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February 27, 2003

Mr Gilbert S. Coloma-Agaran, Chairperson
Department of Land and Natural Resources
Commission on Water Resources
P.O. Box 621
Honolulu HI 96809

Re: GUDRUN WELL, WELL NO. 3787-04

Dear Mr Coloma-Agaran;

This is a request to install the permanent pump prior to final pump installation permit issuance in accordance with the Commission's April 15, 1998 Declaratory Ruling No. DEC-ADM98-G5.

Aloha,

Mr. Kenneth Heinemann
Gudrun and Valdis Maurins Family Trust
WELL CONSTRUCTION PERM

Gudrun Well, Well No. 3787-04

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 Gudrun Well (Well No. 3787-04) at (E) Kiawe Street HPP, Hawaii, TMK 1-5-62: 96, subject to the Hawaii Well Construction & Pump Installation Standards (1/23/97) 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 §13-188-15, Hawaii Administrative Rules.

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

3. In 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 (January 23, 1997; 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 commission date is not met, the Commission may revoke the permit after giving the permittee, well operator, and/or well owner notice of the proposed action and an opportunity to be heard.

11. If the well is not to be used it must be properly capped. If the well is to be abandoned then the permittee, well operator, and/or well owner must apply for a well abandonment permit in accordance with §13-168-12(6) 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: November 18, 2002
Expiration Date: November 18, 2004

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 has signed, dated, and returned the permit to the Commission. I also understand that non-compliance with any permit condition may be grounds for revocation and fines of up to $1000 per day starting from the permit date of approval.

Permittee's Signature: [Signature]
Printed Name: [Printed Name]
Firm or Title: [Firm or Title]
Driller's Signature: [Signature]
Printed Name: [Printed Name]
C-57 License #: C-16653
Date: 11/25/03
Firm or Title: Fred Page Drilling Inc.

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

Attachment
C
USS Department of Health/ Safe Drinking Water, Wastewater, and Clean Water Branches
Hawaii Department of Water Supply
Fred Page Drilling
November 27, 2002

Mr. Ken Heinemann
Gudrun and Valdis Maurins Family Trust
507 Hop Ranch Circle
Santa Rosa, CA  95403

Dear Mr. Heinemann:

Well Construction Permit
Gudrun Well (Well No. 3787-04)

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. The annular space shall be 3" minimum.

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 (1/23/97) and any special conditions performed under this permit. However, a permanent pump may be installed prior to the permanent pump installation permit issuance in accordance with the Commission's April 15, 1998 Declaratory Ruling No. DEC-ADM98-G5, which states that:

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

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

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

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

Aloha,

GILBERT S. COLOMA-AGARAN
Chairperson

Enclosures

c: Fred Page Drilling
WELL CONSTRUCTION PERMIT
Gudrun Well, Well No. 3787-04

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 Gudrun Well (Well No. 3787-04) at (B) Kiawe Street HPP, Hawaii, TMK 1-5-62: 96, subject to the Hawaii Well Construction & Pump Installation Standards (12/29/97) which include but are not limited to the following conditions:

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

2. The well construction permit shall be for construction and testing of the well only. A minimum 18-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 (January 23, 1997: HWCPIS). If the HWCPIS are not followed and as a consequence water is wasted or contaminated, a lien on the property may result.

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

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

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

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

Date of Approval: November 18, 2002
Expiration Date: November 18, 2004

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

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

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

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

Attachment
USGS
Department of Healthy Safe Drinking Water, Wastewater, and Clean Water Branches
Hawaii Department of Water Supply
Fred Page Drilling
COMMISSION ON WATER RESOURCE MANAGEMENT

ROUTE SLIP FOR PERMIT ISSUANCE

FROM: RYAN
DATE: 1/12/02
SUSPENSE DATE: ___________

TO: BAUER, G. INIT. TO: KUNIMURA, I. INIT. FOR: Approval
CHING, F. 3 Signature
DANBARA, S. 3 Information
FUJI, N. 4
GOODING, K.
1 HARDY, R. R
HIGA, D.
1
HIRANO, E. 2
ICE, C.
5 IMATA, R.
JINNAI, R.

WELL NUMBER 2187-04 WELL NAME Gu'drun

ATTACHMENTS FOR WELL CONSTRUCTION PERMIT:
1 COVER LETTER
2 PERMIT (2x)
COMMENTS:

SDWB
WWB
CWB
HEER
LD
HP
PUMP TEST
WCR I FORM

FOR OFFICE USE ONLY

ATTACHMENTS FOR PUMP INSTALLATION PERMIT:
1 COVER LETTER
2 PERMIT (2x)
COMMENTS:

SDWB
WWB
CWB
HEER
LD
HP
WCR II FORM
WUR FORM

FOR OFFICE USE ONLY

PLEASE:
1 Review & Comment
2 Type Final
3 File
4 Xerox _______ copies

__________________________
Clyde to Fred Park
October 28, 2002

TO: Dede Mamiya, Administrator
   Land Division

FROM: Linnel T. Nishioka, Deputy Director
      Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
         Gudrun Well (Well No. 3787-04)

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 November 27, 2002. 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 occurred prior to statehood in 1959.

Contact Person: Gary Martin          Phone: 587-0421

Signed: Gary Martin                Date: Nov 18, 2002
To: Honorable Bruce S. Anderson, Director  
Department of Health  
Attention: Dennis Tulang, Wastewater Branch  
William Wong, Safe Drinking Water Branch  
Dr. Keith Kawaoka, Hazardous Evaluation and Emergency Response  
Alec Wong, Clean Water Branch

From: Gilbert S. Coloma-Agaran, Chairperson  
Commission on Water Resource Management

Subject: Well Construction/Pump Installation Permit Application  
Gudrun Well (Well No. 3787-04)

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 November 27, 2002.** 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 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: Bill Wong  
Phone: 586-0640

Signed: Bill Wong  
Date: 11/17/02
TO: Honorable Bruce S. Anderson, Director
Department of Health
Attention: Dennis Tulang, Wastewater Branch
William Wong, Safe Drinking Water Branch
Dr. Keith Kawaoka, Hazardous Evaluation and Emergency Response
Alec Wong, Clean Water Branch
FROM: Gilbert S. Coloma-Agaran, Chairperson
Commission on Water Resource Management
SUBJECT: Well Construction/Pump Installation Permit Application
Gudrun Well (Well No. 3787-04)

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 November 27, 2002. 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: Levi N. Kayinana
Phone: 587-0255

Signed: Levi N. Kayinana
Date: 11-7-2002

Phone: 587-0255
Date: 11-7-2002
TO: Honorable Bruce S. Anderson, Director  
Department of Health  
Attention: Dennis Tulang, Wastewater Branch  
William Wong, Safe Drinking Water Branch  
Dr. Keith Kawaoka, Hazardous Evaluation and Emergency Response  
Alec Wong, Clean Water Branch  
FROM: Gilbert S. Coloma-Agaran, Chairperson  
Commission on Water Resource Management  
SUBJECT: Well Construction/Pump Installation Permit Application  
Gudrun Well (Well No. 3787-04)  

October 28, 2002

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 November 27, 2002. 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.

Ris:
Attachment(s)

RESPONSE:

1. This well qualifies as a source which will serve as the source of potable water to a public water system (defined as serving 25 or more people for 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 26, Rules Relating to Potable Water Systems, §11-20-10.

2. This well does not qualify as a source serving a public water system (serves less than 25 people at all times) and if used for drinking, the owner should test for bacteriological and chemical presence before using such water and routinely monitor the water quality thereof. However, if future plans for this source increases to meet the public water system definition than 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 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 is not located near the proposed well site (information attached).

6. An NPOES permit is required.

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

b) We defer to wastewater and drinking water concerns.

Contact Person: Dr. Keith Kawaoka  
Phone: 586-4249

Signed: [Signature]  
Date: 11/8/02

Fax to: Commission on Water Resources Management: 587-0219
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
TO: Honorable Bruce S. Anderson, Director
Department of Health
Attn: Dennis Tulang, Wastewater Branch
William Wong, Safe Drinking Water Branch
Dr. Keith Kawakoe, Hazardous Evaluation and Emergency Response
Alec Wong, Clean Water Branch

FROM: Gilbert S. Coloma-Agaran, Chairperson
Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
Gudrun Well (Well No. 3787-04)

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 November 27, 2002. 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:

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, §11-20-23.

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 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 ([ile [ile] 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/objections

Contact Person: Alec Wong
Phone: 586-44309
Signed: Colawong
Date: 10/31/02
### REMARKS:

**LINE (1)** Well No. 3787-04

**LINE (2)**

**LINE (3)**

**LINE (4)**

---

### TOLAJAL

<table>
<thead>
<tr>
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<th>CTR</th>
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<td>Ken Heinemann</td>
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<td></td>
<td>TOTAL 25.00</td>
<td></td>
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</tbody>
</table>

---

Ken Heinemann 326-54-4828
Rayven Ballard-Heinemann 576-74-8383
189 Iwalani Street
Hilo, HI 96720
959-8525

---

**PAY TO THE ORDER OF**

**DEPT OF LAND AND NATURAL RESOURCES**

**$ 25.00**

**DOLLARS**

**IEG FCU**

Independent Employees Group

375 KEKUANAOA STREET

HILO, HAWAII 96720

ACH ACCT: 7045

**MEMO**

**MP**

---

DATE 6/16/02

50-78663213
Mr. Ken Heinemann
Gudrun and Valdis Maurins Family Trust
507 Hop Ranch Circle
Santa Rosa, CA 95403

Dear Mr. Heinemann:

Well Construction/Pump Installation Permit Application for Well No. 3787-04

We acknowledge receipt, on October 3, 2002, of your completed Well Construction/Pump Installation permit application and filing fee for the Gudrun Well (Well No. 3787-04). 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,

LINNEL T. NISHIOKA
Deputy Director

RI:ss
TO:  
Honorable Bruce S. Anderson, Director  
Department of Health  
Attention: Dennis Tulang, Wastewater Branch  
William Wong, Safe Drinking Water Branch  
Dr. Keith Kawaoka, Hazardous Evaluation and Emergency Response  
Alec Wong, Clean Water Branch

FROM:  
Gilbert S. Coloma-Agaran, Chairperson  
Commission on Water Resource Management

SUBJECT:  
Well Construction/Pump Installation Permit Application  
Gudrun Well (Well No. 3787-04)

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 November 27, 2002. 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 [ ] 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: ____________________________
October 28, 2002

TO: Dede Mamiya, Administrator
Land Division

FROM: Linnel T. Nishioka, Deputy Director
Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
Gudrun Well (Well No. 3787-04)

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 November 27, 2002. 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: Don Hibbard, Administrator  
Historic Preservation  

FROM: Linnel T. Nishioka, Deputy Director  
Commission on Water Resource Management  

SUBJECT: Well Construction/Pump Installation Permit Application  
Gudrun Well (Well No. 3787-04)  

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 November 27, 2002. 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>
<thead>
<tr>
<th>Taxkey</th>
<th>Subdiv/Condo</th>
<th>Property Tnr/Address</th>
<th>Owner/Lessee</th>
<th>Beds Baths</th>
<th>Land area</th>
<th>Living area</th>
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</thead>
<tbody>
<tr>
<td>3-1-5-102</td>
<td>F</td>
<td>MAURINS, VALDIS &amp; GUDRUN</td>
<td></td>
<td>21,780sqft</td>
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<td></td>
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</table>

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.

***** GENERAL LICENSEE *****

LIC ID: CT-16653
Active/Inactive: ACTIVE
NAME: FRED PAGE DRILLING INTERNATIONAL INC
TRADE NAME:
STATUS: CURRENT, VALID & IN GOOD STANDING
ENTITY: CORPORATION
BUSINESS CODE:
ORIG LIC DATE: 4/25/91
EXPIRE DATE: 9/30/04
CLASS PREFIX: C
SPECIAL PRIVILEGE:
RESTRICTION:
EDUCATION CODE:
BUSINESS ADDR: 15-3105 HALELO PL PAHOA HI 96778
MAILING ADDR: PO BOX 1434 PAHOA HI 96778

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->

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

Copyright 2002 Professional and Vocational Licensing Division

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

http://www.ohawaiigov.org/serv/pvl?_a=d&_f=n&lictp=CT&licno=16653&off=&nm=F... 10/25/2002
**SECTION 1: WELL LOCATION INFORMATION**

<table>
<thead>
<tr>
<th>Island</th>
<th>HAWAII</th>
<th>Proposed Use</th>
<th>#VALUE!</th>
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</thead>
<tbody>
<tr>
<td>Aquifer System</td>
<td>######</td>
<td>Proposed Withdrawal</td>
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<tr>
<td>Aquifer Sector</td>
<td>######</td>
<td>System Sustainable Yield</td>
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**SECTION 2: WELL SECTION DATA** *(enter data in grey cells only)*

<table>
<thead>
<tr>
<th>Elevation at top of casing</th>
<th>Solid Casing</th>
<th>Ground Elevation</th>
<th>Material</th>
<th>ft., m.s.l.</th>
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<td>Cement Grout</td>
<td>Designation</td>
<td>ft.</td>
<td>Length</td>
<td>ft.</td>
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<tr>
<td>Rock Packing</td>
<td>Diameter</td>
<td>ft.</td>
<td>Wall Thickness</td>
<td>in.</td>
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<tr>
<td>Hole Diameter</td>
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<td>in.</td>
</tr>
<tr>
<td>Total Depth</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

| Estimated Head             | Calculated Aquifer Thickness | 2050 ft. |
|                           | Material                  |          |
|                           | Designation               |          |
|                           | Length                    | ft.      |
|                           | Diameter                  | in.      |
|                           | Wall Thickness             | in.      |
|                           | Openings                  | sq.in./l.f. |
| County Water Supply (Y/N ?) |                         |          |

**SECTION 3: CHECKLIST** *(values to check are shaded)*

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<tr>
<th>Well Depth</th>
<th>Theoretical Thickness of Aquifer</th>
<th>2050 ft.</th>
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<tr>
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<td>1/4 Aquifer Thickness</td>
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<td></td>
<td>Depth of Well below Sea Level</td>
<td>0 ft.</td>
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<tr>
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<td>Well Casing</td>
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<table>
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<th>Minimum Wall Thickness</th>
<th>Material</th>
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<td>non-county</td>
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<tr>
<td>Minimum Thickness per standards</td>
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</table>

<table>
<thead>
<tr>
<th>Well Thickness Provided</th>
<th>0.250 in.</th>
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</thead>
</table>

<table>
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</table>

<table>
<thead>
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</table>

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<th>Annular Space</th>
<th>If the cell above reads #N/A, reference HWCPIS</th>
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</table>

<table>
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<th>Depth of Grouting</th>
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<th>7 ft.</th>
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</table>

<table>
<thead>
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<th>50 ft.</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>Thickness of Annular Space</th>
<th>0 in.</th>
</tr>
</thead>
</table>

*disregard if the well is not basal*

*disregard this if this is a non-county well*

*refer to HWCPIS Section 2.4 c)

*refer to HWCPIS Section 2.4 d)*)
State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
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 621, Honolulu, Hawaii 96809. 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.

APPLICANT

1. (a) WELL OWNER: Gudrun Maurins Family
Contact Person: Ken Heineman
Mailing Address: 
Fax: 808-965-5339
E-mail: GUDRUNMAURINS.NET
Phone: 965773
(b) LAND OWNER: Gudrun Maurins Family
Contact Person: Ken Heineman
Mailing Address: 
Fax: 808-965-5339
E-mail: GUDRUNMAURINS.NET
Phone: 965773
(c) CONTRACTOR: Fred Page Drilling Int'
Contact Person: Fred Page
Fax: (808) 965-5339
E-mail: Lic#: C - 16653

WELL NAME: "Gudrun"

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

2. WELL NAME: Gudrun
Island: Hawai'i
Address: 
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 labeled and include the name of the quad map
(b) a property tax map, showing well location referenced to established property boundaries

3. PROPOSED WORK: (check all that apply)
- Construct New Well
- Install New Pump*
- Modify Existing Well*
- Modify Pump*
- Abandon/Seal*

"State Well No.: 
(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: 
15 gallons per minute

6. PROPOSED USE: (check all that apply)
- Municipal (including hotels, stores, etc.)
- Industrial

- Domestic (individual, noncommercial water system)

Does this well serve 25 or more people or at least 60 days per year or have 15 or more service connections? 
Yes
No

- Irrigation (crop)

- No. of Acres:

- Military

- Other (explain):

7. (a) PROPOSED AMOUNT OF WITHDRAWAL: 
500 gallons per day

(b) METHOD OF FLOW MEASUREMENT: 
- Flowmeter
- Open-pipe
- Weir
- Orifice

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
- Environmental Impact Statement (EIS) or Environmental Assessment (EA) To determine if an EIS or EA is necessary, call OEQC at 586-4185
- Not Required
- If required, date approved

Special Management Area Permit (SMA) To determine if an SMA is necessary: on Oahu, call 527-6374; on Maui, call 961-6288; for Kauai, call 270-7235; on Kauai, call 241-6677.

9. REMARKS, EXPLANATIONS:

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 not 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 to compliance, and any work done while the permit is in suspension may result in fines of up to $1000/day.

Well Owner: Gudrun Maurins Family
Landowner: Gudrun Maurins Family
Contractor: Fred Page Drilling Int'

Signature: [Signature]
Date: 8/17/01

For official use only
Latitude
Longitude
Aquifer System No.
State Well No.

Fred Page Drilling International Inc.
**Solid Casing Material:**

- Carbon Steel: compliant with (check one or more): □ ANSI/AWWA C200 □ API Spec. 5L □ ASTM A53 □ ASTM A139
- Stainless Steel: (check one): □ ASTM A420 □ Type E □ Type S □ Grade B □ Other
- ABS Plastic conforming to ASTM F480 and ASTM D1527: (check one): □ Schedule 40 □ Schedule 80
- PVC Plastic conforming to ASTM F480 and (ASTM D1785 or ASTM D2241): (check one): □ Schedule 40 □ Schedule 80 □ Schedule 120
- Thermoset Plastic: (check one)
  - □ Filament Wound Resin Pipe conforming to ASTM D2997
  - □ 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 A53 □ ASTM A139
- Stainless Steel: (check one): □ ASTM A420 □ Type E □ Type S □ Grade B □ Other
- ABS Plastic conforming to ASTM F480 and ASTM D1527: (check one): □ Schedule 40 □ Schedule 80
- PVC Plastic conforming to ASTM F480 and (ASTM D1785 or ASTM D2241): (check one): □ Schedule 40 □ Schedule 80 □ Schedule 120
- Thermoset Plastic: (check one)
  - □ Filament Wound Resin Pipe conforming to ASTM D2996
  - □ Centrifugally Cast Resin Pipe conforming to ASTM D2997
  - □ Reinforced Plastic 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

---

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

For non-salt water Basal Wells - bottom elevation of well should not be deeper than 1/4 of aquifer thickness or, Bottom Elevation of Well Limit = (Water Elevation x Aquifer Thickness) / 4 Example: Estimated = 2 ft. Water Level Elev. → Bottom Elevation of Well Limit = (2 x 4 ft.) / 4 = 2 ft.
Dear Mr. Heinemann:

SUBJECT: Special Management Area Use Permit Assessment Application (SMAA 02-38)

SMA Minor Permit No. 125
Applicant: Kenneth Heinemann
Request: Water well for a proposed single-family dwelling
TMK: 1-5-62: 96, Keaau, Puna, Hawaii

This is to acknowledge receipt of your Special Management Area Use Permit Assessment Application for a water well to serve a proposed single-family dwelling.

According to your submittal, the activity will not exceed $125,000 in valuation and will not have a significant adverse impact to coastal resources. Special Management Area Minor Use Permit No. 125 (with conditions) is hereby issued for the construction of a water well within the County's Special Management Area.

Please comply with all of the terms and conditions of approval of SMA Minor Use Permit No. 125. Should you have any further questions, please contact us at 961-8288.

Sincerely,

CHRISTOPHER J. YUEN
Planning Director

PF:pak
p:\wpwin60\czm\SMAA\2002\SMAA02-38Heinemann.doc

Enclosure
cc: Long Range Planning
    Department of Public Works
SPECIAL MANAGEMENT AREA MINOR USE PERMIT
NO. 125

Approved Development:

Water well for a proposed single-family dwelling.

Applicant's Name: Kenneth Heinemann

TMK: 1-4-062: 096
Land Area: .50 acres

Compliance with Objectives and Policies of Chapter 205-A, Hawaii Revised Statutes
regarding the Special Management Area

Check all objectives and policies found to be consistent with proposed development. Issuance of SMA Minor Use Permit requires that activity be consistent with all objectives & policies.

☑️ Development will not have any significant adverse environmental or ecological effect, except as such adverse effect is minimized to the extent practicable and clearly outweighed by public health, safety, or compelling public interest. Such adverse effect shall include, but not be limited to, the potential cumulative impact of individual developments, each one of which taken in itself might not have a substantial adverse effect and the elimination of planning options.

☑️ The proposed development is consistent with the Hawaii County General Plan and Zoning Code.
**Compliance with Objectives and Policies of Chapter 205-A, Hawaii Revised Statutes regarding the Special Management Area**

Check all objectives and policies found to be consistent with proposed development. Issuance of SMA Minor Use Permit requires that activity be consistent with all objectives & policies.

- The proposed development does not conflict with the following objectives of Chapter 205A, Hawaii Revised Statutes to:
  - Provide coastal recreational opportunities accessible to the public.
  - Protect, preserve, and where desirable, restore those natural and man-made historic and pre-historic resources in the coastal zone management area that are significant in Hawaiian and American history and culture.
  - Protect, preserve, and where desirable, restore or improve the quality of coastal scenic and open space resources.
  - Protect valuable coastal ecosystems from disruption and minimize adverse impacts on all coastal ecosystems.
  - Provide public or private facilities and improvements important to the State's economy in suitable locations.
  - Reduce hazard to life and property from tsunami, storm waves, stream flooding, erosion, subsidence and pollution.
  - Improve the development review process, communication, and public participation in the management of coastal resources and hazards.
  - Stimulate public awareness, education, and participation in coastal management.
  - Protect beaches for public use and recreation.

- The proposed development is consistent with the following policies of Chapter 205A, Hawaii Revised Statutes relating to:
  - Recreational resources
  - Historic resources
  - Scenic and Open Space resources
  - Coastal Ecosystems
  - Economic Uses
  - Coastal Hazards
  - Managing Development
  - Public Participation
  - Beach Protection

- The proposed development conforms with the requirements of Hawaii Revised Statutes Chapter 343, Environmental Impact
Conditions of Approval

1. The applicant(s), its successors or assigns shall be responsible for complying with all stated conditions of approval.

2. SMA Minor Permit No. 125 is valid for a period of not more than three (3) years from the Planning Director's date of approval, indicated below.

3. The applicant(s), its successors or assigns shall comply with all other laws, rules, regulations and requirements, including the Department of Public Works.

4. Request(s) for an extension of time shall be submitted to the Planning Director. Pursuant to SMA Rule 9-11E, written requests shall be filed sixty (60) days before the expiration of this permit. The request shall state the length of time requested and the reasons for the time extension.

5. The Planning Director may grant an extension of time upon the following circumstances:
   a) non-performance is a result of unforeseen conditions or conditions beyond the control of the applicant, successors, assigns, and are not a result of their fault or negligence;
   b) granting of the time extension would not be contrary to the original reasons for the granting of the permit; and
   c) the time extension granted shall be for a period not to exceed the period originally granted for performance (i.e., a condition to be performed within one year may be extended for up to one additional year).

6. Should any of the conditions not be met or substantially complied with in a timely fashion, the Director may initiate procedures to revoke the permit.
APPROVED:

CHRISTOPHER J. YUEN
Planning Director

Date
9/1/02