**Commission on Water Resource Management**

**Route Slip for Permit Issuance 1/22/10**

**FROM:** RYAN  
**DATE:** 2/23/10  
**SUSPENSE DATE:**

**TO:**  
- CHENG, C.  
- CHONG, R.  
- DANBARA, S.  
- ENGLAND, D.  
- FUJII, N.  
- HARDY, R.  
- HOAGBIN, S.  
- ICE, C.  
- IMATA, R.  

**INIT. TO:**  
- KAWAHARA, K.  
- KIMURA, J.  
- KUNIMURA, I.  
- OHYE, L.  
- OSHIRO, K.  
- UYENO, D.  
- YODA, K.  
- YOSHINAGA, M.  

**PLEASE:**  
- Approval  
- Signature  
- Information  
- Take Action  
- Type Draft  
- Type Final  
- File  
- Xerox copies

**WELL NUMBER** 3586-36  
**WELL NAME** La Pali

**Application Type:** BOTH  
1 WCP COVER LETTER  
2 WCP  
3 WELL CHECK PRINTOUT

**Proposed Well Section Issues?**

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>6</td>
<td>SDWB</td>
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<tr>
<td>7</td>
<td>WWB</td>
<td></td>
<td></td>
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<tr>
<td>8</td>
<td>CWB</td>
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<td>9</td>
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<td>11</td>
<td>HP</td>
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<tr>
<td>12</td>
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<td>not in CD</td>
<td>X</td>
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<tr>
<td>13</td>
<td>OCCL</td>
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<tr>
<td>15</td>
<td>BWS (Oahu)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**COMMENTS:**  
- date rec'd: issues?  
- if checked, send to applicant

**Notes:**
- **Driller:** Rod Diamond  
  Diamond Construction and Water Well Drilling  
  23379  
  HCR#3 Box 14073  
  Kapaau, HI 96749  
  - phone: 886-4129  
  - fax: 886-4129  
  - cell: 987-8100

**Pump Capacity:** 1-8-032.037

**Well Owner:** Steven Ingaisbe

**Land Owner:** Steven Ingaisbe

**Comment Deadline:** 12/14/10
Mr. Rod Diamond  
Diamond Construction and Water Well Drilling  
HCR #3 Box 14073  
Keeau, HI 96749  

Dear Mr. Diamond:

Pump Installation Permit  
La Pali Well (Well No. 3586-36)  

Enclosed are two (2) originals of your approved Pump Installation Permit for the captioned well(s) that authorize permanent pump installation work for your well(s). As part of the Chairperson’s approval, the following special conditions were added and are part of your permit under Permit Condition 14:

Special Conditions

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

2. Attached for your information are copies of the Department of Health's (DOH) review comments. Please note DOH’s requirements related to discharge of effluent from well drilling and testing activities. Also, please contact the Noise Radiation and Indoor Air Quality Branch at 586-4700 to check compliance with construction noise permit requirements for this project.

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

Please sign both permit originals and return one copy to the Commission office for our files.

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

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

Sincerely,

[Signature]

Chairperson

Enclosure

c: Steven Ingalsbe (with applicable comments – DOH WWB, CWB)
USGS
Hawaii DWS
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 pump installation for La Pali Well (Well No. 3586-36) at TMK 1-5-032:037, Hawaii, subject to the Hawaii Well Construction & Pump Installation Standards (HWCPIS - February 2004) which include but are not limited to the following conditions:

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

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

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

4. The pump installation permit shall be for installation of a 16 gpm rated capacity, or less, pump in the well. This permanent capacity may be reduced in the event that the pump test data does not support the capacity.

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

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

7. Well Completion Report Part II shall be submitted to the Chairperson within sixty (60) days after completion of work (please contact staff or visit www.hawaii.gov/dlnr/cwrm/resources_permits.htm for current form).

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

9. The pump installation permit application and, if relevant, any related staff submittal approved by the Commission are incorporated into this permit by reference.

10. If the HWCPIS are not followed and as a consequence water is wasted or contaminated, a lien on the property may result.

11. Any variances from the HWCPIS shall be approved by the Chairperson prior to invoking the variance.

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

13. 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.

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

Date of Approval: December 14, 2009
Expiration Date: December 14, 2011

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

Installer's Signature: ____________________________  C-57, C-57a, or A License #: ______________  Date: ____________________________

Printed Name: Rod Diamond  Firm or Title: Diamond Construction and Water Well Drilling

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

Attachments
February 26, 2010

Ref: 3586-36.wcp

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

Dear Mr. Diamond:

Well Construction Permit  
La Pali Well (Well No. 3586-36)

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 a permanent pump. As part of the Chairperson's approval, the following special conditions were added and are part of your permit under Permit Condition 17:

Special Conditions

1. Attached for your information are copies of the Department of Health's (DOH) review comments. Please note DOH's requirements related to discharge of effluent from well drilling and testing activities. Also, please contact the Noise Radiation and Indoor Air Quality Branch at 586-4700 to check compliance with construction noise permit requirements for this project.

Please refer to the Permit Processes Worksheet (transmitted with your acknowledgement letter) for further information regarding the process of drilling a well and installing a pump.

No withdrawal of water shall be made other than for testing purposes until a certificate of pump installation completion has been issued by the Commission.

Please sign both permit originals and return one copy to the Commission office for our files. For copies of the aquifer pump test worksheet, please call staff or visit www.state.hi.us/dlnr/cwrm/forms.htm.

IMPORTANT - Drilling work shall not commence until a fully signed permit is returned to the Commission. The permit shall be prominently displayed or made available at the construction site during construction. Be advised that you may be subject to fines of up to $5,000 per day for any violations of your permit conditions starting from the permit approval date.

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 1-800-408-4644 (Lanai & Molokai), extension 70255.

Sincerely,

[Signature]

Laura H. Thielen  
Chairperson

Enclosures

c: Steven Ingalsbe (with applicable comments – DOH WWB, CWB)  
USGS  
Hawaii DWS
WELL CONSTRUCTION PERMIT

La Pall Well, Well No. 3586-36

Note: This permit shall be prominently displayed at the construction 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 La Pall Well (Well No. 3586-36) at TMK 1-5-32.037, Hawaii, subject to the Hawaii Well Construction & Pump Installation Standards (HWCPIS - February 2004) which include but are not limited to the following conditions:

1. The Chairperson 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 (HAR).

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

3. The well construction permit shall be for construction and testing of the well only. The permittee shall coordinate with the Chairperson and conduct a pumping test in accordance with the HWCPIS (the latest pump test worksheet can be obtained by contacting Commission staff or at www.hawaii.gov/dlnr/cwrm/resources_permits.htm). The permittee shall submit to the Chairperson the test results as a basis for supporting an application to install a permanent pump. No permanent pump may be installed until a pump installation permit is approved and issued by the Chairperson. No withdrawal of water shall be made for purposes other than testing without a Certificate of Pump Installation Completion. The permitted pump capacity described on the pump installation permit may be reduced in the event that the pump test does not support the capacity.

4. 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. If it can be shown that the well does not tap basal ground water then this condition may be waived after consultation with and acceptance by Commission staff. However, in no instance can the well be drilled deeper than one-half (1/2) of the theoretical thickness without Commission approval.

5. The permittee 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.

6. In the event that historically significant remains such as artifacts, burials or concentrations of shells or charcoal are encountered during construction, the permittee shall stop work and immediately contact the Department of Land and Natural Resources' State Historic Preservation Division. Work may recommence only after written concurrence by the State Historic Preservation Division.

7. 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.

8. The Well Completion Report Part I shall be submitted to the Chairperson within sixty (60) days after completion of work (please contact staff or visit www.hawaii.gov/dlnr/cwrm/resources_permits.htm for current form).

9. The permittee shall comply with all applicable laws, rules, and ordinances; non-compliance may be grounds for revocation of this permit.

10. The well construction permit application and, if relevant, any related staff submittal approved by the Commission are incorporated into this permit by reference.

11. If the HWCPIS are not followed and as a consequence water is wasted or contaminated, a lien on the property may result.

12. Any variances from the HWCPIS shall be approved by the Chairperson prior to invoking the variance.

13. 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 the date the permit expires.

14. If the well is not to be used it must be properly capped. If the well is to be abandoned during the course of the project then the permittee must apply for a well abandonment permit in accordance with §13-168-12(1), HAR, prior to any well scaling or plugging work.

15. 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.

16. This permit shall apply to the location shown on the application only. If the well is to be relocated, the permittee shall apply for a new well construction/pump installation permit in accordance with §13-168-12(3), HAR.

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

Date of Approval: December 14, 2009
Expiration Date: December 14, 2011

LAURA H. THIELEN, 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 have signed, dated, and returned the permit to the Commission. I understand that this permit is not to be transferred to any other entity. I also understand that non-compliance with any permit condition may be grounds for revocation and fines of up to $5,000 per day starting from the permit date of approval.

Driller's Signature: ___________________________ C-57 License #: C-23379 Date: __________

Printed Name: Rod Diamond Firm or Title: Diamond Construction and Water Well Drilling

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

Attachment
## Well Check Program
4/1/04 - Revised for update to Well Standards (February 2004)

### Data Input

<table>
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<tr>
<th>Data Input</th>
<th>Value</th>
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<tbody>
<tr>
<td>Well Number</td>
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<tr>
<td>Well Name</td>
<td>La Pali</td>
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<td>Ground Elevation</td>
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<td>Cement Grout</td>
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### Results

#### Well Depth

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#### Well Casing

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<tr>
<th>Casing Material</th>
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#### Annular Space

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</tr>
<tr>
<td>Depth of Grouting provided</td>
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</table>

<table>
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<tbody>
<tr>
<td>Thickness of Annular Space</td>
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Section 2.2, 2.4(b), 2.4(c), 2.4(d), 2.6(c), 2.6(d)
TO: Honorable Chiyome L. Fukino, M.D., Director
    Department of Health
    Attention: Thomas Sue, Chief, Wastewater Branch
    Stuart Yamada, Chief, Safe Drinking Water Branch
    Alec Wong, Chief, Clean Water Branch
    Dr. Keith Kawoaka, Office of Hazard Evaluation and Emergency Response

FROM: Laura H. Thielen, Chairperson
    Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
La Pali Well (Well No. 3586-36)

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 5, 2009.** 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 summarized).

An NPDES permit is required.

Other relevant DOH rules/regulations, information, or recommendations are attached. One-Stop database screen

In the event that the location of the well changes but is still within the parcel described on this application, our division considers the comment still applicable, and we do not need to review the new location.

Contact Person: Jerry Nunogawa, Eng., in Hilo

Signed: 7646

Date: 10-09-09
**Application Information**

- **Permit ID:** 41852
- **IWS Type:** Septic Tank
- **Legacy File#:** N/A
- **Island:** Hawaii
- **eHawaii ID:** N/A
- **Status:** Plan Approved
- **Variance ID:**
- **Assigned To:** Nunogawa, Jerry
- **Source:** WWB
- **Description:**

**Project Information**

- **Engineer:** Ronald D. Nickel
- **TMK:** 215032037
- **Street Address:** Ali'ikai Avenue
- **Street Address 2:**
- **Suite/Apt.:**
- **City:** H~P
- **Zip Code:**

**Review Information**

- **Submit Date:** 6/3/2009
- **Reviewed:** 6/4/2009
- **Plan Approved:** 6/4/2009
- **No Final Approval Ltr:**
- **Inspection Date:**
- **Final Approval:**
- **Termination Date:**

**Payment Information**

- **Payment Type:** Check
- **Check Number:** 2950
- **Amount:** 25.00
- **Check Date:** 6/3/2009
- **Payor:** Nickel

**Added By:** ntsutsui 6/3/2009 10:38 AM  **Last Modified:** jnunogawa 6/4/2009 1:05 PM
TO: Honorable Chiyome L. Fukino, M.D., Director
Department of Health

Attention: Tomas See, Chief, Wastewater Branch
Stuart Yamada, Chief, Safe Drinking Water Branch
Alec Wong, Chief, Clean Water Branch
Dr. Keith Kawacka, Office of Hazard Evaluation and Emergency Response

FROM: Laura H. Thielen, Chairperson
Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
La Pali Well (Well No. 3586-36)

October 6, 2009

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 5, 2009. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

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

RI:ss
Attachment(s)

RESPONSE:

[ ] This well qualifies as a source which will serve as a source of public water to a public water system (defining a service 25 ft or more people at least 60 days per year or has 15 or more service connections) and shall receive Department of Health approval order to its use to comply with Hawaii Administrative Rules (HAR), Title 13, Chapter 29, Rules Relating to Potable Water Systems, §§111-21-20.

[ ] This well does not qualify as a source serving a public water system (serves less than 25 people or more people at least 60 days per year or 15 service connections) and if the well water is used for drinking, the private owner should test for bacteriological and chemical presence before utilizing each use and routinely report to the water quality thereby. However, if future plans use been; this source increases to meet the public water system definition then Department of Health approval is required order to implementation.

[ ] If this well is used to supply both potable and non-potable purposes in a single system, the user shall eliminate cross-contamination and backflow prevention 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 commercial 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.

In the event that the location of the well changes to a new location, we do not need to review the new location.

[ ] No comments/objections

Contact Person: Richard Palmer
Phone: 586-0957

Signed: Richard Palmer
Date: 10/27/2009
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT
F. BOX 651
HONOLULU, HAWAII 96820

October 6, 2009

TO: Honorable Chiyome L. Fukino, M.D., Director
Department of Health
Attention: Tomas See, Chief, Wastewater Branch
Stuart Yamada, Chief, Safe Drinking Water Branch
-Alec Wong, Chief, Clean Water Branch
Dr. Keith Kawao, Office of Hazard Evaluation and Emergency Response

FROM: Laura H. Thielen, Chairperson
Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
La Pali Well (Well No. 3586-36)

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

RI: ss
Attachment(s) ____________________________________________

RESPONSE:
[ ] This well qualifies as a source which will serve as a source of portable 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 meet the hydraulic and chemical parameters before withdrawing water and maintain the water quality therefrom. However, if a future plan is needed to meet the public water system definition then the Director of Health approval is required prior to implementation.
[ ] 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 is used for delivering the public water should be tested for bacteriological and chemical parameters before withdrawing water and maintaining the water quality therefrom.
[ ] If the well is used to supply both potable and non-potable usages to 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, and by clearly labeling all non-potable outlets with warning signs to prevent inadvertent consumption of non-potable water. Backflow prevention devices should be regularly inspected and tested.
[ ] It does not appear that this well will be used for consumptive purposes and is not subject to the 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 not required.
[ ] Other relevant DOH rules/regulations, information, or recommendations are attached.
[ ] In the event that the location of the well changes but is still within the parcel described on this application, our division consider the comments to still be applicable, and we do not need to review the new location.
[ ] No comments/objections

Contact Person: inject Phone: 586-7709
Signed: Date: 10-15-09

LINDA LINGE
Subject: Well Construction/Pump Installation Permit Application(s)

Well No(s): 0430-01, 4865-08, 2865-07, 3180-03, 2583-01, 2386-03, 3364-02

The Department of Health, Clean Water Branch (CWB) 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 (HAR), Title 11, Chapter 55, Appendix I, effective October 22, 2007, and compiled June 15, 2009. Treated process wastewater effluent covered by this general permit includes well drilling slurries, lubricating fluids wastewater, and well purge wastewater. This general permit does not cover well pump testing. The applicable Notice of Intent (NOI) Forms and filing fee shall be submitted at least 30 calendar days before the start of discharge to the:

Department of Health
Clean Water Branch
919 Ala Moana Boulevard, Room 301
Honolulu, Hawaii 96814-4920

The CWB-NOI Forms are available online at http://www.hawaii.gov/health/environmental/water/cleanwater/forms/geni-index.html. Inquiries may be directed to the CWB at (808) 586-4309 or by fax (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 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 the 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.
3. For Construction Activities Disturbing One (1) or More Acres of Total Land Area

By HAR, Title 11, Chapter 55, Appendix C, effective October 22, 2007, and compiled June 15, 2009, an NPDES permit or Notice of General Permit Coverage is required before the start of the construction activities that result in the disturbance of one (1) or more acres of total land area, including clearing, grading, and excavation. The total land area includes a contiguous area where multiple separate and distinct construction activities may be taking place at different times on different schedules under a larger common plan of development or sale. An NOI (see Comment No. 1, above) shall be submitted 30 calendar days before the start of construction activities.
TO: Honorable Chiyome L. Fukino, M.D., Director
Department of Health

Attention: Tomas See, Chief, Wastewater Branch
Stuart Yamada, Chief, Safe Drinking Water Branch
Alec Wong, Chief, Clean Water Branch
Dr. Keith Kawakami, Office of Hazard Evaluation and

FROM: Laura H. Thielen, Chairperson
Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
La Pali Well (Well No. 3586-36)

October 6, 2009

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 5, 2009. 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 388-0235.

RI:ss
Attachment(s)

RESPONSE: VWC Remarks: Conditions 1, 2, 3, 4

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

Contact Person: Michael Mufushi
Phone: 388-4258

Signed: ________________________________
Date: ________________
CWRM Application Source: La Pali Well
(State Well No. 3586-36)

Safe Drinking Water Branch (SDWB) - Engineering Section

See attached private water wells information sheet.

SDWB - Underground Injection Control (UIC) Section

The UIC Program has the following comments specific to this Application:

In general, a shallow well, or a well that recharges quickly from local rainfall, should not be used as a potable water source because such a well increases the risk of having unsatisfactory groundwater quality that when consumed may compromise health. Factors that directly influence a well's groundwater quality include wastewater disposal systems (cesspools, septic systems, drainage wells), lawn/garden/crop-growing activities, and even the proximity to the ocean where salt water intrusion may occur.

Well water quality should be initially and periodically tested for it's acceptable and intended use, especially if for human consumption. Water quality should not be presumed acceptable and unchanging. Land-based activities around the well and within the well's recharge area may, over time, have an unacceptable effect on the well's water quality. Well construction materials and related equipment could also affect water quality.

Questions about UIC may be directed to Chauncey Hew at 586-4259.
**WARNING!** As the owner of a privately-owned well, you should **NOT** assume that water from your well is safe for consumption. It is your responsibility to make sure that your well water is safe to drink. The only way to do this is to have your well regularly tested for bacteriological and chemical contaminants.

There are no regulations controlling water quality in private wells serving individual residences as there are for public water systems (public or privately owned utilities supplying water to 25 or more people or 15 service connections). In other words, there are no enforceable limits for contaminants and no requirements for regular testing. Private wells are often found in rural areas, where many activities such as onsite wastewater disposal can contaminate the ground water.

**U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) RECOMMENDATIONS**

The EPA recommends that private well owners test their well water each year for such contaminants as Total Coliform Bacteria, Nitrates, as well as any other contaminants that may be of concern in your area. More frequent testing may be appropriate if you suspect a problem. EPA also suggests that you consider testing for pesticides, organic chemicals, and heavy metals before using it for the first time. Please refer to the EPA website on Private Drinking Water Wells at [http://www.epa.gov/safewater/privatewells/faq.html](http://www.epa.gov/safewater/privatewells/faq.html)

**OTHER CONTAMINANTS**

Water testing can be very expensive. It is important that you spend time to identify what other potential contaminants may be of concern. Please refer to the EPA website on Private Drinking Water Wells at [http://www.epa.gov/safewater/privatewells/whatyoucando.html](http://www.epa.gov/safewater/privatewells/whatyoucando.html) for more helpful information. Be aware of what and how you use and dispose of household and garden chemicals. Also determine the location of nearby septic tanks or cesspools, and agricultural or industrial activities in the area. General information on known chemical contamination of ground water in Hawaii can also be found at the DOH website [www.hawaii.gov/health/environmental/water/sdwb/sdwb/maps/pdfs/conmaps05.pdf](http://www.hawaii.gov/health/environmental/water/sdwb/sdwb/maps/pdfs/conmaps05.pdf).

**LABORATORIES**

Local commercial laboratories can be found in the yellow pages of the telephone book under "Laboratories, Analytical." Whenever possible, utilize a laboratory that is certified or approved for the specific drinking water tests and carefully follow their instructions for collecting, storing, and transporting the samples. Just be sure to ask the lab to use EPA approved methods for drinking water analysis. A list of labs certified or approved by the Department of Health can be found at [www.hawaii.gov/health/environmental/water/sdwb/sdwb/pdf/testing%20labs.pdf](http://www.hawaii.gov/health/environmental/water/sdwb/sdwb/pdf/testing%20labs.pdf). As lab certification status changes constantly, confirm their status when you contact the lab. Please note that the list is limited to currently regulated contaminants in public water systems.

**RESULTS**

Once the lab provides you with the test results, you will be in a better position to determine if your well water is safe to drink or what contaminant you need to treat for. Generally, you should compare the results with Federal ([www.epa.gov/safewater/mcl.html](http://www.epa.gov/safewater/mcl.html)) and State ([www.hawaii.gov/health/environmental/water/sdwb/sdwb/pdf/state%20mcl.pdf](http://www.hawaii.gov/health/environmental/water/sdwb/sdwb/pdf/state%20mcl.pdf)) drinking water standards. Where your test results are greater than the State or Federal maximum contaminant levels, your well water should be considered as **unsafe** for consumption.
Ms. Bobby Jean Leithead Todd  
Acting Deputy Planning Director  
Planning Department  
County of Hawaii  
101 Aupuni Street, Suite 3  
Hilo, HI 96720  

Dear Ms. Todd:  

Special Management Area Use Permit Requirements for  
Well Construction/Pump Installation Permit Application  
La Pali Well (Well No. 3586-36)  

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 SMA permitting requirements specific to your division. Please respond by returning this cover memo form by November 5, 2009. 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.  

Sincerely,  

[Signature]  

LAURA H. THIELLEN  
Chairperson  

RESPONSE:  

[ ] This well project [ ] requires [ ] does not require a SMA. If a SMA is required it [ ] has [ ] has not been approved and [ ] is [ ] is not currently active. (SAA 09-000430)  

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

[ ] No objections  

[ ] Other comments: Well site must be outside of the 5' wide mauka-makai access.  

Contact Person: E. Imamura  
Phone: (808) 961-8139  

Signed: [Signature]  
Date: 10/27/09
October 6, 2009

TO: Morris Atta, Administrator
   Land Division

FROM: Ken C. Kawahara, P.E., Deputy Director
       Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
         La Pali Well (Well No. 3586-36) TMK 1-5-032-037

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 5, 2009. 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.

RIss
Attachment(s)

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.

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

[ ] No objections

XX Other comments: Original source of private title was issued prior to statehood.

Contact Person: Gary Martin
Phone: 587-0421

Signed: Gary Martin
Date: OCT 6, 2009
FROM: RYAN 
TO: I NIT. CHING, F. FUJII, N. GOODING, K. HARDY, R. HIGA, D. HOAGBIN, S. ICE, C. IMATA, R. KAWAHARA, K.

COMMISSION ON WATER RESOURCE MANAGEMENT
ROUTE SLIP FOR NEW APPLICATIONS

DATE: 28-May-09 SUSPENSE DATE: 4-Jun-09

TO: KUNIMURA, I. NAKIMURA, L. OHYE, M. SAKODA, E. SWANSON, S. YODA, K. YOSHINAGA, M.

PLEASE:
1 Approval See Me
2 Signature Review & Comment
3 Information Take Action
4 Information Type Draft acknow letter
5 Information Type Final, label file folder, update People.db
6 File
7 File Xerox copies

WELL NUMBER 3546-36
WELL NAME La Pali
WUL Number NA

☑ WELL CONSTRUCTION ☐ PUMP INSTALLATION
☐ WUPA

ATTACHMENTS FOR APPLICATION PROCESSING - Both applicant & staff generated
1 TRANS. LETTER
2 PERMIT PROCESS TABLE
3 CWRM MAP
4 APPL. FORM (11 COPIES)
5 USGS MAPS (11 COPIES)
6 TAX MAPS (11 COPIES)
7 PARCEL OWNER VERIF.
8 CONTRACTOR VERIF.
9 ALL INFO FILLED IN
10 BACKGROUND CHECK
11 $25 FEE DEPOSIT SLIP
12 DHP/CDUP/SMA pre-screen

☑ MLS PRINTOUT
☑ DCCA LICENSE SCREEN PRINTOUT

INCOMPLETE ACTION DATES:

DATE ACTION

☐ MADE NEW FILE FOLDER, ATTACHED
☐ FILE FOLDER ALREADY MADE, IN FILE CABINET

FOLDER:
(SMA map printout http://gis.hicentral.com/website/parcelzoning/viewer.htm, or INGRID'S SMA/CD MAP)
(LUC map printout http://luc.state.hi.us/luc_maps.htm, or INGRID'S SMA/CD MAP)

MADE NEW FILE FOLDER, ATTACHED
FILE FOLDER ALREADY MADE, IN FILE CABINET
October 6, 2009

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

Dear Mr. Diamond:

Well Construction/Pump Installation Permit Application for Well No. 3586-36

We acknowledge receipt, on September 15, 2009, of your completed Well Construction/Pump Installation permit application and filing fee for the La Pali Well (Well No. 3586-36). You can expect your application to be processed within ninety (90) days from this date.

For your information, the attached table describes the process, responsible parties, and deadline requirements for drilling or modifying a well and installing, modifying, or replacing a pump.

By this acceptance letter, we are also notifying the well operator/landowner that water may not be pumped for purposes other than testing until the certificate of well construction/pump installation completion letter is issued to the well operator and landowner. Additionally, the permitted pump capacity described on the pump installation permit may be reduced in the event that the pump test does not support the capacity. No certificate of pump installation will be issued until the Commission has determined that the pump capacity will not have adverse effects on the aquifer, other nearby wells, or streams. In other words, you may need to remove the pump and install a smaller pump at the Commission’s discretion before you can withdraw water for purposes other than testing.

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,

KEN C. KAWAHARA, P.E.
Deputy Director

Attachment

c: Steven Ingalsbe
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 5, 2009. 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 II, 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.

In the event that the location of the well changes but is still within the parcel described on this application, our division considers the comments to still be applicable, and we do not need to review the new location.

No comments/objections
October 6, 2009

TO: Morris Atta, Administrator
   Land Division

FROM: Ken C. Kawahara, P.E., Deputy Director
   Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
   La Pali Well (Well No. 3586-36) TMK 1-5-032:037

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 5, 2009. 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. ____________________________.

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

[ ] No objections

[ ] Other comments:

Contact Person: ____________________________  Phone: ____________________________

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

We would appreciate your comments on the captioned application with regard to the programs, plans, and objectives specific to your division. Please respond by returning this cover memo form by November 5, 2009. 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 or request additional review time, please contact Ryan Imata of the Commission staff at 587-0255. If you require additional information regarding specific information that can be provided by the applicant, please contact the applicant directly at the contact information provided on the application form.

RI:ss
Attachment(s)

RESPONSE:

[ ] This is a [ ] public (county or state) project [ ] private project and [ ] will [ ] may disturb historic sites.

[ ] We concur that the work described under this permit will not disturb historic sites.

[ ] We do not concur that the work described under this permit will not disturb historic sites. We require the following for our concurrence:

Contact Person:________________________________________ Phone:__________________

Signed:________________________________________ Date:__________________
Ms. Bobby Jean Leithead Todd  
Acting Deputy Planning Director  
Planning Department  
County of Hawaii  
101 Aupuni Street, Suite 3  
Hilo, HI 96720  

Dear Ms. Todd:

Special Management Area Use Permit Requirements for  
Well Construction/Pump Installation Permit Application  
La Pali Well (Well No. 3586-36)

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 SMA permitting requirements specific to your division. Please respond by returning this cover memo form by November 5, 2009. 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.

Sincerely,

[Signature]

Laura H. Thielean  
Chairperson

RESPONSE:

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

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

[ ] No objections

[ ] Other comments:

Contact Person: __________________ Phone: __________________

Signed: __________________ Date: ______________
Assessed values and Building Details reflect tax year 2009 for all islands. Taxes reflect tax year 2009.

Search criteria: TMK Taxkey 3-1-5-32-37

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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.

Copyright ©9/30/2009 by Hawaii Information Service
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Click here to enter search criteria for prior complaints history -
For prior complaints and disciplinary history, contact licensing and business information center at (808) 587-3295.
### Department of Land and Natural Resources

**UAC or Attached Worksheet**

**DATE:** May 25, 2009

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**TOTAL** $50.00

**REMARKS:**

- LINE (1) Glocamora Well
- LINE (2) La Pali Well
- LINE (3)
- LINE (4)
- LINE (5)
- LINE (6)
- LINE (7)
- LINE (8)
- LINE (9)
- LINE (10)
**APPLICATION FOR A WELL CONSTRUCTION / PUMP INSTALLATION PERMIT**

**WELL LOCATION INFORMATION**

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<td>2. WELL NAME</td>
<td>La Pali</td>
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<td>3. ISLAND</td>
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<tr>
<td>4. TILL</td>
<td>1 - 5 - 032 - 037</td>
</tr>
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</table>

The following be attached before this application is accepted as complete (check off if attached):
- [ ] Portion of 7.5-Minute Series USGS topographic map (scale 1:24,000) with well location labeled and include the name of the quadrat map.
- [ ] Property tax map, showing well location referenced to established property boundaries.
- [ ] Photographs of the proposed well site(s).
- [ ] A schematic diagram showing the well site, access road and proposed well infrastructure (if applicable).

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<th>Value</th>
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<td>5. WELL OPERATOR'S NAME/COMPANY</td>
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<tr>
<td>6. LANDOWNER'S NAME/COMPANY</td>
<td>Steven Lewis Ingalsbe &amp; Rhonda Lynn Ingalsbe</td>
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</table>

**Well Operator's Mailing Address**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tr>
<td>5. WELL OPERATOR'S NAME/COMPANY</td>
<td>Same</td>
</tr>
<tr>
<td>6. LANDOWNER'S NAME/COMPANY</td>
<td>Same</td>
</tr>
</tbody>
</table>

**Proposed Well Construction**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>7. Proposed Work</td>
<td>X Drill Well</td>
</tr>
<tr>
<td>8. Construction Type</td>
<td>X Drill Well</td>
</tr>
<tr>
<td>9. Is this well part of a battery of wells?</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Proposed Pump Installation**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>11. Proposed Pumping Rate, gpm (gallons per minute)</td>
<td>250</td>
</tr>
</tbody>
</table>

**Proposed Use**

- [ ] 15. Municipal (water systems serving greater than 25 individuals or 15 service connections)
- [ ] 16. Domestic Number of units to be served: 1
- [ ] 17. Industrial (describe)
- [ ] 18. Irrigation (describe crop and no. of acres)
- [ ] 19. Military (describe)
- [ ] 20. Other (describe)

**Other Legal Requirements**

If required, items 22 and 23, must be obtained before the Commission can legally issue a permit:

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>21. Conservation District Use Permit (CDUP)</td>
<td>Req'd, CDUP is date approved</td>
</tr>
<tr>
<td>22. Special Management Area Permit (SMAP)</td>
<td>X Required, SMA #: SMA 00-00010, date approved: April 20, 2009</td>
</tr>
</tbody>
</table>

**Additional Details**

- [ ] Additional sheet if more space is needed
- [ ] Additional remarks, explanations, etc.

**NOTE:** Without below indicates that the signatures understand and swear that the information provided is accurate and true to the best of their knowledge. Further, the signatories understand that upon permit approval: 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/bonding report within 60 days after the completion date of the permit work; 3) in the event that the application is not completed correctly, any permit may be suspended until the item is brought into compliance, and any work done while the permit is in suspension may result in fines of up to $100,000.

**WELL DRILLER**

- **Name:** Rodney K Diamond
- **Address:** HCR #3 Box 14073 Keaau HI 96749
- **Phone:** 987-8100
- **Fax:** 966-4129

**PUMP INSTALLER**

- **Name:** Rodney K Diamond
- **Address:** HCR #3 Box 14073 Keaau HI 96749
- **Phone:** 987-8100
- **Fax:** 966-4129
Proposed site for La Pali Well