WELL CONSTRUCTION PERMIT

Gibson Well, Well No. 3686-05

Note: This permit shall be prominently displayed at the construction site until the work is completed.

In accordance with the 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 Gibson Well (Well No. 3686-05) at TMK 1-5-058:034, 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 (Chairperson), P.O. Box 821, 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/cwnnlfonns.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. If 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, 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/cwnnlfonns.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 subject to 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 good-faith 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.

W. Roy Hardy

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

PETER T. YOUNG, Chairperson
Commission on Water Resource Management

I have read the conditions and terms of this permit and understand them. I accept and agree to meet these conditions as a prerequisite and underlying condition of my ability to proceed and understand that I shall not commence work until I 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: [Signature]
C-57 License #: [_license]
Date: [Date]

Printed Name: Rod J. Diamond
Firm or Title: Driller

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

Attachment:

USGS
Hawaii Department of Water Supply
Judith A. Gibson
NOTICE TO START DRILLING

DATE: 03/09/2005

This is to inform you that we would like to start well construction on the GIBSON WELL, Well No. 3686-05 and would like to use the test pump as the permanent pump prior to final pump installation permit issuance.

Feel free to call me at 808-987-8100 or home 808-966-6398.

Rod Diamond  Well Driller/ Contractor BC23379
March 7, 2005

Ref: 3686-05.wcp

Mr. Rodney K. Diamond
HCR 3 Box 14073
Keaau, HI 96749-9229

Dear Mr. Diamond:

Well Construction Permit
Gibson Well (Well No. 3686-05)

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

Special Conditions

1. Attached for your information 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.

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/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 Lenore Y. Nakama of the Commission staff at 587-0218 or toll-free at 974-4000 (Hawaii), extension 70218.

Sincerely,

Peter T. Young
Chairperson

Enclosures

c: Judith A. Gibson
USGS
DWS
WELL CONSTRUCTION PERMIT

Gibson Well, Well No. 3686-05

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 Gibson Well (Well No. 3686-05) at TMK 1-5-05A:034, 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 §13-158-15, 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/cwnnlfonns.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 corrosive 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/cwnnlfonns.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 shall be imposed. 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 good-faith 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 the construction or use of the well.

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 §13-158-12(f).

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

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

PETER T. YOUNG, Chairperson
Commission on Water Resource Management

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

Printed Name: ___________________________ Firm or Title: ___________________________

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

Attachment

c
USGS
Hawaii Department of Water Supply
Judith A. Gibson
## Well Check Program
4/1/04 - Revised for update to Well Standards (February 2004)

### Data Input

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
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<tbody>
<tr>
<td><strong>Well Number</strong></td>
<td>3885-05</td>
</tr>
<tr>
<td><strong>Well Name</strong></td>
<td>Gibson</td>
</tr>
<tr>
<td><strong>Ground Elevation</strong></td>
<td>40</td>
</tr>
<tr>
<td><strong>Cement Grout</strong></td>
<td>28</td>
</tr>
<tr>
<td><strong>Grouting Method</strong></td>
<td>other</td>
</tr>
<tr>
<td><strong>Hole Diameter</strong></td>
<td>12</td>
</tr>
<tr>
<td><strong>Total Depth</strong></td>
<td>40</td>
</tr>
<tr>
<td><strong>Estimated Head</strong></td>
<td>6</td>
</tr>
<tr>
<td><strong>Public Water Supply Well?</strong></td>
<td>no</td>
</tr>
<tr>
<td><strong>Solid Casing Material</strong></td>
<td>pvc plastic</td>
</tr>
<tr>
<td><strong>Solid Casing Specification</strong></td>
<td>Schedule 40</td>
</tr>
<tr>
<td><strong>Solid Casing Length</strong></td>
<td>40</td>
</tr>
<tr>
<td><strong>Solid Casing Diameter</strong></td>
<td>6</td>
</tr>
<tr>
<td><strong>Solid Casing Wall Thickness</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Open Casing Length</strong></td>
<td>6</td>
</tr>
</tbody>
</table>

### Results

#### Well Depth
- **Theoretical Thickness of Aquifer** | 246
- **1/4 Aquifer Thickness** | 61.5
- **Depth of Well below Sea Level** | 0 **okay** Section 2.2

#### Well Casing
- **Minimum Wall Thickness**
  - **Material** | pvc plastic
  - **Minimum Thickness per standards** | no requirement
  - **Well Thickness Provided** | 0 **too small** Section 2.4(a)
- **Minimum Length of Solid Casing** | 30.6
- **90% of ground to top of aquifer** | 40 **okay** Section 2.4(c)
- **Length of solid casing Provided** | 40 **okay** Section 2.4(c)
- **Casing Material** | Schedule 40
- **(for pvc only - check for 40° limit)** | 0 **okay** Section 2.4(d)
- **Annular Space**
- **Depth of Grouting** | 23.8
- **Calculated Depth of Grouting** | 28 **okay** Section 2.6(c)
- **Minimum Annular Space required** | 2
- **Thickness of Annular Space** | 3 **okay** Section 2.6(d)
February 4, 2005

TO: Honorable Chiyome L. Fukino, M.D., Director
   Department of Health
   Attention: Harold Yee, Wastewater Branch
   William Wong, Safe Drinking Water Branch
   Dr. Keith Kawaoka, Hazardous Evaluation and Emergency Response
   Alec Wong, Clean Water Branch

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

SUBJECT: Well Construction/Pump Installation Permit Application
   Gibson Well (Well No. 3686-06)

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 March 7, 2005. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact 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 pumped use from this source increases to meet the public water system definition then Director of Health approval is required prior to implementation.

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

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

[ ] For the applicant’s information, a source of possible wastewater contamination is [ ], is located near the proposed well site (information attached).

[ ] An NPDES permit is required.

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

No comments/objections

Contact Person: Lori Kajiwara
Phone: 586-4294
Signed: Lori Kajiwara
Date: 02-24-05
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>
<th>Tax Map Key number</th>
<th>(3) 1 - 5 058 034</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>15-888 Paradise Alakaia</td>
</tr>
<tr>
<td>Septic Tank File #</td>
<td>50441</td>
</tr>
<tr>
<td>Applicant Name</td>
<td>Judith Gibson</td>
</tr>
<tr>
<td>Submit Plan Date</td>
<td>11-08-2004</td>
</tr>
<tr>
<td>Plan Approval Date</td>
<td>11-24-2004</td>
</tr>
<tr>
<td>Inspection Date</td>
<td></td>
</tr>
<tr>
<td>System Approved for Use Date</td>
<td></td>
</tr>
<tr>
<td>BPA Date</td>
<td></td>
</tr>
<tr>
<td>System / Disposal Via</td>
<td>Septic Tank / Bed</td>
</tr>
<tr>
<td>Use For</td>
<td>3 bedrooms</td>
</tr>
<tr>
<td>Designed By</td>
<td>Nickel</td>
</tr>
<tr>
<td>Percolation Rate / Capacity</td>
<td>1 min/in / 1000 gallons</td>
</tr>
</tbody>
</table>

Wastewater Branch Engineer PD Section (Oahu)

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

- Mr. Dane Hiromasa at the Kealakekua Health Center, Kona at (808) 322-1507
- Mr. Jerry Nunogawa at the Hawaii District Health Office, Hilo at (808) 933-0401
- Mr. Joe Tateyama at the Kauai District Health Office at (808) 241-3323
- Mr. Roland Tejano at the Maui District Health Office at (808) 984-8232

cesspool taxes.wpd sam rev October 10, 2003
February 4, 2005

TO:  
Honorable Chiyome L. Fukino, M.D., Director  
Department of Health  
Attention: Harold Yee, Wastewater Branch  
William Wong, Safe Drinking Water Branch  
Dr. Keith Kawaoka, Hazardous Evaluation and Emergency Response  
Alec Wong, Clean Water Branch

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

SUBJECT:  
Well Construction/Pump Installation Permit Application  
Gibson Well (Well No. 3686-05)

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

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

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact 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 more than 15 service connections) and must receive Director of Health approval prior to its use to comply with Hawaii Administrative Rules (HAR), Title 11, Chapter 20, Rules Relating to Potable Water Systems, §11-20-20.

This well does not qualify as a source serving a public water system (serves less than 25 people or more people at least 62 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.

The well is used to supply both potable and non-potable purposes in a single system, the user shall eliminate cross-connections and backflow preventing devices 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 preventer devices should be routinely inspected and tested.

It does not appear that the 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 [if any] is not located near the proposed well site (information attached).

An NPDES permit is required.

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

No comments/complaints

Contact Person:  
Bill Wong  
Phone: 587-0219  
Date: FEB 11 2005

Signed:  
FEB 11-2005 03:23PM  FAX:8085864351  ID:OLNR CWRM  PAGE:001  R=96%
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT
P.O. BOX 63
HONOLULU, HAWAII 96809

February 4, 2005

TO: Honorable Chiyome L. Fukino, M.D., Director
   Department of Health
   Attention: Harold Yee, Wastewater Branch
   William Wong, Safe Drinking Water Branch
   Dr. Keith Kawakita, Hazardous Evaluation and Emergency Response
   Alec Wong, Clean Water Branch

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

SUBJECT: Well Construction/Pump Installation Permit Application
Gibson Well (Well No. 3888-05)

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

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

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact 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, §11-20-39.

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

If the well is used to supply both potable and non-potable purposes in a single system, the user shall eliminate cross connections and backflow connections by physically separating potable and non-potable systems by an air gap or an approved backflow preventer and by clearly labeling all non-potable systems with warning signs to prevent inadvertent consumption of non-potable water. Backflow prevention devices should be properly equipped 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 and information attached).

An NPDES permit is required.

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

No comments/objections

Contact Person: Alec Wong

Signed: Alec Wong

Phone: 2/8/05

Date: __________

Chiyome L. Fukino, M.D., Director
William Wong, Safe Drinking Water Branch
Dr. Keith Kawakita, Hazardous Evaluation and Emergency Response
Alec Wong, Clean Water Branch

Meredith J. Ohing, Chairperson
Clayton W. Dela Cruz
James A. Fawr
Chiyome L. Fukino, M.D.
Lawrence H. Hire, M.D., J.D.
Stephanie A. Whaley
Yvonne Y. Ju
Commissioner
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 918 Ala Moana Boulevard, Room 301, Honolulu, Hawaii 96814-4820 or P.O. Box 3378, Honolulu, Hawaii 96801-3378. Inquiries may be directed to the Clean Water Branch at (808) 586-4309 or by fax at (808) 586-4352.

2. For Well Pump Testing

The discharger shall take all measures necessary to prevent the discharge of pollutants from entering State waters. Such measures shall include, if necessary, containment of the initial discharge until the discharge is essentially free of pollutants. If the discharge is entering a stream or river bed, best management practices shall be implemented to prevent the discharge from disturbing the clarity of the receiving water. If the discharge is entering a storm drain, the discharger must obtain written permission from the owner of that storm drain prior to discharge. Furthermore, best management practices shall be implemented to prevent the discharge from collecting sediments and other pollutants prior to entering the storm drain.

JS/wr
February 4, 2005

TO: Warren Wegasend, Jr., Administrator
Land Division

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

SUBJECT: Well Construction/Pump Installation Permit Application
Gibson Well (Well No. 3686-05)

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

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

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact 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. ____________________________

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

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

[ ] No objections

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

Contact Person: Gary Martin Phone: 587-0421

Signed: Gary Martin Date: FEB 8 2005
Dear Mr. Diamond:

Well Construction/Pump Installation Permit Application for Well No. 3686-05

We acknowledge receipt, on January 31, 2005, of your completed Well Construction/Pump Installation permit application and filing fee for the Gibson Well (Well No. 3686-05). You can expect your application to be processed within ninety (90) days from this date.

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

If you have any questions about your permit application, please contact Lenore Y. Nakama of the Commission staff at 587-0218 or toll-free at 974-4000 (Hawaii), extension 70218.

Sincerely,

YVONNE Y. IZU
Deputy Director

LYN:ss

c: Judith Gibson
February 4, 2005

TO: Honorable Chiyome L. Fukino, M.D., Director
    Department of Health
    Attention: Harold Yee, Wastewater Branch
               William Wong, Safe Drinking Water Branch
               Dr. Keith Kawacka, Hazardous Evaluation and Emergency Response
               Alec Wong, Clean Water Branch

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

SUBJECT: Well Construction/Pump Installation Permit Application
         Gibson Well (Well No. 3686-05)

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

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

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact 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 [] is not located near the proposed well site (information attached).

[ ] An NPDES permit is required.

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

[ ] No comments/objections

Contact Person: __________________________ Phone: __________________________

Signed: __________________________ Date: ______________
February 4, 2005

TO: Warren Wegesend, Jr., Administrator
   Land Division

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

SUBJECT: Well Construction/Pump Installation Permit Application
          Gibson Well (Well No. 3666-05)

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

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

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

RESPONSE:

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

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

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

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

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

[ ] No objections

[ ] Other comments:

Contact Person: ____________________ Phone: ______________

Signed: ______________________ Date: ____________
February 4, 2005

TO: Melanie Chinen, Administrator
   Historic Preservation

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

SUBJECT: Well Construction/Pump Installation Permit Application
         Gibson Well (Well No. 3686-05)

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

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

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

LYN:ss
Attachment(s)

RESPONSE:

[ ] There may be areas in the vicinity of the well site that contain subsurface cultural remains such as artifacts, burials or concentrations of shells or charcoal.

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

[ ] No objections

[ ] Other comments:

Contact Person: ___________________________ Phone: ________________

Signed: ________________________________ Date: ________________
**PUBLIC RECORD DATA**

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**SALES**

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This information has been supplied by third parties and has not been independently verified by Hawaii Information Service and is, therefore, not guaranteed.

LICENSE CLASS SCREEN

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

There were 2 specific license classes on this licensee!

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

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<-Back  New Search->

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

Copyright 2002 Professional and Vocational Licensing Division

Hawaii State homepage | DCCA | Professional and Vocational Licensing Division
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REMARKS:  
LINE (1) Gibson Well  
LINE (2) Oliver Well  
LINE (3) Hendershot II Well  
LINE (4)                          
LINE (5)                          
LINE (6)                          
LINE (7)                          
LINE (8)                          
LINE (9)                          
LINE (10)                         

DATE: January 31, 2005
State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
APPLICATION FOR PERMIT

Well Construction and/or Pump Installation

Instructions: Please print in ink or type and send completed application with attachments to the Commission on Water Resource Management, P.O. Box 821, Honolulu, Hawaii 96808. Application must be accompanied by 5 copies and a non-refundable filing fee of $25.00 payable to the Dept of Land and Natural Resources. The Commission may not accept incomplete applications. For assistance, call the Regulation Branch at 587-0275.

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

1. (a) WELL OWNER: [ ] CONTRACTOR: 
   Contact Person: 
   Phone:  
   Fax: 
   Email:  

2. LAND OWNER: 
   Contact Person: 
   Phone: 
   Fax: 
   Email:  

3. CONTRACTOR: 
   Contact Person: 
   Phone: 
   Fax: 
   Email:  

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

2. WELL NAME: 
   Island: 
   Address:  
   Tax Map Key:  
   Zso 
   Sec 
   Pat 
   Parcel 

3. PROPOSED WORK: 
   (check all that apply)
   [ ] Construct New Well
   [ ] Install New Pump
   [ ] Modify Existing Well
   [ ] Modify Pump
   [ ] Abandon Well
   [ ] State Well No.:

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

5. PROPOSED PUMPING RATE: 
   [ ] gallons per minute

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

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

C. OTHER INFORMATION:

8. LEGAL REQUIREMENTS: 
   [ ] Not Required
   If required, data approved
   Environmental Impact Statement (EIS) or Environmental Assessment (EA) To determine if an EIS or EA is necessary, call HDOE at 586-4165
   [ ] Not Required
   If required, data approved in HDOE bulletin
   Special Management Area Permit (SMP) To determine if an SMP is necessary: on Oahu, call 527-6374; on Kauai, call 822-8288; for Maui County, call 270-7238; on Kauai, call 241-6677.
   [ ] Not Required
   If required, data approved

9. ARCHEOLOGICAL REQUIREMENTS: 
   To find out if an archeological work is needed on Oahu, call Elaine Jordant at 852-8027; on Maui, call MaryAnne Mains at 327-3680, for Maui county, call Cathy Degher at 802-6203, on Kauai, call Nancy Moulton at 742-7033.
   [ ] Not Required
   If required, please attach letter from DLNR Historic Preservation

10. REMARKS, EXPLANATIONS:

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

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

   WCPA Form 7/17/63
10. PROPOSED WELL SECTION (Please attach schematic if different from diagram provided below)

Elevation at top of casing: 41 ft., mal

Hole Diameter: 1.2 in.

Minimum of 2' Radius & 4" Thick Concrete Pad (to contain benchmark surveyed to nearest (0.31 ft.)

Ground Elevation: 40 ft., mal

Solid Casing: (c. 90% x (Ground Elev. - Water Level Elev.))

Total Length: 40 ft.

Nominal Diameter: 6 in.

Wall Thickness: <6 40 in.

Bottom Elevation: 0 ft., mal

Open Casing: (check one) Perforated Screen

Total Length: 6 ft.

Nominal Diameter: 6 in.

Wall Thickness: <6 40 in.

Bottom Elevation: 0 ft., mal

note: Neither bentonite nor mud should be used in submersible motor driven lift.

Open Hole:

Length: 0 ft.

Diameter: 0 ft.

Bottom Elevation: 0 ft., mal

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

For non-salt water Basal Wells - bottom elevation of well should not be deeper than 1/4 of aquifer thickness or,

Bottom Elevation of Well Limit = (Water Elevation - 41 x Water Level Elevation) / 4

Example: Estimated +2 ft. Water Level Elev. .. bottom Elevation of Well Limit = (2 - 41 x (2/4)) = -18.5 ft.

Solid Casing Material:
Carbon Steel: compliant with (check one or more):
- ANSI/AWWA C200
- API Spec. SL
- ASTM A53
- ASTM A139

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

Stainless Steel: (check one):
- ASTM A408 (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 F460 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 C650
- 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. SL
- ASTM A53
- ASTM A139

And compliant with (check one or more):
- ASTM A242
- Type E
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- Grade B
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