Rod Diamond called. He said he would like to begin work today on 3587-07.

Singed permit is coming via regular mail.
MISSION ON WATER RESOURCE MANAGEMENT
ROUTE SLIP FOR PERMIT ISSUANCE

FROM: RYAN
DATE: 3/24/05
SUSPENSE DATE: __________

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

PLEASE:
1 Approval
2 Signature
3 Information

See Me
Review & Comment
Take Action
Type Draft
Type Final
File
Xerox ______ copies

WELL NUMBER 3587-07
WELL NAME Hendershot #7 well

☐ WELL CONSTRUCTION

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

TO BE SENT TO APPLICANT

□ PUMP INSTALLATION

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

FOR OFFICE USE ONLY
Ref: 3587-07.wcp

Ms. Carolyn Hendershot
HCR3 Box 14074
Keau, HI 96749

Dear Ms. Hendershot:

Well Construction Permit
Hendershot 2 Well (Well No. 3587-07)

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

Special Conditions

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

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

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

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

**IMPORTANT** - Drilling work shall not commence until a fully signed permit is returned to the Commission. Please provide all the information in this packet to your well drilling contractor. The permittee, well operator, and/or well owner are responsible for all conditions of the permit. This includes ensuring that the well construction contractor, or other party who constructs the well(s), submits a completed Part I of the Well Completion Report form (enclosed) within sixty (60) days after the well construction work is completed. Be advised that you may be subject to fines of up to $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 (Mau'i), or 1-800-468-4644 (Lanai & Molokai), extension 70255.

Sincerely,

Peter T. Young
Chairperson

Enclosures
WELL CONSTRUCTION PERMIT

Hendershot 2 Well, Well No. 3587-07

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 Hendershot 2 Well (Well No. 3587-07) at 10th Avenue, Hawaii, TMK 1-5-048: 012, subject to the Hawaii Well Construction & Pump Installation Standards (February 2004) which include but are not limited to the following conditions:

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

2. The well construction permit shall be for construction and testing of the well only. A minimum 114-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 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 §13-158-12(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 drilling of this permit.

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

Date of Approval: March 7, 2005
Expiration Date: March 7, 2007

PETER T. YOUNG, Chairperson
Commission on Water Resource Management

I have read the conditions and terms of this permit and understand them. I accept and agree to meet these conditions as a prerequisite and underlying condition of my ability to proceed and understand that I shall not commence work until I and the 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: 
Firm or Title: 
Date: 

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

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

Attachment

USGS
Hawaii Department of Water Supply
**Well Check Program**

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

<table>
<thead>
<tr>
<th>Data Input</th>
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<tbody>
<tr>
<td>Well Number</td>
<td>3587-07</td>
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<tr>
<td>Well Name</td>
<td>Hendershot II</td>
</tr>
<tr>
<td>Ground Elevation</td>
<td>100</td>
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<tr>
<td>Cement Grout</td>
<td>80</td>
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<tr>
<td>Grouting Method</td>
<td>Other</td>
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<tr>
<td>Hole Diameter</td>
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<td>Total Depth</td>
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<tr>
<td>Estimated Head</td>
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<td>Public Water Supply Well?</td>
<td>No</td>
</tr>
<tr>
<td>Solid Casing Material</td>
<td>PVC plastic</td>
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<tr>
<td>Solid Casing Specification</td>
<td>Schedule 40</td>
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<td>Solid Casing Diameter</td>
<td>6</td>
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<tr>
<td>Solid Casing Wall Thickness</td>
<td></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 |

**Depth of Well below Soil Level**

| Depth of Well below Soil Level | 10 | Okay |  |

**Well Casing**

| Minimum Wall Thickness | PVC plastic |
| Minimum Wall Thickness per standards | No requirement |

**Well Thickness Provided**

| Wall Thickness Provided | 0 | For small |  |

**Minimum Length of Solid Casing**

| 90% of ground to top of aquifer | 81 |

**Length of Solid Casing Provided**

| Length of Solid Casing Provided | 100 | Okay | Section 2.4(b) |

**Casing Material**

| Casing Material | Schedule 40 |
| Minimum Annular Space required | 2 |

**Annular Space**

| Depth of Grouting | 63 |
| Calculated Depth of Grouting | 80 | Okay | Section 2.8(c) |
| Minimum Annular Space Required | 3 | Okay | Section 2.8(d) |
TO: Warren Wegesend, Jr., Administrator  
Land Division  
FROM: Yvonne Y. Izu, Deputy Director  
Commission on Water Resource Management  
SUBJECT: Well Construction/Pump Installation Permit Application  
Hendershot II Well (Well No. 3587-07)

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

We would appreciate your comments on the captioned application with regard to the programs, plans, and objectives specific to your division. Please respond by returning this cover memo form by March 7, 2005. 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.

RI:ss
Attachment(s)

RESPONSE:

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

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

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

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

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

[ ] No objections

[ ] Other comments: Original source of private title was issued prior to statehood in 1959.

Contact Person: Gery Martin  
Phone: 587-0471

Signed: ____________________________ Date: FEB 14 2005
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
FEB-08-2005 02:03PM

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT
P.O. BOX 2627
HONOLULU, HAWAI'I 96803

February 3, 2005

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
Hendershot II Well [Well No. 3887-07]

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

We would appreciate your comments on the captioned application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your department. Please respond by returning this cover memo form by March 7, 2005. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

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

Ri:ss:
Attachment(s)

RESPONSE:

1. This well qualifies as a source which will serve as a source of 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 use in order to comply with Hawaii Administrative Rules (HAR), Title 11, Chapter 20, Rules Relating to Public 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 installing such use and routinely monitor the water quality thereafter. However, if future plans were that 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 ensuring all non-potable supplies 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. For the applicant's information, a source of possible wastewater contamination (3%) is not located near the proposed well site (information attached).

An NDP is not required.

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

No comments/objections.

Contact Person: Alexander Wong
Phone: 586-6309
Date: 3/8/05

Signed: Alexander Wong

COMMISSION ON WATER RESOURCE MANAGEMENT

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
Hendershot II Well [Well No. 3887-07]

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

We would appreciate your comments on the captioned application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your department. Please respond by returning this cover memo form by March 7, 2005. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

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

Ri:ss:
Attachment(s)

RESPONSE:

1. This well qualifies as a source which will serve as a source of 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 use in order to comply with Hawaii Administrative Rules (HAR), Title 11, Chapter 20, Rules Relating to Public 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 installing such use and routinely monitor the water quality thereafter. However, if future plans were that 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 ensuring all non-potable supplies 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. For the applicant's information, a source of possible wastewater contamination (3%) is not located near the proposed well site (information attached).

An NDP is not required.

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

No comments/objections.

Contact Person: Alexander Wong
Phone: 586-6309
Date: 3/8/05

Signed: Alexander Wong

COMMISSION ON WATER RESOURCE MANAGEMENT
February 3, 2005

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
          Hendershot II Well (Well No. 3587-07)

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

We would appreciate your comments on the captioned application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your department. Please respond by returning this cover memo form by March 7, 2005. 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: Loni Kajiwara
Phone: 586-2794
Signed: Loni Kajiwara
Date: 2/24/05

No Records
February 3, 2005

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
Hendershot II Well (Well No. 3587-07)

This 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 March 7, 2005. 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 753 or more service connections) and must receive Director of Health approval prior to 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 753 or more service connections) and if the well water is used for drinking, the private owner should consider bacteriological and chemical presence before relating such use and monitor the water quality thereafter. However, P眼睛 printed 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 prevention device 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.

Per 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.

Contact Person: Phone: 586-4258
Signed: Date: 2005
**COMMISSION ON WATER RESOURCE MANAGEMENT**  
**ROUTE SLIP FOR NEW APPLICATIONS**

**FROM:** RYAN  
**DATE:** 31-Jan-05  
**SUSPENSE DATE:** 7-Feb-05

**TO:**  
- BAUER, G.  
- CHING, F.  
- FLUJI, N.  
- HARDY, R.  
- HIRANO, E.  
- ICE, C.  
- IMATA, R.  
- IZU, Y.  
- KUNIMURA, I.  
- MAKAMA, L.  
- MAKANO, D.  
- NISHIOKA, L.  
- OHIYAMA, M.  
- SAHANDO, E.  
- SLIBIA, S.  
- SWANSON, S.  
- UYENO, D.  
- YODA, K.  
- YOSHINAGA, M.

**PLEASE:**  
- See Me  
- 1 Review & Comment  
- Take Action  
- Type Draft acknow letter  
- 2 Type Final Wireless signat., label file folder  
- 4 File  
- Xerox copies

**WELL NUMBER** 3587-01  
**WELL NAME** Hendershot 2

**ATTACHMENTS FOR APPLICATION PROCESSING** - Both applicant & staff generated  
- 1 TRANS. LETTER  
- 2 CWRM MAP  
- 3 USGS MAPS (SCPIES)  
- 5 TAX MAPS (5 COPIES)  
- 7 CONTRACTOR VERIF.  
- 8 ALL INFO FILLED IN  
- 9 BACKGROUND CHECK  
- 10 $25 FEE DEPOSIT SLIP  
- 11 DHP & SMA check

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

**INCOMPLETE ACTION DATES:**

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<th>DATE</th>
<th>ACTION</th>
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</tbody>
</table>
Ms. Carolyn Hendershot  
HCR3 Box 14074  
Keeau, HI 96749-9229

Dear Ms. Hendershot:

Well Construction/Pump Installation Permit Application for Well No. 3587-07

We acknowledge receipt, on January 31, 2005, of your completed Well Construction/Pump Installation permit application and filing fee for the Hendershot II Well (Well No. 3587-07). You can expect your application to be processed within ninety (90) days from this date.

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

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

Sincerely,

YVONNE Y. IZU  
Deputy Director

Rl:ss  
c: Rod Diamond
February 3, 2005

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
   Hendershot II Well (Well No. 3587-07)

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

We would appreciate your comments on the captioned application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your department. Please respond by returning this cover memo form by March 7, 2005. 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 will 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 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.

[ ] We do 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: ________________
February 3, 2005

TO: Warren Wegesend, Jr., Administrator
   Land Division

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

SUBJECT: Well Construction/Pump Installation Permit Application
         Hendershot II Well (Well No. 3587-07)

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

We would appreciate your comments on the captioned application with regard to the
programs, plans, and objectives specific to your division. Please respond by returning this
cover memo form by March 7, 2005. 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: ___________________________
February 3, 2005

TO: Melanie Chinen, Administrator
    Historic Preservation

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

SUBJECT: Well Construction/Pump Installation Permit Application
         Hendershot II Well (Well No. 3587-07)

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

We would appreciate your comments on the captioned application with regard to the
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cover memo form by March 7, 2005. 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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This information has been supplied by third parties and has not been independently verified by Hawaii Information Service and is therefore not guaranteed.
**LICENSE CLASS SCREEN**

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

There were 2 specific license classes on this licensee!

***** LICENSE CLASS FOR THIS LICENSEE *****

LIC: CT-23379 RODNEY K DIAMOND

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<-Back  New Search->

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

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http://www.ehawaiigov.org/serv/pvl?_f=n&_a=LC&licno=23379&lictp=CT&off=0&nm=R...  2/2/2005
## Well Background Check

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**REMARKS:**

LINE (1) Gibson Well
LINE (2) Oliver Well
LINE (3) Hendershot II Well
LINE (4)
LINE (5)
LINE (6)
LINE (7)
LINE (8)
LINE (9)
LINE (10)
State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
APPLICATION FOR PERMIT

Well Construction and/or Pump Installation

APPLICANT INFORMATION:

For Official Use Only:

RECEIVED
08 JAN 31 A 9:02

Instructions: Please print in ink or typewritten, and complete application with attachments to the Commission on Water Resources Management, P.O. Box 321, Honolulu, Hawaii 96809. Application must be accompanied by five 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 808-668-5226. For further information and updates to this application form, visit http://www.state.hi.us/dlnr/wrm.

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

1. (a) WELL OWNER: 
   Contact Person: 
   Phone: 

   (b) LAND OWNER: 
   Contact Person: 
   Phone: 

   (c) CONTRACTOR: 
   Contact Person: 
   Phone: 

2. WELL NAME: 
   Island: 
   Address: 
   Tax Map Key: 
   Zone: Sec. Plat: Panel: 
   Attach: (a) portion of a 7.5-Minute Series USGS topographic map (scale 1:24,000) with well location labeled and include the name of the quadrangle map (b) a property tax map, showing well location referenced to established property boundaries

3. PROPOSED WORK: 
   (check all that apply) 
   [ ] Construct New Well
   [ ] Modify Existing Well
   [ ] Abandon/Seal* 
   [ ] Other (please describe) 
   [ ] Install New Pump
   [ ] Modify Pump
   [ ] Other (please describe) 

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

5. PROPOSED PUMPING RATE: 
   gallons per minute

6. PROPOSED USE: 
   (check all that apply) 
   [ ] Municipal (including hotels, stores, etc.) 
   [ ] Domestic (individual, noncommercial water system) 
   [ ] Industrial 
   [ ] Other (please describe)

7. (a) PROPOSED AMOUNT OF WITHDRAWAL: 
   gallons per day
   (b) METHOD OF FLOW MEASUREMENT: 
   [ ] Flowmeter [ ] Open-pipe [ ] Weir [ ] Office [ ] Other (please describe)

8. LEGAL REQUIREMENTS: 
   [ ] 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 808-0414
   Environmental Impact Statement (EIS) or Environmental Assessment (EA) To determine if an EIS or EA is necessary, call OECG at 808-4185
   Special Management Area Permit (SMAP) To determine if an SMAP is necessary: on Oahu, call 527-3374; on Hawaii, call 881-8288; for Maui county, call 270-7235; on Kauai, call 241-6977

9. ARCHEOLOGICAL REQUIREMENTS: 
   [ ] Required, if requested, please attach letter from DLNR Historic Preservation
   To find out if an archeological work is required: on Oahu, call Elaine Jourdane at 882-6027; on Hawaii, call Mary Anne Meigret at 337-3850; for Maui county, call Cathy Diegher at 882-6023, on Kauai, call Nancy McMenon at 742-7033

10. REMARKS, EXPLANATIONS:

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

NOTE: Signing below indicates the signatures understand and swear that the information provided on the application is accurate and true to the best of their knowledge. Further, the signatures 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 and abandonment report within 60 days after the completion date of the permitted work; 3) monthly water use data shall be submitted to the Commission; 4) such approval shall not constitute a determination of cumulative water rights and shall not guarantee the pump capacity or future use up to the permitted pump capacity; 5) if the event that this 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
(print legibly) 

Landowner 
(print legibly) 

Signature 
(print legibly) 

Date 

For official use only

Latitude 

Longitude 

Aquifer System No. 

State Well No. 

WCPFA Form 7/17/63
Solid Casing Material:
- Carbon Steel: ALSI/FAA C200, API Spec. 5L, ASTM A53, ASTM A139
- Stainless Steel: ASTM A409, ASTM A312
- ABS Plastic: ASTM F480 and ASTM D1527
- PVC Plastic: ASTM F480 and ASTM D1785
- Thermoset Plastic: Type E
- Reinforced Plastic Mortar: ASTM D3517
- Glass Fiber Reinforced Resin Pressure Pipe: ASTM C950
- PTFE Fluorocarbon Tubing: ASTM D3296
- FEP Fluorocarbon Tubing: ASTM D3296

Open Casing Material:
- Carbon Steel: ALSI/FAA C200, API Spec. 5L, ASTM A53, ASTM A139
- Stainless Steel: ASTM A409, ASTM A312
- ABS Plastic: ASTM F480 and ASTM D1527
- PVC Plastic: ASTM F480 and ASTM D1785
- Thermoset Plastic: Type E
- Reinforced Plastic Mortar: ASTM D3517
- Glass Fiber Reinforced Resin Pressure Pipe: ASTM C950
- PTFE Fluorocarbon Tubing: ASTM D3296
- FEP Fluorocarbon Tubing: ASTM D3296