REGISTRATION OF WELL
AND
DECLARATION OF WATER USE

INSTRUCTIONS: Please type or print. If information is not available or not applicable, indicate as N/A. Fill out as completely as possible, sign, and file form with the Division of Water Resource Management, P.O. Box 373, Honolulu, Hawaii 96809. Phone 548-3946 or 548-7543 for assistance.

BATTERY OF WELLS: For a battery of wells, on the surface, in a tunnel, or in a shaft, submit a registration form for each well together with a single map or plot plan showing layout of wells.

STATE WELL NO.: 12
ISLAND: Hawaii

SOURCE OR STATION NAME (For a battery of wells):

A. WELL OPERATOR
Firm name: Brian T. Walsh
Contact person: 
Address: 16 Box 12434
Zip: 96813 Phone: 589-2735

B. OWNER OF WELL SITE
Firm name: Brian T. Walsh
Contact person: 
Address: 16 Box 12434
Zip: 96813 Phone: 589-2735

C. WELL LOCATION
Tax Map Key: 5-9 1-1
Town, Place, District: Kailua-Kona, Island of Hawaii

Attach USGS "Quad" map (scale 1:24,000), tax map, or other map showing the well location.

D. WELL DATA
For Drilled Wells, submit "as-built" drawing, driller's log, and pump test results, and complete items below.
For Tunnels and Shafts, submit construction drawings, plot plan, or sketch map.

Ground elevation (Mean sea level): 250.3 ft.
Reference point (Used to measure depth to water): 250.3 ft.
Elevation: 250.3 ft.
Description: Ground level

Depth to water (Below reference point): 45 ft.
Maximum recorded chloride: 180 ppm
Minimum recorded chloride: 180 ppm
Maximum chloride in 1987: 180 ppm
Minimum chloride in 1987: 180 ppm

E. INSTALLED PUMP DATA
Pump type: Vertical shaft
Power: Diesel, 25 HP
Pump capacity: 30 gallons per minute
Pump installation contractor: 

For Official Use Only:
Date received: 
Date accepted: 
Field checked by: 
Date: 
Latitude: 
Hydrologic Unit: 
Comments: 
Longitude: 
State Well No.: 

References: Hawaii Revised Statutes, Chapter 174C.
Hawaii Administrative Rules, Chapters 13-167 to 13-171.
NOTE: The purpose of the Declaration of Water Use is to obtain information necessary for the management of the State’s water resources. The Declaration does not confer a legal right to water or its use.

Water use data are recorded:  □ Daily  □ Weekly  □ Monthly

Method of measurement:  □ Flow Meter  □ Orifice  □ Other (Describe): __________________________

Quantity of Use (Report metered or estimated monthly water use from the well described on the reverse side of this form, for the calendar years 1983 through 1987. For a battery of wells which are not individually metered, but which are connected to a single meter or other measuring device, report total use from the battery):

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>February</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>March</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>April</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>May</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>June</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>July</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>August</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>September</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>November</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>December</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Annual</td>
<td>200,000</td>
<td>400,000</td>
<td>500,000</td>
<td>500,000</td>
<td>500,000</td>
</tr>
</tbody>
</table>

Minimum day’s use: ___________________________ gallons  

Maximum day’s use: ___________________________ gallons

Typical times of usage: ___________________________

Type of Use (Check all boxes that apply and provide additional information as indicated):

- Municipality (including resorts, hotels, businesses)
- Domestic (systems serving 25 people or less)
- Irrigation
- Industrial (specify): ___________________________
- Military
- Other (specify, livestock, aquaculture, etc.): ___________________________

I declare that the contents of the above Declaration of Water Use are, to the best of my knowledge and belief, true, correct, and complete.

Water User’s Signature: ___________________________  Date: ____________

Printed Name: ___________________________  Firm or Title (Well Operator, etc.): ___________________________
Mr. Sanford K. Okura  
Dixon & Okura  
Attorneys at Law  
155 Walluku Drive  
Hilo, Hawaii 96720

Dear Mr. Okura:

This is regarding your letter of July 19, 1988, concerning Well No. 6456-02 located at Kohala Estates (Tax Map Key: 5-9-07-4), Kawaihae, Hawaii. The facts are as follows:

1. A well drilling permit (copy enclosed) was issued to Mr. Brian Walsh on October 3, 1983.

2. In May 1984, Mr. Walsh telephoned our office and reported that the well was being drilled and provided us with some preliminary water level, chloride, and well depth data.

3. In April 1985, the Division of Water and Land Development (DOWALD) contacted Mr. Walsh by phone to discuss the status of the well. At that time, water use from the well was reported to be about 135,000 gallons per day.

4. In May 1985, the well was field checked by DOWALD staff to verify its location and obtain a water sample for chloride analysis from a hose bib connected to the well. No further well data was obtained because the well was housed within a plywood shack.

I hope the above information is satisfactory for your purposes.

Very truly yours,

WILLIAM W. PATY, Chairperson  
Commission on Water Resource Management

MT:ES:DL:ko
July 19, 1988

Mr. William W. Paty
Chairperson of the Board of Land and Natural Resources
P. O. Box 621
Honolulu, Hawaii 96809

Re: State Well No. 6450-02, Kawaihae, Hawaii
Our File No. 1870/2

Dear Mr. Paty:

My client, Brian Walsh, needs an affidavit confirming that since the above-captioned well was already drilled in the past, the Department of Land and Natural Resources did not require any permit for said well at any time during the year 1988.

I have discussed this matter with Mr. Edward Sakoda, geologist for the Department.

If the attached Affidavit meets your approval, would you be so kind as to sign it in black ink, have your signature notarized, and have it returned to my attention. Thank you for your assistance.

Very truly yours,

SANFORD K. OKURA

Enclosure

cc: Mr. Brian Walsh
AFFIDAVIT OF WILLIAM W. PATY

STATE OF HAWAII  )
CITY AND COUNTY OF HONOLULU  ) ss.

WILLIAM W. PATY, being duly sworn on oath, deposes and says:

1. That your affiant is the Chairman of the Board of
   Land and Natural Resources of the State of Hawaii.
2. That your affiant is competent to testify to the
   matters stated herein and makes this Affidavit on personal
   knowledge.
3. That your affiant has reviewed the permit require-
   ments of the Department of Land and Natural Resources as they
   apply to State Well No. 6450-02 at Kawaihae, Hawaii.
4. That because State Well No. 6450-02 was drilled
   prior to the year 1988, at no time during the year 1988 has the
   Department of Land and Natural Resources of the State of Hawaii
   required any permit to be in place for said State Well No.
   6450-02.

And further your affiant sayeth naught.

DATED: Honolulu, Hawaii, ________________________.

WILLIAM W. PATY

Subscribed and sworn to before me
this ___ day of __________, 1988.

______________________________
Notary Public, State of Hawaii

My commission expires: __________
WELL DRILLING PERMIT

for

State Well No. 6450-02
Kawaihai, Hawaii

TO: Mr. Brian Walsh
P.O. Box 4645
Kawaihai, Hawaii 96743

In accordance with Chapter 166 of Title 13, "Rules for the Control of Ground Water Use in the State of Hawaii," your application to drill State Well No. 6450-02 is approved subject to the following conditions:

1. A Driller's Well Completion Report (enclosed) shall be submitted to the Division of Water and Land Development within 60 days after completion of the well.

2. Pumping test data shall be submitted to the Division of Water and Land Development within 60 days after testing of the well.

3. Monthly pumpage records shall be submitted after the well is put into production.

4. Upon completion of the well, submit an "as-built" drawing of the well and a map showing the exact location of the well.

5. The applicant comply with all applicable rules, ordinances, and laws.

Enc. Driller's Report Form

Susumu Ono
Chairperson of the Board

Date of Issuance

10/3/83

Enc. Driller's Report Form

Bcc: USGS
Dept. of Health
Hawaii DWS
<table>
<thead>
<tr>
<th>From:</th>
<th>Date: 1/085</th>
<th>File Th:</th>
<th>To Initiate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manabu Tagomori</td>
<td>Take action by</td>
<td>See Me</td>
<td></td>
</tr>
<tr>
<td>Takeo Fujii</td>
<td>Route to your branch</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Harold Sakai</td>
<td>Review &amp; comment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>George Morimoto</td>
<td>Draft reply by</td>
<td>For Information</td>
<td></td>
</tr>
<tr>
<td>Herbert Morimatsu</td>
<td>Xerox distributed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>George Miyashiro</td>
<td>Acknowledge receipt</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Albert Ching</td>
<td>File</td>
<td></td>
<td></td>
</tr>
<tr>
<td>George Matsumoto</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Daniel Lum</td>
<td>Jane Sato</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paul Matsuo</td>
<td>Doris Hamada</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Noboru Kaneshiro</td>
<td>Lorraine Nanbu</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Edwin Sakoda</td>
<td>Jean Siarot</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leslie Asari</td>
<td>Elsie Yonamine</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Kay Oshiro</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Dear Mr. & Mrs. Tunnicliff:

Thank you for your letter of March 1, 1985, regarding a well owned by Mr. Brian Walsh, located within the Kohala Estates subdivision on the Big Island.

I forwarded your letter to the Departments of Land and Natural Resources, Health, and Labor and Industrial Relations for investigation. You will be hearing from them shortly.

With warm personal regards, I remain,

Yours very truly,

George H. Ariyoshi

Hon. Susumu Ono
Hon. Leslie Matsubara
Hon. Joshua C. Agsalud
**Kohala Estates 6450-02**

**Field Check of Well**

---

**Table:**

<table>
<thead>
<tr>
<th>To</th>
<th>Initial</th>
<th>Task Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manabu Tagomori</td>
<td>See me</td>
<td></td>
</tr>
<tr>
<td>Albert Ching</td>
<td>Call</td>
<td></td>
</tr>
<tr>
<td>Daniel Lum</td>
<td>Take action by</td>
<td></td>
</tr>
<tr>
<td>George Matsumoto</td>
<td>Review &amp; comment</td>
<td></td>
</tr>
<tr>
<td>Nobu Kaneshiro</td>
<td>Draft reply by</td>
<td></td>
</tr>
<tr>
<td>Tom Nakama</td>
<td>Type draft</td>
<td></td>
</tr>
<tr>
<td>Paul Matsuo</td>
<td>Type final</td>
<td></td>
</tr>
<tr>
<td>Edwin Sakoda</td>
<td>Xerox copies</td>
<td></td>
</tr>
<tr>
<td>Neal Imada</td>
<td>Mail</td>
<td></td>
</tr>
<tr>
<td>Joe Menor</td>
<td>Acknowledge receipt</td>
<td></td>
</tr>
<tr>
<td>Jon Kurio</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mitchell Ohye</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sherrie Samuels</td>
<td>Approval</td>
<td></td>
</tr>
<tr>
<td>Kay Oshiro</td>
<td>Signature</td>
<td></td>
</tr>
<tr>
<td>Doris Hamada</td>
<td>Information</td>
<td></td>
</tr>
</tbody>
</table>

---

**Signatures:**

- R. Chuck
- J. Sakai
- B. Koyanagi
- T. Fujii
- E. Yonamine
- R. Jinnai
- J. Yoshimoto
MEMO

TO

FROM M. Ohye

DATE June 4, 1985

SUBJECT Field check of Kohala Estates Well 6450-02

MESSAGE: On May 30, 1985 I visited the subject well and observed the following: There were no homes or cesspools in the immediate area of the well. The closest home is located approx. 150 yards away (see photo - home in background). The only crops noticable were flowers and plants which are grown commercially in a nursery, located 100 yards mauka of Mahukona Hiway in Kohala Estates (Kawabata's Nursery?).

The well lies approx. 1.4 miles mauka of Mahukona Hiway and 300 ft. off of Ala Kahua Drive (see attached map).

Well is housed over with a plywood shack. (See picture)

There is a 3 inch PVC line leading out of well through the driveway to Ala Kahua Drive, from there the 3 inch line is buried. I obtained a water sample from a hose bib connected to well. Chloride = 180 ppm

Signed Mitchell K. Ohn
<table>
<thead>
<tr>
<th>Division of Water and Land Development</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>From:</strong> [Signature]</td>
</tr>
<tr>
<td><strong>To</strong></td>
</tr>
<tr>
<td>Manabu Tagomori</td>
</tr>
<tr>
<td>Takeo Fujii</td>
</tr>
<tr>
<td>Harold Sakai</td>
</tr>
<tr>
<td>George Morimoto</td>
</tr>
<tr>
<td>Herbert Morimatsu</td>
</tr>
<tr>
<td>George Miyashiro</td>
</tr>
<tr>
<td>Albert Ching</td>
</tr>
<tr>
<td>George Matsumoto</td>
</tr>
<tr>
<td>Daniel Lum</td>
</tr>
<tr>
<td>Paul Matsuo</td>
</tr>
<tr>
<td>Noboru Kaneshiro</td>
</tr>
<tr>
<td>Edwin Sakoda</td>
</tr>
<tr>
<td>Leslie Asari</td>
</tr>
<tr>
<td>[Blank]</td>
</tr>
<tr>
<td>[Blank]</td>
</tr>
</tbody>
</table>
May 6, 1985

Manager-Chief Engineer
Division of Water and Land Development
P.O. Box 373
Honolulu, HI. 96809

Dear Sir:

About your request for a completion report Brian Walsh Well 6450-02 permit number.

At this time I can not file a well drilling log for the following reasons:

1. Well Permit Number 6450-02 is not for Brian Walsh Land.

2. The well I did drill was Owner/Builder and Mr. Walsh has gone Public with it in less than the time required Owner/Builder requirements. He is selling both water and interest in the well itself.

3. The well has not been developed or tested properly, an is not sealed, according to Hawaiian State Regulations. Mr. Walsh fired me on completion of drilling-less pipe and pump installation, developing and pump testing. Mr. Walsh had agreed to pay me for work already completed and fired me to avoid paying monies due.

4. The well is under litigation for Services rendered. The Case Number is Civil No. 9801 in the Third Circuit Court of the State of Hawaii.

Thank you,

William Tunnicliff
P.O. Box 3339 W.V.S.
Kamuela, Hawaii 96743
May 2, 1985

Mr. William Tunnicliff
P.O. Box 3339 WVS
Kamuela, Hawaii 96743

Dear Mr. Tunnicliff:

Thank you for your letter of April 9, 1985, regarding Hawaii's ground water resources.

We are aware that a great amount of ground water escapes to the sea, especially on the island of Hawaii. This loss is due to the lack of impermeable coastal caprock barriers, such as those we have here on Oahu. Your idea of building an "inland continuous sea wall" would be theoretically possible, but may be economically unfeasible.

We welcome any ideas to enhance and protect our ground water resources. Please contact the Department of Land and Natural Resources to convey your thoughts.

Yours very truly,

[Signature]
George R. Arima

Div. of Water &
Land Development

bcc: Hon. Susumu Ono
Your Honour Mr. Ariyoshi;

I am a well driller with thirty-five years experience working with ground water, its cause and effect.

I am making this proposal that there is a huge amount of ground water loss here in Hawaii. This loss could be corrected by building an inland continuous sea wall five feet under the sea level to 0 feet sea level.

I, also, have some ideas about arresting ground water pollution, that your honour might well be interested in.

Thank you for your consideration.

Sincerely,

William Tunnicliff
P.O. Box 3339 WVS
Kamuela, HI. 96743
April 15, 1985

Mr. William Tunnicliff  
P.O. Box 3339 W.V.S.  
Kamuela, Hawaii 96743

Dear Mr. Tunnicliff:

Mr. Brian Walsh, who owns well 6450-02 at Kohala Estates, has informed us that you drilled his well and have access to the data needed to fill out the Driller's Well Completion Report. Enclosed is a copy of the Driller's Well Completion Report. Please fill it out as completely as possible and return it to us so we can add it to our data bank. Thank you for your cooperation in this matter.

If you have any questions, please contact Mr. Ed Sakoda at 548-7543 in Honolulu.

Very truly yours,

[Signature]

Makabu Tagomori  
Manager-Chief Engineer

ES:ko  
Enc.
<table>
<thead>
<tr>
<th>From:</th>
<th>Date:</th>
<th>File In:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Division of Water and Land Development**

**From:**

<table>
<thead>
<tr>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manabu Tagomori</td>
</tr>
<tr>
<td>Takeo Fujii</td>
</tr>
<tr>
<td>Harold Sakai</td>
</tr>
<tr>
<td>George Morimoto</td>
</tr>
<tr>
<td>Herbert Morimatsu</td>
</tr>
<tr>
<td>George Miyashiro</td>
</tr>
<tr>
<td>Albert Ching</td>
</tr>
<tr>
<td>George Matsumoto</td>
</tr>
<tr>
<td>Daniel Lum</td>
</tr>
<tr>
<td>Paul Matsuo</td>
</tr>
<tr>
<td>Noboru Kaneshiro</td>
</tr>
<tr>
<td>Edwin Sakoda</td>
</tr>
<tr>
<td>Leslie Asari</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

**To: Initial**

**Initial:**

<table>
<thead>
<tr>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

See Me

Take action by

Route to your branch

Review & comment

Draft reply by

For Information

Xerox distributed

Acknowledge receipt

File

Acknowledged receipt

Jane Sakai

Doris Hamada

Lorraine Nanbu

Jean Siarot

Elsie Yonamine

Kay Oshiro
Mr. and Mrs. William Tunnicliff  
P.O. Box 3339 W.V.S.  
Kamuela, Hawaii 96743

Dear Mr. and Mrs. Tunnicliff:

This letter responds to the health-related concerns expressed in your transmittal of March 1, 1985 to the Governor of the State of Hawaii. These health concerns centered around the well located on property identified by tax map key 5-9-07-4, owned by Mr. Brian T. Walsh in the Kohala Estates area of the Island of Hawaii. In your transmittal, you noted that Mr. Walsh is selling water from the well developed on that property, and expressed your understanding that although specifically intended for agricultural purposes, this water may be used for human consumption without benefit of prior demonstration of potability. Additionally, your correspondence expressed your concerns that the well was constructed without a proper seal allowing the possibility of groundwater contamination.

As acknowledged in your transmittal, the District Health Office did respond to your telephone call expressing these concerns earlier. A field visit to the area revealed the following two major facts:

1. Water consumers on the system were aware that the water was intended for agricultural use only.

2. Water for potable purposes was being brought in from other sources. At the time of the investigation, only one household could be contacted; however, enough information was developed to determine that water consumers on the system were adequately informed about the intended agricultural use of the water. This information, when compared to the regulatory authorities with which the Department is vested, establishes the Department's capability with regard to your concerns. We would take this opportunity to express the Department's position.

The Department of Health presently administers the state's version of the Federal Safe Drinking Water Act. These regulations pertain specifically to water systems which serve potable water to the "public." In the state regulations, (as well as the federal statutes) the "public" is defined as 25 or more persons at least 60 days per year. The Department has no regulatory authority over systems that do not serve these minimum numbers of persons or serve water not intended for potable purposes.
The Department presently does have approval authority over wells developed to serve the public water systems as defined in the previous paragraph. In its enforcement of this authority, it does examine the adequacy of the protection of the well from potential of contamination. At the present time, however, we do not have any similar authority over sources not intended for potable purposes or serving a "non-public" water system. The lack of such authority limits the Department's ability to enforce the requirement of such features such as a sanitary seal for agricultural well construction.

In summary, the water system as described does not qualify as a public water system subject to regulation by the Department. The fact that consumers are appraised of the intended agricultural use of the water makes any selection to use that water for potable purposes a matter of personal choice on the part of the consumer. Finally, the Department does not have enforceable standards for agricultural wells.

Thank you for expressing your concerns for the health of the consumers on this agricultural irrigation system and for your concern for protecting the environment.

Sincerely,

[Signature]

Leslie S. Matsubara
Director of Health

cc: Chief Sanitarian, Hawaii District Health Office

bcc: Hon. George R. Ariyoshi
     Hon. Susumu Ono
     Hon. Joshua Agsalud
April 11, 1985

MEMORANDUM FOR THE RECORD

FROM: Ed Sakoda

SUBJECT: Telephone Conservation with Brian Walsh, Kohala Estates Well 6450-02

I contacted Brian Walsh by phone on April 11, 1985, and discussed the status of the well and the letter we sent him in January. We discussed the following:

1. Grouting of the well. The well was not grouted. There is a 15-inch diameter, 16-foot long header pipe that was left in place. The header is not grouted, neither is the space between it and the 12" dia. casing. I recommended that he have the annulus grouted. Steve Bowles and/or his son is working with Mr. Walsh on the pump so I suggested he consult Steve about grouting the well.

2. Driller's Report. Mr. Walsh stated that Mr. Tunnicliff, who drilled the well, has all the records. He suggested I write to Mr. Tunnicliff to get the data for the Driller's Report.

3. Field Visit. I mentioned that Mitch would visit the well site sometime during the next few weeks. He welcomed the visit and gave instructions on how to get to the well.

Kohala Estates is located about a mile and a half outside of Kawaihae on the road toward Hawi at about the 6 or 7 mile marker.

4. According to Mr. Walsh, the water usage is about 135,000 gallons per day.

ED SAKODA
28 March 1965

MEMO

From: Ed

To: Mitch

Subject: Field Check of Kohala Estates Well 6450-02

Please get the following for the subject well:

1. Water sample - chloride

2. Location of well

3. General survey of the surrounding area -
   - Houses nearby? Cesspools?
     - No
   - Types of crops? Number of houses connected to well?
     - No

4. Well site main road to delivery reactor to well = 1.4 km
   - Is the annulus grouted? No
   - Can contaminants get into the well?
     - Well is covered by plywood house.
28 March 1965

MEMO

From: Ed

To: Mitch

Subject: Field Check of Kohala Estates Well 6450-02

Please get the following for the subject well:

1. Water sample — chloride

2. Location of well

3. General survey of the surrounding area —
   Houses nearby? Cesspools?
   Types of crops? Number of houses connected to well.

4. Well site
   Is the annulus grated?
   Can contaminants get into the well?
<table>
<thead>
<tr>
<th>To Initial</th>
<th>From:</th>
<th>Date: 3/28</th>
<th>File in:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manabu Tagomori</td>
<td>See me</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Albert Ching</td>
<td>Call</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Daniel Lum</td>
<td>Take action by</td>
<td></td>
<td></td>
</tr>
<tr>
<td>George Matsumoto</td>
<td>Review &amp; comment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nobu Kaneshiro</td>
<td>Draft reply by</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tom Nakama</td>
<td>Type final</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paul Matsuo</td>
<td>Type final</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Edwin Sakoda</td>
<td>Xerox copies</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neal Imada</td>
<td>Mail</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Joe Menor</td>
<td>Acknowledge receipt</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jon Kurio</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mitchell Ohye</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sherrie Samuels</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kay Oshiro</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Doris Hamada</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R. Chuck</td>
<td>Approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td>T. Fujii</td>
<td>Signature</td>
<td></td>
<td></td>
</tr>
<tr>
<td>J. Yoshimoto</td>
<td>Information</td>
<td></td>
<td></td>
</tr>
<tr>
<td>J. Sakai</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E. Yonamine</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B. Koyanagi</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R. Jinnai</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Please Walsh to get all records/reports ready.

Also April 8th with goes to Big Falls for Parnilo long test.

Give him copy of well and leave him make a field ch, including water sample if needed. Locate well with steel tape in field. Da
Mr. & Mrs. William Tunnicliff  
P.O. Box 3339 W.V.S.  
kamuela, Hawaii 96743

Dear Mr. & Mrs. Tunnicliff:

Thank you for your letter of March 1, 1985, expressing your concerns about a well located in the Kohala Estates Subdivision, Island of Hawaii, and owned by Mr. Brian Walsh.

We appreciate the information you have provided and my staff has begun a review and follow-up on Mr. Walsh's well drilling permit to insure compliance with our Department's well drilling rules and conditions of the well permit.

I appreciate your taking the time to write and expressing your interest in managing and protecting our water resources.

Very truly yours,

/SUSUMU ONO

SUSUMU ONO  
Chairperson of the Board
State of Hawaii  
Dept. of Land and Natural Resources  
P.O. Box 621  
Honolulu, HI. 96809

Dear Mr. Ono;

On or about Sept. 16, 1983 Mr. Brian T. Walsh made application to your office for permit to drill a well.

The Permit for this well was issued by your Dept. Oct. 3, 1983. The well was then assigned the designation of State Well 6450-02.

Many problems have occurred since this time and I am trying to find out who in fact has jurisdiction over this dept. and what power they have and what enforcement policy is.

I have reported to your office that:

Mr. Walsh was not the owner of the property stated on the application.  
The location of the well was not that stated on the application.  
The well was not constructed by the contractors of record on the application.  
That Mr. Walsh became owner/builder of the well site.  
That an as-built of the well had not been submitted as required by your office.  
The well is completed, yet no testing results appear in your office.  
That Mr. Walsh is selling the water to the public, prior to the one year owner/builder requirements of the State.  
That the well has probably not been sealed...allowing possible contamination of the aquifer.  
And that although the application states clearly the water is for ag. use that it with no doubt is being used for human consumption.

It was stated to me by a man in your office that nothing could be done to stop or even hinder Mr. Walsh in continuing in this blatannt violations of the regulations set out by the State guidelines...I think there must be something your office can do to enforce these laws.
The co-operation of your office in ceasing this bad water management practice which is on-going will be greatly appreciated and much needed.

Thank you in advance for your concern in this matter.

Cordially,

[Signature]

Mr. and Mrs. William Tunnicliff
P.O. Box 3339 W.V.S.
Kamuela, HI. 96743
(808) 882-7915

C.C

Gov. Ariyoshi
Mayor Carpenter
March 1, 1985

Health Dept.
District Health Office
75 Aupuni
Hilo, HI 96720

Dear Sirs:

It was reported to your office in mid-January that there is a well existing in Kohala Estates, Big Island, tax map-key 5-9-07-4, Owned by Mr. Brian T. Walsh, that is supplying water to the public.

At that time or shortly there-after you reported back to us that the water according to Mr. Walsh was being sold strictly as agricultural. The statement may have been just that, but our belief is that if the water is actually being used for human consumption that at least some proof of non-contamination be shown.

It was also stated to you that the well was not to our knowledge even sealed...this can lead to the contamination of the entire aquifer...this can happen no matter what that use of the water is, but you seemed to be able to just accept the stated quote from Mr. Walsh "that is just for ag. use", contamination of a well is non-discriminating as to the use of the water...but can loss the whole area future availability of the resource.

Your further co-operation in examining this site will be appreciated.

Thank you,

Mr. and Mrs. William Tunnicliff
P.O. Box 3339 W.V.S.
Kamuela, HI. 96743
(808) 882-7915

c.c
Gov. Ariyoshi
Mayor Carpenter
March 1, 1985

Dept. of Water Supply
County of Hawaii
25 Aupuni
Hilo, HI. 96720

Mr. Sewaki:

It is my belief that Mr. Brian T. Walsh, of Box 4645, Kawaihae, HI. is in violation of many State and county building and construction laws. Many of these complaints have been verbally stated to your office...as to this point in time in the investigations it seems as nothing has been accomplished. At this time I will restate my complaints and hope to be hearing soon from your office that these practices have been stopped or that at least he has been made to bring answers to the complaints.

The complaints are as follows:
1. The well is not on the property stated in the application for permit from the State Land and Natural Resources Dept.

2. The well is constructed owner/builder—not Roscoe Moss as in the application...it is my belief that owner/builder can not go public from one year from the completion of any project.

3. Water is being pumped off of Mr. Walsh's property. This water has been contracted for and is being paid for...therefore is being sold to public...no completion report has been filed...therefore it is not one year from completion.

4. The system which runs down the hiway right of way is not permitted by any agency of the state or county. No plans have even been submitted.

5. A water tank for storage of some of this water has been constructed; this also, has not been permitted by any State or county agency.

6. The water is being sold for agricultural use...the well has not been tested as for contamination by any agency with-in my knowledge at this time, but it is quite reasonable to belief that this water must be used for human consumption just because of it's proximity to the area...and normal lack of water available.

7. The well to my knowledge has probably not been sealed...which can lead to the contamination of the entire aquifer of that area.
Thank you cordially for your concern and what I know, will be your upmost priority.

Sincerely;

Mr. and Mrs. William Tunnicliff
P.O. Box 3339 W.V.S.
Kamuela, HI. 96743
(808) 882-7915

c.c.
Gov. Ariyoshi
Mayor Carpenter
March 1, 1985

Department of Labor and Industrial Relations
Kealakeua, HI. 96750

Dear Sirs:

On or about April 25, 1984 I reported to your office that Mr. Brian T. Walsh of Pukas Unlimited; a Reg. Tradename of Seed Arbor, Inc.; P.O. Box 4645, Kawaihae, HI. 96743; was operating a company in Kohala Estates on the Big Island, and that Mr. Walsh had no insurance of any form on his employees in this operation, as required by the state. Nor was he paying his employee's in a timely manner... or the amounts stated at time of hiring, or with pay stubs as required by the state, or for over-time, or bonus situations beyond that of monatary considerations, as promised. And also that Mr. Walsh was not with-holding any form of taxes and or Soc. Sec. from the employees.

To this point in time my concerns have not been fully answered by your office...or any other agency contacted as to whether Mr. Walsh has been made to comply with these rules and regulations or been penalized for non-compliance.

I would like to know at this time if either happened. I am expecting your written report in answer to my complaint shortly.

Thank you,

Mr. William Tunnicliff
P.O. Box 3339 W.V.S.
Kamuela, HI. 96743 (808) 882-7915

c.c.
Gov. Ariyoshi
Mayor Carpenter
March 1, 1985

Dept. of Employment
Kealakua, HI. 96750

Dear Sirs:

In late April I applied to your office for unemployment compensation. I had been dismissed from employment, by Mr. Brian T. Walsh of Pukas Unlimited, a reg. Tradename of Seed Arbor, Inc. P.O. Box 4645; Kawaih ae, HI. 96743; (808) 882-2899.

At this time an audit of the company books was made to "determine the wages I had received" this audit was performed by a Mr. Glen Matsuta, Hilo. For what-ever reasons...supposedly records of Mrs. Walsh, also, an owner, it was determined that I had made very little money amounts, that were not considered agriculture, by the auditor.

I have tried many times verbally to explain to the auditor that the work I performed was not for agriculture work, but for the Drilling Company and that this work is not in any stretch of the imagination considered agricultural. To no avail.

My next problem comes when I try to file my Federal Income Taxes. First Mr. Walsh held no taxes, let lone Soc. Sec. from me. Second after making request by certified letter that he furnish me with a Wage and tax Statement, nothing has been forthcoming, to this point in time.

I, also, reported to your office that Mr. Walsh was running a crew if not just myself, with-out virtue of insurances nor benefit of filing affidavéds a with the State to prove financial responsibility in case of accident.

I am hoping that as of this time your office has arranged with Mr. Walsh some form of protecting his employees, as required by the state, and that you may be able to furnish me with at least some form of documentation of wages, from Mr. Walsh's audit that will allow me to file my tax returns for 1984.

Thank you,

Mr. William Allen Tunnicliff
P.O. Box 3339 W.V.S.
Kamuela, HI. (808) 882-7915

c.c Gov. Ariyoshi
Mayor Carpenter
March 1, 1985

Dept. of Public Works
Building and Construction & Inspection Bureau
25 Aupuni
Hilo, HI. 96720

Dept. of Public Works,
Building and Construction & Inspection Bureau
P.O. Box 736
Captain Cook, HI. 96704

Dear Sirs:

It was brought to your attention in early-January of this year, that a matter concerning the lack of proper building permits was occurring at a site in Kohala Estates. The owner of the property is Mr. Brian T. Walsh, P.O. Box 4645; Kawaihâe, HI.; phone, 889-5969.

It was stated to you that Mr. Walsh was constructing or having constructed buildings and structures on this property. You stated that at that time the only permit issued for that location, for building or other concerns, was that for the moving of a residence to that location. An investigation followed with the results stated by you as follows: "We the inspector went to the site, was told that the owner was not there, by the workers; the workers were then told to tell Mr. Walsh that he needed more building permits for the work being done".

As of this date, your office has stated to me that Mr. Walsh has not applied for any further permits, but I would like to put in a formal complaint that Mr. Walsh is in fact constructing, or having constructed, or finished constructing:
1. One large one room house for residence.
2. One two stories building for residence.
3. One extremely large water storage tank.
4. One smaller water storage tank.
5. Power sources for both residences.
6. Possible sewage systems for both residences.
7. One large car-port area.
8. Paved road leading to both residences.
9. One water system leading off of his property, onto hiway right-of-way and continuing down the hillside for at least one mile.

It is my assumption that your office does have the power to enforce the ordinances, rules, regulations, and laws of this County, and I believe that Mr. Walsh is indeed if not in fact guilty of many violations of the above stated regulations. I think that your office should be able to enforce this group of laws, and I am asking you to do just that at this time.
WATER RESOURCES & FLOOD CONTROL RANCH

From: Date: File in: 6450-02

To Initial

--- Manabu Tagomori --- See me
--- Albert Ching --- Call
--- Daniel Lum --- Take action by
--- George Matsumoto --- Review & comment
--- Nobu Kaneshiro --- Draft reply by
--- Tom Nakama --- Type draft
--- Paul Matsuo --- Type final
--- Edwin Sakoda --- Xerox copies
--- Neal Imada --- Mail
--- Joe Menor --- Acknowledge receipt
--- Jon Kurio ---
--- Mitchell Ohye ---
--- Sherrie Samuels --- Approval
--- Kay Oshiro --- Signature
--- Doris Hamada --- Information
--- R. Chuck --- J. Sakai --- B. Koyanagi
--- T. Fujii --- E. Yonamine --- R. Jinnai
--- J. Yoshimoto ---

Field Check

Location of well - surround land - crop types - cross roads?

DLR - Mr. Kohori 3903
(121) 882-7636 (day)

[Handwritten notes]
March 15, 1985

MEMORANDUM FOR THE RECORD

FROM: Ed Sakoda

SUBJECT: Review of letter dated March 1, 1985, from Mr. & Mrs. William Tunnicliff to Mr. Ono Concerning Well 6450-02 owned by Mr. Brian T. Walsh, Kohala Estates, Island of Hawaii.

Following is the chronology of events regarding the above subject:

September 21, 1983 - Received a well drilling application from Roscoe Moss Company. The well application was signed by Brian T. Walsh.

October 3, 1983 - A well drilling permit was issued to Mr. Walsh for Well No. 6450-02 at Kawaihai, Hawaii.

May 7, 1984 - Mr. Walsh called Dan Lum for advice on the well. Stated that it is an owner-drilled well.

June 5, 1984 - Ann, who works for attorney David Deka, visited the office and inquired about the well. I provided her with copies of some well records.

January 14, 1985 - Mr. Sewake of the Hawaii DWS referred a complaint from Mr. Tunnicliff to us by letter dated January 8, 1985.

January 21, 1985 - I called the Tunnicliffs and obtained the following information:

1. Well 6450-02 is on TMK 5-9-7:4, owned by Mr. Walsh. (The permit has TMK 5-9-07:5 in pencil)

2. Mr. Tunnicliff was the well driller. He was "fired" after water was reached.

3. The Tunnicliffs are concerned that the well is not properly sealed.

4. The well may serve 20 to 25 houses. They were not sure if the water was used for drinking as well as irrigation or just for irrigation.
January 22, 1985 - Wrote to Mr. Walsh requesting he complete the Drillers Report and send in other items required by the drilling permit.

February 11, 1985 - Mrs. Tunnicliff called Mr. Tagomori's office regarding the well. He was not available so she said she would call later.

February 13, 1985 - Mrs. Tunnicliff called. I told her we wrote to Mr. Walsh for more information. I also explained that our well drilling application is largely for data gathering and we cannot deny issuing permits in non-designated areas such as the Big Island. She again mentioned that people were drinking the water so I told her I would contact the drinking water section of the Dept. of Health. I called Melvin Hamano, DOH, and reported the conversation with Mrs. Tunnicliff.

February 27, 1985 - Melvin Hamano called to let me know that a DOH representative on the Big Island contacted Mr. Walsh. According to Mr. Walsh, residents who hook up to the system must sign a contract stating that the water is to be used for irrigation only. The DOH representative also contacted the Tunnicliffs and informed them of his findings.

Possible actions to be taken by the board against anyone not complying with its rules and regulations include:

1. SI3-166-(42) Injunctions. The board is empowered to seek injunctions for infringement of these rules as provided in Sec. 177-10, Hawaii Revised Statutes.

2. SI78-7, Hawaii Revised Statutes, states, "any person violating this chapter shall be fined not more than $100. For violations under sections 178-5 (Drilling, notice of) and 178-6 (Well records to be kept and filed), each day's continuance of the same shall constitute a separate offense after 30 days have elapsed from the time of written notice of violations.

   ED SAKODA

ES:ey
Revel call from Mel Hamano-DOT. His man on BIG ISLAND contacted Mr. Walsh. Residents who hook up to the system must sign a contract stating that the system is to be used for irrigation only. He also contacted Mrs. Tunnicliff and informed her of his findings.

Edward

2/27/85
Phone call from Mrs. Zunnichert (big deal)
(121) 882-7915.

Informed her that we have written to Mr. Walsh asking for the Drill's Report As Built. Also told her I would contact DOT - Brinly Wate Soli to see if Mr. Walsh's system is included in their program/inventory.

Repeated well to Mel Hamama - he will follow thru with his people in Kona and let me know what happens.
Bill be in 2nd base... he was going to follow up w/ Donald then he called
January 22, 1985

Mr. Brian Walsh  
P.O. Box 4645  
Kawaihia, Hawaii 96743

Dear Mr. Walsh:

We are interested in determining the status of your well (State Well No. 6450-02) at Kohala Estates.

Enclosed are the following:

1. A copy of your well drilling permit  
2. A Driller's Well Completion Report

Please complete the Driller's Well Completion Report and send it in with the other items required by the permit.

Thank you for your cooperation in this matter, and we look forward to adding your data to our information bank.

Very truly yours,

MANABU TAGOMORI  
Manager-Chief Engineer

ES:ko  
Enc.
FIELD MEMORANDUM

WELL(S) NO. 6450-02 DATE 21 Jan 85
LOCATION Kohala Estates, Hawaii
SUBJECT Telephone conversation with Mr. & Mrs. Tunnicliff (212) 882-7795
PRESENT Ed Sakoda

FIELD NOTES The Tunnicliffs gave the following information:

• Well 6450-02 is on TMK 5-9-7:4 owned by S. Walsh (w/o 5-9-7:5)
• Mr. Tunnicliff was the well driller. He was "fired" after he reached water.
• The Ts are concerned that the well is not sealed properly.
• The well may serve 20-25 houses - they were not sure if for drinking as well as irrigation or just irrig.

Follow up:

0. Send for DR - inquire about sealing and proposed use
DIVISION OF WATER AND LAND DEVELOPMENT

From: [Blank] Date: [Blank] File In: [Blank]

To: Initial

Robert T. Chuck
Takeo Fujii
Manabu Tagomori
Harold Sakai
George Morimoto
Herbert Morimatsu
George Miyashiro
Albert Ching
George Matsumoto
Daniel Lum
Paul Matsuo
Noboru Kaneshiro
Edwin Sakoda
Leslie Asari

See Me
Take action by
Route to your branch
Review & comment
Draft reply by
For Information
Xerox distributed
Acknowledge receipt
File

Jane Sakai
Doris Hamada
Lorraine Nanbu
Jean Siarot
Elsie Yonamine
Kay Oshiro

Acknowledge receipt
File

10/3/83

[Handwritten notes]
January 8, 1985

Mr. Susumu Ono
Chairman and Member
Board of Land and Natural Resources
State of Hawaii
P. O. Box 621
Honolulu, HI 96809

I received a complaint from Mr. William Tunnicliff with regard to a Mr. Bryan Walsh improperly drilling a well on property identified as Tax Map Key 5-9-07:3 or 5-9-07:5.

Since this comes under the jurisdiction of the Department of Land and Natural Resources, I told him that I would refer the complaint to you. Can you please investigate.

The telephone number for Mr. Tunnicliff is 882-7915.

William Sewake
H. William Sewake
Manager
January 21, 1985

Mr. Brian Walsh
P.O. Box 4645
Kawaihai, Hawaii 96743

Dear Mr. Walsh:

We are interested in determining the status of your well (State Well No. 6450-02) at Kekaha Estates.

Enclosed are the following:

1. A copy of your well drilling permit

2. A Driller's Well Completion Report

Please complete the Driller's Well Completion Report and send it in with the other items required by the permit.

Thank you for your cooperation in this matter, and we look forward to adding your data to our information bank.

Very truly yours,

MANABU TAGOMORI
Manager-Chief Engineer

Enc.
May 7, 1984

MEMORANDUM FOR THE RECORD

FROM: Dan Lum

SUBJECT: Kohala Estates I Well

On May 7, 1984, a Brian Walsh called for advice on his well being drilled in the Kohala Estates I, Subdivision, Hawaii.

He reports the well's elevation to be 800' (799'+), presently at 802' depth with a 16" dia. hole. Construction is with a cable tool rig. He reports a head of 3.3 ft. and chlorides of 151 ppm with electrical conductivity reading and 170 ppm with a Hach Kit. Planned casing size is 12 inches.

I suggested that he keep the depth of the well as shallow as possible, preferably 20 feet or less below sea level.

He stated, he and his partner Naji Kawamata plan to put a 15 HP (40 gpm) pump in the well. His phone numbers are 889-5969 and 882-7092.

DAN LUM

DL:ko
June 5, 1984

MEMORANDUM FOR THE RECORD

From: Ed Sabato

Subject: Kohala Estates I Well, 6450-02

On June 5, Att. Ann, a client who works for David Deba, attorney, visited the office and inquired about the subject well. She indicated that Brian Walsh had purchased a rig from the mainland and was drilling well, on the Big Island. I provided her with some copies of our well records.

Ed
WELL DRILLING PERMIT
for
State Well No. 6450-02
Kawaihåi, Hawaii

TO: Mr. Brian Walsh
P.O. Box 4645
Kawaihåi, Hawaii 96743

In accordance with Chapter 166 of Title 13, "Rules for the Control of Ground Water Use in the State of Hawaii," your application to drill State Well No. 6450-02 is approved subject to the following conditions:

1. A Driller's Well Completion Report (enclosed) shall be submitted to the Division of Water and Land Development within 60 days after completion of the well.

2. Pumping test data shall be submitted to the Division of Water and Land Development within 60 days after testing of the well.

3. Monthly pumpage records shall be submitted after the well is put into production.

4. Upon completion of the well, submit an "as-built" drawing of the well and a map showing the exact location of the well.

5. The applicant comply with all applicable rules, ordinances, and laws.

Date of Issuance

SUSUMU ONO
Chairperson of the Board

Enc. Driller's Report Form
bcc: USGS
     Dept. of Health
     Hawaii DWS
TO: Department of Land and Natural Resources  
   P.O. Box 373  
   Honolulu, Hi 96809  
   Attn: Dan Lum

WE ARE SENDING YOU  □ Attached  □ Under separate cover via____________ the following items:

- Shop drawings
- Prints  
- Plans  
- Samples  
- Specifications
- Copy of letter
- Change order

<table>
<thead>
<tr>
<th>COPIES</th>
<th>DATE</th>
<th>NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>09-16-83</td>
<td></td>
<td>Well Drilling Permit application</td>
</tr>
</tbody>
</table>

THESE ARE TRANSMITTED as checked below:

- For approval  
- Approved as submitted  
- Resubmit____ copies for approval
- For your use  
- Approved as noted  
- Submit____ copies for distribution
- As requested  
- Returned for corrections  
- Return____ corrected prints
- For review and comment
- FOR BIDS DUE ____________ 19____ □ PRINTS RETURNED AFTER LOAN TO US

REMARKS

COPY TO:______________________________________ SIGNED:______________________________

If enclosures are not as noted, kindly notify us at once.
State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES

APPLICATION FOR (check one)
☐ WELL DRILLING PERMIT  ☐ WELL MODIFICATION PERMIT

Instructions: Send completed application and attachments to Department of Land and Natural Resources, P. O. Box 373, Honolulu, Hawaii 96809.

Reference: Regulation 9, Dept. of Land & Natural Resources.

Is the well located in a Designated Ground Water Control Area?  Yes ☐ No ☐

If "yes", application must be accompanied by a Water Use and/or Water Supply Permit and a non-refundable filing fee of $100 payable to the Department of Land & Natural Resources. However, if application is for minor modification of well, filing fee may be waived. If "no", no filing fee is required. Filing fee is waived for federal, state, and county government agencies.

1. WELL LOCATION: Island  HAWAII Tax Map Key 5-7-07-8X. Attach a plot plan showing well location referenced to established property boundaries.

2. WATER USER  Brian Walsh Telephone  882-7836
Address  P.O. Box 4645 Kawaihae, Hawaii Zip Code  96743

3. PROPOSED DRILLING COMPANY:  ROSCOE MOSS COMPANY

4. PROPOSED WORK: ☐ Drill new well ☐ Deepen ☐ Redrill ☐ Alter ☐ Seal ☐ Abandon ☐ Install new pump ☐ Replace pump ☐ Modify pump

Fill in the diagram and briefly describe the proposed work (use back of form if necessary).

5. PROPOSED USE: ☐ Municipal ☐ Military ☐ Agriculture ☐ Domestic ☐ Disposal ☐ Industrial ☐ Other (specify) ☐

6. PROPOSED AMOUNT OF WITHDRAWAL: Check most appropriate box and fill in amount.
☐ Daily 144000 gallons ☐ Monthly   gallons ☐ Yearly   gallons

7. PROPOSED PUMP OR FLOW CAPACITY:  100 gallons per minute

Signature:  [Signature]
Water User
Date:  Sept. 16, 1983

Signature:  [Signature]
Landowner of Well Site
Date:  

For Official Use:
State Well No.  0490-02
DLNR Permit No.  
DLNR Application No.  

WHILE YOU WERE OUT

TO ________________________________

DATE __________________ TIME ______

WHILE YOU WERE OUT

M __________________________________
of __________________________________

Phone __________________________________

<table>
<thead>
<tr>
<th>TELEPHONED</th>
<th>PLEASE CALL</th>
</tr>
</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 ________________________________

----------------------------------------

Operator
**REFERENCE**

<table>
<thead>
<tr>
<th>ISL</th>
<th>WELL NO.</th>
<th>NAME OR LOCATION</th>
<th>YR. DRILLED</th>
<th>DRILLER</th>
</tr>
</thead>
<tbody>
<tr>
<td>l</td>
<td></td>
<td>GROUNDRATER DRTR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>CQ Q::</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>GROUNDCODlnGSCHEDULE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>u.s.</td>
<td>Geological Survey</td>
<td>&amp; Hawaii Department of Land &amp; Natural Resources, Honolulu, Hawaii</td>
<td></td>
<td></td>
</tr>
<tr>
<td>52</td>
<td>73(6)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**REFERENCE**

1. Nihiu
2. Kauai
3. Oahu
4. Molokai
5. Lanai
6. Maui
7. Kahoolawe
8. Hawaii
9. Hawaii

**PHYSICAL DATA**

<table>
<thead>
<tr>
<th>CARD 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>5</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>9</td>
</tr>
<tr>
<td>12</td>
</tr>
<tr>
<td>15</td>
</tr>
<tr>
<td>19</td>
</tr>
<tr>
<td>23</td>
</tr>
<tr>
<td>27</td>
</tr>
<tr>
<td>31</td>
</tr>
<tr>
<td>34</td>
</tr>
<tr>
<td>36</td>
</tr>
<tr>
<td>41</td>
</tr>
<tr>
<td>46</td>
</tr>
<tr>
<td>50</td>
</tr>
<tr>
<td>54</td>
</tr>
<tr>
<td>59</td>
</tr>
<tr>
<td>63</td>
</tr>
</tbody>
</table>

**WATER SUPPLY**

<table>
<thead>
<tr>
<th>CARD 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>5</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>35</td>
</tr>
<tr>
<td>37</td>
</tr>
<tr>
<td>39</td>
</tr>
<tr>
<td>41</td>
</tr>
<tr>
<td>43</td>
</tr>
</tbody>
</table>

**WATER SUPPLY**

<table>
<thead>
<tr>
<th>CARD 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>5</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
<tr>
<td>10</td>
</tr>
<tr>
<td>11</td>
</tr>
<tr>
<td>12</td>
</tr>
<tr>
<td>13</td>
</tr>
<tr>
<td>14</td>
</tr>
<tr>
<td>15</td>
</tr>
<tr>
<td>16</td>
</tr>
<tr>
<td>17</td>
</tr>
</tbody>
</table>

**WATER SUPPLY**

<table>
<thead>
<tr>
<th>CARD 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>5</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
<tr>
<td>10</td>
</tr>
<tr>
<td>11</td>
</tr>
<tr>
<td>12</td>
</tr>
<tr>
<td>13</td>
</tr>
<tr>
<td>14</td>
</tr>
<tr>
<td>15</td>
</tr>
<tr>
<td>16</td>
</tr>
<tr>
<td>17</td>
</tr>
<tr>
<td>To</td>
</tr>
<tr>
<td>----</td>
</tr>
<tr>
<td>Manabu Tagomori</td>
</tr>
<tr>
<td>Albert Ching</td>
</tr>
<tr>
<td>Daniel Lum</td>
</tr>
<tr>
<td>George Matsumoto</td>
</tr>
<tr>
<td>Nobu Kaneshiro</td>
</tr>
<tr>
<td>Tom Nakama</td>
</tr>
<tr>
<td>Paul Matsuo</td>
</tr>
<tr>
<td>Edwin Sakoda</td>
</tr>
<tr>
<td>Neal Imada</td>
</tr>
<tr>
<td>Joe Menor</td>
</tr>
<tr>
<td>Jon Kurio</td>
</tr>
<tr>
<td>Mitchell Ohye</td>
</tr>
<tr>
<td>Sherrie Samuels</td>
</tr>
<tr>
<td>Kay Oshiro</td>
</tr>
<tr>
<td>Doris Hamada</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>From</th>
<th>Date</th>
<th>File in</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chuck J. Sakai</td>
<td>B. Koyanagi</td>
<td></td>
</tr>
<tr>
<td>T. Fujii</td>
<td>E. Yonamine</td>
<td>R. Jinnai</td>
</tr>
<tr>
<td>J. Yoshimoto</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The map plot the cap
They got a permit for well
Listing Roscoe Mode as 1st
However, this is a owner's well according to watch.
May 7, 1984

MEMORANDUM FOR THE RECORD

FROM: Dan Lum

SUBJECT: Kohala Estates I Well

On May 7, 1984, a Brian Walsh called for advice on his well being drilled in the Kohala Estates I, Subdivision, Hawaii.

He reports the well's elevation to be 800' (799'+), presently at 802' depth with a 16" dia. hole. Construction is with a cable tool rig. He reports a head of 3.3 ft. and chlorides of 151 ppm with electrical conductivity reading and 170 ppm with a Hach Kit. Planned casing size is 12 inches.

I suggested that he keep the depth of the well as shallow as possible, preferably 20 feet or less below sea level.

He stated, he and his partner Naji Kawamata plan to put a 15 HP (40 gpm) pump in the well. His phone numbers are 889-5969 and 882-7092.

DAN LUM

DL:ko