Subject: Well J8U-Jb

Hi Robert,
Hi Robert,

Your requested changes have been made to our well database and a copy of this e-mail placed in the well file.

Neal

---

Aloha Neal,

Thank you for your quick reply. Please see the changes below for Hawaii Well# 3802-06.

Mahalo,

Robert E. Smart  
Quality Assurance/Control Manager  
Hawaiian Springs, LLC  
16-305 Old Volcano Rd.  
Keaau, HI 96749  
robert.smart@hawaiianspring.com  
Direct: (808) 966-6022  
Fax: (808) 966-8777  
www.hawaiianspring.com
I spoke with our well regulation folks about getting well no. 3802-06 name changed. You can do this by sending an e-mail requesting the change.

Here's what our database shows currently:

**WELL NAME**
Hawaiian Natural

**Change to:** Hawaiian Springs

**Well Owner/User**
Hawaii Brewery Dev Co. Inc.

**Change to:** Hawaiian Springs, LLC

Please reply to this e-mail with your requested changes and your name, title, and company information in your signature line.

Aloha,
Neal Fujii
State Drought and Water Conservation Coordinator
Commission on Water Resource Management
Hawaii Department of Land and Natural Resources
P.O. Box 621
Honolulu, HI 96809
(808) 587-0264
(808) 587-0219 fax
neal.d.fujii@hawaii.gov
http://hawaii.gov/dlnr/drought/
Permit not fully executed

Permit sent 5/1/98

No permittee signature

Drills sent back w/signatures

Bob Betts 966-4022
Big Island
Horn Natural Water

3802-06

11/3/91

0.30 - 1.2

6953
Hawaii Brewery Development Co., Inc.
1240 Ala Moana Bldg., Ste. 315
Honolulu, Hawaii 96814

Hawaiian Natural Water Company, Inc.
98-746 Kuahao Place
Pearl City, Hawaii 96782

Dear Sir or Madam:

Re. Well No. 3802-06

This letter shall confirm that Hawaiian Brewery Development Co., Inc. and its predecessors in ownership of Well No. 3802-06 have satisfied all permit requirements for the aforesaid well and its appurtenant equipment, including the pump, and that such permits are in full force and effect without violation. Please note that Commission rules require the continued filing of monthly ground water use reports for the well.

If you have any questions, please contact Neal Fujii of the Commission at 587-0264.

Sincerely,

LINNEL T. NISHIOKA
Deputy Director

LTN:fc
DESCRIPTION OF DOCUMENT BEING SENT: Draft compliance letter

COMMENTS: Attached for your review is a proposed form of compliance letter. Again, thank you for your assistance in this matter. Please do not hesitate to call me if you should have any questions (535-4112).
April 3, 2002

Hawaii Brewery Development Co., Inc.
1240 Ala Moana Bldg.; Ste. 315
Honolulu, Hawaii 96814

Hawaiian Natural Water Company, Inc.
98-746 Kuahao Place
Pearl City, Hawaii 96782

Re: Well No. 3802-06

Dear Sir or Madam:

This letter shall confirm that Hawaii Brewery Development Co., Inc. and its predecessors in ownership of Well No. 3802-06 have satisfied all permit requirements for the aforesaid well and its appurtenant equipment, including the pump, and that such permits are in full force and effect without violation. Please note that Commission rules require the continued filing of monthly ground water use reports for the well.

If you have any questions, please contact Neal Fujii of the Commission staff at 587-0264.

Sincerely,

LINNEL T. NISHIOKA
Deputy Director

LTN:—
June 28, 2001

Mr. Tate Robinson
Hawaiian Natural Water Company, Inc.
16-305 Old Volcano Road
Keeau, HI 96749

Dear Mr. Robinson:

Well Completion Report for Well No. 3802-06

We received your Well Completion Report Part II for the Hawaiian Natural Water Well #1 (Well No. 3802-06) on June 8, 2001 and acknowledge that it is complete.

We also wish to remind you that water use report forms must be completed and returned to our office on a monthly basis. The forms are attached for your use.

If you have any questions, please contact Ryan Imata of the Commission staff at 587-0255 or toll-free at 974-4000 (Hawaii), 274-3141 (Kauai), 984-2400 (Maui), or 1-800-468-4644 (Lanai & Molokai).

Sincerely,

LINNEL T. NISHIOKA
Deputy Director

Rt:ky
MEMO and ROUTE SLIP

WCR 2 Check for Well No. 3802-06 (survey to regulation memo)

1. **Pump Tests Check (special condition of PIP? Yes/No)**
   - Glenn Bauer (initial if yes)
   - Glenn Bauer
   - Yes No
   - If no, describe deficiency
   - Step-Drawdown Test:
     - followed WCPI Stds
     - analysis attached
     - proposed pump cap o.k.
   - Aquifer Pump Test:
     - followed WCPI Stds
     - T & S analysis attached
   - Well Interference:
     - estimated Steady-State drawdown at 1-mile radius is ______ ft.
     - analysis attached
   - Stream Surface Water Impacted: □ □ ← If yes, identify most probable stream

2. **Pump Installation Check** Mitch Ohye (initial)
   - Yes No
   - If no, describe deficiency
   - data complete
   - followed WCPI Stds
   - well database updated

3. Charley/Lenore/Ryan (initial) take action based on above analysis
4. Roy (initial) check
5. Susan Subia (initial) finalize
6. Linnel (initial) signature
7. Charley/Lenore/Ryan File

---

1. If this work was for a new 275 gpm well - how come we didn't join O.K.
2. Please call Tara Robertson as verifying.
Roscoe Moss
Hawaii, A Division of Beylik Drilling, Inc.
91-259A Olai St., Kapolei, HI 96707 • Pump: (808) 682-5554 • Drill: (808) 682-5856 • Fax: (808) 682-5866

FACSIMILE TRANSMITTED

Date:       June 6, 2001

No. of Pages (including coversheet): 4

To:         Hawaiian Natural Waters

Attn:       Tate

Fax#:       (808) 966-8777

From:       Bill Moore

Subj:       State Well 3802-06
According to our file, our employee Norman Messinger transmitted via facsimile the following documents. Further, according to notes contained therein the State Well number and Tax Map Key were subsequently corrected. Messinger is no longer with our company.

These statements, to the best of my knowledge, represents the administrative action taken by RMHI regarding the well completion reports.

Messinger's originals are not in our file record, only copies of the originals. Ordinarily original copies are sent to the owner applicant for signature then forwarded to CWRM.

In this case, the originals may have been sent directly to CWRM with copies to Hawaiian Water Company.

In any case, a report was filled out and sent. Apparently the originals were lost or misfiled.
State of Hawaii  
COMMISSION ON WATER RESOURCE MANAGEMENT  
Department of Land and Natural Resources

WELL COMPLETION REPORT  
3/20/96 WCR Form

(Check Appropriate Box)  
☐ Well Construction  ☑ (Permanent) Pump Installation

Instructions: Please print or type and submit completed report within 30 days after well completion to the Commission on Water Resource Management, 607-1521, Honolulu, Hawaii 96814. An as-built drawing of the well and chemical analysis should also be submitted. For assistance call the Commission Regulation Branch at 808-522-2255 or 1-800-488-1844 Extension 70222.

1. State Well No.:  
2. Location/Address:  

PART I. WELL CONSTRUCTION REPORT

3. Drilling Company:  
4. Name of driller who performed work:  
5. Type of rig/construction:  
6. Date(s) Well Construction and pump tests (if any) completed:  
7. GROUND ELEVATION (referenced to mean sea level, msl):  
   Well Bench Mark (description/location):  
   Elevation(msl):  
8. DRILLER'S LOG: Please attach geologic log (if available or if required by permit)  

<table>
<thead>
<tr>
<th>Depths (ft.)</th>
<th>Rock Description, Water Level, Dates, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(If more space is needed, continue on back)

9. Total depth of well below ground:  
10. Hole size:  
   inch dia. from  to  ft. below ground  
   inch dia. from  to  ft. below ground  
   inch dia. from  to  ft. below ground

11. Casing installed:  
   in. I.D. x  in. wall solid section to  ft. below ground  
   in. I.D. x  in. wall perforated section to  ft. below ground

12. Annulus:  
   Grouted from  ft. below ground to  ft. below ground  
   Gravel packed from  ft. below ground to  ft. below ground

13. Initial water level:  ft. below ground.  
14. Initial chloride:  ppm  
15. Initial temperature:  °F  
16. PUMPING TESTS: Reference Point (R.P.) used:  
   which elevation is  ft.  
   (1) Step-Drawdown Test Date  
   Start water level  ft. below R.P.  
   End water level  ft. below R.P.  
   (2) Long-term Aquifer Test Date  
   Start water level  ft. below R.P.  
   End water level  ft. below R.P.  
17. Aquifer Pump Test Procedures data & graphs (1/86/86 LAT Form) attached?  
18. As-built drawings attached?  
19. Other remarks/comments:  

Well Drilling Contractor (print)  
C-57 Lic. No.  
Signature  
Date

Surveyor (print)  
Lic. No.  
Signature  
Date

Applicant (print)  
Signature  
Date
PART II. (PERMANENT) PUMP INSTALLATION REPORT

20. Pump Installation Company: ROOSE MOSS HAWAII INC

21. Name of person performing work: DEAN ROBISON

22. Date Pump Installation Completed: AUG 24, 1998

23. PUMP INSTALLATION:
   - Pump Type, Make, Serial No.: WATER PRO CA-110, 230V 400-11 Capacity: 230 gpm
   - Motor type, H.P., Voltage, rpm: WATER PRO, 310hp, 460v, 3450
   - Depth of Pump Intake Setting: 23.76 ft. below grade plate which elevation is unKnown ft.
   - Depth to bottom of airline: 235 ft below grade, which elevation is unKnown ft.
   - Pumping Head is 460 ft. Type of flow meter: TURBINE which measures in gpm.

24. As-built drawings attached? Yes

25. Other remarks/comments: (See below)

Pump Installation Contractor (print): ROOSE MOSS HAWAII INC
Lic. No: AC 16-147

Signature: [Signature]
Date: 8/26/98

Applicant (print): TATE ROBISON, V.P.

Signature: [Signature]
Date: [Date]

8. (cont'd) DRILLER'S LOG (cont'd):
   Water Level Depth (ft.) Rock Description, Remarks.
   Water Level Depth (ft.) Rock Description, Remarks.
   Dates (ft.)
   Dates (ft.)

8-0002-01 DOWSON NATURAL WATER 1


REPLACED WITH a 400 sq. ft. INCLUDES HARDWARE PIPE
Hawaiian Water Company

Depth 250'
S.w.e 204
Casing Depth 222
Open Hole 222 to 250

Franklin motor H.p 50 ph.3
model 2346186025 Hz 60/50
R.p.m. 3450/2875 Amps 67.7/82.0
Volts 460/380 max amps 77.0/82

Boils Grundfos
Typ 9p model 2306400-11
40 H.P. R.p.m. 3450
230 6 p.m. at 466 ft
June 8, 2001

Mr. Roy Hardy
STATE OF HAWAII
Department of Land and Natural Resources
Commission on Water Resource Management
P.O. Box 621
Honolulu, Hawaii 96809

RE: Well No. 3802-06 (Keaau, Hawaii).

Dear Mr. Hardy:

I am in receipt of your fax memo dated 5/10/01, which was transmitted to Ms. Michelle Loudermilk. I am both the Vice President of Hawaiian Natural Water Company as well as Hawaii Brewery Development Company, Inc., the current owner of the subject well system (No. 3802-06).

The well application, which I signed in March '98 was to cover both the possibility of constructing a new well (located in close proximity to the existing well), as well as the installation of a new pump system on the existing well. After extensive investigation by both Mr. Steven Bowles (our well consultant) and Roscoe Moss Hawaii (our well contractor), the companies decided to move forward with replacing the existing well pump and pipe shaft only as these were on the verge of failing. That work was performed in August '98 and completed on 8/24/98 per the attached Well Completion Report. Please reference the attached letter from Roscoe Moss (Mr. Bill Moore) wherein they state that this referenced Well Completion Report was transmitted to the CRWM.

My understanding is that all the necessary documentation is on file with the Commission and that our operating records were in order. If there is anything else that needs to be done (ie: additional forms filed or resubmitted etc.) please advise me as soon as possible.
I can be reached at my office in Keaau via phone (808-966-4053 direct / or 808-966-8888 main / or 808-966-8777 fax).

Thank you in advance for your quick response to my inquiry.

Sincerely,

Hawaiian Natural Water Company, Inc.  
& Hawaii Brewery Development Co. Inc.

By:  
Tate Robinson  
Its:  Vice President

Attachments:  
 a) memo from Roscoe Moss dated 6/6/01  
b) Well Completion Report dated 8/26/98

Cc: Mr. Marcus Bender – President HBDC & HNWC  
    Mr. Renton Nip  
    Well system file
To: Michelle Loudermilk

From: Roy Hardy

Date: May 10, 2001

Subject: Well application for 3802-06

Notes/Comments:

Michelle,

After looking at the file and your questions, I think you should be aware of the following:

1. Your clients do not need to file for a certificate of use since this well is already registered with the Commission. The file reference for this registered source is MIKO MEAT, who was the original owner of the unused source.

2. Since then, we know that Hawaii Brewery Development Co., Inc. became the new owner of the land (in 1993) through the attached application. A well construction was issued but later expired and has been cancelled as of 4/30/2000. No work has been reported under this permit and any work performed after this date is subject to violations and fines of up to $1000/day. If work was performed under this permit and not reported, that is also subject to violations and fines of up to $1000/day. All this info is in the fine print of the permits faxed to you by Ryan Imata. It is also important to note that according to our records no new pump should be in the well.

3. Our office has never field verified the existence of this unused source, so no 'registration of source/certificate of use' has been issued documenting the fact that this well was in existence in 1981 and unused. Since no certificate has ever been issued, there is no need to officially transfer or reissue any such document.

4. If the new owners wish to use the well, they will at least require a pump installation permit from our office. You can get the latest application form off our web site at

   http://www.state.hi.us/dlnr/cwrm/forms.htm

If you have any further questions you can call me at 587-0274. Thanks!
TO 

DATE 5/2 TIME 3 P

WHILE YOU WERE OUT

M Michelle Loudermilk
of Dunnellon for buyer of land
Phone REsearch (594-3381)

<table>
<thead>
<tr>
<th>TELEPHONED</th>
<th>PLEASE CALL</th>
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</thead>
<tbody>
<tr>
<td>CALLED TO SEE YOU</td>
<td>WILL CALL AGAIN</td>
</tr>
<tr>
<td>WANTS TO SEE YOU</td>
<td>URGENT</td>
</tr>
</tbody>
</table>

RETURNED YOUR CALL

Message

- Just let her know
- 1) WEP expired & no new
- 2) Should apply for PIP before installing pump & using

Operator

3) Cert of use not required
### PUBLIC RECORD DATA

**TMK # 3-1-6-141-1**

**Owner:** HI BREWERY DEVMT CO INC  
**Tax Payer:** HAWAII BREWERY DEV CO INC  
**Tax Bill:** 98-746 KUAHAO PL, PEARL CITY, HI 96782  
**USA**

<table>
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<tr>
<th>Field</th>
<th>Value</th>
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<tr>
<td>Owner</td>
<td>HI BREWERY DEVMT CO INC</td>
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<td>Tax Payer</td>
<td>HAWAII BREWERY DEV CO INC</td>
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<td><strong>Fee Tenure</strong></td>
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<td><strong>Semi-Annual Tax</strong></td>
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### SALES

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<td>9/17/1993 L-M</td>
<td>HAWAII BREWERY DEV CO INC <em>(CANCELLATION OF LEASE)</em></td>
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<td></td>
<td>LCD 2066823</td>
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<td>9/17/1993 DEED</td>
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<td></td>
<td>LCD 2066824</td>
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### PUBLIC RECORD DATA

**TMK # 3-1-6-141-24**

| **Owner:** HAWAII BREWERY DEVMT CO INC |
|---|---|
| **Tax Payer:** HAWAII BREWERY DEV CO, INC |
| **Tax Bill:** 4747 KILAUEA AVE #213, HONOLULU, HI96816 |
| **USA** |
| **Fee Tenure:** Simple |
| **Semi-Annual Tax:** $0.00 |

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<tr>
<th><strong>Assessed Value</strong></th>
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<th><strong>Dwellings:</strong></th>
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<td>Buildings: $0</td>
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</table>

**SALES**

- **7/7/1981 DEED**
  - WH SHIPMAN LTD
  - $50,000 LCD 1078120
- **11/5/1993 QD**
  - HAWAII BREWERY DEV CO INC
  - $0 LCD 2084448

**PITT Code:** 500  **Zoning:** A-20A  **Land Use:** 0  **Nbhood Code:** 1100  **Subdivision:** Keaau

**Condo Name:**

---

http://webresearch.hawaiiinformation.com/REsearch/FindCD.htm  5/2/2001
**ISLAND CODE**

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<th>Well No.</th>
<th>Well Name</th>
<th>Aquif Code</th>
<th>Owner/User</th>
<th>Year Drilled</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Type</th>
<th>Case Dia in.</th>
<th>Total Depth ft.</th>
<th>Bottom Solid Casing</th>
<th>Bottom Perf Casing</th>
<th>Bottom of Hole</th>
<th>Static Head</th>
<th>Cl- Temp</th>
<th>Specific Capacity</th>
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<td>80402</td>
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<td>1936</td>
<td>193757</td>
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<td>UNU</td>
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</table>

**Coordinates**

**Physical Data**

**Elevations in feet (msl)**

**Initial**

**Pump Test Result**
### SECTION 1: WELL LOCATION INFORMATION

<table>
<thead>
<tr>
<th>Island</th>
<th>HAWAII</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquifer System</td>
<td>NE MAUNA LOA</td>
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<tr>
<td>Aquifer Sector</td>
<td>KEAAU</td>
</tr>
</tbody>
</table>

#### Proposed Use: Municipal

#### Proposed Withdrawal: 144000

#### System Sustainable Yield: 393

### SECTION 2: WELL SECTION DATA  (enter data in grey cells only)

<table>
<thead>
<tr>
<th>Elevation at top of casing</th>
<th>ft., m.s.l.</th>
<th>Solid Casing Material</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground Elevation</td>
<td>ft., m.s.l.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cement Grout</td>
<td>ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rock Packing</td>
<td>ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hole Diameter</td>
<td>in.</td>
<td></td>
<td></td>
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<tr>
<td>Total Depth</td>
<td>ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Estimated Head</td>
<td>ft., m.s.l.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calculated Aquifer Thickness</td>
<td>574 ft.</td>
<td>Casing Material Designation</td>
<td></td>
</tr>
<tr>
<td>County Water Supply (Y/N ?)</td>
<td>N</td>
<td>Openings Square inch per foot</td>
<td></td>
</tr>
</tbody>
</table>

### SECTION 3: CHECKLIST  (values to check are shaded)

#### Well Depth

- Theoretical Thickness of Aquifer: 574 ft.
- 1/4 Aquifer Thickness: 143.5 ft.
- Depth of Well below Sea Level: 23.78 ft. okay (refer to HWCPIS Section 2.2)

#### Well Casing

- Minimum Wall Thickness
  - Material: Steel  
  - County or Non-County: Non-County  
  - Minimum Thickness per standards: 0.250 in.  
  - Wall Thickness Provided: 0.375 in. okay (refer to HWCPIS Section 2.4 c)

#### Casing Material

- ASTM A-242: N/A (refer to HWCPIS Section 2.4 e)

#### Annular Space

- If the cell above reads N/A, reference HWCPIS

#### Depth of Grouting

- Calculated Depth of Grouting: 148.6 ft.
- Thickness of Annular Space: 0 in. too small (refer to HWCPIS Section 2.6 d)
Dear Mr. Robinson:

Well Construction Permit
Hawaiian Natural Water #1 Well (Well No. 3802-06)

Enclosed are two (2) copies of your approved Well Construction Permit for the captioned well(s) which authorizes well construction activities but excludes installation work for your permanent pump. As part of the Chairperson's approval, the following special conditions were added and are part of your permit under Permit Condition 12:

**Special Conditions**

1. The depth of grouting shall be a minimum of 500 feet or 70% of the distance between the ground surface and the top of the aquifer, whichever is less, in accordance with the Hawaii Well Construction and Pump Installation Standards (HWCPIS).

2. The annular space shall be a minimum of 3" per the HWCPIS.

(Also attached for your information is a copy of the Department of Health's review comments.)

This permit does not authorize work for your permanent pump installation issuance of your pump installation permit is contingent upon completed application provided to and accepted by Commission staff as required in the Well Construction Installation Standards (1/23/97) and any special conditions performed under this per. accordance with the Commission's April 15, 1998 Declaratory Ruling No. DEC-A1 states that:

"Permanent pump installation for capacities between 0-70 gpm and where the proposed use is for private ind. in non-ground-water management areas may be allowed prior to the final pump installation permit issuance. required as a condition of the well construction permit, subsequent pumping tests shall validate the acceptability of the permanent pump. The permanent pump installed prior to final pump installation permit issuance is subject to removal if the testing shows that a smaller pump is required to reduce the potential of affecting neighboring wells and localized upconing at the applicant's well,"

a permanent pump may be installed prior to the permanent pump installation permit issuance. If you qualify and wish to take advantage of this ruling, please include a written request to install the permanent pump prior to final pump installation permit issuance when you return to us your validated well construction permit.
To validate your permit, please sign and have the contractor sign both permit originals and return one for our files. Also, copies of the aquifer pump test worksheet and the well completion report form are enclosed for your use. Please provide all the information in this packet to your well drilling contractor.

IMPORTANT - The well owner is responsible for all conditions of the permit. This includes ensuring that the well construction contractor, or other party who constructs the well(s), submits a completed Part I of the Well Completion Report form (enclosed) within sixty (60) days after the well construction work is completed. Be advised that you may be subject to fines of up to $1000 per day for any violations of your permit conditions.

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

Aloha,

for: MICHAEL D. WILSON
Chairperson

Enclosures
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 Hawaiian Natural Water #1 Well (Well No. 3802-06) at Keeau, Hawaii, TMK 1-6-141: 061, subject to the Hawaii Well Construction & Pump Installation Standards (1/23/97) 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.

2. The well construction permit shall be for construction and testing of the well only. A minimum one-inch diameter monitor tube shall be permanently installed, in a manner acceptable to the Chairperson, to accurately record water levels. The permittee shall coordinate with the Chairperson and conduct a pumping test in accordance with the Standards (a pump testing worksheet is attached). The permittee shall submit to the Chairperson the test results as a basis for supporting an application to install a permanent pump and withdraw water for use. No permanent pump may be installed until a pump installation permit is approved and issued by the Chairperson.

3. 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.

4. 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.

5. In the event that subsurface cultural remains such as artifacts, burials or concentrations of shells or charcoal are encountered during construction, the permittee shall stop work and contact the Department’s Historic Preservation Division (587-0045) immediately.

6. 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.

7. The following shall be submitted to the Chairperson within sixty (60) days after completion of work:
   b. Elevation (referenced to mean sea level, msl) survey by a Hawaii-licensed surveyor.
   c. As-built sectional drawing of the well.
   d. Plot plan and map showing the exact location of the well.
   e. Complete pumping test records, including time, pumping rate, drawdown, chloride content, and other data.

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

9. The well construction permit application is incorporated into this permit by reference and is subject to the Hawaii Well Construction & Pump Installation Standards (1/23/97).

10. The permit may be revoked if work is not started within six (6) months after the date of approval or if work is suspended or abandoned for six (6) months, unless otherwise specified. 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 three (3) months prior to the date the permit expires. If the commencement date is not met, the Commission may revoke the permit after giving the permittee notice of the proposed action and an opportunity to be heard.

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

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

Date of Approval: April 30, 1998
Expiration Date: April 30, 2000

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. I also understand that non-compliance with any permit condition may be grounds for revocation and fines of up to $1000 per day.

Permittee’s Signature: ___________________________ Date: ____________
Printed Name: ___________________________ Firm or Title: ___________________________
Driller’s Signature: ___________________________ License #: ____________ Date: ____________
Printed Name: ___________________________ Firm or Title: ___________________________

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

Attachment
USGS
Department of Health/ Safe Drinking Water, Wastewater, and Clean Water Branches
Hawaii Department of Water Supply
TO: Honorable Lawrence Miike, Director  
Department of Health  
Attention: Dennis Tulang, Wastewater Branch  
William Wong, Safe Drinking Water Branch

FROM: Michael D. Wilson, Chairperson  
Commission on Water Resource Management

SUBJECT: Well Construction Permit Application  
Hawaiian Natural Water #1 Well (Well No. 3802-06)

Transmitted for your review and comment is a copy of the captioned well 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 April 30, 1998.

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

RESPONSE:

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

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

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

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

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

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

No comments/objections

Contact Person: Lori N. Kajiwara  
Phone: 586-4294  
Signed:  
Date: 4.23.98
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT
P. O. BOX 621
HONOLULU, HAWAII 96809

APR 16 1998

Honorable Lawrence Miike, Director
Department of Health
Attention: Dennis Tulang, Wastewater Branch
William Wong, Safe Drinking Water Branch

Michael D. Wilson, Chairperson
Commission on Water Resource Management

SUBJECT: Well Construction Permit Application
Hawaiian Natural Water #1 Well (Well No. 3802-06)

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

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

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

[ ] No comments/objections

Contact Person: William Wong
Phone: 586-4258
Date: APR 21 1998

Signed: William Wong
Mr. Tate Robinson
Hawaii Brewery Development Co., Inc.
248 Mokaua Street
Honolulu, HI 96819

Dear Mr. Robinson:

Well Construction / Pump Installation Permit Application for Well No. 3802-06

We acknowledge receipt, on April 9, 1998, of your completed well construction / pump installation permit application for the Hawaiian Natural Water #1 Well (Well No. 3802-06). You can expect your application to be processed within ninety (90) days from this date.

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

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

Sincerely,

[Signature]
EDWIN T. SAKODA
Acting Deputy Director

RI:ss
TO: Honorable Lawrence Miike, Director
   Department of Health
   Attention: Dennis Tulang, Wastewater Branch
   William Wong, Safe Drinking Water Branch

FROM: Michael D. Wilson, Chairperson
   Commission on Water Resource Management

SUBJECT: Well Construction Permit Application
   Hawaiian Natural Water #1 Well (Well No. 3802-06)

Transmitted for your review and comment is a copy of the captioned well 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 April 30, 1998.

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

RESPONSE:

[ ] This well qualifies as a source which will serve as a source of potable water to a public water system (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, §11-25-29.

[ ] 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.

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

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

[ ] No comments/objections

Contact Person: ___________________________ Phone: ___________________________

Signed: ___________________________ Date: ___________________________
<table>
<thead>
<tr>
<th>F YR APP D</th>
<th>SRC OBJ</th>
<th>COST CTR</th>
<th>PROJECT</th>
<th>PH ACT</th>
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REMARKS: LINE (1) [Redacted]
LINE (2)
LINE (3)

---

Hawaii Brewery Development Co., Ltd.

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```
Bank of Hawaii
WAIALAE-KAHALA BRANCH, HONOLULU, HAWAII

NO. 01109  59-1021213
NOVEMBER 20, 1997

PAY TO THE ORDER OF DEPT. OF LAND & NATURAL RESOURCES $25.00

HAWAII BREWERY DEVELOPMENT CO LTD
PH. 733-1007
4747 KILAUEA AVE
HONOLULU, HI 96816
Application for Permit

[Signature]

---

P-126
```
1. A) WELL OWNER:
Firm Name: Hawaii Brewery Development Co. Inc.
Contact Person: Tate Robinson
Address: 248 Moauea St.
Honolulu, Hawaii 96819

B) LANDOWNER:
Firm Name: Hawaii Brewery Development Co. Inc.
Contact Person: Tate Robinson
Address: 248 Moauea St.
Honolulu, Hawaii 96819

C) CONTRACTOR
Name: (to be determined)
Address: (to be determined)

2. WELL LOCATION: Hawaiian Natural Water Well #1 (No. 3802-06)
Island: Hawaii
Address: Kekau, Hawaii
Tax Map Key: 1-6-141:1

3. A) PROPOSED WORK
[ ] Drill New Well
[ ] Alter Location
[ ] Modify existing well
[ ] Re-drill
[ ] Install New Pump
[ ] Replace Pump
[ ] Deepen
[ ] Abandon Seal
[ ] Modify Pump

B) WELL TYPE
[ ] Dug
[ ] Bored
[ ] Driven
[ ] Radial
[ ] Drilled

Is this well part of a battery of wells? [X] Yes [ ] No
(Briefly describe the proposed work and fill in the diagram on the back of this form.)

4. PROPOSED PUMP INFORMATION: Rated Pump Capacity 225 (gpm)

Motor:
[ ] Deep Well Turbine
[ ] Rotary
[ ] Propeller
[ ] Gas

[ ] Submersible
[ ] Rotary-Displacement
[ ] Reciprocating
[ ] Gas

[ ] Centrifugal
[ ] Rotary - Gear
[ ] Impulse
[ ] X Electric
rated hp -30 hp

5. PROPOSED USE
[ ] Municipal (including hotels, stores, etc.)
[ ] Domestic (individual, non-commercial water systems)
[ ] Irrigation (specify)

[ ] Military
[ ] Industrial
[ ] Other (specify):

State Land Use District: [ ] Urban [X] Agriculture [ ] Rural [ ] Conservation
County Zoning (describe): Agriculture

6. A) PROPOSED AMOUNT OF WITHDRAWAL: 144,000 gallons per day (Maximum pumpage - 24 hours)

B) METHOD OF FLOW MEASUREMENT: [X] Flow-meter
[ ] Open pipe
[ ] Orifice Plate
[ ] Weir

7. PENDING ACTIONS:
[ ] CDUA
[ ] SMA
[ ] EIS
[ ] EA
[ ] NONE
[ ] Other
(see attached EA)

8. REMARKS: This well is an existing production well for bottling water. The solid casing will be extended below the water level to better insure protection from contaminates.

Signing below indicates that the applicant understands that, if the permit requested is granted by the Commission on Water Resources Management, the proposed work is to be completed within tow (2) years from 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 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 not constitute a determination of correlative water rights and shall not guarantee the pump capacity or future use up to the permitted pump capacity.

Well Owner:
Hawaii Brewery Development Co. Inc.
Signature: Tate Robinson
Date: 2/1/98

Landowner:
Hawaii Brewery Development Co. Inc.
Signature: Tate Robinson
Date: 2/1/98

For Official Use Only:
Date Received: ____________________
Date Accepted: ____________________
Field Checked By: __________________
Date: _____________________________
Latitude: __________________________
Longitude: _________________________
State Well No.: ____________________

COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
Division of Water Resource Management
A new liner casing will be installed to extend the solid casing below the water level. Currently the solid casing terminates above the water level, exposing the well to potential contamination from constituents floating on the top of the aquifer. The new casing liner will extend down below the water level. A new section of well will be drilled out the bottom of 25 feet.
Recasing of Well #3802-06
not to scale
WWS 3/25/98

hawaiian water \ well permit#1
WELL LOCATION MAP

Hawaiian Natural Water Co.
Existing Well Modifications
Miko Meat Corp. (Owner)

Big Isle Drilling Co.

Gentlemen:

Location Map of Production Well #1 (TMK - 1-6-141:001)

Enclosed herewith is a map of the project area. Please accurately mark the location of the well and return the map to our office with the completed forms. Thank you very much for your cooperation.

Very truly yours,

Robert T. Chuck
Manager-Chief Engineer

Encl.
STATE OF HAWAII
DEPARTMENT OF LAND & NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT
DRILLER'S REPORT

Date of report: 8/26/81

Owner: Miko Meat Corp.

Well Name: Production Well #1

Location: TMK #1-6-141-001 4ml. makai Volcano Hwy, Puna district

Type of Rig: Cable/ Rotary

Drilling Company: BIG ISLAND DRILLING

Date of measurement: 7/29/81

Description:

Elevation: Top of casing: 216 ft.

Casing:

Depth:

Gravel packed: 101 ft.

Water level:

Pumping tests:

Sampling date: 7/30/81

Formation:

For Driller's use:

FOR OFFICIAL USE

Latitude: 19° 26' 18"

Longitude: 155° 07' 22"

Well No.: H-80-100

INSTRUCTIONS: Send three(3) copies to: Manager-Chief Engineer, Division of Water and Land Development, P. O. Box 373, Honolulu, Hawaii 96809.

Big Island Drilling
P.O. Box 4519, Hilo, Hawaii 96720

Miko Meat Corporation
Production Well #1
TMK #1-6-141-001
Puna District, Island Of Hawaii

PUMP TEST #1
TOC 216 FT.

September 17, 1980
Pump:

Well Depth:
Static Level:
Pump Intake:
GPM:
Drawdown:
Test Duration:
Recovery Time:

Peabody-Barnes Submersible 7-stage
Model #620-20-3 20hp 230vac 3ph
3450 RPM Franklin
228' below Top of Casing
208'
218'
210'

8 hours
Instantaneous

PUMP TEST #2

April 16, 1981
Pump:

Well Depth:
Static Level:
Pump Intake:
GPM:
Drawdown:
Test Duration:
Recovery Time:
Recovered Static:

Goulds Submersible 7-stage
Model #UH66QX7 30hp 230vac 3ph
3450 RPM Franklin
228'
210'
220'

Unmeasurable
10' (Pumped Dry)
3 minutes
1 hour

211' (Re-checked static following
day - still at 211')

PUMP TEST #3

July 29, 1981
Pump:

Well Depth:
Static Level:
Pump Intake:
GPM:
Drawdown:
Test Duration:
Recovery Time:
Recovered Static:

Goulds (same as in test #2)
241'
212'
241'

275'
2 feet
8 hours
Instantaneous

212'

©'s are our business!
Big Island Drilling

P.O. Box 4519, Hilo, Hawaii 96720

TEST PUMP REPORT

Miko Meat Corporation
Production Well #1
TNR #1-6-141-001
Puna District, Island Of Hawaii

PUMP TEST #1
September 17, 1980
Pump:

Well Depth:
Static Level:
Pump Intake:
GPH:
Draydown:
Test Duration:
Recovery Time:

Peabody-Harves Submersible 7-stage
Model #610-80-3 20hp 230vac 3ph
3450 RPM Franklin
228' below Top of Casing
208'
218.4'
210'
½'
8 hours
Instantaneous

PUMP TEST #2
April 16, 1981
Pump:

Well Depth:
Static Level:
Pump Intake:
GPH:
Draydown:
Test Duration:
Recovery Time:
Recovered Static:

Goulds Submersible 7-stage
Model #XN66QIC 30hp 230vac 3ph
3450 RPM Franklin
228'
210'
220'
Unmeasurable
10' (Pumped Dry)
3 minutes
1 hour
211' (Re-checked static following
day - still at 211')

PUMP TEST #3
July 29, 1981
Pump:

Well Depth:
Static Level:
Pump Intake:
GPH:
Draydown:
Test Duration:
Recovery Time:
Recovered Static:

Goulds (same as in test #2)
251'
212'
241'
275'
2 feet
8 hours
Instantaneous
212'

O's are our business!
Big Island Drilling
P.O. Box 4519, Hilo, Hawaii 96720

TEST PUMP REPORT

Mike West Corporation
Production Well #1
TMK #6-141-001
Puna District, Island of Hawaii

PUMP TEST #1
September 17, 1980
Pump:

- Well Depth:
- Static Level:
- Pump Intake:
- GPM:
- Drawdown:
- Test Duration:
- Recovery Time:

Peabody-Darwin Submersible 7-stage
Model #430-80-3 20hp 230vac 3ph
3450 RPM Franklin
228' below Top of Casing
208'
210'
210'
1/2'
8 hours
Instantaneous

PUMP TEST #2
April 16, 1981
Pump:

- Well Depth:
- Static Level:
- Pump Intake:
- GPM:
- Drawdown:
- Test Duration:
- Recovery Time:
- Recovered Static:

Goulds Submersible 7-stage
Model #UM66QX7 30hp 230vac 3ph
2450 RPM Franklin
228'
210'
220'
Unmeasurable
10' (Pumped Dry)
3 minutes
1 hour
211' (Re-checked static following day - still at 211')

PUMP TEST #3
July 29, 1981
Pump:

- Well Depth:
- Static Level:
- Pump Intake:
- GPM:
- Drawdown:
- Test Duration:
- Recovery Time:
- Recovered Static:

Goulds (same as in test #2)
251'
212'
241'
275
2 feet
8 hours
Instantaneous
212'

Q's are our business!