomas King</td>
</tr>
<tr>
<td>Submit Plan Date</td>
<td>02-05-2004</td>
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<tr>
<td>Plan Approval Date</td>
<td>02-12-2004</td>
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<td>Inspection Date</td>
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<tr>
<td>System Approved for Use Date</td>
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<td>BPA Date</td>
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<td>Septic tank, Bed</td>
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<td>Use For</td>
<td>3 bedrooms</td>
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<tr>
<td>Designed By</td>
<td>Pereno</td>
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<tr>
<td>Percolation Rate / Capacity</td>
<td>1 min/in, 1000 gallons</td>
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Wastewater Branch Engineer PD Section (Oahu) Johnny

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

- [ ] Mr. Dane Hiromasa at the Kealakekua Health Center, Kona at (808)0322-1507
- [X] Mr. Jerry Nunogawa at the Hawaii District Health Office, Hilo at (808)933-0401
- [ ] Mr. Joe Tateyama at the Kauai District Health Office at (808)241-3323
- [ ] Mr. Roland Tejano at the Maui District Health Office at (808)984-8232

cresspool faxes.wpd eml rev October 10, 2003
**MISSION ON WATER RESOURCE MANAGEMENT**

**ROUTE SLIP FOR NEW APPLICATIONS**

**FROM:** RYAN  
**DATE:** 20-May-04  
**SUSPENSE DATE:** 27-May-04

<table>
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<td>BAUER, G.</td>
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<td>1 Review &amp; Comment</td>
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<td>HARR, R.</td>
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<td>7 SWANSON, S.</td>
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**WELL NUMBER:** 3087-12  
**WELL NAME:** That's a deep subject

- WELL CONSTRUCTION
- PUMP INSTALLATION
- BOTH

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

1. TRANS. LETTER  
2. CWRM MAP  
3. APPL. FORM (5 COPIES)  
4. USGS MAPS (5 COPIES)  
5. TAX MAPS (5 COPIES)  
6. PARCEL OWNER VERIF.  
7. CONTRACTOR VERIF.  
8. ALL INFO FILLED IN  
9. BACKGROUND CHECK  
10. $25 FEE DEPOSIT SLIP  
11. DHP, SMA, EA check

**FOLDER:**  
- 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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</thead>
<tbody>
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<td>yellow marks on background check</td>
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</tbody>
</table>

Note: 2 additional letters (to other applicants) attached. Ray - I don't know if you agree w/ extending permit 7 months after expiration date.
June 9, 2004

Mr. Tom King  
General delivery  
Keeau, HI 96749

Dear Mr. King:

Well Construction/Pump Installation Permit Application for Well No. 3687-12

We acknowledge receipt, on May 19, 2004, of your completed Well Construction/Pump Installation permit application and filing fee for the That's A Deep Subject Well (Well No. 3687-12). 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

Rt: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  
That's A Deep Subject Well (Well No. 3687-12)

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 July 2, 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 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.

2. 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.

3. 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.

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

5. An NPDES permit is required.

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

7. No comments/objections

Contact Person: ___________________________ Phone: ___________________________
Signed: ___________________________ Date: ___________________________
June 9, 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
         That's A Deep Subject Well (Well No. 3687-12)

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 July 2, 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: ________________
June 9, 2004

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
That's A Deep Subject Well (Well No. 3687-12)

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 July 2, 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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<thead>
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<th>Taxkey</th>
<th>Subdiv/Condo</th>
<th>Property TnrAddress</th>
<th>Owner/Lessee</th>
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<th>Living area</th>
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<td>F 1ST</td>
<td>KING, THOMAS R/ETAL</td>
<td>1.00 ac</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.
**LICENSE SCREEN**

[Look up License Type Codes->]

Please click a link listed below to display the other screen.

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<tr>
<td><strong>NAME:</strong> FRED PAGE DRILLING INTERNATIONAL INC</td>
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Click here to enter search criteria for prior complaints history.->

For prior complaints and disciplinary history, contact licensing and business information center at (808)587-3295.

<-Back New Search->

EMPLEOYEE LIST || EMPLOYERS LIST || INSURANCE/BOND || LICENSE CLASS

License information on this site reflects information in the Professional and Vocational Licensing Division as of May 28, 2004; however, applications and forms are subject to standard processing time, and the information here does not reflect pending changes which are being reviewed. The site is updated daily, Monday through Friday, except holidays. The State of Hawaii makes no guarantees as to the accuracy of the information accessed, the timeliness of the delivery of transactions, delivery to the correct party, preservation of the privacy and security of users and makes no warranties, including warranty of merchantability and fitness for a particular purpose. User is advised that if the information obtained herein is to be reasonably relied upon, user should confirm the accuracy of such information with the provider thereof.

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Hawaii State homepage || DCCA || Professional and Vocational Licensing Division

## Well Background Check

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<tr>
<th>Approved Well No.</th>
<th>Well Name</th>
<th>Applicant</th>
<th>Driller</th>
<th>Type</th>
<th>Well Construction</th>
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<td>Mark G. Olmstead</td>
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<td>5206-03 Kiko</td>
<td>Carlos Parisi</td>
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<td>1/9/2004</td>
<td>3687-08 Shirley</td>
<td>David and Shirley Jonkman</td>
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**REMARKS:**

LINE (1)  
**mntk: 1-5-54:100**

LINE (2)  
LINE (3)  
LINE (4)  
LINE (5)  
LINE (6)  
LINE (7)  
LINE (8)  
LINE (9)  
LINE (10)
Commission may not accept incomplete applications. For assistance, contact the Regulation Branch at 587-0225. For further information and updates to this application form, visit http://www.state.hi.us/dlnr/cwrm.

1. (a) WELL OWNER:  
Mailing Address:  
Fax:  
Mailing Address:  
Fax:  
Mailing Address:  
Fax:  
(c) CONTRACTOR: Fred Page Drilling  
Mailing Address: P.O. Box 1434 Pahoa HI 96778  
Fax: (808)965-5339  
E-mail: 

2. WELL NAME: THATS A BEEP SUBSECT  
Address 15-170 1ST AVE  
Island: Hawaii  
Tax Map Key:  
Zone Sec Plat Parcel:  
Attach: (a) portion of a 7.5 Minute Series USGS topographic map (scale 1:24,000) with well location indicated and include the name of the quad map  
(b) a property tax map, showing well location referenced to established property boundaries.

3. PROPOSED WORK:  
☐ Construct New Well*  
☐ Modify Existing Well*  
☐ Abandon/Seal*  
*State Well No.  
☐ Installed New Pump*  
☐ Modif'y Pump*  
(if unknown, please call Commission at 587-0225)

4. CONSTRUCTION:  
☐ Drilled  
☐ Dug  
☐ Shaft  
☐ Tunnel  
Is this well part of a battery of wells? ☐ Yes ☐ No (Please describe).

5. PROPOSED PUMPING RATE:  
20 gallons per minute

6. PROPOSED USE:  
☐ Municipal (including hotels, stores, etc.)  
☐ Industrial  
☐ Domestic (individual, noncommercial water system)  
☐ Military  
☐ Other (explain):  
Does this well serve 25 or more people at least 60 days per year or have 15 or more service connections? ☐ Yes ☐ No  
☐ irrigation (crop)  
☐ No. of Acres: 
☐ Other (explain):  
Is the proposed work to be completed within two (2) years of the approval date?

7. (a) PROPOSED AMOUNT OF WITHDRAWAL:  
750 gallons per day  
(b) METHOD OF FLOW MEASUREMENT:  
☐ Flowmeter ☑ Open-pipe ☐ Weir ☐ Office ☐ Other (explain)  
☐ Other (explain):  
Does the proposed work involve a hydrologic investigation? ☐ Yes ☐ No  
(If more space is needed, please attach additional sheet)

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 a CDUP is necessary, call DLNR Land Division at 587-0414  
☐ Not Required  
☐ Required, date approved  
☐ Environmental Impact Statement (EIS) or Environmental Assessment (EA): To determine if an EIS or EA is necessary, call OECG at 586-4185  
☐ Not Required  
☐ Required, date published in OECG bulletin  
☐ Special Management Area Permit (SMAP): To determine if a SMAP is necessary, on Oahu, call 527-5374; on Hawaii, call 961-8288; for Maui County, call 270-7235; on Kauai, call 241-8677.  
☐ Not Required  
☐ Required, date approved  
☐ Other (explain):  

9. REMARKS, EXPLANATIONS:

OTHER IMPORTANT INFORMATION:

Note: Signing below indicates the signatories understand and swear 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 constitute a determination of correlative water rights and shall not guarantee the pump capacity or future use up 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 $1000/day.

Well Owner  
Signature  
Date  
Landowner  
Signature  
Date  
Contractor/Fred Page Drilling  
Signature  
Date  
For official use only  

Latitude  
Longitude  
Aquifer System No.  
State Well No.  

For Official Use Only:  
RECEIVED  
04 MAY 19 P/2: 32  
CONFIRM WATE  
RESOURCE MANAGEMENT  
APPLICATION FOR PERMIT  
Well Construction and/or Pump Installation  

Instructions: Please print in ink or type and send completed application with attachments to the Commission on Water Resource Management, P.O. Box 521, Honolulu, Hawaii 96800. Application must be accompanied by 5 copies and a non-refundable filing fee of $25.00 payable to the Dept. of Land and Natural Resources. The Commission may not accept incomplete applications. For assistance, call the Regulation Branch at 587-0225. For further information and updates to this application form, visit http://www.state.hi.us/dlnr/cwrm.
Solid Casing: (± 2 ft. [Ground Elevation - Water Level Elev] ± Water Level Elev) [Elevation]
- Total Length: 61 ft.
- Nominal Diameter: 6 in.
- Wall Thickness: 2.50 in.
- Bottom Elevation: 61 ft., msl*

Open Casing: (Perforated + Screen)
- Total Length: 10 ft.
- Nominal Diameter: 6 in.
- Wall Thickness: 2.50 in.
- Bottom Elevation: 71 ft., msl*

Solid Casing Material:
- Carbon Steel: compliant with (check one or more): ANSI/AWWA C200
- API Spec. 5L
- ASTM A63
- ASTM A139
- And compliant with (check one or more): ASTM A242
- Type E
- Type S
- Grade B
- Other
- Stainless Steel: (check one):
- ASTM A403 (production wells)
- ASTM A312 (monitor wells)
- ABS Plastic conforming to ASTM F481 and ASTM D1527: (check one)
- Schedule 40
- Schedule 80
- Schedule 120
- 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 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 A63
- ASTM A139
- And compliant with (check one or more):
- ASTM A242
- Type E
- Type S
- Grade B
- Other
- Stainless Steel: (check one):
- ASTM A403 (production wells)
- ASTM A312 (monitor wells)
- ABS Plastic conforming to ASTM F481 and ASTM D1527: (check one)
- Schedule 40
- Schedule 80
- Schedule 120
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- 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 = \( \frac{\text{Water Elevation} - \text{Water Level Elev}}{4} \)

Example: Estimated + 2 ft. Water Level Elev → Bottom Elevation of Well Limit = \( \frac{61 - 41}{4} \) = -16.5 ft.

Open Hole:
- Length: ______________ in.
- Diameter: ______________ in.
- Bottom Elevation: ______________ ft., msl*