Search results for TMK Taxkey 4-5-3-4-14

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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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WELL CONSTRUCTION PERMIT

Kalihiwai-Fischer Well, Well No. 1326-04

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 Kalihiwai-Fischer Well (Well No. 1326-04) at TMK (4)S-3-004:014, Kauai, 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 §13-168-13, Hawaii Administrative Rules (HAR).

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

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

4. In basal ground water, the depth of the well may not exceed one-fourth (1/4) of the theoretical thickness (41 times initial head) of the basal ground water unless otherwise authorized by the Chairperson. If it can be shown that the well does not tap basal ground water then this condition may be waived after consultation with and acceptance by Commission staff. However, in no instance can the well be drilled deeper than one-half (1/2) of the theoretical thickness without Commission approval.

5. The permittee shall incorporate mitigation measures to prevent construction debris from entering the aquatic environment, to schedule work to avoid periods of high rainfall, and to revegetate any cleared areas as soon as possible.

6. In the event that historically significant remains such as artifacts, burials or concentrations of shells or charcoal are encountered during construction, the permittee shall report and immediately contact the Chairperson and 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/dlnr/cwrm/resources_permits.htm for current form).

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

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

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

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

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

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

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

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

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

Date of Approval: December 20, 2010
Expiration Date: December 20, 2012

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-29578  Date: 4-29-11
Printed Name: ___________________________________  Firm or Title: KAHU WATER WELL DRILLING

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

Attachment
April 28, 2011

Mr. Michael Lluellen
Kauai Water Well
P.O. Box 431
Anahola, HI 96703

Dear Mr. Lluellen:

Pump Installation Permit Transfer
Kalihiwai-Fischer Well (Well No. 1326-04)

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 transferring this permit from contractor license C-24947 to C-29578. As part of the Chairperson's approval, the following special conditions were added and are part of your permit under Permit Condition 14:

**Special Conditions**

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

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

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

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

If you have any questions, please call Charley Ice of the Commission staff at 587-0218 or toll-free at 274-3141 (Kauai), extension 70218.

Sincerely,

WILLIAM J. AILA, JR.
Chairperson

Enclosure

c: Gary Fischer (with applicable comments – DOH WWB, CWB)
PUMP INSTALLATION PERMIT

Kaliihiwai-Fischer Well, Well No. 1326-04

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

In accordance with Department of Land and Natural Resources, Commission on Water Resource Management's Administrative Rules, Section 13-168, entitled "Water Use, Wells, and Stream Diversion Works", this document permits the pump installation for Kaliihiwai-Fischer Well (Well No. 1326-04) at TMK (4) 5-3-004:014, Kauai, subject to the Hawaii Well Construction & Pump Installation Standards (HWCPIS - February 2004) which include but are not limited to the following conditions:

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

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

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

4. The pump installation permit shall be for installation of a 40 gpm rated capacity, or less, pump in the well. This permanent capacity may be reduced in the event that the pump test data does not support the capacity.

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

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

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

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

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

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

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

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

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

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

Date of Approval: December 20, 2010
Expiration Date: December 20, 2012

WILLIAM J. AILA, JR., Chairperson
Commission on Water Resource Management

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

Installer’s Signature: __________________________ C-57, C-57a, or A License #: C-29578 Date: ________________

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

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

Attachments
Mr. Michael Lluellen  
Kauai Water Well  
P.O. Box 431  
Anahola, HI 96703

Dear Mr. Lluellen:

Well Construction Permit Transfer  
Kalihiwai-Fischer Well (Well No. 1326-04)

Enclosed are two (2) copies of your approved Well Construction Permit for the captioned well(s) that authorize well construction activities but excludes installation work for a permanent pump, as part of transferring this permit from contractor license C-24947 to C-29578. As part of the Chairperson’s approval, the following special conditions were added and are part of your permit under Permit Condition 17:

Special Conditions

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

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

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

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

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

If you have any questions, please call Charley Ice of the Commission staff at 587-0218 or toll-free at 274-3141 (Kauai), extension 70218.

Sincerely,

WILLIAM J. AILA, JR.  
Chairperson

Enclosures

c: Gary Fischer (with applicable comments – DOH WWB, CWB)
WELL CONSTRUCTION PERMIT

Kaliihiwai-Fischer Well, Well No. 1326-04

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 Kaliihiwai-Fischer Well (Well No. 1326-04) at TMK (4)5-3-004:014, Kauai, subject to the Hawaii Well Construction & Pump Installation Standards (HWCPIS - February 2004) which include but are not limited to the following conditions:

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

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

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

4. In basalt ground water, the depth of the well may not exceed one-fourth (1/4) of the theoretical thickness (41 feet initial head) of the basalt ground water unless authorized by the Chairperson. If it can be shown that the well does not tap basalt ground water then this condition may be waived after consultation with and acceptance by Commission staff. However, in no instance can the well be drilled deeper than one-half (1/2) of the theoretical thickness without Commission approval.

5. The permittee shall incorporate mitigation measures to prevent construction debris from entering the aquatic environment, to schedule work to avoid periods of high rainfall, and to revegetate any cleared areas as soon as possible.

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

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

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

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

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

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

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

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

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

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

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

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

Date of Approval: December 20, 2010

Expiration Date: December 20, 2012

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-29578 Date: ___________________________

Printed Name: Tracie Sober Firm or Title: LLC

Valley Well Drilling.

Please sign both copies of this permit, return one copy to the Commission office, and retain the other for your records.
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<th>Driller</th>
<th>Pump Inst.</th>
<th>Type</th>
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Well Background Check

- Received: long bi, depth?
- Depth was recertified. I've asked twice for a new sketch to identify well site consistent with corroboration of earth image location (GPS ok).
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT
APPLICATION FOR A WELL CONSTRUCTION / PUMP INSTALLATION PERMIT

APPLICATION FOR A WELL CONSTRUCTION / PUMP INSTALLATION PERMIT

State: KAUAI
Well Address: KAHIKALI FISHER
KALUAI
18.5-3-2-4-0-14

WELL LOCATION INFORMATION

STATE, COUNTY, TOWN
1. STATE KAHIKALI FISHER
2. COUNTY KALUAI
3. TOWN 18.5-3-2-4-0-14

4. LAND OWNER'S NAME

KALUAI LAND COMPANY

5. LAND OWNER'S CONTACT

BABY FISHER
SOUTH AS UNIDENTIFIED

Well Operator's Mailing Address
PO. BOX 817 MANAOLE, HI 96714

Land Owner's E-mail

6. PROPOSED WELL CONSTRUCTION

7. PROPOSED PUMP INSTALLATION

8. Construction Type

9. Drilled

10. Plat Date

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

12. Proposed Well Location

13. Proposed Well Depth

14. Proposed Amount of Withdrawal (gallons per day)

15. Method of Water Measurement

16. Proposed Well Diameter

17. Method of Pump Measurement

18. Other (explain)

Proposed Use

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

REPLACED

OTHER LEGAL REQUIREMENTS: If required, items 21, 22, and 23 must be obtained before the Commission can legally issue a permit

21. Conservation District Use Permit (CDUP)

■ Well is in Conservation District

Required, C D U P a date approved

■ Required, C D U P a date approved

■ Required, C D U P a date approved

■ Well is not in Conservation District

22. Water Supply District (if applies)

■ District, Permit a date approved

■ District, Permit a date approved

■ District, Permit a date approved

23. Water Supply District Permit (WSDP)

Required, Permit a date approved

■ Required, Permit a date approved

■ Required, Permit a date approved

24. State Historic Preservation Division (SHPD) of the Department of Land and Natural Resources

■ I have not consulted with the SHPD regarding potential impacts of well construction activities on historic sites. I have attached applicable documentation from the SHPD.

■ I have not consulted with the SHPD regarding potential impacts of well construction activities on historic sites. I have attached applicable documentation from the SHPD.

25. Water Use Permit no. (if applicable)

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

NOTE: Signing below indicates that the signatures understand and agree that the information provided is accurate and true to the best of their knowledge. Further, the signatures understand that upon permit approval, 1) the proposed work is to be completed within two (2) years of the approval date; 2) the commissioned report is to be submitted within sixty (60) days after the completion date of the permitted work; 3) in the event the application is not completed correctly, any permit may be suspended until the item is brought in to compliance, and any work done while the permit is in effect is presumed to be in compliance with a properly issued permit.

Signature: KALUAI WATER WELL C-29578
Michael Yamauchi 4-4-11

Address: 91-1453 KANAIHOU ST. KAPAA, HI 96746

Phone: 827-1342 827-1342

Fax: 827-1342 827-1342

WCHR Application Form: 05/23/2009

Thank you

KALUAI WATER WELL C-29578
Michael Yamauchi 4-4-11

Address: 91-1453 KANAIHOU ST. KAPAA, HI 96746

Phone: 827-1342 827-1342

Fax: 827-1342 827-1342

WCHR Application Form: 05/23/2009

Thank you

1326-04
PROPOSED WELL SECTION (Please attach schematic if different from diagram provided below)

HAWAII WELL CONSTRUCTION AND PUMP INSTALLATION STANDARDS

- **Ground Elevation:** 10 ft.
- **Minimum of 2 ft Radius:** 0.5 ft
- **Proximity Elevation:** 0.6 ft

**Groundwater Level:**

- **Total Depth:** 63 ft
- **Rock or Gravel Packing:**
  - Material: Crushed gravel
  - Diameter: 0.6 ft
  - Elevation: 5 ft

**Solid Casing:**

- **Total Length:** 74 ft
- **Nominal Diameter:** 6 in
- **Wall Thickness:** 0.375 in
- **Bottom Elevation:** 0.6 ft

**Open Casing:**

- **Perforated:**
- **Total Length:** 10 ft
- **Nominal Diameter:** 6 in
- **Wall Thickness:** 0.270 in
- **Bottom Elevation:** -3 ft

Note: Neither bantons nor mud should be used in activated zone during setting

**Solid casing material:**

- Carbon steel: compliant with (check one or more):
  - ASTM A242 or A502
  - Type E
  - Type S
  - Grade B
  - Other
- Stainless steel: compliant with (check one or more):
  - ASTM A495 (painted wells)
  - ASTM A521 (monitor wells)
- PVC plastic: complies with ASTM F490 and ASTM D1598 (check one):
  - Schedule 40
  - Schedule 80
  - Schedule 125
- Thermoplastic: compliant with:
  - Plastisol-Resin Pipe conforming to ASTM D2997
  - Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D3087
  - Glass Fiber Reinforced Plastic Pipe conforming to ANSI C600
  - PTFE Fluorocarbon Tubing conforming to ASTM D2596
  - FEP Fluorocarbon Tubing conforming to ASTM D2596

**Open casing material:**

- Carbon steel: compliant with (check one or more):
  - ASTM A242 or A502
  - Type E
  - Type S
  - Grade B
  - Other
- Stainless steel: compliant with (check one or more):
  - ASTM A495 (painted wells)
  - ASTM A521 (monitor wells)
- ABS plastic: complies with ASTM F490 and ASTM D1598 (check one):
  - Schedule 40
  - Schedule 80
- Thermoplastic: compliant with:
  - Plastisol-Resin Pipe conforming to ASTM D2997
  - Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D3087
  - Glass Fiber Reinforced Plastic Pipe conforming to ANSI C600
  - PTFE Fluorocarbon Tubing conforming to ASTM D2596
  - FEP Fluorocarbon Tubing conforming to ASTM D2596

**Recommended Elevation (Please refer to the Hawaii Well Construction and Pump Installation Standards to ensure that your well is in compliance with applicable standards).**

*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 benchmarks which have been established by a surveyor licensed by the State.*

For non-steel well casing - bottom elevation of well shall not be deeper than 1/4 of another thickness or:

- **Bottom Elevation of Well Limit:** (Water Elevation - 0.5 x Total Well Elevation)

Example: Estimated 2 ft Water Level Box: **Before Elevation of Well Limit = (2 - 0.5 x 2) = 1.5 ft**

**Solid casing material:**

- Carbon steel: compliant with (check one or more):
  - ASTM A242 or A502
  - Type E
  - Type S
  - Grade B
  - Other
- Stainless steel: compliant with (check one or more):
  - ASTM A495 (painted wells)
  - ASTM A521 (monitor wells)
- PVC plastic: complies with ASTM F490 and ASTM D1598 (check one):
  - Schedule 40
  - Schedule 80
  - Schedule 125
- Thermoplastic: compliant with:
  - Plastisol-Resin Pipe conforming to ASTM D2997
  - Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D3087
  - Glass Fiber Reinforced Plastic Pipe conforming to ANSI C600
  - PTFE Fluorocarbon Tubing conforming to ASTM D2596
  - FEP Fluorocarbon Tubing conforming to ASTM D2596

**Open casing material:**

- Carbon steel: compliant with (check one or more):
  - ASTM A242 or A502
  - Type E
  - Type S
  - Grade B
  - Other
- Stainless steel: compliant with (check one or more):
  - ASTM A495 (painted wells)
  - ASTM A521 (monitor wells)
- ABS plastic: complies with ASTM F490 and ASTM D1598 (check one):
  - Schedule 40
  - Schedule 80
- Thermoplastic: compliant with:
  - Plastisol-Resin Pipe conforming to ASTM D2997
  - Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D3087
  - Glass Fiber Reinforced Plastic Pipe conforming to ANSI C600
  - PTFE Fluorocarbon Tubing conforming to ASTM D2596
  - FEP Fluorocarbon Tubing conforming to ASTM D2596

**Recommended Elevation (Please refer to the Hawaii Well Construction and Pump Installation Standards to ensure that your well is in compliance with applicable standards).**

*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 benchmarks which have been established by a surveyor licensed by the State.*

For non-steel well casing - bottom elevation of well shall not be deeper than 1/4 of another thickness or:

- **Bottom Elevation of Well Limit:** (Water Elevation - 0.5 x Total Well Elevation)

Example: Estimated 2 ft Water Level Box: **Before Elevation of Well Limit = (2 - 0.5 x 2) = 1.5 ft**
Hi Charley, I am having Shook Luellen dba Kauai Water well PO Box 431 Anahola, HI 96703 808-651-9165 C-29578, drill the well on this permit. I have the permits. I do not have the origin application that was sent in by Tracie Sober of Valley Well Drilling. If you have a copy you can supply me to have Shook sign that will be very much appreciated.

Thank you
Gary Fischer

Aloha Charley, because of mechanical failure Valley Well Drilling is unable to drill my well. I would like to have Shook, Kauai Water Well drill it for me. Can you tell me what I need to do to change contractors?

Thank you very much
Gary Fischer
808-639-0521

From: Charley.F.Ice@hawaii.gov [mailto:Charley.F.Ice@hawaii.gov]
Sent: Wednesday, January 05, 2011 9:58 AM
To: TIKI
Cc: 'Tracie Sober'
Subject: Re: Fischer well no. 1326-04 - letter to state from county 11-29-2010

Yes, the permits have been sent for finalizing, should go out this week Friday, maybe Monday. People have been on vacation, so we're doing a little catch-up.
Aloha, Have you received what you need from planning department to complete this permit?

Thanks Gary Fischer

From: Charley.F.Ice@hawaii.gov [mailto:Charley.F.Ice@hawaii.gov]
Sent: Tuesday, December 21, 2010 3:37 PM
To: Lisa Ellen Smith
Cc: Dale Cua; TIKI; Ian Costa
Subject: RE: FW: FW: Fischer well no. 1326-04 -letter to state from county 11-29-2010

Right! The map image sent by TIKI also shows the same relation of parcel to SMA boundary. I think we're clear (I've asked for a map citation for future purposes). Now I guess we need your re-transmitted comment ("[ ] does not require an SMA"). Thanks very much -- and sorry for a bit of a run-around. Sometimes things get tripped up by such details!

I'm prepared to send the permits ASA...

Lisa Ellen Smith <ismith@kauai.gov>

12/21/2010 03:21 PM

Dear Charley/Mr. Fischer,

I went back to the legally adopted SMA maps of record (photocopies attached) and drawn an arrow to Mr. Fischer's TMK - based on this map - the parcel (4) 5-3-004:014 is NOT within the SMA.

The TMK given by Mr. Fischer, originally, 4-5-004-014 did not contain the correct numbers identifying Section as 3.

LE

From: Charley.F.Ice@hawaii.gov [mailto:Charley.F.Ice@hawaii.gov]
Sent: Tuesday, December 21, 2010 1:28 PM
To: Lisa Ellen Smith
Hi Charley, I am having Shook luellen dba kauai Water well PO Box 431 Anahola, Hi 96703 808-651-9165 C-29578, drill the well on this permit. I have the permits. I do not have the origin application that was sent in by Tracie sober of valley well drilling. If you have a copy you can supply me to have shook sign that will be very much appreciated.

Thank you
Gary Fischer

Aloha Charley, because of mechanical failure Valley well drilling is unable to drill my well. I would like to have shock, Kauai water well drill it for me . can you tell me what I need to do to change contractors?
Thank you very much
Gary Fischer
808-639-0521

Yes, the permits have been sent for finalizing, should go out this week Friday, maybe Monday. People have been on vacation, so we're doing a little catch-up.

Aloha, Have you received what you need from planning department to complete this permit?
Thanks Gary Fischer
Right! The map image sent by TIKI <gsc> also shows the same relation of parcel to SMA boundary. I think we’re clear (I’ve asked for a map citation for future purposes). Now I guess we need your re-transmitted comment ("[ ] does not require an SMA"). Thanks very much -- and sorry for a bit of a run-around. Sometimes things get tripped up by such details!

I’m prepared to send the permits ASA...

Lisa Ellen Smith <lsmith@kauai.gov>

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Dear Charley/Mr. Fischer,

I went back to the legally adopted SMA maps of record (photocopies attached) and drawn an arrow to Mr. Fischer’s TMK - based on this map - the parcel (4) 5-3-004:014 is NOT within the SMA.

The TMK given by Mr. Fischer, originally, 4-5-004-014 did not contain the correct numbers identifying Section as 3.

LE

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From: Charley.F.Ice@hawaii.gov [mailto:Charley.F.Ice@hawaii.gov]
Sent: Tuesday, December 21, 2010 1:28 PM
To: Lisa Ellen Smith
Cc: TIKI; Ian Costa
Subject: RE: FW: FW: Fischer well no. 1326-04 - letter to state from county 11-29-2010

All references to TMK in our records (including the attachment) make it out to be (4) 5-3-004:014. Please note that the first (4) isn’t always in parentheses, and stands for the island. Somebody may be starting there, thinking that it’s "Zone 4", whereas the Zone number is the first unparenthesized number (in this case "Zone 5") -- "Section 3", "Plat 4", "Parcel 14".

Lisa Ellen Smith <lsmith@kauai.gov>

12/21/2010 11:20 AM
We received two pieces of paper, a signed WCP for 1326-04 (Fischer), which we think means you're taking over for Valley Well Drilling; and one page of a PIP application for the 1224-01 (Gina), which had been approved, but expired and cancelled back in 2003.

1) 1326-04 Kalihiwai-Fischer: the way to assume responsibility for this work is to have the well owner send us a notice that they have selected a new contractor (you), and for you to sign the original application (not permit), to indicate you know what specs were approved. If they cannot find a copy of the original application, we can provide it.

2) 1224-01 Gina Well: this was completed by Steve Goldberg back in 2001, but no pump was ever installed, and no pump tests conducted. Pump installation will require a full application and review. A new PIP would normally carry the special condition that you conduct the required pump tests, but in this case, at 44 gpm, no pump tests would be required.

We have transferred the well ownership to Gina Zapara. Where does Bill Mowry fit in?
WELL CONSTRUCTION PERMIT

Kalilihiwai-Fischer Well, Well No. 1326-04

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 Kalilihiwai-Fischer Well (Well No. 1326-04) at TMK (4)5-3-004:014, Kauai, subject to the Hawaii Well Construction & Pump Installation Standards (HWCPIS - February 2004) which include but are not limited to the following conditions:

1. The Chairperson of the Commission on Water Resource Management (Commission), P.O. Box 621, Honolulu, HI 96809, shall be notified, in writing, at least two (2) weeks before any work authorized by this permit commences and staff shall be allowed to inspect installation activities in accordance with §13-168-15, Hawaii Administrative Rules (HAR).
2. This permit shall be prominently displayed, or made available, at the site of construction work until work is completed.
3. The well construction permit shall be for construction and testing of the well only. The permittee shall coordinate with the Chairperson and conduct a pumping test in accordance with the HWCPIS (the latest pump test worksheet can be obtained by contacting Commission staff or at www.hawaii.gov/dlnr/cwm/resources_permits.htm). The permittee shall submit to the Chairperson the test results as a basis for supporting an application to install a permanent pump. No permanent pump may be installed until a pump installation permit is approved and issued by the Chairperson. No withdrawal of water shall be made for purposes other than testing without a Certificate of Pump Installation Completion. The permitted pump capacity described on the pump installation permit may be reduced in the event that the pump test does not support the capacity.
4. In basal ground water, the depth of the well may not exceed one-fourth (1/4) of the theoretical thickness (41 times initial head) of the basal ground water unless otherwise authorized by the Chairperson. If it can be shown that the well does not tap basal ground water then this condition may be waived after consultation with and acceptance by Commission staff. However, in no instance can the well be drilled deeper than one-half (1/2) of the theoretical thickness without Commission approval.
5. The permittee shall incorporate mitigation measures to prevent construction debris from entering the aquatic environment, to schedule work to avoid periods of high rainfall, and to revegetate any cleared areas as soon as possible.
6. In the event that historically significant remains such as artifacts, burials, or concentrations of shells or charcoal are encountered during construction, the permittee shall stop work and immediately contact the Department of Land and Natural Resources' State Historic Preservation Division. Work may recommence only after written concurrence by the State Historic Preservation Division.
7. The proposed well construction shall not adversely affect existing or future legal uses of water in the area, including any surface water or established instream flow standards. This permit or the authorization to construct the well shall not constitute a determination of cumulative 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/cwm/resources_permits.htm for current form).
9. The permittee shall comply with all applicable laws, rules, and ordinances, non-compliance may be grounds for revocation of this permit.
10. The well construction permit application and, if relevant, any related staff submittal approved by the Commission are incorporated into this permit by reference.
11. If the HWCPIS are not followed and as a consequence water is wasted or contaminated, a lien on the property may result.
12. Any variances from the HWCPIS shall be approved by the Chairperson prior to invoking the variance.
13. The work proposed in the well construction permit application shall be completed within two (2) years from the date of permit approval, unless otherwise specified. The permit may be extended by the Chairperson upon a showing of good cause and good-faith performance. A request to extend the permit shall be submitted to the Chairperson no later than the date the permit expires.
14. If the well is not to be used it must be properly capped. If the well is to be abandoned during the course of the project then the permittee must apply for a well abandonment permit in accordance with §13-168-12(f), HAR, prior to any well sealing or plugging work.
15. The permittee, its successors, and assigns shall indemnify, defend, and hold the State of Hawaii harmless from and against any loss, liability, claim, or demand for property damage, personal injury, or death arising out of any act or omission of the applicant, assigns, officers, employees, contractors, and agents under this permit or relating to or connected with the granting of this permit.
16. This permit shall apply to the location shown on the application only. If the well is to be relocated, the permittee shall apply for a new well construction/pump installation permit in accordance with §13-168-12(f), HAR.
17. Special conditions in the attached cover transmittal letter are incorporated herein by reference.

Date of Approval: December 20, 2010
Expiration Date: December 20, 2012

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 number]
Date: 2-27-11
Printed Name: [name]
Firm or Title: [firm or title]

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

Attachment
WELL CONSTRUCTION PERMIT
Kalihiwai-Fischer Well, Well No. 1326-04

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 Kalihiwai-Fischer Well (Well No. 1326-04) at TMK (45)S-3-004:014, Kauai, subject to the Hawaii Well Construction & Pump Installation Standards (HWCPIS - February 2004) which include but are not limited to the following conditions:

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

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

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

4. In basal ground water, the depth of the well may not exceed one-fourth (1/4) of the theoretical thickness (41 times initial head) of the basal ground water unless otherwise authorized by the Chairperson. If it can be shown that the well does not tap basal ground water then this condition may be waived after consultation with and acceptance by Commission staff. However, in no instance can the well be drilled deeper than one-half (1/2) of the theoretical thickness without Commission approval.

5. The permittee shall incorporate mitigation measures to prevent construction debris from entering the aquatic environment, to schedule work to avoid periods of high rainfall, and to revegetate any cleared areas as soon as possible.

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

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

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

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

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

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

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

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

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

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

16. This permit shall apply to the location shown on the application only. If the well is to be relocated, the permittee shall apply for a new well construction/pump installation permit in accordance with §13-168-12(1), HAR.

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

Date of Approval: December 20, 2010
Expiration Date: December 20, 2012

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: [Date]

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

Please sign both copies of this permit, return one copy to the Commission office, 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 Kalihiwai-Fischer Well (Well No. 1326-04) at TMK (4) 5-3-004:014, Kauai, subject to the Hawaii Well Construction & Pump Installation Standards (HWCPIS - February 2004) which include but are not limited to the following conditions:

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

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

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

4. The pump installation permit shall be for installation of a 40 gpm rated capacity, or less, pump in the well. This permanent capacity may be reduced in the event that the pump test data does not support the capacity.

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

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

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

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

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

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

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

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

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

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

Date of Approval: December 20, 2010
Expiration Date: December 20, 2012

WILLIAM J. AILA, JR., Interim Chairperson
Commission on Water Resource Management

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

Installer's Signature: C-57, C-57a, or A License #: C-24947 Date: 1-3-11

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

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

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

December 28, 2010

Dear Ms. Sober:

Pump Installation Permit  
Kalihiwai-Fischer Well (Well No. 1326-04)

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

Special Conditions

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

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

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

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

If you have any questions, please call Charley Ice of the Commission staff at 587-0218 or toll-free at 274-3141 (Kauai), extension 70218.

Sincerely,

WILLIAM J. AILA, JR.  
Interim Chairperson

Enclosure

c: Gary Fischer (with applicable comments – DOH WWB, CWB)
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 Kalihiwai-Fischer Well (Well No. 1326-04) at TMK (4) 5-3-004:014, Kauai, subject to the Hawaii Well Construction & Pump Installation Standards (HWCPIS - February 2004) which include but are not limited to the following conditions:

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

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

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

4. The pump installation permit shall be for installation of a 40 gpm rated capacity, or less, pump in the well. This permanent capacity may be reduced in the event that the pump test data does not support the capacity.

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

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

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

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

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

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

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

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, LLC

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

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

Dear Ms. Sober:

Well Construction Permit
Kalihiwai-Fischer Well (Well No. 1326-04)

Enclosed are two (2) copies of your approved Well Construction Permit for the captioned well(s) that authorize well construction activities but excludes installation work for a permanent pump. As part of the Chairperson's approval, the following special conditions were added and are part of your permit under Permit Condition 17:

Special Conditions

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

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

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

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

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

If you have any questions, please call Charley Ice of the Commission staff at 587-0218 or toll-free at 274-3141 (Kauai), extension 70218.

Sincerely,

WILLIAM J. AILA, JR.
Interim Chairperson

Enclosures

c: Gary Fischer (with applicable comments – DOH WWB, CWB)
WELL CONSTRUCTION PERMIT

Kalihiwai-Fischer Well, Well No. 1326-04

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 Kalihiwai-Fischer Well (Well No. 1326-04) at TMK (4)5-3-004:014, Kauai, subject to the Hawaii Well Construction & Pump Installation Standards (HWCPIS - February 2004) which include but are not limited to the following conditions:

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

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

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

4. In basal ground water, the depth of the well may not exceed one-fourth (1/4) of the theoretical thickness (41 times initial head) of the basal ground water unless otherwise authorized by the Chairperson. If it can be shown that the well does not tap basal ground water then this condition may be waived after consultation with and acceptance by Commission staff. However, in no instance can the well be drilled deeper than one-half (1/2) of the theoretical thickness without Commission approval.

5. The permittee shall incorporate mitigation measures to prevent construction debris from entering the aquatic environment, to schedule work to avoid periods of high rainfall, and to revegetate any cleared areas as soon as possible.

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

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

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

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

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

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

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

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

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

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

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

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

Date of Approval: December 20, 2010
Expiration Date: December 20, 2012

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, LLC

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

ROUTE SLIP FOR PERMIT ISSUANCE 5/19/05


DATE: # **********

SUSPENSE DATE: _______________

TO: KUNIMURA, I. NAKAMA, L. NAKANO, D. OHYE, M. SAKODA, E. SUBIA, S. SWANSON, S. UYENO, D. YODA, K. YOSHINAGA, M.

TO: INIT. INIT. FOR: PLEASE:

ANAKALEA, P. BAUER, G. CHING, F. DANBARA, S. FUJII, N. GOODING, K. HARDY, R. HIGA, D. ICE, C. IMATA, R.

Approval Signature Information

1 Review & Comment Take Action

Type Draft

2 Type Final

4 File

Xerox copies

WELL NUMBER 1326-04

Kalihiwai-Fischer Well

WELL CONSTRUCTION

ATTACHMENTS FOR WELL CONSTRUCTION PERMIT:

1 COVER LETTER 2 PERMIT (2x) COMMENTS:

3 SDWB 4 WWB 5 CWB 6 HEER 7 LD 8 HP 9 OCCL 10 SMA

TO BE SENT TO APPLICANT

FOR OFFICE USE ONLY

PUMP INSTALLATION

ATTACHMENTS FOR PUMP INSTALLATION PERMIT:

1 COVER LETTER 2 PERMIT (2x) COMMENTS:

3 SDWB 4 WWB 5 CWB 6 HEER 7 LD 8 HP 9 OCCL 10 SMA

TO BE SENT TO APPLICANT

FOR OFFICE USE ONLY
## Well Check Program

4/1/04 - Revised for update to Well Standards (February 2004)

### Data Input

<table>
<thead>
<tr>
<th>Well Number</th>
<th>1326-04</th>
</tr>
</thead>
<tbody>
<tr>
<td>Well Name</td>
<td>Kalihiwai-Fischer</td>
</tr>
<tr>
<td>Ground Elevation</td>
<td>8</td>
</tr>
<tr>
<td>Cement Grout</td>
<td>60</td>
</tr>
<tr>
<td>Grouting Method</td>
<td>positive displacement</td>
</tr>
<tr>
<td>Hole Diameter</td>
<td>10</td>
</tr>
<tr>
<td>Total Depth</td>
<td>85</td>
</tr>
<tr>
<td>Water Level</td>
<td>5 Depth to water 3</td>
</tr>
<tr>
<td>Public Water Supply Well?</td>
<td>no</td>
</tr>
<tr>
<td>Solid Casing Material</td>
<td>pvc plastic</td>
</tr>
<tr>
<td>Solid Casing Specification</td>
<td>Schedule 40</td>
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<td>Solid Casing Length</td>
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<td>Solid Casing Wall Thickness</td>
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<tr>
<td>Open Casing Length</td>
<td>10</td>
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</tbody>
</table>

### Results

#### Well Depth

| Theoretical Thickness of Aquifer | 205 |
| 1/4 Aquifer Thickness | 51.25 |

#### Depth of Well below Sea Level

-77 to deep under pressure Section 2.2

#### Well Casing

<table>
<thead>
<tr>
<th>Minimum Wall Thickness</th>
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</thead>
<tbody>
<tr>
<td>Material</td>
</tr>
<tr>
<td>Minimum Thickness per standards</td>
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<tr>
<td>Wall Thickness Provided</td>
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<tr>
<td>Minimum Length of Solid Casing</td>
</tr>
<tr>
<td>90% of ground to top of aquifer</td>
</tr>
<tr>
<td>Length of solid casing Provided</td>
</tr>
<tr>
<td>Casing Material</td>
</tr>
<tr>
<td>(for pvc only - check for 200' limit)</td>
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</tbody>
</table>

#### Annular Space

<table>
<thead>
<tr>
<th>Depth of Grouting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculated Depth of Grouting</td>
</tr>
<tr>
<td>Depth of Grouting provided</td>
</tr>
<tr>
<td>Minimum Annular Space required</td>
</tr>
<tr>
<td>Thickness of Annular Space</td>
</tr>
</tbody>
</table>

---

**Note:**
- Yes
- No
- Steel
- Stainless steel
<table>
<thead>
<tr>
<th>Plastic Type</th>
<th>Schedule</th>
<th>Steel Standards</th>
<th>Stainless Steel Standards</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC Plastic</td>
<td></td>
<td>ANSI/AWWA C200</td>
<td>ASTM A409</td>
<td></td>
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<tr>
<td>Schedule 40</td>
<td></td>
<td>API Spec. 5L</td>
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<td></td>
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<tr>
<td>Schedule 80</td>
<td></td>
<td>ASTM A53</td>
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<tr>
<td>Other</td>
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<td>ASTM A139</td>
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<td></td>
<td>ASTM A606</td>
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<tr>
<td></td>
<td></td>
<td>other</td>
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<tr>
<td>ABS Plastic</td>
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<td></td>
</tr>
<tr>
<td>Thermoset Plastic</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Stainless Steel</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Other</td>
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</tr>
<tr>
<td>Positive Displacement</td>
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</tr>
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<td>Other</td>
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<td></td>
</tr>
<tr>
<td>Steel Public</td>
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<td></td>
<td>0.28</td>
</tr>
<tr>
<td>Steel Non Public</td>
<td></td>
<td></td>
<td></td>
<td>#N/A</td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Dear Charley/Mr. Fischer,

I went back to the legally adopted SMA maps of record (photocopies attached) and drawn an arrow to Mr. Fischer's TMK - based on this map - the parcel (4) 5-3-004:014 is NOT within the SMA.

The TMK given by Mr. Fischer, originally, 4-5-004-014 did not contain the correct numbers identifying Section as 3.

LE

From: Charley.F.Ice@hawaii.gov [mailto:Charley.F.Ice@hawaii.gov]
Sent: Tuesday, December 21, 2010 1:28 PM
To: Lisa Ellen Smith
Cc: TIKI; Ian Costa
Subject: RE: FW: FW: Fischer well no. 1326-04 -letter to state from county 11-29-2010

All references to TMK in our records (including the attachment) make it out to be (4) 5-3-004:014. Please note that the first (4) isn't always in parentheses, and stands for the island. Somebody may be starting there, thinking that it's "Zone 4", whereas the Zone number is the first unparenthesized number (in this case "Zone 5") -- "Section 3", "Plat 4", "Parcel 14".

Mr. Fischer provide the following information - bottom of email - the TMK he provided 4-5-004:014 is not located within the SMA. I called to confirm that the well No. 1326-04 was affiliated with the TMK that Mr. Fischer provide, he provided the wrong TMK for the associated well No.

LE

Hi Lisa, can you tell me why an SMA permit is required for this water well when the lot (tmk 4-5-004-014) is NOT in the SMA area?

Thanks Gary Fischer [attachment "1326-04.KP.SMAreq.pdf" deleted by Charley F Ice/DLNR/StateHiUS]
I don’t understand how "the TMK I provided" is different from "the TMK listed with the State".

Lisa Ellen Smith <lsmith@kauai.gov>

12/21/2010 10:58 AM

It appears that the TMK you provided is not in the SMA however the TMK listed with the State for this well No. 1326-04 is within the SMA and will require SMA permit.

The TMK for this well is (4) 5-3-004:014, which by our maps, is definitely Kalihiwai and looks to be in the SMA. Is there an inaccuracy here? Should I send some maps?

Charley Ice
Hydrologist
Hawaii Water Commission
1151 Punchbowl 227 Kalanimoku
P.O. Box 621, Honolulu 96809
(808) 587-0218

Lisa Ellen Smith <lsmith@kauai.gov>
I attached a copy of the letter you sent to the state on 11/29/2010 saying the lot DOES REQUIRE SMA permit. Can you fix this for me?

Gary

Mr. Fischer,

An SMA permit is not required, however, the state does require a letter from the county stating that it is not located within the SMA.

Hi Lisa, can you tell me why an SMA permit is required for this water well when the lot (tmk 4-5-004-014) is NOT in the SMA area?
Thanks Gary Fischer [attachment "1326-04.KP.SMReq.pdf" deleted by Charley Ice/DLNR/StateHiUS]

20101221145825698_0001.pdf  20101221145833680_0001.pdf
STATE LAND USE DISTRICTS

CONSERVATION DISTRICT

AGRICULTURE DISTRICT

RURAL DISTRICT

URBAN DISTRICT

SPECIAL MANAGEMENT AREA

ADOPTED BY COUNTY OF KAUAI

Approved 11-29-75

AMENDMENTS:


Chairman, Planning Commission / Date

To Confirm Federal Flood Insurance Rate Map Amendments as Adopted November 9, 1981.

Chairman, Planning Commission / Date

THE PREPARATION OF THIS MAP WAS FINANCED IN PART BY THE COASTAL ZONE MANAGEMENT ACT OF 1972, AS AMENDED, ADMINISTERED BY THE OFFICE OF COASTAL ZONE MANAGEMENT, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, UNITED STATES DEPARTMENT OF COMMERCE.

LEGEND

---- SMA Boundary is the Seaward Edge of the Line

\(\text{Area of Amendment}\)

\(\text{Area of Federal Lands Exclusion}\)
F11 - mapping resolved
Mr. Ian Costa, Director  
Planning Department  
County of Kauai  
4444 Rice Street, Ste. A473  
Lihue, Hawaii 96766

Dear Mr. Costa:

Special Management Area Use Permit Requirements for  
Well Construction/Pump Installation Permit Application  
Kalihiwai-Fischer Well (Well No. 1326-04)

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

We would appreciate your comments on the captioned application with regard to the SMA permitting requirements specific to your division. Please respond by returning this cover memo form by December 20, 2010. 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 Charley Ice of the Commission staff at 587-0218.

Sincerely,

LAURA H. THIELEN  
Chairperson

LAURA H. THIELEN  
Chairperson
December 2, 2010

MEMORANDUM

TO: Lenore N. Ohye
   Acting Deputy Director
   Commission on Water Resource Management
   P.O. Box 621
   Honolulu, HI 96809

FROM: Theresa Donham, Archaeology Branch Chief

SUBJECT: Chapter 6E-42 Historic Preservation Review -
Well Construction/Pump Installation Permit Application
Kalihiwai-Fischer Well (Well No. 1326-04)
Kalihiwai Ahupua'a, Hanalei District, Island of Kaua‘i
TMK (4) 5-3-004:014

Thank you for the opportunity to review and comment on the Kalihiwai-Fischer well application that we received on November 17, 2010. According to the application a 10 inch diameter hole will be drilled to a depth of approximately 85 feet below the surface. A review of our records indicates that there are no known historic sites in the vicinity of this project. In addition, archival aerial photographs of this region indicate the proposed location for the well was previously subjected to intensive sugarcane cultivation. The previous disturbance of this area during sugarcane cultivation likely removed any archaeological surface features. This area is also unlikely to contain any subsurface archeological deposits, as the USGS soil survey (Foote et. al. 1972) indicates that the project area is underlain with Hanalei Silty Clay (HnA). Therefore, we have determined that no historic properties will be affected by this project.

In the event that historic resources, including human skeletal remains, sand deposits, lava tubes, and lava blisters/bubbles are identified during construction activities, please cease all work in the immediate vicinity of the find, protect the find from additional disturbance, and contact the State Historic Preservation Division at (808) 692-8015.

Please contact Mike Vitousek at (808) 692-8029 or Michael.Vitousek@hawaii.gov if you have any questions or concerns regarding this letter.
November 12, 2010

TO: Russell Tsuji, Administrator  
Land Division

FROM: Lenore N. Ohye, Acting Deputy Director
Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
Kalihiwai-Fischer Well (Well No. 1326-04) TMK (4) 5-3-004:014

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 December 20, 2010. 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 Charley Ice 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. 

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

[ ] No objections

[ ] Other comments:

Original source of private title is Land Commission Award No. 11215, Apana 3 issued between 1845 and 1855.

Contact Person: Gary Martin 
Phone: 587-0421

Signed: Gary Martin 
Date: 11/30/10
Subject: National Pollutant Discharge Elimination System Regulations for the Well Construction/Pump Installation Permit Application(s) for the Subject Well(s)

Dear Mr. Ice:

The Department of Health, Clean Water Branch (CWB) has the following comments for the subject well:

1. For Well-Drilling Activities

Any discharge to State waters of treated process wastewater effluent associated with well drilling activities is regulated by Hawaii Administrative Rules (HAR), Title 11, Chapter 55, Appendix I, effective October 22, 2007, and compiled June 15, 2009. Treated process wastewater effluent covered by this general permit includes well drilling slurries, lubricating fluids wastewater, and well purge wastewater. This general permit does not cover well pump testing. The applicable Notice of Intent (NOI) Forms and filing fee shall be submitted at least 30 calendar days before the start of discharge to the:

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

The CWB-NOI Forms are available online at http://www.hawaii.gov/health/environmental/water/cleanwater/forms/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.

3. For Construction Activities Disturbing One (1) or More Acres of Total Land Area

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

Thank you for the opportunity to comment,

Joanna

Joanna L. Seto
Engineering Section Supervisor

Clean Water Branch
State of Hawaii Department of Health
Phone: (808) 586-4309
Fax: (808) 586-4352

Notice: This information and attachments are intended only for the use of the individual(s) or entity to which it is addressed and may contain information that is privileged and/or confidential. If the reader of this message is not the intended recipient any dissemination, distribution, or copying of this communication is strictly prohibited and may be punishable under state and federal law. If you have received this communication and/or attachments in error, please notify the sender via email immediately and destroy all electronic and paper copies.

From: Susan S Hoagbin/DLNR/StateHiUS@STATEHIUS@DOHMAIL On Behalf Of Susan S Hoagbin/DLNR/StateHiUS@DOHMAIL
Sent: Friday, November 12, 2010 9:42 AM
To: Morikami, Lori N; Miyahira, Michael M; Seto, Joanna L; Palmer, Richard
Subject: Review for Comments

Please respond to this email request for comments to charley.f.ice@hawaii.gov.

<< File: 1326-04.PDF >>
Wastewater Branch
919 Ala Moana Blvd. Room 309
Honolulu, Hawaii 96814-4920
Phone (808) 586-4294 Fax (808) 586-4300

STATE MESSENGER DELIVERY

Date: 11-12-2010

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

Attn: Charley Ice

From: Lori Morikami, Planner
Planning & Design Section
Ph 586-4294 Fax 586-4300
Email: lori.morikami@doh.hawaii.gov

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

Well No. 1326-04 Kalihiwai

Well No.

Well No.

Well No.

Well No.

Please find enclosed the application of the above subject project.
Comptroller General of the United States, and any of their authorized representatives, the committees (and their staffs) of the Congress and Legislature of the State of Hawaii, and the Legislative Auditor of the State of Hawaii, to have the right of access to any book, document, paper, file, or other record of the BOARD (and of any of its subcontractors) that is related to the performance of the provisions under this Agreement in order to conduct an audit or other examination or to make excerpts and transcripts for the purpose of monitoring and evaluating the BOARD's performance of the provisions and the BOARD's program, management, and fiscal practices to assure the proper and effective expenditure of funds under this Agreement. The right of access shall not be limited to the required retention period but shall last as long as the records are retained.

g. The BOARD shall retain all records related to the BOARD's performance of the provisions under this Agreement for at least three (3) years after the date of submission of the BOARD's final expenditure report, except that if any litigation, claim, negotiation, investigation, audit, or other action involving the records has been started before the expiration of the three-year period, the BOARD shall retain the records
November 12, 2010

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

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

SUBJECT: Well Construction/Pump Installation Permit Application
Kalihiwai-Fischer Well (Well No. 1326-04) TMK (4) 5-3-004:014

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 December 20, 2010.** 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 Charley Ice of the Commission staff at 587-0218.

Clss 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 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: Lori Vetter, Eng. on Kauai

Signed: Date:
Property Owner
First Name: Gary
Last Name: Fisher
Street Address: PO Box 837
City: Hanalei
State: Hawaii
Zip Code: 96714
Email Address:

Dwelling Information
Lot Size (sq ft.): 6969
CPR Lot:
Dwelling Type: New Dwelling
Existing IWS:
# of Existing IWS:
Other Wastewater Bldgs:
Total Bedrooms:
Designed Flow Rate (gpd):
Building Type: Residential
LCC:
Potable Well within 1,000 ft?:

Added By: Ivetter 10/1/2010 11:07 AM   Last Modified: Ivetter 10/1/2010 1:24 PM

Site Information
Use Project Address:

Done
IWS System Information

Septic Tank Information

- Septic Tank Liquid Volume: 1500 gal.
- Manufacturer: Orenco Systems, Inc.
- Disposal Type: Bed

Soil Profile Information

- Minimum Soil Absorption: 125 sq. ft./bd
- Total Min. Soil Absorp. Required: 625 sq. ft.
- Total Soil Absorp. Provided: 630 sq. ft.

Soil Absorption Information

<table>
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Added By: Ivetter 10/1/2010 11:07 AM Last Modified: Ivetter 10/1/2010 1:24 PM

Save
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. 1326-04

We acknowledge receipt, on November 5, 2010, of your completed Well Construction/Pump Installation permit application and filing fee for the Kalihiwai-Fischer Well (Well No. 1326-04). 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 Charley Ice of the Commission staff at 587-0218 or toll-free at 274-3141 (Kauai), extension 70218.

Sincerely,

LENORE N. OHYE  
Acting Deputy Director

CI:ss  
Attachment  
c: Gary Fischer
November 12, 2010

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

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

SUBJECT: Well Construction/Pump Installation Permit Application  
Kalihiwai-Fischer Well (Well No. 1326-04) TMK (4) 5-3-004:014

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 December 20, 2010. 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 Charley Ice of the Commission staff at 587-0218.

Cl: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 II, Chapter 20, Rules Relating to Potable Water Systems, §11-20-29.

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

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

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

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

[ ] An NPDES permit is required.

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

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

[ ] No comments/objections

Contact Person: ________________________________ Phone: __________
Signed: ________________________________ Date: __________
TO: Russell Tsuji, Administrator
   Land Division
FROM: Lenore N. Ohye, Acting Deputy Director
      Commission on Water Resource Management
SUBJECT: Well Construction/Pump Installation Permit Application
         Kalihiwai-Fischer Well (Well No. 1326-04) TMK (4) 5-3-004:014

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
December 20, 2010. 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
Charley Ice of the Commission staff at 587-0218.

CI: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: Dr. Puaalaokalani Aiu, Administrator  
Historic Preservation  

FROM: Lenore N. Ohye, Acting Deputy Director  
Commission on Water Resource Management  

SUBJECT: Well Construction/Pump Installation Permit Application  
Kalihiwai-Fischer Well (Well No. 1326-04) TMK: (4) 5-3-004:014  

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 December 20, 2010. 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 Charley Ice of the Commission staff at 587-0218. If you require additional information regarding specific information that can be provided by the applicant, please contact the applicant directly at the contact information provided on the application form.  

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

We would appreciate your comments on the captioned application with regard to the SMA permitting requirements specific to your division. Please respond by returning this cover memo form by December 20, 2010. 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 Charley Ice of the Commission staff at 587-0218.

Sincerely,

[Signature]
Chairperson

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

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

[ ] No objections

[ ] Other comments:

Contact Person: ________________________ Phone: ______________

Signed: ________________________________ Date: ______________
COMMISSION ON WATER RESOURCE MANAGEMENT
ROUTE SLIP FOR NEW APPLICATIONS

FROM: CHARLEY 
DATE: 5-Nov-10 
SUSPENSE DATE: 

TO: 
INIT. 
TO: 
INIT. 
FOR: 

1 Approval 
2 Review & Comment 
3 Signature 
4 Take Action 
5 Information 

PLEASE: 
1 Type Draft acknow letter 
2 Type Final, label file folder, update People.db 
3 Xerox copies 

KUNIMURA, I. 
NAKAMA, L. 
UYENO, D. 
YODA, K. 
YOSHINAGA, M. 

See Me 

WELL NUMBER 1326-04 WELL NAME KalihiKai Fischer 
WUP Number na

ATTACHMENTS FOR APPLICATION PROCESSING - Both applicant & staff generated

1 TRANS. LETTER 
2 PERMIT PROCESS TABLE 
3 CWRM MAPS 
4 APPL. FORM (11 COPIES) 
5 USGS MAPS (11 COPIES) 
6 TAX MAPS (11 COPIES) 
7 PARCEL OWNER VERIF. 
8 CONTRACTOR VERIF. 
9 ALL INFO FILLED IN 
10 BACKGROUND CHECK 
11 $25 FEE DEPOSIT SLIP 
12 DHP/CDU/SMAP pre-screen 

☑ WELL CONSTRUCTION ☐ PUMP INSTALLATION ☐ WUPA

☑ making 1-mile radius and penciling in on hanging maps

☑ MLS PRINTOUT

☑ DCCA LICENSE SCREEN PRINTOUT

☑ (CWCM 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)

☑ NO not in shoreline setback

YES - trigger identified is:

(if triggered, exemption analysis memo must be attached before accepting)

FOLDER: 

MADE NEW FILE FOLDER, ATTACHED

☑ FILE FOLDER ALREADY MADE, IN FILE CABINET

INCOMPLETE ACTION DATES:

DATE 
ACTION 

1 unit, Backup?
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Friday, November 05, 2010
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**TOTAL** $ 25.00

**REMARKS:**
LINE (1) Kalihikai Fischer Well
LINE (2) 
LINE (3) 
LINE (4) 
LINE (5) 
LINE (6) 
LINE (7) 
LINE (8) 
LINE (9) 
LINE (10)
Instructions: Please print in ink or type and send completed application with attachments to the Commission on Water Resource Management, P.O. Box 621, Honolulu, Hawaii 96809. Application must be accompanied by 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 887-0225. For further information and updates to this application form, visit http://www.hawaii.gov/dlnr/wrm.

WELL LOCATION INFORMATION
1. STATE WELL NO. (if already assigned)
2. WELL NAME
3. ISLAND
4. TMA

The following must be attached before this application is accepted as complete:
- Portion of 7.5-Minute Series USGS topographic map (scale 1:24,000) with well location labeled and include the name of the quad map
- Property tax map, showing well location referenced to established property boundaries
- Photograph of the proposed well site
- A schematic diagram showing the well site, access road and proposed well infrastructure
- For dug wells, attach a grading plan with cross section profiles showing existing and finished grades

5. WELL OPERATOR'S NAME/COMPANY
Well Operator's Contact

6. LANDOWNER'S NAME/COMPANY
Landowner's Contact

Well Operator's Mailing Address
P.O. Box 897 MANALEI, HI 96714
Well Operator's Phone
Well Operator's Fax
Well Operator's E-mail

PROPOSED WELL CONSTRUCTION
7. Proposed Work
- Construct New Well
- Modify Existing Well
- Abandon/Seal Well

8. Construction Type
- Drilled
- Dug
- Shaft
- Tunnel

9. Is this well part of a battery of wells? □ Yes □ No

10. Proposed Work
- Install New Pump
- Replace Pump

11. Proposed Pumping Rate, gpm (gallons per minute)
- Method of flow measurement

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

OTHER LEGAL REQUIREMENTS
If required, items 21, and 22, must be obtained before the Commission can legally issue a permit

21. Conservation District Use Permit (CDUP)
- Well is in Conservation District
- Required, CDUP #________ date approved
- Not Required (attach documentation from OCCL)
- I have not checked with OCCL about whether or not a CDUP is required. I understand that checking with OCCL 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.
- Well is not in Conservation District
- 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 (SMA)
- Required, SMA #________ date approved
- Not Required (attach documentation from applicable County agency)
- I have not checked with the county about whether or not an SMA 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 (SHPD) of the Department of Land and Natural Resources
- I have not consulted with the HPD regarding potential impacts of well construction activities on historic sites. I have attached applicable documentation from the HPD.
- I have 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. Additionally, the history of past land use is attached.

24. Water Use Permit No. (if applicable)

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

NOTE: Signing below indicates that the signatories understand and swear that the information provided is accurate and true to the best of their knowledge. Further, the signatories understand that upon permit approval: 1) the proposed work is to be completed within two (2) years of the approval date; 2) the contractor shall submit to the Commission a well completion/abandonment report within 60 days after the completion date of the permitted work; 3) in the event that the application is not completed correctly, any permit may be suspended until the item is brought in to compliance, and any work done while the permit is in suspension may result in fines of up to $500.00/day.

25. WELL DRILLER (must be filed out if applicable for Well Construction)

Valley Well Drilling, LLC 24H47
License business name
License business name C-6725-Sta License No.
Signature Date
Print

26. PUMP INSTALLER (must be filed out if application for Pump Installation)

Valley Well Drilling, LLC 24H47
License business name
License business name C-6725-Sta License No.
Signature Date
Print

Address
882-1768
882-1768
882-1768
882-1768

Phone Fax Phone Fax

E-mail E-mail E-mail E-mail

WPCI Application Form 05/20/2009
PROPOSED WELL SECTION

Ground Elevation: _____ ft.

For non-salt water Basal Thermoset Plastic: (check one)
- ASS Stainless Steel:
- Carbon Thermoset Plastic: (check one)
- Open Filament Wound Resin Pipe conforming to ASS
- PVC Plastic conforming to Open

The approximate elevation must be referenced to mean sea level (msl) at the time of application filing. Final elevations of 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 - (1/4 x Aquifer Thickness))

Example: Estimated + 2 ft. Water Level Elev. Bottom Elevation of Well Limit = (2 - (2.5 ÷ 4)) = -15.5 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 F480 and (ASTM D1785 or ASTM D2241): (check one): • Schedule 40 • Schedule 80 • Schedule 120

Thermoset Plastic: (check one)
  - Filament Wound Resin Pipe conforming to ASTM D2996
  - Centrifugally Cast Resin Pipe conforming to ASTM D2997
  - Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D3517
  - Glass Fiber Reinforced Resin Pressure Pipe conforming to AWWA C950
  - PTFE Fluorocarbon Tubing conforming to ASTM D3296
  - FEP Fluorocarbon Tubing conforming to ASTM D3298

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 • Schedule 120

PVC Plastic conforming to ASTM F480 and (ASTM D1785 or ASTM D2241): (check one): • Schedule 40 • Schedule 80 • Schedule 120

Thermoset Plastic: (check one)
  - Filament Wound Resin Pipe conforming to ASTM D2996
  - Centrifugally Cast Resin Pipe conforming to ASTM D2997
  - Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D3517
  - Glass Fiber Reinforced Resin Pressure Pipe conforming to AWWA C950
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