APPLICATION FOR DRILLING, MODIFYING, RECASING OR REUSING WELLS

WELL No. 2358-29 (204-9)

INSTRUCTIONS: Please send 1 copy to Honolulu Board of Water Supply, who will distribute to other agencies concerned. In filling out, refer to Rules and Regulations of the Honolulu Board of Water Supply adopted on May 10, 1976 and applicable rules and regulations of the State Department of Health.

OWNER: (See BWS Rules and Regulations Chapter III, Sec. 3-305, Item 1a)
Taba Farm, Inc.

ADDRESS:

1. APPLICATION FOR WELL: (See Chapter III, Sec. 3-305, Item 1)

<table>
<thead>
<tr>
<th>Drill</th>
<th>Reuse</th>
<th>Modification</th>
<th>Recase</th>
</tr>
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</table>

Change in use __________

* Well pipe is to be cut about two feet because of the low water level. Lack of water has reduced the watercress production. There are eight employees involved.

2. WORK TO BE PERFORMED BY: (See Chapter III, Sec. 3-311)

By the manager of the farm: Seikichi Taha

____________________________

Mar 31 1 1977
3. USE OF WELL: (See Chapter III, Sec. 3-305, Item 1c)

Irrigation of watercress Farm.

4. ATTACHMENTS: (Each copy of the application shall have a complete set of attachments)

a. Location of well: 96-159 Waiau Road, Pearl City
   Tax Map Key: 9-6-002-02

b. Land area served: (Attach map showing exact location of well and area served. See Chapter III, Sec. 3-305, Items 1b and 1d)
   Approximately 1 1/2 acres

c. Description of well and appurtenant details: (See Chapter III, Sec. 3-305, Item 1e)
   8" galvanized pipe approximately 120 feet deep of which
   about 2 1/2 feet is above ground level.
Well 204-3

Location- At Waiawa, about 200 ft. northeast of well 204, 700 yds. southeast of Waiawa bridge and 600 yds. west of Pearl City Post Office.

Owner- Stanley Shimabukuro.

Altitude- 9 ft.

Drilled- Aug. 31-Sept. 13, 1948 by Kat Whiton.

Diameter- 8 in.

Depth- 120 ft.

Casing- Sept. 13, 1948, 17.43 ft.

Head- Dec. 7, 1948, 18.49 ft.

Chloride- Sept. 20, 1948, 108 p.p.m.

Use- Irrigation.

Capacity- Flowering at rate of 195,000 gallons a day, Sept. 20, 1948.

Bench Mark- Top of vertical flange on 8" valve, 3 ft. above ground; altitude, 12.29 ft.

Leg

0 - 9 ft. Fill and swamp mud
9 - 11 Boulder
11 - 13 Black mud
13 - 23 Soft gray rock
23 - 31 Hard gray rock
31 - 40 Soft red rock
40 - 63 Soft gray rock
63 - 73 Soft red rock
73 - 97 Hard rock - struck water at 80 ft.
97 - 109 Red rock
109 - 118 Cinders
118 - 120 Hard rock. (Lost bit; could not be recovered).
Location— At Waimawa, 6 ft. east of well 204-3.
Owner— Stanley Shimabukuro.
Altitude— 9 ft.
Drilled— Nov. 19 - Dec. 1, 1948 by Mat Whiton.
Diameter— 8 in.
Depth— 169 ft.
Casing— 76 ft.
Head— Dec. 7, 1948, 18.86 ft.
Chloride— Dec. 2, 1948, 110 p.p.m.
Use— Domestic and irrigation.
Capacity— Flowing at rate of 970,000 gallons a day, Dec. 1, 1948.
Bench Mark— Top of vertical flange on 8" cross (mauka side) on well, 3.7 ft. above ground; altitude, 12.67 ft.

Log

0 - 13 ft. Soft soil and mud
13 - 31 Boulders, compact clay and gravel
31 - 43 Soft clay
43 - 56 Compact clay with occasional boulder
56 - 71 Soft pukapuka red rock
71 - 73 Soft gray rock
73 - 77 Hard gray rock
77 - 83 Medium hard gray rock; struck water
83 - 111 Soft red rock with hard streaks
111 - 169 Alternating layers of soft, medium and hard rock with amount of water steadily increasing with depth. At 142\(\frac{1}{2}\) ft., flow was 450,000 gallons a day.
Well 204-9

Location- At Waiawa, about 150 ft. west (Ewa) of wells 204-3, 4, and 600 yd. west of Pearl City.
Owner- Stanley Shimabukuro.
Drilled- May 26 - June 12, 1953 by Nat Whiton.
Altitude- 12 ft.
Diameter- 8 in.
Depth- 179 ft.
Casing- 50.5 ft.
Head- June 12, 1953, 15.88 ft.
Chloride- June 12, 1953, 163 p.p.m.
Use- Irrigation.
Capacity- June 12, 1953, flowing 0.86 mgd.
Bench Mark- Top of vertical flange on 8" elbow at ground; altitude, 11.99 ft.

Log

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<th>Depth</th>
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<td>0 - 4</td>
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<tr>
<td>4 - 7</td>
<td>Compact sticky brown clay</td>
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<tr>
<td>7 - 11</td>
<td>Gritty soil and boulders</td>
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<tr>
<td>11 - 24</td>
<td>Soft soil</td>
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<tr>
<td>24 - 33</td>
<td>Gravel and boulders</td>
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<tr>
<td>33 - 50</td>
<td>Soft red rock and soil</td>
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<tr>
<td>50 - 61</td>
<td>Medium and soft rock</td>
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<tr>
<td>61 - 109</td>
<td>Medium rock with streaks of soft and hard rock. Water at 98'.</td>
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<tr>
<td>109 - 134</td>
<td>Very hard rock</td>
</tr>
<tr>
<td>134 - 155</td>
<td>Medium rock; full flow</td>
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<tr>
<td>155 - 174</td>
<td>Red rock</td>
</tr>
<tr>
<td>174 - 179</td>
<td>Hard gray rock</td>
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</table>
Location- In Shimabukuro property (L.C.A w. 9357-B:1) at Waiawa, about 750 yards southeast of Waiawa bridge and 500 yards west of Pearl City.

Owner- Mrs. K. Shimabukuro.

Altitude- 8 ft.

Drilled- Sept. 11-15, 1953 by Nat Whiton.

Diameter- 2 in.

Depth- 116 ft.

Ca sing- 51 ft.

Head- Oct. 15, 1953, 14.54 ft.


Chloride- Oct. 15, 1953, 146 p.p.m.

Sept. 15, 1954, 151 p.p.m.

Use- Piggery supply.

Bench Mark- Top of vertical flange on 2" cross on well, 1 ft. above ground; altitude, 39 ft. 8.3 ft.

Log- 0- 8.2 ft. Very soft material

8.2 - 19.7 Boulder and soil

19.7 - 69.7 Gravel and soil

69.7 - 71 Hard mud rock

71 - 81 Soft red rock

81 -1 00 Hard gray rock

100 -116 Very hard rock
<table>
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<th>Location</th>
<th>In Waiawa, about 0.5 mile southeast of old Waiawa bridge and 400 yds. west of Pearl City.</th>
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<tr>
<td>Owner</td>
<td>Stanley Shimabukuro.</td>
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<tr>
<td>Altitude</td>
<td>5 ft.</td>
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<tr>
<td>Drilled</td>
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<tr>
<td>Diameter</td>
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<tr>
<td>Depth</td>
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<tr>
<td>Casing</td>
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<td>Chloride</td>
<td>June 30, 1954, 133 p.p.m.</td>
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<tr>
<td>Capacity</td>
<td>Flowing 30 g.p.m.</td>
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<td>Use</td>
<td>Irrigation.</td>
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<tr>
<td>Bench mark</td>
<td>Top of 2&quot; coupling on well, 1 ft. above ground; altitude, 6.01 ft.</td>
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**Log**

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<td>0.0 - 78.5</td>
<td>Soil.</td>
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<td>78.5 - 88.7</td>
<td>Hard lava rock.</td>
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<td>88.7 - 96.2</td>
<td>Medium and soft lava rock.</td>
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<tr>
<td>96.2 - 132.5</td>
<td>Soft puka-puka rock with streaks of medium lava.</td>
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</table>
WELL 204-19

Location- In Waiawa, 10 ft. north of well 204-18, about 400 yds. west of Pearl City.
Owner- Stanley Shimabukuro.
Altitude- 5 ft.
Drilled- June 1954 by Nat Whiton.
Diameter- 2 in.
Depth- 136 ft.
Casing- 83.7 ft.
Head- June 25, 1954, 15.55 ft.
Chloride- June 30, 1954, 130 p.p.m.
Capacity- Flowing 30 g.p.m.
Use- Irrigation.
Bench mark- Top of 2" tee on well, 1 ft. above ground; altitude, 6.37 ft.

Log

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<td>0.0</td>
<td>81.3 Soil</td>
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<td>81.3</td>
<td>92.4 Hard lava rock</td>
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<td>92.4</td>
<td>120.0 Medium and soft lava rock</td>
</tr>
<tr>
<td>120.0</td>
<td>136.0 Soft lava rock</td>
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WELL 204-20

Location- In Waiawa, 119 ft. north of well 204-19 and 400 yds. west of Pearl City.
Owner- Stanley Shimabukuro.
Altitude- 6 ft.
Drilled- June 17 to July 12, 1954, by Nat Whiton.
Diameter- 10 in.
Depth- 156.5 ft.
Casing- 103 ft.
Chloride- June 30, 1954, 133 p.p.m. when well was 147.2 ft. deep.
Capacity- July 12, 1954, 133 p.p.m.
Use- June 30, 1954, flowing 1.16 m.g.d. when well was 147.2 ft. deep.
Bench mark- Irrigation.
Top of 10" tee (center) on well, 2½ ft. above ground; altitude, 8.53 ft.

Tax Key 9-6-02

Log

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<th>Depth (ft)</th>
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<td>0.0 - 80.0</td>
<td>Soft soil, some gravel and sand.</td>
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<td>80.0 - 102.0</td>
<td>Soft lava rock.</td>
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<td>102.0 - 104.0</td>
<td>Hard lava rock.</td>
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<tr>
<td>104.0 - 120.3</td>
<td>Soft red lava rock -- water.</td>
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<tr>
<td>120.3 - 126.6</td>
<td>Hard lava rock.</td>
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<tr>
<td>126.6 - 148.2</td>
<td>Soft red and gray rock -- water.</td>
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<tr>
<td>148.2 - 156.5</td>
<td>Hard lava rock.</td>
</tr>
</tbody>
</table>
Location- At Waiawa, about 100 yd. west (Ewa) of Oahu Sugar Co. pumping station No. 9 and 0.8 mi. west of Pearl City.

Owner- S. Taba.

Altitude- 11 ft.

Drilled- June 22 - July 6, 1953 by Nat Whiton.

Diameter- 4 in.

Depth- 105 ft.

Casing- 54 ft.

Head- July 20, 1953, 16.00 ft.

Chloride- July 20, 1953, 234 p.p.m.

Capacity- July 20, 1953, flowing 0.147 mgd.

Use- Domestic supply and irrigation.

Bench Mark- Top of reducing flange on 4" tee on well, 1 ft. above ground.

Top center of 4" horizontal tee on well, 2 ft. above ground; altitude, 12.74 ft. Altitude, 11.80 ft.

0 - 12 ft. Very soft brown soil

12 - 21 ft. Very soft gray mud

21 - 24 ft. Hardpacked soil

24 - 51.5 ft. Very soft olayey soil

51.5 - 59 ft. Hard red rock

59 - 72 ft. Soft red rock with streaks of medium; first water

72 - 81 ft. Medium hard gray rock

81 - 85 ft. Soft gray rock

85 - 90 ft. Medium hard gray rock

90 - 105 ft. Red rock- plenty water; full pipe
Mills at Brinnon, Orkney.
TO: Mr. Seikichi Taba, Manager
Taba Farm, Inc.

Your applications to modify Well Nos. 2358-29 and 2358-22 have been approved in accordance with our Rules and Regulations for the Protection, Development and Conservation of Water Resources in the City and County of Honolulu.

You are hereby granted a permit covering both wells, No. 2358-29 and No. 2358-22, at Tax Map Key 9-6-2: 2 in accordance with the drawings submitted with your applications.

This permit is granted subject to the Rules and Regulations of the Board of Water Supply and the following conditions:

1. Mr. Chester Lao of the Board of Water Supply, telephone 548-5276, shall be notified before any work covered by this permit commences.

2. In times of high artesian water levels and increased natural flow, the flows from the wells shall be reduced so that water in excess of plant requirements will not be wasted.

3. When fields or portions of fields are uncultivated, water taken from the wells shall be reduced accordingly.

Edward Y. Hirata
Manager and Chief Engineer
Board of Water Supply

APR 11 1977
Date of Permit
Water... man's greatest need - use it wisely.
Enter on this form ample notes in regard to the following:

1. Accuracy of measurement; 2, gauge; 3, observer; 4, bench marks; 5, gauge-height corrections; 6, adjustments to total discharge; 7, station equipment; 8, channel, control, and point of zero flow; 9, rating, backwater; 10, diversions, regulation; 11, records; 12, cooperation.

ADDRESS "PAUAHI"
Mr. Seikichi Taba

Dear Mr. Taba:

Pearl Harbor Ground Water Control Area

We acknowledge receipt on January 4, 1980, of your Declaration of Existing Water Withdrawal and Use in the Pearl Harbor Ground Water Control Area. Our staff will review the data and may contact you for a field inspection of your well(s) before certification of your declared water use is made by the Board of Land and Natural Resources.

We appreciate your early filing of the declaration of existing water use.

Very truly yours,

SUSUMU ONO
Chairman of the Board
State of Hawaii
Department of Land and Natural Resources

DECLARATION OF EXISTING WATER WITHDRAWAL AND USE
Pearl Harbor Ground Water Control Area

Instructions: This form must be properly completed, signed, and submitted for each individual well or connected battery of wells on or before January 2, 1980, in accordance with Regulation 9 of the Department. Submit the form with any attachments to Department of Land and Natural Resources.

1. WATER USER: Name ___________ Mailing address ___________

2. WATER USER'S WELL CONNECTED BATTERY OF WELLS:
User's Well Name and Location ___________.

3. BENEFICIAL USE OF WATER:
(a) Major Use: □ Municipal □ Agriculture □ Military □ Industrial □ Domestic □ Other ___________.
(b) Minor Uses: □ ___________.
(c) For Agriculture Use list crop(s), total acreage irrigated ___________. Attach map showing acreage irrigated by the well source.

4. BENEFICIALLY USED WATER WITHDRAWALS:
(a) All figures given in (b) are records of: □ Metered flow □ Nameplate pump capacity □ Orifice □ Weir □ Other ___________.
(b) Records available (in million gallons per day, three decimal places):

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(c) For Agriculture Use only: description of withdrawal schedule (include times of day and days of week):

5. WELL DESCRIPTION:
On the attached computer list of wells, make corrections or additions thereon in red pencil as necessary and return with Declaration form. If information is readily available in another form, you may submit it in lieu of a corrected computer list.

Signature: __________________________ Date: ____________
WATER USER

Signature: __________________________
LANDOWNER OF WELL SITE

Date: ____________

For Official Use:
Last day to certify ____________ Date Certified ____________
Amount certified ____________ WELL NO. ____________

DECLARATION OF EXISTING WATER WITHDRAWAL AND USE
Pearl Harbor Ground Water Control Area

Instructions: This form must be properly completed, signed, and submitted for each individual well or connected battery of wells on or before January 2, 1980, in accordance with Regulation 9 of the Department. Submit the form with any attachments to Department of Land and Natural Resources.

1. WATER USER: Name: Seikichi Tago. Mailing address: __________. Phone: __________.

2. WATER USER’S □WELL □ CONNECTED BATTERY OF WELLS:

User’s Well No. (s) Pump or natural flow capacity (gpm): __________. Capacity determined by flowmeter, nameplate, orifice, etc. (specify): __________. Year pump inst./modified: __________.

3. BENEFICIAL USE OF WATER:
(a) Major Use: □Municipal □Agriculture □Military □Industrial □Domestic □Other (specify) __________.
(b) Minor Uses: __________.
(c) For Agriculture Use list crop(s): __________. Total acreage irrigated: __________. and attach map showing acreage irrigated by the well source.

4. BENEFICIALLY USED WATER WITHDRAWALS:
(a) All figures given in (b) are records of: □Metered flow □Nameplate pump capacity □Orifice □Weir □Other (specify) __________.
(b) Records available (in million gallons per day, three decimal places):

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(c) For Agriculture Use only: description of withdrawal schedule (include times of day and days of week: __________.

5. WELL DESCRIPTION:
On the attached computer list of wells, make corrections or additions thereon in red pencil as necessary and return with Declaration form. If information is readily available in another form, you may submit it in lieu of a corrected computer list.

Declaration: Under penalties provided in Regulation 9 of the Department of Land and Natural Resources, the undersigned declare and certify that this declaration has been examined, including accompanying statements and to the best of knowledge and belief, it is true, correct, and complete.

Signature: Seikichi Tago. Date: __________.

Signature: Seikichi Tago. Date: __________.

For Official Use:
Last day to certify: __________.
Date Certified: __________.
Amount certified: __________.
WELL NO.: __________.
DECLARATION OF EXISTING WATER WITHDRAWAL AND USE
Pearl Harbor Ground Water Control Area

Instructions: This form must be properly completed, signed, and submitted for each individual well or connected battery of wells on or before January 2, 1980, in accordance with Regulation 9 of the Department. Submit the form with any attachments to Department of Land and Natural Resources.

1. WATER USER: Name ___________________________ Mailing address ___________________________
   Phone: ______________________________________

2. WATER USER'S WELL OR CONNECTED BATTERY OF WELLS:
   User's Well Name and Location ___________ well TMK 9-6-2-40
   User's Well No. (s) ___________________________
   Pump or natural flow capacity (gpm) ___________________________
   Capacity determined by flowmeter, nameplate, orifice, etc. (specify) ___________________________
   Year pump inst./modified ___________________________

3. BENEFICIAL USE OF WATER:
   (a) Major Use: __Municipal __Agriculture __Military __Industrial __Domestic __other (specify) ___________________________
   (b) Minor Uses: ___________________________
   (c) For Agriculture Use list crop(s) ___________________________
       total acreage irrigated ___________________________
       and attach map showing acreage irrigated by the well source.

4. BENEFICIALLY USED WATER WITHDRAWALS:
   (a) All figures given in (b) are records of: __Metered flow __Nameplate pump capacity __Orifice __Weir __Other (specify) NO RECORD __VACANT
       ___________________________
   (b) Records available (in million gallons per day, three decimal places):
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       | Mar.  |      |      |      |      |      |      |         |
       | Apr.  |      |      |      |      |      |      |         |
       | May   |      |      |      |      |      |      |         |
       | June  |      |      |      |      |      |      |         |
       | July  |      |      |      |      |      |      |         |
       | Aug.  |      |      |      |      |      |      |         |
       | Sep.  |      |      |      |      |      |      |         |
       | Oct.  |      |      |      |      |      |      |         |
       | Nov.  |      |      |      |      |      |      |         |
       | Dec.  |      |      |      |      |      |      |         |
       | Yr. total |      |      |      |      |      |      |         |
       | Mo. Ave. |      |      |      |      |      |      |         |
       | 5-year average: mgd, highest day use mgd on Date ________ 19. ___________________________
   (c) For Agriculture Use only: description of withdrawal schedule (include times of day and days of week): ___________________________

5. WELL DESCRIPTION:
   On the attached computer list of wells, make corrections or additions thereon in red pencil as necessary and return with Declaration form. If information is readily available in another form, you may submit it in lieu of a corrected computer list.

Declaration: Under penalties provided in Regulation 9 of the Department of Land and Natural Resources, the undersigned declare and certify that this declaration has been examined, including accompanying statements and to the best of knowledge and belief, it is true, correct, and complete.

Signature: ________________ Signature: ________________
WATER USER LANDOWNER OF WELL SITE
Date: ________________ Date: ________________

For Official Use:
Last day to certify Date Certified Amount certified
7-4-80 ________________ ___________________________
WELL NO. 2338-3]
**Declaration of Existing Water Withdrawal and Use**

**Pearl Harbor Ground Water Control Area**

**Instructions:** This form must be properly completed, signed, and submitted for each individual well or connected battery of wells on or before January 2, 1980, in accordance with Regulation 9 of the Department. Submit the form with any attachments to Department of Land and Natural Resources.

1. **WATER USER:** Name: [Redacted]
   Mailing address: [Redacted]
   Phone: [Redacted]

2. **WATER USER'S WELL CONNECTED BATTERY OF WELLS:**
   User's Well Name and Location: 96-189, Wahiawa Rd, TMK 9-6-2-40
   User's Well No. (s): [Redacted]
   Pump or natural flow capacity (gpm): [Redacted]
   Capacity determined by flowmeter, nameplate, orifice, etc. (specify): [Redacted]
   Year pump inst./modified: [Redacted]

3. **BENEFICIAL USE OF WATER:**
   (a) Major Use: □ Municipal □ Agriculture □ Military □ Industrial □ Domestic □ Other (specify) (specify)
   (b) Minor Uses: (specify)
   (c) For Agriculture Use list crop(s): [Redacted], total acreage irrigated: [Redacted], and attach map showing acreage irrigated by the well source.

4. **BENEFICIALLY USED WATER WITHDRAWALS:**
   (a) All figures given in (b) are records of: □ Metered flow □ Nameplate pump capacity □ Orifice □ Weir □ Other (specify) (specify)
   (b) Records available (in million gallons per day, three decimal places):

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   5-year average: mgd, highest day use mgd on 19.

   (c) For Agriculture Use only: description of withdrawal schedule (include times of day and days of week: [Redacted]

5. **WELL DESCRIPTION:**
   On the attached computer list of wells, make corrections or additions thereon in red pencil as necessary and return with Declaration form. If information is readily available in another form, you may submit it in lieu of a corrected computer list.

   Declaration: Under penalties provided in Regulation 9 of the Department of Land and Natural Resources, the undersigned declare and certify that this declaration has been examined, including accompanying statements and to the best of knowledge and belief, it is true, correct, and complete.

   Signature: [Redacted]
   Date: 12-12-79

   Signature: [Redacted]
   Date: [Redacted]

   For Official Use:
   Last day to certify 7-4-80
   Date Certified
   Amount certified
   WELL NO. 2358-21
DECLARATION OF EXISTING WATER WITHDRAWAL AND USE
Pearl Harbor Ground Water Control Area

Instructions: This form must be properly completed, signed, and submitted for each individual well or connected battery of wells on or before January 2, 1980, in accordance with Regulation 9 of the Department. Submit the form with any attachments to Department of Land and Natural Resources.

1. WATER USER:
Name _____________________________ Mailing address _____________________________

2. WATER USER'S WELL CONNECTED BATTERY OF WELLS:
User's Well Name and Location _____________________________ TMK 9-6-02-40
User's Well No. (s) _____________________________ Pump or natural flow capacity (gpm) _____________________________ Capacity determined by flowmeter, nameplate, orifice, etc. (specify) _____________________________ Year pump inst./modified _____________________________

3. BENEFICIAL USE OF WATER:
(a) Major Use: [ ] Municipal [ ] Agriculture [ ] Military [ ] Industrial [ ] Domestic [ ] other [ ] (specify) _____________________________
(b) Minor Uses: _____________________________
(c) For Agriculture Use list crop(s) _____________________________ total acreage irrigated _____________________________ and attach map showing acreage irrigated by the well source.

4. BENEFICIALLY USED WATER WITHDRAWALS:
(a) All figures given in (b) are records of: [ ] Metered flow [ ] Nameplate pump capacity [ ] Orifice [ ] Weir [ ] Other [ ] (specify) _____________________________
(b) Records available (in million gallons per day, three decimal places):

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(c) For Agriculture Use only: description of withdrawal schedule (include times of day and days of week):

5. WELL DESCRIPTION:
On the attached computer list of wells, make corrections or additions thereon in red pencil as necessary and return with Declaration form. If information is readily available in another form, you may submit it in lieu of a corrected computer list.

Declaration: Under penalties provided in Regulation 9 of the Department of Land and Natural Resources, the undersigned declare and certify that this declaration has been examined, including accompanying statements and to the best of knowledge and belief, it is true, correct, and complete.

Signature: _____________________________ Date: _____________________________
WATER USER

Signature: _____________________________ Date: _____________________________
LANDOWNER OF WELL SITE

For Official Use:
Last day to certify _____________________________ Date Certified _____________________________
Amount certified _____________________________ WELL NO. _____________________________
DECLARATION OF EXISTING WATER WITHDRAWAL AND USE
Pearl Harbor Ground Water Control Area

Instructions: This form must be properly completed, signed, and submitted for each individual well or connected battery of wells on or before January 2, 1980, in accordance with Regulation 9 of the Department. Submit the form with any attachments to Department of Land and Natural Resources.

1. WATER USER: Name __________________________ Mailing address __________________________
   phone: __________________________

2. WATER USER'S WELL or CONNECTED BATTERY OF WELLS:
   User's Well Name and Location __________________________ TMK 9-6-2-29
   User's Well No. (s) __________________________
   Pump or natural flow capacity (gpm) __________________________
   Capacity determined by flowmeter, nameplate, orifice, etc. (specify) __________________________
   Year pump inst./modified __________________________

3. BENEFICIAL USE OF WATER:
   (a) Major Use: □ Municipal □ Agriculture □ Military □ Industrial □ Domestic □ Other (specify) __________________________
   (b) Minor Uses: __________________________
   (c) For Agriculture Use list crop(s) __________________________, total acreage irrigated __________________________, and attach map showing acreage irrigated by the well source. __________________________

4. BENEFICIALLY USED WATER WITHDRAWALS:
   (a) All figures given in (b) are records of: □ Metered flow □ Nameplate pump capacity □ Orifice □ Weir □ Other (specify) __________________________
   (b) Records available (in million gallons per day, three decimal places):

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   5-year average: __________________________ mgd, highest day use __________________________ mgd on __________________________.
   (c) For Agriculture Use only: description of withdrawal schedule (include times of day and days of week): __________________________

5. WELL DESCRIPTION:
   On the attached computer list of wells, make corrections or additions thereon in red pencil as necessary and return with Declaration form. If information is readily available in another form, you may submit it in lieu of a corrected computer list.

Decloration: Under penalties provided in Regulation 9 of the Department of Land and Natural Resources, the undersigned declare and certify that this declaration has been examined, including accompanying statements and to the best of knowledge and belief, it is true, correct, and complete.

Signature: __________________________
WATER USER
Date: __________________________

Signature: __________________________
LANDOWNER OF WELL SITE
Date: __________________________

For Official Use:

Last day to certify __________________________
Date Certified __________________________
Amount certified __________________________
WELL NO. __________________________
DECLARATION OF EXISTING WATER WITHDRAWAL AND USE
Pearl Harbor Ground Water Control Area

Instructions: This form must be properly completed, signed, and submitted for each individual well or connected battery of wells on or before January 2, 1980, in accordance with Regulation 9 of the Department. Submit the form with any attachments to Department of Land and Natural Resources.

1. WATER USER: Name [Insert Name] Phone: [Insert Phone Number]

2. WATER USER'S □ WELL □ CONNECTED BATTERY OF WELLS:
User's Well Name and Location [Insert Location] TMK 9-6-2-29
User's Well No. (s) Pump or natural flow capacity (gpm) Capacity determined by flowmeter, nameplate, orifice, etc. (specify) Year pump inst./modified

3. BENEFICIAL USE OF WATER:
(a) Major Use: □ Municipal □ Agriculture □ Military □ Industrial
□ Domestic □ Other (specify) (specify)
(b) Minor Uses: (specify)
(c) For Agriculture Use list crop(s) [Insert Crops], total acreage irrigated [Insert Acreage], and attach map showing acreage irrigated by the well source.

4. BENEFICIALLY USED WATER WITHDRAWALS:
(a) All figures given in (b) are records of: □ Metered flow □ Nameplate pump capacity □ Orifice □ Weir □ Other (specify) [Insert Other]
(b) Records available (in million gallons per day, three decimal places):

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(c) For Agriculture Use only: description of withdrawal schedule (include times of day and days of week): [Insert Description]

5. WELL DESCRIPTION:
On the attached computer list of wells, make corrections or additions thereon in red pencil as necessary and return with Declaration form. If information is readily available in another form, you may submit it in lieu of a corrected computer list.

Declaration: Under penalties provided in Regulation 9 of the Department of Land and Natural Resources, the undersigned declare and certify that this declaration has been examined, including accompanying statements and to the best of knowledge and belief, it is true, correct, and complete.

Signature: [Insert Signature] Date: 1/2/79

For Official Use:
Last day to certify 7-4-80
Date Certified
Amount certified
WELL NO. 2358-33
DECLARATION OF EXISTING WATER WITHDRAWAL AND USE
Pearl Harbor Ground Water Control Area

Instructions: This form must be properly completed, signed, and submitted for each individual well or connected battery of wells on or before January 2, 1980, in accordance with Regulation 9 of the Department. Submit the form with any attachments to Department of Land and Natural Resources.

1. WATER USER: Name: [Redacted], Mailing address: [Redacted], Phone: [Redacted].

2. WATER USER'S □ WELL □ CONNECTED BATTERY OF WELLS:
   User's Well Name and Location: BISHOP EST. TMK 9-6-2-29
   User's Well No. (s): [Redacted] 10"
   Pump or natural flow capacity (gpm): [Redacted]
   Capacity determined by flowmeter, nameplate, orifice, etc. (specify): [Redacted]
   Year pump inst./modified: [Redacted]

3. BENEFICIAL USE OF WATER:
   (a) Major Use: □ Municipal □ Agriculture □ Military □ Industrial
   □ Domestic □ Other (specify) (specify)
   (b) Minor Uses: □ [Redacted]
   (c) For Agriculture Use only: list crop(s) (specify) (specify)

4. BENEFICIALLY USED WATER WITHDRAWALS:
   (a) All figures given in (b) are records of: □ Metered flow □ Nameplate pump capacity
   □ Orifice □ Weir □ Other (specify) □ [Redacted]
   (b) Records available (in million gallons per day, three decimal places):

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   (c) For Agriculture Use only: description of withdrawal schedule (include times of day and days of week): [Redacted]

5. WELL DESCRIPTION:
On the attached computer list of wells, make corrections or additions thereon in red pencil as necessary and return with Declaration form. If information is readily available in another form, you may submit it in lieu of a corrected computer list.

Declaration: Under penalties provided in Regulation 9 of the Department of Land and Natural Resources, the undersigned declare and certify that this declaration has been examined, including accompanying statements and to the best of knowledge and belief, it is true, correct, and complete.

Signature: [Redacted]
Date: 12-12-79

For Official Use:
Last day to certify: 7-4-80
Date Certified: [Redacted]
Amount certified: [Redacted]
WELL NO.: 235834
DECLARATION OF EXISTING WATER WITHDRAWAL AND USE
Pearl Harbor Ground Water Control Area

Instructions: This form must be properly completed, signed, and submitted for each individual well or connected battery of wells on or before January 2, 1980, in accordance with Regulation 9 of the Department. Submit the form with any attachments to Department of Land and Natural Resources.

1. WATER USER: Name [Signature] phone:

2. WATER USER’S [□] WELL [□] CONNECTED BATTERY OF WELS:
User’s Well Name and Location 189 Waikawa Rd
TMK 9-6-2-4

User’s Well No. (s) Pump or natural flow capacity (gpm) Capacity determined by flowmeter, nameplate, orifice, etc. (specify) Year pump inst./modified

3. BENEFICIAL USE OF WATER:
(a) Major Use: [□] Municipal [□] Agriculture [□] Military [□] Industrial [□] Domestic [□] other (specify) (specify)
(b) Minor Uses: (specify)
(c) For Agriculture Use list crop(s) [□] Irrigated [□] Not irrigated, total acreage irrigated ________, and attach map showing acreage irrigated by the well source.

4. BENEFICIALLY USED WATER WITHDRAWALS:
(a) All figures given in (b) are records of: [□] Metered flow [□] Nameplate pump capacity [□] Orifice [□] Weir [□] Other (specify) No Record Available
(b) Records available (in million gallons per day, three decimal places):

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(c) For Agriculture Use only: description of withdrawal schedule (include times of day and days of week):

5. WELL DESCRIPTION:
On the attached computer list of wells, make corrections or additions thereon in red pencil as necessary and return with Declaration form. If information is readily available in another form, you may submit it in lieu of a corrected computer list.

Declaration: Under penalties provided in Regulation 9 of the Department of Land and Natural Resources, the undersigned declare and certify that this declaration has been examined, including accompanying statements and to the best of knowledge and belief, it is true, correct, and complete.

Signature: [Signature] WATER USER
Date: 12-12-79

Signature: LANDOWNER OF WELL SITE
Date: 

For Official Use:
Last day to certify 7-4-80
Date Certified
Amount certified
WELL NO. 2358-29
DECLARATION OF EXISTING WATER WITHDRAWAL AND USE
Pearl Harbor Ground Water Control Area

Instructions: This form must be properly completed, signed, and submitted for each individual well or connected battery of wells on or before January 2, 1980, in accordance with Regulation 9 of the Department. Submit the form with any attachments to Department of Land and Natural Resources, [Redacted].

1. WATER USER: Name: [Redacted] Mailing address: [Redacted]

2. WATER USER'S WELL OR CONNECTED BATTERY OF WELLS:
   User's Well Name and Location: [Redacted] TMK 9-6-3-37
   User's Well No. (s) Pump or natural flow capacity (gpm) Year pump inst./modified

3. BENEFICIAL USE OF WATER:
   (a) Major Use: [Redacted] (specify)
   (b) Minor Uses: [Redacted] (specify)
   (c) For Agriculture Use list crop(s) [Redacted], total acreage irrigated, and attach map showing acreage irrigated by the well source.

4. BENEFICIALLY USED WATER WITHDRAWALS:
   (a) All figures given in (b) are records of: [Redacted] (specify)
   (b) Records available (in million gallons per day, three decimal places):
   
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   (c) For Agriculture Use only: description of withdrawal schedule (include times of day and days of week: [Redacted])

5. WELL DESCRIPTION:
On the attached computer list of wells, make corrections or additions thereon in red pencil as necessary and return with Declaration form. If information is readily available in another form, you may submit it in lieu of a corrected computer list.

Declaration: Under penalties provided in Regulation 9 of the Department of Land and Natural Resources, the undersigned declare and certify that this declaration has been examined, including accompanying statements and to the best of knowledge and belief, it is true, correct, and complete.

Signature: [Redacted]
WATER USER
Date: 12-12-79

Signature: [Redacted]
LANDOWNER OF WELL SITE
Date: [Redacted]

For Official Use:
Last day to certify [Redacted]
Date Certified [Redacted]
Amount certified [Redacted]
WELL NO. [Redacted]
RECEIVED

80 JAN 4  P 2:31

D.H.O. WATER &
LAND DEVELOPMENT
Ground Water Index

- WELL NUMBER - Six-digit well numbers are assigned by the Department of Land and Natural Resources, Division of Water and Land Development and are based on the latitude and longitude position of the well.

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<th>Minute of Latitude</th>
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- QUAD MAP NO. - U.S. Geological Survey 7½ Minute topographic quadrangle maps, 1" = 2000' scale. Maps have arbitrarily assigned reference numbers.

- TYPE CONS - Type of Well Construction

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- CSG DIA IN - Casing diameter in inches
- GRD ELEV FT - Ground surface elevation in feet, referenced to mean sea level
- TOTL DEP FT - Total depth of well in feet
- CSG DEP FT - Casing depth in feet
- MAJ USE - Major use of well

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- CL - Chloride content of water
- WTR LEV - Water level
- WTR TEM - Water temperature
- CHEM ANAL - Chemical analysis of water
- DRFT - Draft or withdrawal from well

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Ground Water Summary

- YEAR DRLD - Year well was drilled
- CSG DIA IN - Casing diameter in inches
- GRD SURF - Ground surface
- BOT OF HOLE - Bottom of hole, i.e., total depth of well
- BOT SOL CSG - Bottom of solid, unperforated section of casing
- BOT PERF CSG - Bottom of perforated or screened section of casing
- STAT HEAD FT - Static water level elevation in feet
- CL MG/L - Chloride content of water in milligrams/liter
- PUMP RATE GPM - Maximum test pumping rate in gallons per minute
- DRAWDOWN FT - Drawdown of well in feet at stated rate
- SPEC CAP - Specific well capacity in gallons per minute per foot of drawdown
- C MG/L - Chloride content of water during maximum pumping rate
- WTR TEMP C - Field water temperature in degree Celsius
- PUMP CAP MGD - Installed pump capacity, million gallons per day
- DRFT MGD - Average annual draft from well in million gallons per day
- BATT - Battery of wells connected together as one source
- AQFR - Aquifer tapped by well. Symbols listed are geologic formation symbols used on published Island geologic maps.
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**STATE OF HAWAI'I**
**DEPARTMENT OF LAND AND NATURAL RESOURCES**
**DIVISION OF WATER AND LAND DEVELOPMENT**
**SEP 6, 1979**

**GROUND WATER INDEX - GROUND CODE 3**

The table above lists various wells with their respective details such as the well number, name, location, year, driller, coordinates, physical data, and more. Each well is categorized under different code numbers and locations, providing a comprehensive index for ground water resources in Hawaii.