CHECKLIST

Well Construction Permit

Water Use Permit Required Also

Well Name & Number Maile-Tomita (2409-23) Island Oahu

Applicant Clayton Haymea Landowner Rusty Tomita ET AL

Consultant Miki Blackstad

Date application received................................. 7/20/93

✓ Date acknowledged receipt/request more info........... 8/7/93

✓ Date filing fee deposited.................................. 8/7/94

✓ Application sent to following:
  Dept. of Health [Safe Drinking Water Branch] Date sent 8/23
  Office of Hawaiian Affairs
  Dept. of Hawaiian Home Lands
  State Historic Preservation Div.
  Sierra Club Legal Defense Fund
  Honolulu Board of Water Supply
  Maui Dept. of Water Supply
  Kauai Dept. of Water Supply
  Hawaii Dept. of Water Supply
  Hawaii Dept. of Public Works
  Koolaua NB #20 (Oahu)
  Additional List (Molokai)
  Eric Hirano/Lyann Mizuno

Date agenda due........................................... 9/1/93

Date submittal due........................................ 9/11/93

Date submittal sent to applicant............................

Date application __ approved OR __ disapproved....... 15Sep93 CWRM meeting

Date applicant notified of decision.........................

Remarks: Replace motor only

Evaluator
Mr. Clayton Haumea  
87-735 Iliili Road  
Waianae, HI  96792

Dear Mr. Haumea:

Notice of Expiration of Pump Installation Permit  
Maili-Tomita Well (Well No. 2409-23)

Our records show that a pump installation permit was issued for the subject well on October 25, 1993 (attached).

Since we did not receive any written notice of the start of work (Condition 1), we assume that no work was done under this permit, which has expired. Be advised that a new application for a pump installation permit must be made and approved by the Commission on Water Resource Management prior to any future pump installation work.

In the event that a pump was installed under the permit, please submit the following items that are required under Condition 5 within thirty (30) days from the date of this letter:

a. Well Completion Report - Part II (form enclosed).
   b. As-built sectional drawing of the installed pump.

Be advised that failure to comply with the terms of your permit may result in daily fines of up to $1000.

If you have any questions, please contact Lenore Nakama at 587-0218.

Sincerely,

RAE M. LOUI  
Deputy Director

LN:ss  
Attachments
TO:  Clayton Haumea  
87-735 Iliili Road  
Waianae, HI 96792

In accordance with the Department of Land and Natural Resources Administrative Rules, Section 13-168, entitled "Water Use, Wells, and Stream Diversion Works", your application to install a pump in Maili-Tomita Well (Well No. 2409-23), for irrigation of various crops, is approved subject to the following conditions:

1. The Commission on Water Resource Management (Commission), P.O. Box 621, Honolulu, HI 96809, shall be notified, in writing, before any work covered by this permit commences.

2. The permit shall be for installation of up to a 125 gpm capacity pump in the well.

3. The proposed use 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 pump water from the well shall not constitute a determination of correlative water rights. The permittee is notified and by this provision understands that the quantity of water taken from the well could be reduced by the Commission in the future. This permit is not a commitment that the pump capacity permitted here or even some lesser amount is guaranteed in the future.

4. The applicant shall provide and maintain an approved meter or other appropriate device or means for measuring and reporting total water usage. Water usage shall be measured on a monthly basis and reported to the Commission.

5. The following shall be submitted to the Commission staff within 30 days after completion of the work:

   a. Well Completion Report.

   b. As-built sectional drawing of the installed pump.
6. The applicant shall comply with all applicable laws, rules, and ordinances.

7. The permit application and staff submittal approved by the Commission at its meeting on October 13, 1993 shall be incorporated herein by reference.

8. This permit may be revoked if work is not started within six months of the date of issuance or if work is suspended or abandoned for six months. The work proposed in the permit application shall be completed within two years from the date of permit issuance.

KEITH W. AHUE, Chairperson
Commission on Water Resource Management

OCT 25 1993
Date of Issuance

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.

Applicant's Signature: ___________________________ Date: ____________

Printed Name: ________________________________________________

Firm or Title: __________________________________________________

Please sign and return one copy of this permit to the Commission and retain a copy for your record.

cc: USGS
    Department of Health
    Safe Drinking Water Branch
    Wastewater Branch
    Ground Water Protection Program
    Honolulu Board of Water Supply
The Honorable Keith W. Ahue, Chairperson
Commission on Water Resource Management
Department of Land and Natural Resources
P. O. Box 621
Honolulu, Hawaii 96809

Dear Mr. Ahue:

Well Construction &
Pump Installation Permits

Thank you for the opportunity to respond to these applications for
the following O'ahu permits:

Lualualei Golf Course Wells 1-4 (2508-10, 11, 12, 13)
Maili-Tomita (2409-23)

The Department of Hawaiian Home Lands recognizes the correlative
right of the landowner to drill wells, but must note that requests
for pumping will raise our objections. Each of four wells will tap
groundwater at a depth of about 30 feet, drawing potable-to-
brackish water. Each is proposed to pump at the rate of 144,000
gallons per day (144 Kgd).

A former municipal well in this vicinity was abandoned after
pumpage at the rate of 340 Kgd resulted in saltwater intrusion.
The subject coralline aquifer was described by Shade and Takasaki
(USGS) in 1986 as more sensitive to upconing, compared with the
mauka volcanic aquifer, and recommended a maximum of about 110 Kgd
to keep salinity levels low. The overall yield for the entire
basin is estimated at 1.5 to 2.0 million gallons per day (Mgd).

The Department has unresolved land claims for about 573 acres at
Lualualei, for which water resources would be required. The land
would be developed primarily for residential homesteads, with a
second priority on agricultural homesteads. A substantial portion
of the groundwater in this aquifer is subject to this claim.
The Maili-Tomita pump replacement raises no objections.

Warmest aloha,

Ho'oliku L. Drake, Chairman
Hawaiian Homes Commission
September 16, 1993

Ms. Rae M. Loui, Deputy Director
Department of Land and Natural Resources
Commission on Water Resource Management
P.O. Box 621
Honolulu, Hawaii 96809

Dear Ms. Loui:

Subject: Well Construction
Lualualei Golf Course Wells 1 2508-10
Lualualei Golf Course Wells 2 2508-11
Lualualei Golf Course Wells 3 2408-12
Lualualei Golf Course Wells 4 2508-13

Pump Installation
Maile-Tomita 2409-23

We have reviewed the material on the subject project submitted by your office. We are concerned with any potential contamination to the wells via improper wastewater treatment and disposal from any nearby source. At this time, sources of potential contamination from the wells would be from the residential developments nearby. As long as water quality is checked periodically, however, contamination to the wells should be minimized.

The pump installation at Maile-Tomita does not seem to be located in a potential contamination area as there are other wells located within the vicinity.

Should you have any further questions, please contact Mr. Harold Yee of the Wastewater Branch at telephone 586-4294.

Sincerely,

BRUCE S. ANDERSON, Ph.D.
Deputy Director for Environmental Health
MEMORANDUM

TO: Rae M. Loui, Deputy Director
Commission on Water Resource Management

FROM: Don Hibbard, Administrator
Historic Preservation Division

SUBJECT: Pump Installation Permit Applications
- Lualualei Golf Course Wells 1-thru-4
  Well No. 2409-23
  Lualualei, Waianae, O‘ahu
  TMK 8-7-19:043

Thank you for the opportunity to review this project. The applicant proposes to replace and change the motor for a pump in an existing well. Since an approved permit will not authorize any ground disturbing activities we believe that there will be "no effect" on historic sites.

EJ:jt
Dear Mr. Hayashida:

Well Construction and Pump Installation Permit Applications

Please review the following permit applications and submit your comments to us by SEP 14 1993.

<table>
<thead>
<tr>
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Should you have any questions, please contact the Commission on Water Resource Management staff at 587-0225.

Sincerely,

[Signature]

RAE M. LOUI, P.E. Deputy Director

Response:  
( ) We have no comments  
( ) We have no objections  
( ) Comments attached  
( ) Additional information requested  
( ) Extended review period requested

Contact Person: Herbert H. Minakami  
Phone: 527-6183

Signed: Kazu Hayashida  
Manager and Chief Engineer  
Date: 9/13/93
Comments:

We have no objection to the construction of wells in the caprock at Lualualei for golf course irrigation. We suggest that DLNR investigate and consider the impact on existing wells that are being used for farming.
Dear Mr. Arizumi:

Well Construction and Pump Installation Permit Applications

Please review the following permit applications and submit your comments to us by SEP 14 1993:

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Should you have any questions, please contact the Commission on Water Resource Management staff at 587-0225.

Sincerely,

RAE M. LOUI
Deputy Director

Response:  
- [ ] We have no comments  
- [X] We have no objections  
- ( ) Comments attached  
- ( ) Additional information requested  
- ( ) Extended review period requested

Contact Person: Bill Wong  
Signed: Bill Wong  
Phone: 586-4258  
Date: 08/31/93
Ms. Lois M. Blackstad
146A Palapu Street
Kailua, Hawaii 96734

Dear Ms. Blackstad:

We have received your application and filing fee for a permit to replace the motor in Maile-Tomita Well (Well No. 2409-23) at Nanakuli, Oahu, (TMK 8-7-19:43). We are reviewing the application for completeness.

Should you have questions, please call the Commission on Water Resource Management staff at 587-0225.

Sincerely,

[Signature]
RAE M. LOUI
Deputy Director

JZ:ky
MEMORANDUM

TO: Honorable Hoaliku L. Drake, Director
   Department of Hawaiian Home Lands
   Mr. Clayton H.W. Hee, Chairman & Trustee At Large
   Office of Hawaiian Affairs

FROM: Keith W. Ahue, Chairperson
   Commission on Water Resource Management

SUBJECT: Well Construction & Pump Installation Permit Applications

Please review the following permit applications and submit your comments to us by SEP 15 1993.

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Should you have any questions, please contact the Commission on Water Resource Management staff at 587-0225.

JZ:ky
Enc.

Response:
( ) We have no comments
( ) We have no objections
( ) Comments attached
( ) Additional information requested
( ) Extended review period requested

Contact Person: ____________________________ Phone: __________
Signed: ____________________________ Date: __________
Mr. Kazu Hayashida  
Manager & Chief Engineer  
Board of Water Supply  
City & County of Honolulu  
630 South Beretania Street  
Honolulu, Hawaii 96843  

Dear Mr. Hayashida:

Well Construction and Pump Installation Permit Applications  

Please review the following permit applications and submit your comments to us by SEP 14 1993

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Should you have any questions, please contact the Commission on Water Resource Management staff at 587-0225.

Sincerely,

RAE M. LOUI
Deputy Director

Response:
( ) We have no comments  
( ) We have no objections  
( ) Comments attached  
( ) Additional information requested  
( ) Extended review period requested

Contact Person: ___________________________ Phone: ___________
Signed: ___________________________ Date: ___________
Ms. Marjorie Ziegler  
Sierra Club Legal Defense Fund, Inc.  
212 Merchant Street, Room 202  
Honolulu, Hawaii 96813

Dear Ms. Ziegler:

Well Construction and Pump Installation Permit Applications

Please review the following permit applications and submit your comments to us by SEP 14 1993.

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Should you have any questions, please contact the Commission on Water Resource Management staff at 587-0225.

Sincerely,

[Signature]

RAE M. LOUI  
Deputy Director

Response:  
( ) We have no comments  
( ) We have no objections  
( ) Comments attached  
( ) Additional information requested  
( ) Extended review period requested

Contact Person: ____________________________  Phone: ____________  
Signed: ____________________________  Date: ____________
Mr. Thomas Arizumi, Chief
Environmental Management Division
State Department of Health
Five Waterfront Plaza
500 Ala Moana Blvd., Suite 250
Honolulu, Hawaii 96813

Attn: Mr. Dennis Tulang

Dear Mr. Arizumi:

Well Construction and Pump Installation Permit Applications

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Sincerely,

[Signature]

RAE M. LOUI
Deputy Director

Response:
( ) We have no comments
( ) We have no objections
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( ) Extended review period requested

Contact Person: ___________________________ Phone: __________
Signed: ___________________________ Date: ________

Enc.
Mr. Thomas Arizumi, Chief Environmental Management Division State Department of Health Five Waterfront Plaza 500 Ala Moana Blvd., Suite 250 Honolulu, Hawaii 96813

Attn: Mr. William Wong

Dear Mr. Arizumi:

Well Construction and Pump Installation Permit Applications

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Sincerely,

[Signature]

RAE M. LOUI
Deputy Director

JZ:ky
Enc.

Response:
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Contact Person: ___________________________ Phone: ___________
Signed: ___________________________ Date: ___________
AUG 23 1993

MEMORANDUM

TO: Dr. Don Hibbard, Director
   Historic Preservation Program

FROM: Rae M. Loui, Deputy Director
   Commission on Water Resource Management

SUBJECT: Well Construction & Pump Installation Permit Applications

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JZ:ky
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<th>PLEASE:</th>
<th>REMARKS:</th>
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<tr>
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<td>See Me</td>
<td>Called Clayton Hau‘omea on 7/22/93. Will get back to me re: proposed amount of withdrawal and address.</td>
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<td>Call</td>
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<td>Review &amp; Comment</td>
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<td>Investigate &amp; Report</td>
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FOR YOUR:

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<tr>
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<th>Approval</th>
<th>Proposes changing only motor – above ground. Motor was burned in brush fire.</th>
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<tr>
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<td>Signature</td>
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STANLEY K. BLACKSTAD
LOIS M. BLACKSTAD
146A PALAPU ST.  261-5560
KAILUA, HI  96734

PAY TO THE
ORDER OF

$35.00

DOLLARS

CITY BANK
MAIN OFFICE

MEMO
APPLICATION FOR PERMIT

APPLICATION FOR PERMIT

1. APPLICANT: (may be a, b, or c, but all must be filled in)
   (a) WELL OWNER
      Firm/Name: CLAYTON HAUMEA
      Contact Person: m.688-682
      Address: ____________________________
   (b) LANDOWNER
      Firm/Name: RUSTY TOMITA ETAL
      Contact Person: GAIL TOMITA Ph: 732-0550
      Address: 2915 R KOAL ROAD
                 HONOLULU, HI 96826
   (c) CONTRACTOR
      Firm/Name: SELF
      Ph: ____________________________
      Address: ____________________________

2. WELL LOCATION/NAME:
   Address: 87 735 FLILILI RD
   Island: Oahu
   Tax Map Key: 8-1-19:43

3. (a) PROPOSED WORK:
      □ Drill New Well
      □ * After Location
      □ Modify Existing Well
      □ Redrill
      □ Install New Pump
      □ Replace Pump
      □ * Be sure to complete and submit well abandonment report upon completion of work.

   (b) WELL TYPE:
      □ Dug
      □ Bored
      □ Driven
      □ Drilled
      □ Radial
      Is this well a part of a battery of wells? □ Yes □ No
      (Briefly describe and fill in the diagram on the back of this form.)

4. PROPOSED PUMP INFORMATION:
   Rated Pump Capacity: 100 - 125 gallons per minute
   Motor: Electric, rated horsepower of 15 hp

5. PROPOSED USE:
   □ Municipal (including hotels, stores, etc.)
   □ Military
   □ Domestic (individual, noncommercial water systems)
   □ Industrial
   □ Irrigation (crop) VARIETY
   □ Other (explain)
   State Land Use District: □ Urban □ Agricultural □ Rural □ Conservation
   □ County Zoning (describe)
   (If more space is needed, continue below remarks, explanations.)

6. (a) PROPOSED AMOUNT OF WITHDRAWAL:
      ___________ gallons per day
   (b) METHOD OF FLOW MEASUREMENT:
      □ Flow-meter
      □ Open-pipe
      □ Office Plate
      □ Weir

7. PENDING ACTIONS:
   □ CDUA
   □ SMA
   □ ESA
   □ NONE
   □ OTHER (explain)

8. REMARKS, EXPLANATIONS:

   ________________________________________________________________
   (If more space is needed, continue on back)

NOTE: Signing below indicates that the applicant understands that, if the permit requested is granted by the Commission on Water Resource Management, the proposed work is to be completed within two (2) years of the approval date. In addition, the contractor shall submit to the Commission a well completion report, well abandonment report, or both, within 30 days after the completion date of the permitted work. The applicant also understands that monthly water use data shall be submitted to the Commission. The applicant further understands that approval of the proposed permit shall constitute a determination of corrosive water rights and shall not guarantee the pump capacity or future use to the permitted pump capacity.
9. PROPOSED WELL SECTION

Elevation at top of casing: _______ ft., ml.

Cement Grout: _______ ft.

Rock Packing: _______ ft.

Hole Diameter: _______ in.

Ground Elevation: _______ ft., ml.

Solid Casing:
- Material
- Length _______ ft.
- Diameter _______ in.
- Wall thickness _______ in.

Casing: [ ] Perforated  [ ] Screen
- Material
- Length _______ ft.
- Diameter _______ in.
- Wall thickness _______ in.
- Openings _______ sq. in./L.F.

Open Hole:
- Length _______ ft.
- Diameter _______ in.

Ground Elevation: _______ ft., ml.

Remarks, Explanations (cont'd):