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 13:

**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.

2. Except for salt-water wells, any well constructed in basal aquifers for the purpose of nonpotable or potable water withdrawal shall be initially designed and pump tested at a depth below sea level not exceeding one-fourth of the theoretical thickness (41 times the head) of the basal ground-water body, unless authorized by the Chairperson.

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 for our files. For copies of the aquifer pump test worksheet, please call staff or visit www.state.hi.us/dlwr/cwrmlforms.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 Lenore Y. Nakama of the Commission staff at 587-0218 or toll-free at 974-4000 (Hawaii), 274-3141 (Kauai), 984-2400 (Maui), or 1-800-468-4644 (Lanai & Molokai), extension 70218.

Sincerely,

Peter T. Young
Chairperson

Enclosures

c: Regina M. Lutz and Kayrene Lowden (with applicable comments – DOH SDWB & CWB)
USGS
Hawaii DWS
WELL CONSTRUCTION PERMIT

Lucky Me Well, Well No. 3787-06

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 Lucky Me Well (Well No. 3787-06) at TMK 1-5-61:91, 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.

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/cwrml/forms.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.

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 subsurface cultural 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' Division of Historic Preservation.

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/cwrml/forms.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 any related staff submittal approved by the Commission are incorporated into this permit by reference. This permit is also subject to the HWCPIS. If the HWCPIS are not followed and as a consequence water is wasted or contaminated, a lien on the property may result. Any variances from the HWCPIS shall be approved by the Chairperson prior to invoking the variance.

11. 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 performance. A request to extend the permit shall be submitted to the Chairperson no later than the date the permit expires.

12. 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(f) prior to any well sealing or plugging work.

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. 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 Hawaii Administrative Rules §13-168-12(f).

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

Date of Approval: June 2, 2005
Expiration Date: June 2, 2007

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 #: BC-23379 Date: ______________
Printed Name: Rodney K. Diamond Firm or Title: ____________________________

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

Attachment:
- c: USGS
- Hawaii Department of Water Supply
- Regina M. Lutz and Kayrene Lowden

PETER T. YOUNG, Chairperson
Commission on Water Resource Management
June 8, 2005

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 11:

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.

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 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 Lenore Y. Nakama of the Commission staff at 587-0218 or toll-free at 974-4000 (Hawaii), 274-3141 (Kauai), 984-2400 (Maui), or 1-800-468-4644 (Lanai & Molokai), extension 70218.

Sincerely,

Peter T. Young
Chairperson

Enclosure

c: Regina M. Lutz and Kayrene Lowden (with applicable comments – DOH SDWB, WWB & CWB)
USGS
Hawaii DWS
PUMP INSTALLATION PERMIT
Lucky Me Well, Well No. 3787-06

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 Lucky Me Well (Well No. 3787-06) at TMK 1-5-61:91, 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.

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 12 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 60 days after completion of work. This form can be obtained by contacting staff or on the internet at www.hawaii.gov/dlnr/cwrrm.

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 any related staff submittal approved by the Commission are incorporated into this permit by reference. This permit is also subject to the HWCPIS. If the HWCPIS are not followed and as a consequence water is wasted or contaminated, a lien on the property may result. Any variances from the HWCPIS shall be approved by the Chairperson prior to invoking the variance.

10. 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.

11. 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.

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

Date of Approval: June 2, 2005
Expiration Date: June 2, 2007

PETER T. YOUNG, Chairperson
Commission on Water Resource Management

I have read the conditions and terms of this permit and understand them. I accept and agree to meet these conditions as a prerequisite and underlying condition of my ability to proceed and understand that I shall not commence work until I and the 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 #: BC-23379 Date:
Printed Name: Rodney K. Diamond Firm or Title:

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

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

### Data Input

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Well Number</td>
<td>3787-06</td>
</tr>
<tr>
<td>Well Name</td>
<td>Lucky Me</td>
</tr>
<tr>
<td>Ground Elevation</td>
<td>60</td>
</tr>
<tr>
<td>Cement Grout</td>
<td>50</td>
</tr>
<tr>
<td>Grouting Method</td>
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<tr>
<td>Hole Diameter</td>
<td>12</td>
</tr>
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<td>Total Depth</td>
<td>70</td>
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<td>Estimated Head</td>
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</tr>
<tr>
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<td>Solid Casing Specification</td>
<td>Schedule 40</td>
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<td>Solid Casing Diameter</td>
<td>6</td>
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<tr>
<td>Solid Casing Wall Thickness</td>
<td></td>
</tr>
<tr>
<td>Open Casing Length</td>
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</tr>
</tbody>
</table>

### Results

#### Well Depth
- Theoretical Thickness of Aquifer: 0
- 1/4 Aquifer Thickness: 0
- **Depth of Well below Sea Level**: -10 (too deep)  
  **Section 2.2**

#### Well Casing
- Minimum Wall Thickness
  - Material: pvc plastic
  - Minimum Thickness per standards: no requirement
  - **Wall Thickness Provided**: 0 (too small)  
    **Section 2.4(b)**
- Minimum Length of Solid Casing
  - 90% of ground to top of aquifer: 54
- **Length of solid casing Provided**: 50 (okay)  
  **Section 2.4(c)**
- Casing Material
  - Schedule 40
  - **In compliance**  
    **Section 2.4(d)**
- (for pvc only - check for 200' limit) okay  
  **Section 2.4(d)**

#### Annular Space
- Depth of Grouting
  - Calculated Depth of Grouting: 42
- **Depth of Grouting provided**: 50 (okay)  
  **Section 2.6(c)**
- Minimum Annular Space required: 2
- **Thickness of Annular Space**: 3 (okay)  
  **Section 2.6(d)**
April 29, 2005

TO: Honorable Chiyome L. Fukino, M.D., Director
Department of Health
Attention: Director’s Office
Harold Yee, Wastewater Branch
William Wong, Safe Drinking Water Branch
Alec Wong, Clean Water Branch

FROM: Peter T. Young, Chairperson
Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
Lucky Me Well (Well No. 3787-06)

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 June 2, 2005. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Lenore Y. Nakama of the Commission staff at 587-0218.

Lyn: 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 10 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 10 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 prevention, 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.

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

No comments/objections

Contact Person: W. WONG
Signed: W. WONG
Phone: 586-4258
Date: JUN - 2 2005
The Department of Health, Safe Drinking Water Branch has the following additional comments for the Well Construction / Pump Installation Permit Application for the Lucky Mc Well (Well No. 8-3787-06 Hawaii):

Underground Injection Control (UIC) Comments:

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.
April 29, 2005

TO: Harry M. Yada, Acting Administrator  
    Land Division

FROM: Dean A. Nakano, Acting Deputy Director  
    Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application  
    Lucky Me Well (Well No. 3787-06)

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 June 2, 2005. If we do not receive comments or a request for additional review time by this date, we will assume you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Lenore Y. Nakama of the Commission staff at 587-0218.

LYN:ss
Attachment(s)

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

X[ ] 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

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

Contact Person: Gary Martin  
    Phone: 587-0421

Signed: _______________ Date: MAY 17  2005
April 29, 2005

TO: Honorable Chiyome L. Fukino, M.D., Director
   Department of Health
   Attention: Director's Office
   Harold Yee, Wastewater Branch
   William Wong, Safe Drinking Water Branch
   Alec Wong, Clean Water Branch

FROM: Peter T. Young, Chairperson
   Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
   Lucky Me Well (Well No. 3787-06)

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 June 2, 2005. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Lenore Y. Nakama of the Commission staff at 587-0218.

LYN: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 less 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, §11-20-2.

[ ] This well does not qualify as a source serving a public water system (serves less than 25 people or more people at least 60 days per year or 15 service connections) and if the well water is used for drinking, the private owner should test for bacteriological and chemical presence before initiating such use and routinely monitor the water quality thereafter. However, if future planned use from this source increases to meet the public water system definition then Director of Health approval is required prior to implementation.

[ ] If the well is used to supply both potable and non-potable purposes in a single system, the user shall eliminate cross-connections and backflow connections by physically separating potable and non-potable systems by an air gap or an approved backflow prevention device by clearly labeling all non-potable spigots with warning signs to prevent inadvertent consumption of non-potable water. Backflow prevention devices should be routinely inspected and tested.

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

[ ] 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. Information sheet 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

Contact Person: Alan Kajiwara
Phone: 586-4294

Signed: Alan Kajiwara
Date: 05-05-05
A septic tank file has been found and the following information is provided. In general, the Department of Health has reviewed and approved of the plans based on the information submitted as verification that a treatment individual wastewater system (IWS) such as a septic tank was constructed and authorized to be used for wastewater disposal from a building/dwelling.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Address</td>
<td>Road B - Hawn paradise</td>
</tr>
<tr>
<td>Septic Tank File #</td>
<td>4623</td>
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<tr>
<td>Applicant Name</td>
<td>Joseph Hartner</td>
</tr>
<tr>
<td>Submit Plan Date</td>
<td>12/20/2000</td>
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<td>Plan Approval Date</td>
<td>12/28/2000</td>
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<td>Inspection Date</td>
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<td>System Approved for Use Date</td>
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<td>BPA Date</td>
<td>01/11/2001</td>
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<td>System / Disposal Via</td>
<td>Septic tank</td>
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<td>Use For</td>
<td>3 bedrooms</td>
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<tr>
<td>Designed By</td>
<td>R. Nickel</td>
</tr>
<tr>
<td>Percolation Rate / Capacity</td>
<td>1 min/in / 1000 gallons</td>
</tr>
</tbody>
</table>

For further information, you may call the Wastewater Branch engineer as listed:

[ ] Mr. Johnny Ong at the Wastewater Branch office on Oahu at (808) 586-4294
[ ] Mr. Dane Hiromasa at the Kealakekua Health Center in Kona at (808)322-1507
[ ] Mr. Jerry Nunogawa at the Hawaii District Health Office in Hilo at (808)933-0401
[ ] Mr. Joe Tateyama at the Kauai District Health Office at (808)241-3323
[ ] Mr. Roland Tejano at the Maui District Health Office at (808)984-8232

cesspool faxes.wpd sam revised February 24, 2005
April 29, 2005

TO: Honorable Chiyome L. Fukino, M.D., Director
   Department of Health
   Attention: Director's Office
   Harold Yee, Wastewater Branch
   William Wong, Safe Drinking Water Branch
   Alec Wong, Clean Water Branch

FROM: Peter T. Young, Chairperson
   Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
   Lucky Me Well (Well No. 3787-06)

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 June 2, 2005. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Lenore Y. Nakama of the Commission staff at 587-0218.

LYN: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 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, §11-20-26.

[ ] This well does not qualify as a source serving a public water system (serves less than 25 people or persons 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 aspects 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 NPDSS 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.

Contact Person: Alec Wong
Phone: 587-4309
Date: 5/1/05

State of Hawaii
Commission on Water Resource Management

LINDA LINGLE
Governor of Hawaii

PETER T. YOUNG
Chair

MEREDITH J. CHING
CLAYTON W. DELA CRUZ
JAMES A. FRADEN
CHIYOME L. FUKINO, M.D.
STEPHANIE A. WALEN

DEAN A. NAKANO
Administrator

HONOLULU, HAWAII 96809

April 29, 2005

TO: Honorable Chiyome L. Fukino, M.D., Director
   Department of Health
   Attention: Director's Office
   Harold Yee, Wastewater Branch
   William Wong, Safe Drinking Water Branch
   Alec Wong, Clean Water Branch

FROM: Peter T. Young, Chairperson
   Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
   Lucky Me Well (Well No. 3787-06)

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 June 2, 2005. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Lenore Y. Nakama of the Commission staff at 587-0218.

LYN: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 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, §11-20-26.

[ ] This well does not qualify as a source serving a public water system (serves less than 25 people or persons 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 aspects 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 NPDSS 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.

Contact Person: Alec Wong
Phone: 587-4309
Date: 5/1/05
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.
April 29, 2005

TO: Samuel J. Lemmo, Administrator  
Office of Conservation and Coastal Lands

FROM: Dean A. Nakano, Acting Deputy Director  
Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application  
Lucky Me Well (Well No. 3787-06)

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 June 2, 2005. If we do not receive comments or a request for additional review time by this date, we will assume you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Lenore Y. Nakama of the Commission staff at 587-0218.

Lyn:ss
Attachment(s)

RESPONSE:

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

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

[ ] No objections

[ ] Other comments:

Contact Person: Dawn Hegger  
Phone: 7-0380

Signed: Dawn Hegger  
Date: 6/4/05
April 29, 2005

Mr. Rodney K. Diamond
HCR #3 Box 14073
Keaau, HI 96749

Dear Mr. Diamond:

Well Construction/Pump Installation Permit Application for Well No. 3787-06

We acknowledge receipt, on April 11, 2005, of your completed Well Construction/Pump Installation permit application and filing fee for the Lucky Me Well (Well No. 3787-06). You can expect your application to be processed within ninety (90) days from this date.

For your information, the attached table (Permit Process 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. Until then, all aspects of the permits are the responsibility of the contractor. 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 Lenore Y. Nakama of the Commission staff at 587-0218 or toll-free at 974-4000 (Hawaii), extension 70218.

Sincerely,

DEAN A. NAKANO
Acting Deputy Director

LYN:ss
Attachment

c: Regine M. Lutz and Kayrene Lowden
TO: Honorable Chiyome L. Fukino, M.D., Director
   Department of Health
   Attention: Director's Office
   Harold Yee, Wastewater Branch
   William Wong, Safe Drinking Water Branch
   Alec Wong, Clean Water Branch

FROM: Peter T. Young, Chairperson
   Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
   Lucky Me Well (Well No. 3787-06)

April 29, 2005

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 June 2, 2005. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Lenore Y. Nakama of the Commission staff at 587-0218.

LYN: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, §11-20-29.

[ ] 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

Contact Person: ____________________________ Phone: ______________

Signed: ____________________________ Date: ______________
TO: Harry M. Yada, Acting Administrator  
Land Division  

FROM: Dean A. Nakano, Acting Deputy Director  
Commission on Water Resource Management  

SUBJECT: Well Construction/Pump Installation Permit Application  
Lucky Me Well (Well No. 3787-06)  

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 June 2, 2005. If we do not receive comments or a request for additional review time by this date, we will assume you have no comments.  

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Lenore Y. Nakama of the Commission staff at 587-0218.  

LYN:ss  
Attachment(s)  

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

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

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

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

[ ] No objections  

[ ] Other comments:  

Contact Person: ________________________ Phone: ____________________  

Signed: ________________________ Date: ____________
April 29, 2005

TO: Melanie Chinen, Administrator
    Historic Preservation

FROM: Dean A. Nakano, Acting Deputy Director
    Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
         Lucky Me Well (Well No. 3787-06)

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 June 2, 2005. If we do not receive comments or a request for additional
review time by this date, we will assume you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions
about this permit application or request additional review time, please contact Lenore Y.
Nakama of the Commission staff at 587-0218. 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.

LYN: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: ____________
April 29, 2005

TO: Samuel J. Lemmo, Administrator
Office of Conservation and Coastal Lands

FROM: Dean A. Nakano, Acting Deputy Director
Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
Lucky Me Well (Well No. 3787-06)

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 June 2, 2005. If we do not receive comments or a request for additional review time by this date, we will assume you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Lenore Y. Nakama of the Commission staff at 587-0218.

LYN: ss
Attachment(s)

RESPONSE:

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

[ ] No objections

[ ] Other comments:

Contact Person: ____________________ Phone: ________________

Signed: ___________________________ Date: ________________
Mr. Chris Yuen, Director  
County of Hawaii  
Planning Department  
101 Pauahi Street  
Hilo, HI 96720  

Dear Mr. Yuen:

Special Management Area Use Permit Requirements for  
Well Construction/Pump Installation Permit Application  
Lucky Me Well (Well No. 3787-06)

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 June 2, 2005. If we do not receive comments or a request for additional review time by this date, we will assume you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Lenore Y. Nakama of the Commission staff at 587-0218.

Sincerely,

[Signature]

DEAN A. NAKANO  
Acting Deputy Director

LYN:ss

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: ____________
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<thead>
<tr>
<th>Taxkey</th>
<th>Subdiv/Condo</th>
<th>Tnr Address</th>
<th>Owner/Lessee</th>
<th>Bds</th>
<th>Bths</th>
<th>Land area</th>
<th>Liv area</th>
<th>Last Sale Instr</th>
<th>Pr</th>
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<tr>
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<td>Hawaiian Paradise Park</td>
<td>F 15-1091 M/ETAL ROAD B</td>
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<td>2</td>
<td>21,780 sqft</td>
<td>2,208</td>
<td>2/25/2005</td>
<td>DEED $342,000</td>
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This information has been supplied by third parties and has not been independently verified by Hawaii Information Service and is, therefore, not guaranteed.
LICENSE CLASS SCREEN

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

There were 2 specific license classes on this licensee!

***** LICENSE CLASS FOR THIS LICENSEE *****
LIC: CT-23379 RODNEY K DIAMOND

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<th>RESTRICTED</th>
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<td>WELL</td>
<td>06/30/04</td>
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<-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://pahoehoe.ehawaii.gov/pvl/app?_f=n&_a=LC&licno=23379&lictp=CT&off=0&nm=... 4/28/2005
<table>
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<tr>
<th>Approved Well No.</th>
<th>Well Name</th>
<th>Applicant</th>
<th>Driller</th>
<th>Pump Inst.</th>
<th>Type</th>
<th>Well Construction</th>
<th>Pump Installation</th>
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</thead>
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<tr>
<td>Lucky Me</td>
<td>Regina M. Lutz and Kayrene L</td>
<td>BC-23379</td>
<td>BC-23379</td>
<td>BOTH</td>
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<td></td>
</tr>
<tr>
<td>Scuppers</td>
<td>John Busek</td>
<td>BC-23379</td>
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<td></td>
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</tr>
<tr>
<td>Jobst ?</td>
<td>Russel &amp; Joan Jobst</td>
<td>BC-23379</td>
<td>BC-23379</td>
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<tr>
<td>Hyitt</td>
<td>Carolyn Hendershot</td>
<td>BC-23379</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Harrison</td>
<td>Victor Chris Harrison</td>
<td>BC-23379</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Lucky Me</td>
<td>Regina Lutz</td>
<td>BC-23379</td>
<td>BC-23379</td>
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</tr>
<tr>
<td>Oh</td>
<td>Shelley &amp; Jeffery Hetch</td>
<td>BC-23379</td>
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<tr>
<td>3686-06 Polu Puka</td>
<td>Rick Carey</td>
<td>BC-23379</td>
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<td>BOTH</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### WELL LOCATION INFORMATION

1. STATE WELL NO. (if already assigned)  2. WELL NAME  3. ISLAND  4. Township

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 quadrangle
- Property tax map, showing well location referenced to established property boundaries
- Photograph of the proposed well site
- A schematic diagram showing the well site, access road and proposed well infrastructure (if applicable)

5. WELL OPERATOR'S NAME/COMPANY  6. LANDOWNER'S NAME/COMPANY

<table>
<thead>
<tr>
<th>Well Operator's Name/Company</th>
<th>Landowner's Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regina Lutz &amp; Kaylene Lowden</td>
<td>Same</td>
</tr>
</tbody>
</table>

Well Operator's Mailing Address: HCR #3 Box 13053 Kekau Hi 96749

Landowner's Mailing Address: Same

Well Operator's Phone: 933-1455  Well Operator's Fax: 680-9307

Landowner's Phone: 680-9307

7. Have you consulted with the Historic Preservation Division of the Department of Land and Natural Resources regarding potential impacts of well construction activities on historic sites? 
- Yes  [ ]

8. Proposed Work  9. Construction Type

<table>
<thead>
<tr>
<th>Proposed Work</th>
<th>Construction Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construct New Well</td>
<td>Drilled</td>
</tr>
<tr>
<td>Modify Existing Well</td>
<td>Dog</td>
</tr>
<tr>
<td>Abandon/Seal Well</td>
<td>Shaft</td>
</tr>
<tr>
<td>Tunnel</td>
<td></td>
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</tbody>
</table>

10. Is this well part of a battery of wells?  - Yes  - No


<table>
<thead>
<tr>
<th>Proposed Work</th>
<th>Proposed Pumping Rate, gpm</th>
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</thead>
<tbody>
<tr>
<td>Install New Pump</td>
<td>0.12</td>
</tr>
<tr>
<td>Replace Pump</td>
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</tbody>
</table>

13. Proposed Amount of Withdrawal, gpd (gallons per day)

<table>
<thead>
<tr>
<th>Proposed Amount of Withdrawal, gpd (gallons per day)</th>
</tr>
</thead>
<tbody>
<tr>
<td>250</td>
</tr>
</tbody>
</table>

14. Method of flow measurement

- Flowmeter
- Open Pipe
- weir
- Orifice
- Other (explain)

15. Proposed Surveyor name and license number (a surveyor is required for all Well Construction Permits and may be required for some Pump Installation Permits)

16. Proposed Use

- Municipal (water systems serving greater than 25 individuals or 15 service connections)
- Domestic
- Irrigation (describe crop and no. of acres)
- Military (describe)
- Other (describe)

17. OTHER LEGAL REQUIREMENTS

<table>
<thead>
<tr>
<th>OTHER LEGAL REQUIREMENTS</th>
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<tr>
<td>Conservation District Use Permit (CDUP)</td>
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<td>Required, CDUP #</td>
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<tr>
<td>Date approved</td>
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<tr>
<td>Special Management Area Permit (SMA)</td>
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<tr>
<td>Required, SMA #</td>
</tr>
<tr>
<td>Date approved</td>
</tr>
</tbody>
</table>

18. Additional remarks, explanations, etc. (attach additional sheet if more space is needed)

NOTE: Signing below indicates that the signatories 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/bandonment report within 60 days after the completion date of the permitted 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 before the permit is in suspension may result in fines of up to $500 per day

24. WELL DRILLER (must be filled out if application is for Well Construction)  25. PUMP INSTALLER (must be filled out if application is for Pump Installation)

<table>
<thead>
<tr>
<th>Well Driller</th>
<th>License Business Name</th>
<th>License No.</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert Damon</td>
<td>BC 23739</td>
<td>Print</td>
<td>Phone: 987-9100</td>
</tr>
<tr>
<td></td>
<td>RD K Damon</td>
<td>Date</td>
<td>Fax: 987-9100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pump Installer</th>
<th>License Business Name</th>
<th>License No.</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert Damon</td>
<td>BC 23739</td>
<td>Print</td>
<td>Phone: 987-9100</td>
</tr>
<tr>
<td></td>
<td>RD K Damon</td>
<td>Date</td>
<td>Fax: 987-9100</td>
</tr>
</tbody>
</table>

For Official Use Only:

GW 11 9:05 9/10/05
PROPOSED WELL SECTION (Please attach schematic if different from diagram provided below)

Elevation at top of casing: 6 ft., msl

Hole Diameter: 1 in.

Minimum of 2 Radius 8 ft. Thick Concrete Pad (to contain benchmark surveyed to nearest 0.01 ft.)

Ground Elevation: 60 ft., msl

Cement Grout: S0 ft. (min. 70% of distance from ground elevation to top of water surface or 500 ft., whichever is less.)

Annular space between hole and casing (1.5" for positive displacement, 3" for other methods): 3 in.

Rock or Gravel Packing: 2D ft.

Material: Milling or Crushed Basalt

□ Rounded Gravel

Estimated Water Level Elevation: 0 ft., msl

Gnding method: □ Positive displacement □ Other

Total Depth: 70 ft.

* 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 Basalt Wells - bottom elevation of well shall not be deeper than 1/4 of aquifer thickness or, Bottom Elevation of Well Limit = (Water Elevation - 0.25 X Aquifer Thickness)

Example: Estimated 2 ft. Water Level Elev. - Bottom Elevation of Well Limit = (2 - 0.25 X 8) = 1.8 ft.

Solid Casing Material:

Carbon Steel: compliant with (check one or more): □ ANSI/AWWA C200 □ API Spec 5L □ ASTM A53 □ ASTM A139

And compliant with (check one or more): □ ASTM A242 (or A406) □ Type E □ Type S □ Grade B □ Other

Stainless Steel: (check one): □ ASTM A409 (production wells) □ ASTM A312 (monitor wells)

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 D3296
- □ Centrifugally Cast Resin Pipe conforming to ASTM D2997
- □ Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D5357
- □ 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

And compliant with (check one or more): □ ASTM A242 (or A406) □ Type E □ Type S □ Grade B □ Other

Stainless Steel: (check one): □ ASTM A409 (production wells) □ ASTM A312 (monitor wells)

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 D3296
- □ Centrifugally Cast Resin Pipe conforming to ASTM D2997
- □ Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D5357
- □ Glass Fiber Reinforced Resin Pressure Pipe conforming to AWWA C950
- □ PTFE Fluorocarbon Tubing conforming to ASTM D3296
- □ FEP Fluorocarbon Tubing conforming to ASTM D3296

HAWAII WELL CONSTRUCTION AND PUMP INSTALLATION STANDARDS

Please refer to the

HAWAII CONSTRUCTION AND PUMP INSTALLATION STANDARDS to ensure that your as-built is in compliance with applicable standards.
MEMORANDUM FOR THE RECORD

FROM: Lenore Nakama
SUBJECT: WCPIA for Lucky Me Well

4/6/05 Called Rod Diamond and left message that he needs to submit the new information that is required in our updated application form (launched 2/18/05 with the CWRM approval of new standard conditions). Basically, the only additional info are:

- 8 copies of a photo of proposed well site
- 8 copies of a schematic diagram showing well site, access road, infrastructure
- Proposed surveyor's name & license #
- Identification and signature of proposed pump installation contractor (for combined well & pump applications)

Rod said that he would prefer to just transfer the info from the old form to the new form and submit a new application on the new form.
FROM: LENORE  DATE: 31-Mar-05  SUSPENSE DATE: 7-Apr-05

TO:  INIT. TO: INIT. FOR: PLEASE:

BAUER, G.  1  NAKAMA, L.  Approval  See Me
CHING, F.  2  NAKANO, D.  Signature  1  Review & Comment
FUJI, N.  3  OHYE, M.  Information  Take Action
GOODING, K.  4  SAKODA, E.  Type Draft acknow letter
HARDY, R.  1  SUBIA, S.  Type Final w/elec.signat., label file folder
HIGA, D.  2  SWANSON, S.  File
ICE, C.  3  UYENO, D.  Xerox  copies
IMATA, R.  4  YODA, K.  
KUNIMURA, I.  5  YOSHINAGA, M.  

WELL NUMBER  WELL NAME  Lucky Me

☐  WELL CONSTRUCTION  ☐  PUMP INSTALLATION  ☐  BOTH

ATTACHMENTS FOR APPLICATION PROCESSING - Both applicant & staff generated

1 TRANS. LETTER
2 PERMIT PROCESS TABLE
3 CWRM MAP
4 APPL. FORM (5 COPIES)
5 USGS MAPS (5 COPIES)
6 TAX MAPS (5 COPIES)
7 PARCEL OWNER VERIF.  MLS PRINTOUT
8 CONTRACTOR VERIF.  DCCA LICENSE SCREEN PRINTOUT
9 ALL INFO FILLED IN
10 BACKGROUND CHECK
11 $25 FEE DEPOSIT SLIP
12 DHP/CDUP/SMA check

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

INCOMPLETE ACTION DATES:

DATE  ACTION  be sure to send driller new app forms  April will fill in new form

☐  MAKE A COPY
# Well Background Check

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<th>Applicant</th>
<th>Driller</th>
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**TOTAL** $ 25.00

**REMARKS:**

LINE (1) Lucky Me Well
LINE (2)
LINE (3)
LINE (4)
LINE (5)
LINE (6)
LINE (7)
LINE (8)
LINE (9)
LINE (10)
APPLICATION FOR PERMIT

WELL CONSTRUCTION and/or PUMP INSTALLATION

In accordance with Chapter 66-7 of the Hawaii Revised Statutes, the Department of Land and Natural Resources, Division of Water Resources Management, is authorized to issue permits for new wells and the modification of existing wells. This application is for:

1. (a) WELL OWNER: Regina M. Lutzy Address: 15-1091 "B" Road Hilo, HI 96726 Phone: 808-977-1455
   Mailing Address: Hilo, Box 130577 Keaau, HI 96749 Phone: 707-430-3807
   Fax: E-mail:

(b) LAND OWNER: Same
   Mailing Address: Contact Person: Phone:
   Fax: E-mail:

(c) CONTRACTOR: Rod Diamond
   Mailing Address: Contact Person: Rad
   Phone: 967-8100
   Fax: 967-4129
   E-mail:
   Lic #:

WELL & PUMP INFORMATION

2. WELL NAME: Lucky Me Island: Big Island, Hawaii
   Address: 15-1091 "B" Road Hilo Tax Map Key: 2-5-61-91
   Hurry, call Elaine Meggy at 742-7033; or Nancy Huddleson at 742-7033
   State Well No.: ________________
   Tax Map:
   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 grid map referred 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 587-6225)

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

5. PROPOSED PUMPING RATE:
   2.0 gallons per minute

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

7. (a) PROPOSED AMOUNT OF WITHDRAWAL:
   250 gallons per day
   (b) METHOD OF FLOW MEASUREMENT:

   Other Method:

   Other (explain):

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 587-6414
   If Not Required, if required, data approved
   Environmental Impact Statement (EIS) or Environmental Assessment (EA)
   To determine if an EIS or EA is necessary, call OECG at 586-4185
   If Not Required, if required, data approved
   Special Management Area Permit (SMAP)
   To determine if an SMAP is necessary: on Oahu, call 527-5374; on Hawaii, 961-8228; for Maui county, call 270-7235; on Kauai, call 241-6677.
   If Not Required, if required, data approved

9. ARCHAEOLOGICAL REQUIREMENTS:
   To find out if an archaeological work is required: on Oahu, call Elaine Jourdain at 692-8027; on Hawaii, call Marilyn Anne MacGill at 327-3690, for Maui county, call Cathy Dasher at 692-8023, on Kauai, call Nancy McMahon at 742-7033.
   If Not Required, if required, please attach letter from DLNR Historic Preservation Division

10. REMARKS, EXPLANATIONS:

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

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 report shall not constitute a determination of cumulative water rights and shall not guarantee the pump capacity or future use up to the permitted pump capacity; 5) if the event that 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 $5,000/day.

Well Owner
(print legibly)
Name: ______________________ Signature: ______________________ Date: ____________
Landowner
(print legibly)
Name: ______________________ Signature: ______________________ Date: ____________
Contractor
(print legibly)
Name: ______________________ Signature: ______________________ Date: ____________

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

WCPA Form 7/17/03
10. PROPOSED WELL SECTION (Please attach schematic if different from diagram provided below)

**Solid Casing Material:**
- Carbon Steel: compliant with (check one or more):
  - ANSI/AWWA C200
  - API Spec. 5L
  - ASTM A53
  - ASTM A139
- Stainless Steel: compliant with (check one or more):
  - ASTM A409 (production well)
  - ASTM A519 (monitor wells)

**ABS Plastic conforming to ASTM F480 and 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

**Open Casing Material:**
- Carbon Steel: compliant with (check one or more):
  - ANSI/AWWA C200
  - API Spec. 5L
  - ASTM A53
  - ASTM A139
- Stainless Steel: compliant with (check one or more):
  - ASTM A409 (production well)
  - ASTM A519 (monitor wells)

**ABS Plastic conforming to ASTM F480 and D1527:** (check one) Schedule 40 Schedule 80

**PVC Plastic conforming to ASTM F480 and (ASTM D1785 or ASTM D2241):** (check one):
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**For non-salt water Basal Wells - bottom elevation of well should not be deeper than 1/4 of aquifer thickness or,**

Bottom Elevation of Well Limit = \( \frac{(\text{Water Level} - \text{Bottom Depth})}{4} \) ft.

Example: Estimated Water Level = 10 ft. Bottom Depth = 10 ft. \( \frac{10 - 10}{4} \) = 0 ft.

**Solid Casing:** (check one or more):
- Steel: compliant with (check one or more):
  - Schedule 40 Schedule 80 Schedule 120
- Stainless Steel: compliant with (check one or more):
  - Schedule 40 Schedule 80 Schedule 120

**Annular space between hole and casing (min.3):**
- 3 in.

**Rock or Gravel Packing:**
- 20 ft.

**Total Depth:**
- 70 ft.

**Estimated Water Level Elevation:**
- 10 ft.

**Cement Grout:** (min. 70% of distance from ground elevation to top of water surface or 500 ft. whichever is less.)

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

**Ground Elevation:**
- 60 ft.

**HAWAII WELL CONSTRUCTION AND PUMP INSTALLATION STANDARDS**

Please refer to the HAWAII WELL CONSTRUCTION AND PUMP INSTALLATION STANDARDS to ensure that your as-built is in compliance with applicable standards.

**Please refer to the**

**Note:** Neither bentonite nor mud should be used in well installations.

"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 report and referenced to a benchmark which has been established by a surveyor licensed by the State.

For non-salt water Basal Wells - bottom elevation of well should not be deeper than 1/4 of aquifer thickness or, Bottom Elevation of Well Limit = \( \frac{(\text{Water Level} - \text{Bottom Depth})}{4} \) ft.

Example: Estimated Water Level = 10 ft. Bottom Depth = 10 ft. \( \frac{10 - 10}{4} \) = 0 ft.
Mailing address
HCR-3, Box 13053
Kaneohe, HI 96749