<table>
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<tr>
<th>FROM: Charley</th>
<th>TO: IMATA, R.</th>
<th>TO: KAWAHARA, K.</th>
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02Jul08

PLEASE:
- Review & Comment
- Type Draft
- Type Final
- File
- Copies: 
- Take Action:
- Please See Me
March 3, 2010

Ms. Tracie Sober
Valley Well Drilling, LLC
91-458 Komohana Street
Kapolei, HI 96707

Dear Ms. Sober:

Extension of Well Construction Permit
Paty Well (Well No. 3307-26)

Thank you for your email requesting an extension for the well construction permit. We understand that you need additional time to gain access to the property for relevant details to complete the well completion report, part 1. At this time, the pump installation permit is being allowed to expire, as of January 23, 2010. We understand that it will be the landowner’s responsibility to pursue the next pump installation permit.

By this letter, we approve the extension of the captioned well construction permit for six months, to July 23, 2010. Please keep this letter with your permit.

No further work should be done without a permit to install a pump or pumping equipment, subject to fines of up to $5,000 per day.

If you have any questions, please contact Charley Ice of our staff at (808) 587-0218.

Sincerely,

KEN C. KAWAHARA, P.E.
Deputy Director

Cc: Randy Paty
Dole Food Company
Charley,
I would like to request an extension of the well construction permit for well # 3307-26 but would like to let the pump installation permit for the same well expire.
Thanks,
Tracie

Randy: PPTY lessee - doesn't want to pay
Dole wants to use - let them file PIPA
July 29, 2008

Ms. Tracie Sober
Valley Well Drilling, LLC
91-458 Komohana Street
Kapolei, HI 96707

Dear Ms. Sober:

Variance Request for the Paty Well (Well No. 3307-26)

We received your request for an after-the-fact variance for the use of PVC for Well No. 3307-26 down to a depth of 285 feet. Your letter explained that two cement baskets were placed at depths of 280 feet and 285 feet, and that the casing was grouted in lifts using a 5% bentonite grout slurry.

We have determined that well construction materials and procedure described in your variance request are in compliance with the Hawaii Well Construction and Pump Installation Standards. Further, Special Condition 2 of your well construction permit authorized the use of PVC to a depth greater than 200 feet provided grouting was done in lifts to prevent collapse of the PVC casing. Therefore, a de facto variance was granted when we issued your well construction permit and no further approval from the Commission is required.

Please contact Denise Mills in our office at 587-0251 if you have any questions.

Sincerely,

KEN C. KAWAHARA, P.E.
Deputy Director

DM:ss
WELL CONSTRUCTION PERMIT

Paty Well, Well No. 3307-26

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 Paty Well (Well No. 3307-26) at TMK 6-7-002:004, Oahu, 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 installation 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 baseline ground water, the depth of the well may not exceed one-fourth (1/4) of the theoretical thickness (41 times initial head) of the baseline 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 historically significant remains such as artifacts, burials or concentrations of shells or charcoal are encountered during construction, the permittee shall stop work and immediately contact the Department of Land and Natural Resources' State Historic Preservation Division. Work may recommence only after written concurrence by the State Historic Preservation Division.

7. The proposed well construction shall not adversely affect existing or future legal uses of water in the area, including any surface water or established instream flow standards. This permit or the authorization to construct the well shall not constitute a determination of correlative water rights.

8. The Well Completion Report Part I shall be submitted to the Chairperson within sixty (60) days after completion of work (please contact staff or visit www.hawaii.gov/dlnr/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 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(1) 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(1).

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

Date of Approval: January 23, 2008
Expiration Date: January 23, 2010

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: Ema Jobe
C-57 License #: C-24947
Date: 3/7/05

Printed Name: Tracie Sober
Firm or Title: Valley Well Drilling

Please sign both copies of this permit, return one to the Chairperson, and retain the other for your records.
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 Paty Well (Well No. 3307-26) at TMK 6-7-002:004, Oahu, 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 10 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/cwrm.

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: January 23, 2008 Expiration Date: January 23, 2010

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: J. A. E. M. K u w a t e
C-57, C-57a, or A License #: C-24947 Date: 4-20-08

Please sign both copies of this permit, return one to the Chairperson, and retain the other for your records.
<table>
<thead>
<tr>
<th>FROM: ROY</th>
<th>DATE: JUL 28 2008</th>
<th>SUSPENSE DATE:</th>
<th>TO:</th>
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<td>KUNIMURA, I.</td>
<td>LEROUX, E.</td>
<td>MILLS, D.</td>
<td>OHYE, L.</td>
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<td>SAKODA, E.</td>
<td>SWANSON, S.</td>
<td>TORRES, R.</td>
</tr>
</tbody>
</table>

**Please:**
- See Me
- Review & Comment
- Take Action
- Type Draft
- Type Final
- File
- Xerox ___ copies

Duplicate: Yes
Fax Transmittal Cover Sheet

To: Denise Mills
Date: 7-28-08

Company: DLNR CHRM
Pages: 3

Fax: 808-0219
From: Tracie Sober

Urgent  For Review  Please Comment  Please Reply  Please Recycle

Subject: Signed permits

If you have any questions regarding this fax transmission, please contact the above at 808-682-1767.
PUMP INSTALLATION PERMIT

Patty Well, Well No. 3307-26

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 Patty Well (Well No. 3307-26) at TMK 6-7-002:004, Oahu, 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 671, Honolulu, HI 96829, 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 10 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/cwrmd.

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: January 23, 2008
Expiration Date: January 23, 2010

[Signature] LAURA H. THIELEN, Chairperson
Commission on Water Resource Management

I have read the conditions and terms of this permit and understand them. I accept and agree to meet these conditions as a prerequisite and underlying condition of my ability to proceed and understand that I shall not commence work until I 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: [Signature] C-57, C-57a, or A License #: C-24947 Date: 5-6-08
Printed Name: Tracee Sober Firm or Title: Valley Well Drilling

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

Attachments
WELL CONSTRUCTION PERMIT
Paty Well, Well No. 3307-26

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 Paty Well (Well No. 3307-26) at TMK 6-7-002:004, Oahu, 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/diverse/water/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 the pump test does not support the capacity.

4. In basalt 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 historically significant remains such as adobe, basalt or cinder cone structures or cave-ceilings are encountered during construction, the permittee shall stop work and immediately contact the Department of Land and Natural Resources’ State Historic Preservation Division. Work may recommence only after written concurrence by the State Historic Preservation Division.

7. The proposed well construction shall not adversely affect existing or future legal uses of water in the area, including any surface water or established instream flow standards. This permit or the authorization to construct the well shall not constitute a determination of correlative water rights.

8. The Well Completion Report Part 1 shall be submitted to the Chairperson within sixty (60) days after completion of work (please contact staff or visit www.hawaii.gov/diverse/water/permits.htm for current form).

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

10. The well construction permit application and any related staff submitted 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 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 §3(2) prior to any well sealing or plugging work.

13. The permittee, its assigns, 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 thereto or connected with the permitting 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(1).

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

Date of Approval: January 23, 2008
Expiration Date: January 23, 2010

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 #: C-24947
Date: 3-4-08
Firm or Title: Valley Well Drilling

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

Attachment

JUL-28-2008 09:53AM FAX: 8086821768 ID: DLNR CWRM PAGE: 003 R=96%
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<td>CHING, F.</td>
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<td>Signature</td>
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[Handwritten note: ask why ATE? We can investigate (or call).]

[Handwritten notes:
- 'a signed permit for WC or PE received
- Appl. was for 240° depth w/ 1 sch 4 PVC - permit special condition to place grout in lift, compl. w/ HWCP.]

[Handwritten note: letter ack. receipt of request, approval in Spec. Condition #2 of WC. Need signed permit.]

[Handwritten note: Xerox ____ copies]
Valley Well Drilling, LLC

To: Charley Ice & Commission
From: Tracie Sober

Fax: 587-0219
Pages: 1

Company: DLNR-CWRM
Date: 7/8/2008

Re: Variance Request

CC:

Comments:

Charley,

We would like to request an after the fact variance for the use of PVC for well # 3307-26. The variance we would like to request is after the fact usage of PVC casing down to 285 feet. There are two cement baskets at 280 below ground surface (bgs) and 285 bgs. The casing was grouted in lifts using a 5% bentonite grout slurry to reduce the temperature while curing. Mike and I were out of town when the well was drilled, cased and grouted. Jeff Sober who runs the Valley Well Drilling California office made the decision to use the PVC without an advance request for variance.

Sincerely,

Tracie Sober

91-458 Komohana Street Kapolei, HI 96707 Phone: (808)682-1767 Fax: (808)682-1768
COMMISSION ON WATER RESOURCE MANAGEMENT
ROUTE SLIP FOR PERMIT ISSUANCE 11/14/07

FROM: RYAN                      DATE: 2/27/08                      SUSPENSE DATE: __________

TO:                              INIT. TO:    INIT. FOR:                      PLEASE:
CHENG, C.                      LEROUX, E.       Approval
CHING, F.                      KUNIMURA, I.      Signature
CHONG, R.                      NAKAMA, L.       Information
DANBARA, S.                           4     OHYE, M.               See Me
ENGLAND, D.                      SAKODA, E.      1       Review & Comment
FUJII, N.                       SWANSON, S.       Take Action
HARDY, R.                      UYENO, D.          Type Draft
HOAGBIN, S.                      YODA, K.          Type Final
ICE, C.                        YOSHINAGA, M.     File
IMATA, R.                      KIMURA, J.        Xerox copies
KUNIMURA, I.                             3

WELL NUMBER 3307-26
WELL NAME Paty

application type
1 WCP COVER LETTER
2 WCP
3 WELL CHECK PRINTOUT

4 PIP COVER LETTER
5 PIP

COMMENTS:
6 SDWB
7 WWB
8 CWB
9 LD
10 HP
11 LUC
12 OCCL
13 SMA

NOTES:
DRILLER
TMK
PUMP CAPACITY
WELL OWNER
LAND OWNER
COMMENT DEADLINE

Valleym 1/2 6.7.2.9
South Shore Macadamia
Dole Food Co.
1/2 3/08

too deep for PVC
March 4, 2008

Ms. Tracie Sober
Valley Well Drilling
91-235 Oihana St., Suite A
Kapolei, HI 96707

Dear Ms. Sober:

Well Construction Permit
Paty Well (Well No. 3307-26)

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. Either grouting shall be done in lifts to prevent collapse of the PVC casing, or the casing material shall not be PVC if the well depth is over 200' per Section 2.4(d) of the Hawaii Well Construction and Pump Installation Standards.

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/dlnr/cwrm/forms.htm.

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

If you have any questions, please call Ryan Imata of the Commission staff at 587-0255.

Sincerely,

LAURA H. THIELEN
Chairperson

Enclosures

C: North Shore Macadamia (with applicable comments – DOH SDWB, WWB, CWB)
   Dole Food Co. (with applicable comments – DOH SDWB, WWB, CWB)
   USGS
   Honolulu BWS
WELL CONSTRUCTION PERMIT

Paty Well, Well No. 3307-26

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 Paty Well (Well No. 3307-26) at TMK 6-7-002:004, Oahu, 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/cwrmlforms.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 historically significant remains such as artifacts, burials or concentrations of shells or charcoal are encountered during construction, the permittee shall stop work and immediately contact the Department of Land and Natural Resources' State Historic Preservation Division. Work may recommence only after written concurrence by the State Historic Preservation Division.

7. The proposed well construction shall not adversely affect existing or future legal uses of water in the area, including any surface water or established instream flow standards. This permit or the authorization to construct the well shall not constitute a determination of correlative water rights.

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

Date of Approval: January 23, 2008
Expiration Date: January 23, 2010

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

Driller's Signature: __________________________ C-57 License #: C-24947 Date: __________________________

Printed Name: Tracie Sober Firm or Title: Valley Well Drilling

Please sign both copies of this permit, return one to the Chairperson, and retain the other for your records.
Ref: 3307-26.pip

Ms. Tracie Sober
Valley Well Drilling
91-235 Oihana St., Suite A
Kapolei, HI 96707

Dear Ms. Sober:

Pump Installation Permit
Paty Well (Well No. 3307-26)

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 Ryan Imata of the Commission staff at 587-0255.

Sincerely,

[Signature]

LAURA H. THEILEN
Chairperson

Enclosure

c: North Shore Macadamia (with applicable comments – DOH SDWB, WWB, CWB)
Dole Food Co. (with applicable comments – DOH SDWB, WWB, CWB)
USGS
Honolulu BWS
PUMP INSTALLATION PERMIT
Paty Well, Well No. 3307-26

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 Paty Well (Well No. 3307-26) at TMK 6-7-002:004, Oahu, 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 10 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/cwrm.

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: January 23, 2008
Expiration Date: January 23, 2010

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 #: C-24947 Date: ________________________________

Printed Name: Tracie Sober Firm or Title: Valley Well Drilling

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

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<th>Value</th>
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<tr>
<td>Well Name</td>
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<td>Cement Grout</td>
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<td>Solid Casing Wall Thickness</td>
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<tr>
<td>Open Casing Length</td>
<td>60</td>
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</tbody>
</table>

### Results

#### Well Depth

- Theoretical Thickness of Aquifer: 820
- 1/4 Aquifer Thickness: 205
- Depth of Well below Sea Level: -20 okay

#### Well Casing

- Minimum Wall Thickness
  - Material: pvc plastic
  - Minimum Thickness per standards: no requirement
  - Wall Thickness Provided: 0.256 too small
- Minimum Length of Solid Casing: 180
- 90% of ground to top of aquifer: 180
- Length of solid casing Provided: 180 okay
- Casing Material: Schedule 40
- (for pvc only - check for 200' limit) in compliance too deep for plastic

#### Annular Space

- Depth of Grouting: 140
- Depth of Grouting provided: 150 okay
- Minimum Annular Space required: 1.5
- Thickness of Annular Space: 2.5 okay
FROM: Laura H. Thielen, Chairperson  
Commission on Water Resource Management  
SUBJECT: Well Construction/Pump Installation Permit Application  
Paty Well (Well No. 3307-26)  

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 January 23, 2008. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.  

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

RI:  
Attachment(s)  

RESPONSE: UIC: Condition #4. Well 101CH  

[Details of the permit application and conditions are described in the document.]  

Contact Person: MICHAEL M. CHUNA  
Phone:  
Signed:  
Date: 1/8/08
CWRM Application Source: Paty Well  
(State Well No. 3307-26)

Safe Drinking Water Branch Engineering Section

See attached private water wells information sheet.

Underground Injection Control (UIC)

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

Questions about UIC may be directed to Chauncey Hew at 586-4258.

CWRM Well Application Standard Comments (SDWB)  
Vers. 6/1/07
WARNING! As the owner of a privately-owned well, you should **NOT** assume that water from your well is safe for consumption. It is your responsibility to make sure that your well water is safe to drink. The only way to do this is to have your well regularly tested for bacteriological and chemical contaminants.

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

**U.S. Environmental Protection Agency (EPA) Recommendations**

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

**Other Contaminants**

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

**Laboratories**

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

**Results**

Once the lab provides you with the test results, you will be in a better position to determine if your well water is safe to drink or what contaminant you need to treat for. Generally, you should compare the results with Federal ([www.epa.gov/safewater/mcl.html](http://www.epa.gov/safewater/mcl.html)) and State ([www.hawaii.gov/health/environmental/water/sdwb/sdwb/pdf/State%20MCL.pdf](http://www.hawaii.gov/health/environmental/water/sdwb/sdwb/pdf/State%20MCL.pdf)) drinking water standards. Where your test results are greater than the State or Federal maximum contaminant levels, your well water should be considered as **unsafe** for consumption.
In reply, please refer to:
EMD/WB

Wastewater Branch
919 Ala Moana Blvd. Room 309
Honolulu, Hawaii 96814-4920
Phone (808) 586-4294  Fax (808) 586-4300

STATE MESSENER DELIVERY

Date:  12/20/07

To:  Commission on Water Resource Management
Department of Land & Natural Resources
State of Hawaii

Attn:  Ryan Iimata  Happy New Year!

From:  Lori Morikami, Planner
Planning & Design Section

Subject:  Well Construction/Pump Installation Permit/Water Use Permit for

Well No.  3306-24  NSLF II
Well No.  3307-26  Petty Well

Well No.  
Well No.  

Please find enclosed the application of the above subject project.

STATE MESSENER DELIVERY
December 21, 2007

TO: Honorable Chiyome L. Fukino, M.D., Director
Department of Health
Attention: Director's Office
  Marshall Lee, Wastewater Branch
  Stuart Yamada, Safe Drinking Water Branch
  Alec Wong, Clean Water Branch

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

SUBJECT: Well Construction/Pump Installation Permit Application
Paty Well (Well No. 3307-26)

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 January 23, 2008. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

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

RESPONSE:

[ ] This well qualifies as a source which will serve as a source of potable water to a public water system (defined as serving 25 or more people at least 60 days per year or has 15 or more service connections) and must receive Director of Health approval prior to its use to comply with Hawaii Administrative Rules (HAR), Title 11, Chapter 20, Rules Relating to Potable Water Systems, §11-20-29.

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

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

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

[ ] For the applicant's information, a source of possible wastewater contamination is not located near the proposed well site (information attached).

[ ] An NPDES permit is required.

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

[ ] 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: Johnny Ong
Phone: 586-4294

Signed: Chi Morigami
Date: 12-27-2007
Property Owner: Waialua Ranch Partners
Address: 67-174 Farrington Hwy
Tax Map Key: 6-7-2:4
Lot No.: —
Island: Oahu
City: Waialua
District: Waialua
Builder or Contractor: RT & MK Associates (David Kumagai) - Koga Engineering
Intended For: Dwelling
Primary: —
Secondary: —
Other: —
Distance From Building: 51 ft
Boundary: —
Stream, Well, Body of Water, Etc.: —
Diameter (Clear) Ft.: 6
Depth-Ft.: 24
Capacity (Gal.): 5076
No. Ft. Down to Water Table: —
Ground Slope: —
Soil Profile (Starting from Surface): n/a
Type of Wall or Curb: Hollow tile lined with rubber blander
Reinforced Concrete Cover: Yes
Distance from Finished Ground to Top of Cover (Ft.): —
Date Certificate Issued: —
Date Approved: March 14, 1986
Sanitarian: Sidney Po.
REMARKS

Cesspool lined with reinforced rubber bladder.

Leak tested:
3/12/76 filled with water to within 3 1/2" of cover.
3/14/76 no change in height of water.
An individual wastewater system (IWS) 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 IWS such as a septic tank/aerobic unit was constructed and authorized to be used for wastewater disposal from a building/dwelling.

**General Information: Application Information**

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<th>Permit ID</th>
<th>IWS type</th>
<th>IWS Liquid Volume (gal)</th>
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<tr>
<td>2089</td>
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<td>67-7290 fannington</td>
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**Engineer Reviewed**

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**Plan Approved**

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**Site Information: Property Owner & Dwelling Information**

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**IWS System Information: Septic Tank Information**

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For further information, please feel free to call the Wastewater Branch engineer as listed:

- Johnny Ong, Oahu, Wastewater Branch (808) 586-4294  Fax 586-4300
- Roland Tejano, Maui, Maui District Health Office (808) 984-8232  Fax 984-8237
- Dane Hiromasa, Kona, Kealakekua Health Center (808) 322-1963  Fax 322-1511
- Jerry Nunogawa, Hilo, Hawaii District Health Office (808) 933-0401  Fax 933-0400
- Lori Vetter, Kauai, Kauai District Health Office (808) 241-3323  Fax 241-3566
INDIVIDUAL WASTEWATER SYSTEM (IWS) PROFILE

An individual wastewater system (IWS) 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 IWS such as a septic tank/aerobic unit was constructed and authorized to be used for wastewater disposal from a building/dwelling.

**General Information: Application Information**

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<td>Engineer</td>
<td>Hide Okamoto, Assoc</td>
<td>Reviewed</td>
<td>7/15/1998</td>
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**Site Information: Property Owner & Dwelling Information**

First Name | International |
---|---|
Last Name | Pioneer Hiboued |

Lot Size | Dwelling Type |
---|---|
Total Bdrms | Bldg Type |
Flow Rate | |

**IWS System Information: Septic Tank Information**

Septic Tank Liquid Volume (gal) | Manufacturer |
---|---|
6" Inspection Port(s) to Grade | Disposal Type |

For further information, please feel free to call the Wastewater Branch engineer as listed:

[ ] Johnny Ong, Oahu, Wastewater Branch (808) 586-4294  Fax 586-4300
[ ] Roland Tejano, Maui, Maui District Health Office (808) 984-8232  Fax 984-8237
[ ] Dane Hiromasa, Kona, Kealakekua Health Center (808) 322-1963  Fax 322-1511
[ ] Jerry Nunogawa, Hilo, Hawaii District Health Office (808) 933-0401  Fax 933-0400
[ ] Lori Vetter, Kauai, Kauai District Health Office (808) 241-3323  Fax 241-3566
December 21, 2007

TO: Honorable Chiyoue L. Fukino, M.D., Director
Department of Health
Attention: Director’s Office
Marshall Lee, Wastewater Branch
Stuart Yamada, Safe Drinking Water Branch
Alec Wong, Clean Water Branch

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

SUBJECT: Well Construction/Pump Installation Permit Application
Pay Well (Well No. 3207-26)

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 January 23, 2008. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Ryan Imata of the Commission staff at 808-629-0255.

RI: ss
Attachment(s)

RESPONSE:

[ ] This well qualifies as a source which will serve as a source of pipable water to a public water system (defined as serving 20 or more people at least 60 days per year or has 15 or more service connections) and must receive Department of Health approval prior to its use to comply with Hawaii Administrative Rules (HAR), Title 11, Chapter 20, Rules Relating to Potable Water Systems, g11-1002.

[ ] 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 pipable and non-pipable purposes in a single system, the user shall eliminate cross-connections and backflow connections by physically separating pipable and non-pipable systems by an air gap or an approved backflow preventer, and by clearly labeling all non-pipable pipes with warning signs to prevent inadvertent consumption of non-pipable 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, our division considers the comments to still be applicable, and we do not need to review the new location.

[ ] No comments/objections.

Contact Person: Joanna L. Seab Phone: 808-480-5

Signed: Joanna L. Seab Date: 12/27/07
The Department of Health, Clean Water Branch (CWB) has the following comments:

1. For Well-Drilling Activities

Any discharge to State waters of treated process wastewater effluent associated with well drilling activities is regulated by Hawaii Administrative Rules, Title 11, Chapter 55, Appendix I, effective October 22, 2007. Treated process wastewater effluent covered by this general permit includes well drilling slurries, lubricating fluids wastewater, and well purge wastewater. This general permit does not cover well pump testing. The applicable Notice of Intent (NOI) Forms and filing fee shall be submitted at least thirty (30) calendar days before the start of discharge to the:

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

The CWB-NOI Forms are available online at http://www.hawaii.gov/health/environmental/water/cleanwater/forms/genl-index.html.
Inquiries may be directed to the CWB at (808) 586-4309 or by fax (808)-586-4352.

2. For Well Pump Testing

The discharger shall take all measures necessary to prevent the discharge of pollutants from entering State waters. Such measures shall include, if necessary, containment of initial discharge until the discharge is essentially free of pollutants. If the discharge is entering a stream or river bed, best management practices shall be implemented to prevent the discharge from disturbing the clarity of the receiving water. If the discharge is entering a storm drain, the discharger must obtain written permission from the owner of the storm drain prior to discharge. Furthermore, best management practices shall be implemented to prevent the discharge from collecting sediments and other pollutants prior to entering the storm drain.
December 21, 2007

TO: Morris Atta, Acting Administrator
   Land Division

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

SUBJECT: Well Construction/Pump Installation Permit Application
         Party Well (Well No. 3307-26) TMK 6-7-002:004

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 January 23, 2008. If we do not receive comments or a request for additional review time by this date, we will assume you have no comments.

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

RESPONSE:

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

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

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

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

[ ] No objections

☒ Other comments: Original source of private title is Grant 463 issued prior to statehood.

Contact Person: Gary Martin  Phone: 587-0421

Signed: Gary Martin  Date: DEC 27 2007
COMMISSION ON WATER RESOURCE MANAGEMENT
ROUTE SLIP FOR NEW APPLICATIONS

FROM: Ryan
DATE: 29-Nov-07
SUSPENSE DATE: 6-Dec-07

TO: CHING, F.
INIT: 
FOR: NAKAMA, L.
INIT: 

TO: FUJI, N.
INIT: 
FOR: NAKANO, D.
INIT: 

TO: GOODING, K.
INIT: 
FOR: OHYE, M.
INIT: 

TO: HARDY, R.
INIT: 
FOR: SAKODA, E.
INIT: 

TO: HIGA, D.
INIT: 
FOR: SWANSON, S.
INIT: 

TO: HOAGBIN, S.
INIT: 
FOR: UYENO, D.
INIT: 

TO: ICE, C.
INIT: 
FOR: YODA, K.
INIT: 

TO: IMATA, R.
INIT: 
FOR: YOSHINAGA, M.
INIT: 

TO: KUNIMURA, I.
INIT: 
FOR: 
INIT: 

PLEASE:

1. Approval
2. Signatures
3. Information

See Me
Review & Comment
Take Action
Type Draft acknow letter
Type Final w/elec.signat., label file folder
File
Xerox copies

WELL NUMBER 3901-70 WELL NAME Paty

☐ WELL CONSTRUCTION ☐ PUMP INSTALLATION ☑ BOTH

ATTACHMENTS FOR APPLICATION PROCESSING - Both applicant & staff generated

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

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

INCOMPLETE ACTION DATES:

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follow up expiration letters?
Ms. Tracie Sober  
Valley Well Drilling LLC  
91-458 Komohana Street  
Kapolei, HI 96707

Dear Ms. Sober:

Well Construction/Pump Installation Permit Application for Well No. 3307-26

We acknowledge receipt, on November 15, 2007, of your completed Well Construction/Pump Installation permit application and filing fee for the Paty Well (Well No. 3307-26). You can expect your application to be processed within ninety (90) days from this date.

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

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

If you have any questions about your permit application, please contact Ryan Imata of the Commission staff at 587-0255.

Sincerely,

KEN C. KAHAHARA, P.E.
Deputy Director

RI:ss
Attachment

c: Randy Paty  
Dole Food Co.
TO: Honorable Chiyome L. Fukino, M.D., Director  
Department of Health  
Attention: Director’s Office  
Marshall Lee, Wastewater Branch  
Stuart Yamada, Safe Drinking Water Branch  
Alec Wong, Clean Water Branch

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

SUBJECT: Well Construction/Pump Installation Permit Application  
Paty Well (Well No. 3307-26)

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 January 23, 2008. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

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

RI:ss  
Attachment(s)

RESPONSE:

This well qualifies as a source which will serve as a source of potable water to a public water system (defined as serving 25 or more people at least 60 days per year or has 15 or more service connections) and must receive Director of Health approval prior to its use to comply with Hawaii Administrative Rules (HAR), Title 11, Chapter 20, Rules Relating to Potable Water Systems, §§11-20-29.

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

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

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

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

An NPDES permit is required.

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

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: ___________________________
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 January 23, 2008.** If we do not receive comments or a request for additional review time by this date, we will assume you have no comments.

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

RI:ss
Attachment(s)

RESPONSE:

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

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

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

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

[ ] No objections

[ ] Other comments:

Contact Person: ___________________________ Phone: ______________

Signed: ___________________________ Date: ______________
TO: Nancy McMahon, Acting Archaeology Branch Chief  
Historic Preservation

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

SUBJECT: Well Construction/Pump Installation Permit Application  
Paty Well (Well No. 3307-26) TMK: 6-7-002:004

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 January 23, 2008. If we do not receive comments or a request for additional review time by this date, we will assume you have no comments.

Please find the attached maps to locate the proposed well. If you have any questions about this permit application or request additional review time, please contact Ryan Imata of the Commission staff at 587-0255. If you require additional information regarding specific information that can be provided by the applicant, please contact the applicant directly at the contact information provided on the application form.

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: ____________________________
December 21, 2007

Mr. Clifford Lum, Manager and Chief Engineer
Board of Water Supply
City and County of Honolulu
630 South Beretania Street
Honolulu, HI 96843

Dear Mr. Lum:

Well Construction/Pump Installation Permit Review
Well Construction/Pump Installation Permit Application
Paty Well (Well No. 3307-26)

Transmitted for your review and comment is a copy of the captioned Well Construction/Pump Installation permit application. If you have any comments on this application, please submit them by January 23, 2008. If we do not receive comments we will assume you have no comments.

If you have any questions about this permit application, please contact Ryan Imata of the Commission staff at 587-0255.

Sincerely,

LAURA H. THIELEN
Chairperson

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**Click here to enter search criteria for prior complaints history ->**

For prior complaints and disciplinary history, contact licensing and business information center at (808) 587-3295.

License information on this site reflects information in the Professional and Vocational Licensing Division as of December 14, 2007; however, applications and forms are subject to standard processing time, and the information here does not reflect pending changes which are being reviewed. The site is updated daily, Monday through Friday, except holidays. The State of Hawaii makes no guarantees as to the accuracy of the information accessed, the timeliness of the delivery of transactions, delivery to the correct party, preservation of the privacy and security of users and makes no warranties, including warranty of merchantability and fitness for particular purpose. User is advised that if the information obtained herein is to be reasonably relied upon, user should confirm the accuracy of such information with the provider thereof.

http://pvl.ehawaii.gov/pvlsearch/app?_a=d&_f=n&lictp=CT&licno=24947&off=&nm=V... 12/14/2007
**Assessed Values reflect tax year 2007.**

**Search criteria: TMK Taxkey 1-6-7-2-4**

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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.

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REMARKS: LINE (1) TMK: 2-8-004:076 (Ronald & Jason Pitts)
LINE (2) Paty Well
LINE (3) 
LINE (4) 
LINE (5) 
LINE (6) 
LINE (7) 
LINE (8) 
LINE (9) 
LINE (10)
Proposed
well
site
STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
COMMISSION ON WATER RESOURCE MANAGEMENT  
APPLICATION FOR A WELL CONSTRUCTION / PUMP INSTALLATION PERMIT

Instructions: Please print in ink or type and send completed application with attachments to the Commission on Water Resource Management, P.O. Box 621, Honolulu, Hawaii 86009. Application must be accompanied by 10 copies and a non-refundable filing fee of $25.00 payable to the Dept. of Land and Natural Resources. The Commission may not accept incomplete applications. For assistance, call the Regulation Branch at 587-0225. For further information and updates to this application form, visit http://www.hawaii.gov/dlnr/cwrm.

Well Operator’s Phone: 339-9698  
Well Operator’s Fax: 836-7555  
Well Operator’s E-mail:  
Landowner’s Phone: 671-3200  
Landowner’s Fax:  
Landowner’s E-mail: 

PROPOSED PUMP INSTALLATION

13. Method of flow measurement  
F Water  
F Other (explain) 

PROPOSED WELL CONSTRUCTION

10. Proposed Work  
F Install New Pump  
F Replace Pump  

11. Proposed Pumping Rate, gpm (gallons per minute)  
10  

12. Proposed Amount of Withdrawal, gpd (gallons per day)  
500  

NOTICE: Signing below indicates that the signatories understand and swear that the information provided is accurate and true to the best of their knowledge.

Signature Print Date  

NOTE: Signing below indicates that the signatories understand and swear that the information provided is accurate and true to the best of their knowledge.

Signature Print Date  

For Official Use Only

07 NOV 15  A7:57  

COMMISSION ON WATER RESOURCE MANAGEMENT

For Official Use Only

PROPOSED USE

15. Municipal (water systems serving greater than 25 individuals or 15 service connections)  
16. Domestic  
Number of units to be served: 

17. Industrial (describe)  
18. Irrigation (describe crop and no. of acres)  
19. Military (describe)  
20. Other (describe)  

OTHER LEGAL REQUIREMENTS

21. Conservation District Use Permit (CDUP)  
F Well is in Conservation District  
F Required, CDUP #  
F Date approved: 
F Not Required (attach documentation from CDP)  
F I have not checked with CDUP about whether or not a CDUP is required. I understand that checking with CDUP prior to making this application will expedite my review. I further understand that issues raised by this agency may delay or result in denial of the permit issuance, or revocation of the permit after it is issued.  
F Well is not in Conservation District  
F I have not checked if well is in or out of Conservation District. I understand that checking if the well is in a Conservation District may expedite my review. I further understand that issues raised may delay or result in denial of the permit issuance, or revocation of the permit after it is issued.  

22. Special Management Area Permit (SMAP)  
F Required, SMAP #  
F Date approved: 
F Not Required (attach documentation from applicable County agency)  
F I have not checked with the County about whether or not an SMAP Permit is required. I understand that checking with the County prior to making this application may expedite my review. I further understand that issues raised by this agency may delay or result in denial of the permit issuance, or revocation of the permit after it is issued.  

23. State Historic Preservation Division (SHPO) of the Department of Land and Natural Resources  
F I have consulted with the HPD regarding potential impacts of well construction activities on historic sites. I have attached applicable documentation from the HPD.  
F I have not consulted with the HPD regarding potential impacts of well construction activities on historic sites. I understand that checking with the HPD prior to making this application may expedite my review. I further understand that issues raised by this agency may delay or result in denial of the permit issuance, or revocation of the permit after it is issued.  

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

WP1 Application Form 02/26/2007
PROPOSED WELL SECTION
(please attach schematic if different from diagram provided below)

Hole Diameter: ______ in.
Elevation at top of casing 242 ft., msl*

Minimum of 2' Radius & 4" Thick Concrete Pad (to contain benchmark surveyed to nearest 0.01 ft.)
Ground Elevation: 220 ft., msl*

Grouting method:
✓ Positive displacement
☐ Other

Annular space between hole and casing (1.5" for positive displacement. 3" for other methods):
2 5/8 in.

Solid Casing: (> 0.90 x (Ground Elev-Water Level Elev))
Total Length: 130 ft.
Nominal Diameter: ______ in.
Wall Thickness: 0.258 in.
Bottom Elevation: 40 ft., msl*

Open Casing: ✓ Perforated
☐ Screen
Total Length: ______ ft.
Nominal Diameter: ______ in.
Wall Thickness: ______ in.
Bottom Elevation: ______ ft., msl*

Note: Neither bentonite nor mud should be used in saturated zone during drilling.

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 + 1/4 x Water Level Elev.)

Example: Estimated + 2 ft. Water Level Elev. → Bottom Elevation of Well Limit = (2 + 41 x Water Level Elev.) = 18.5 ft.

Solid Casing Material:
Carbon Steel: compliant with (check one or more):
☐ ANSI/AWWA C200
☐ API Spec. 5L
☐ ASTM A53
☐ ASTM A139
Stainless Steel: (check one):
☐ ASTM 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 F490 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 C960
☐ PTFE Fluorocarbon Tubing conforming to ASTM D3296
☐ FEP Fluorocarbon Tubing conforming to ASTM D3296

Open Casing Material:
Carbon Steel: compliant with (check one or more):
☐ ANSI/AWWA C200
☐ API Spec. 5L
☐ ASTM A53
☐ ASTM A139
Stainless Steel: (check one):
☐ ASTM A409 (production wells)
☐ ASTM A312 (monitor wells)
ABS Plastic conforming to ASTM F480 and ASTM D1527: (check one):
☐ Schedule 40
☐ Schedule 80
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☐ PTFE Fluorocarbon Tubing conforming to ASTM D3296
☐ FEP Fluorocarbon Tubing conforming to ASTM D3296

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

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

WCPI Application Form 02/26/2007

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

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

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**Note:** The content above is a structured representation of the document, with key sections and diagrams transcribed into a clear, readable format. This format allows for easier comprehension and reference, especially when comparing with digital or visual representations. The document details specifications for well construction, including materials, elevations, and installation standards, ensuring compliance with regulatory requirements.