State of Hawaii
Dept. of Land and Natural Resources
Commission on Water Resource Management
P.O. Box 621
Honolulu, Hi

EMERGENCY WATER SHORTAGE USE PLAN:

Water Management area: Waipahu-Waiawa
Aquifer Sector: Pearl Harbor
Well Name: Honouliuli
State Well No.: 2201-02

Permittee:  
Adress: 91-1219 Laulaunui Lane
Ewa Beach, Hi 96706

The total requested water allocation was based on domestic and agricultural irrigation use. Domestic use was based on a typical 3 bedroom residential home with average lawn and foliage. Irrigation use is for low density vegetable farming of about a quarter of an acre.

Water conservation practices being used presently are hand irrigation during early morning or late afternoon, limited farming during summer months, and the minimizing of and recycling of water used to wash harvested vegetable crops.

In time of emergency water shortages, agricultural water consumption can be reduced by limiting irrigation to the maintenance of seed crop for future, post-shortage, farming. Domestic consumption can also be reduced by following Board of Water Supply and Commission recommendations. Emergency consumption can then be reduced to an estimated .0005 mgd to .001 mgd.

Submitted by:

October 30, 1998
# GROUND-WATER USE PERMIT

**WUP NO. 495**

## PERMITTEE

<table>
<thead>
<tr>
<th>Permittee/Water User Address</th>
<th>Landowner of Source Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>91-1219 LAULAUNUI LANE</td>
<td>THE ESTATE OF JAMES CAMPBELL</td>
</tr>
<tr>
<td>EWA BEACH, HI 96706</td>
<td>1001 KAMOKILA BLVD.</td>
</tr>
<tr>
<td></td>
<td>KAPOLEI, HI 96707</td>
</tr>
</tbody>
</table>

## PERMITTED SOURCE INFORMATION

<table>
<thead>
<tr>
<th>Island</th>
<th>Water Management Area</th>
<th>Aquifer Sector</th>
<th>Aquifer System</th>
<th>System Sustainable Yield</th>
<th>Well Name</th>
<th>State Well No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>OAHU</td>
<td>WAIPAHU-WAIAWA</td>
<td>PEARL HARBOR</td>
<td>WAIPAHU-WAIAWA</td>
<td>119 mgd</td>
<td>HONOULIUI</td>
<td>2201-02</td>
</tr>
</tbody>
</table>

## PERMITTED USE INFORMATION

<table>
<thead>
<tr>
<th>Reasonable beneficial use</th>
<th>Withdrawal (12 month moving ave.)</th>
<th>Location of water use</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOMESTIC; IRRIGATION</td>
<td>0.002 mgd</td>
<td>TMK # 9-1-20:10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Address 91-1219 LAULAUNUI LANE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>State land use classification URBAN</td>
</tr>
<tr>
<td></td>
<td></td>
<td>County zoning classification R-5</td>
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</table>

Pursuant to Hawaii's State Constitution, Article XI, Section 7, Hawaii Revised Statutes, Chapter 174C; Hawaii Administrative Rules, Chapters 13-167 through 13-171; and Hawaii decisional law and custom, the permittee is hereby authorized to use ground water from the sources and in the amount and from and upon the locations described above; subject however, to the requirements of law including but not limited to the following conditions:
1. The water described in this water use permit may only be taken from the location described and used for the reasonable beneficial use described at the location described above. Reasonable beneficial uses means "the use of water in such a quantity as is necessary for economic and efficient utilization which is both reasonable and consistent with State and County land use plans and the public interest." (HRS § 174C-3)

2. The right to use ground water is a shared use right.

3. The water use must at all times meet the requirements set forth in HRS § 174C-49(a), which means that it:
   a. Can be accommodated with the available water source;
   b. Is a reasonable-beneficial use as defined in HRS § 174C-3;
   c. Will not interfere with any existing legal use of water;
   d. Is consistent with the public interest;
   e. Is consistent with State and County general plans and land use designations;
   f. Is consistent with County land use plans and policies; and
   g. Will not interfere with the rights of the Department of Hawaiian Home Lands as provided in section 221 of the Hawaiian Homes Commission Act and HRS § 174C-101(a).

4. The ground-water use here must not interfere with surface or other ground-water rights or reservations.

5. The ground-water use here must not interfere with interim or permanent instream flow standards. If it does, then:
   a. A separate water use permit for surface water must be obtained in the case an area is also designated as a surface water management area;
   b. The interim or permanent instream flow standard, as applicable, must be amended.

6. The water use authorized here is subject to the requirements of the Hawaiian Homes Commission Act, as amended, if applicable.

7. The water use permit application and submittal, as amended, approved by the Commission at its August 26, 1998 meeting are incorporated into this permit by reference.

8. Any modification of the permit terms, conditions, or uses may only be made with the express written consent of the Commission.

9. This permit may be modified by the Commission and the amount of water initially granted to the permittee may be reduced if the Commission determines it is necessary to:
   a. Protect the water sources (quantity or quality);
   b. Meet other legal obligations including other correlative rights;
   c. Insure adequate conservation measures;
   d. Require efficiency of water uses;
   e. Reserve water for future uses, provided that all legal existing uses of water as of June, 1987 shall be protected;
   f. Meet legal obligations to the Department of Hawaiian Home Lands, if applicable; or
   g. Carry out such other necessary and proper exercise of the State’s and the Commission’s police powers under law as may be required.

Prior to any reduction, the Commission shall give notice of its proposed action to the permittee and provide the permittee an opportunity to be heard.

10. If the ground-water source does not presently exist, the new well shall be completed, i.e. able to withdraw water for the proposed use on a regular basis, within twenty-four (24) months from the date the water use permit is approved.

11. An approved flowmeter(s) need not be installed to measure monthly withdrawals and a monthly record of withdrawals, salinity, temperature, and pumping times must be kept and reported to the Commission on Water Resource Management on forms provided by the Commission on a yearly basis (attached).

12. This permit shall be subject to the Commission’s periodic review of the Waipahu-Waiawa Aquifer System’s sustainable yield. The amount of water authorized by this permit may be reduced by the Commission if the sustainable yield of the Waipahu-Waiawa Aquifer System, or relevant modified aquifer(s), is reduced.
13. A permit may be transferred, in whole or in part, from the permittee to another, if:
   a. The conditions of use of the permit, including, but not limited to, place, quantity, and purpose of the use, remain the same; and
   b. The Commission is informed of the transfer within ninety days.

Failure to inform the department of the transfer invalidates the transfer and constitutes a ground for revocation of the permit. A transfer which involves a change in any condition of the permit, including a change in use covered in HRS § 174C-57, is also invalid and constitutes a ground for revocation.

14. The use(s) authorized by law and by this permit do not constitute ownership rights.

15. The permittee shall request modification of the permit as necessary to comply with all applicable laws, rules, and ordinances which will affect the permittee’s water use.

16. The permittee understands that under HRS § 174C-58(4), that partial or total nonuse, for reasons other than conservation, of the water allowed by this permit for a period of four (4) continuous years or more may result in a permanent revocation as to the amount of water not in use. The Commission and the permittee may enter into a written agreement that, for reasons satisfactory to the Commission, any period of nonuse may not apply towards the four-year period. Any period of nonuse which is caused by a declaration of water shortage pursuant to section HRS § 174C-62 shall not apply towards the four-year period of forfeiture.

17. The permittee shall prepare and submit a water shortage plan within 30 days of the issuance of this permit as required by HAR § 13-171-42(c). The permittee’s water shortage plan shall identify what the permittee is willing to do should the Commission declare a water shortage in the Wai`apahu-Waiawa Ground-Water Management Area.

18. The water use permit granted shall be an interim water use permit, pursuant to HAR § 13-167-3(6). The final determination of the water use quantity shall be made within five years of the filing of the application.

19. The water use permit shall be subject to the Commission’s establishment of instream standards and policies relating to the Stream Protection and Management (SPAM) program, as well as legislative mandates to protect stream resources.

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

21. The permittee understands that any willful violation of any of the above conditions or any provisions of HRS § 174C or HAR § 13-171 may result in the suspension or revocation of this permit.

I have read the conditions and terms of this permit and understand them. I accept and agree to meet these conditions as a prerequisite and underlying condition of my ability to proceed and understand that I do not hold a valid permit until I have signed, dated, and returned the permit to the Commission. I also understand that non-compliance with any permit condition may be grounds for revocation and fines of up to $1000 per day.

Permittee’s Signature: ___________________________ Date: 10/30/98

Printed Name: ___________________________ Firm or Title: ___________________________

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

Attachment

cc: Donna Goth, The Estate of James Campbell
August 28, 2002

Mr. Takiguchi:

We are writing to request that you submit a water shortage plan for the Honouliuli Well (Well No. 2201-02), as required under Administrative Rule §13-171-42(c), which states:

"All permittees, unless exempted by the Commission, shall submit a water shortage plan outlining how it will reduce its own water use in case of a shortage. Every water shortage plan shall be subject to approval or modification by the Commission."

Your water shortage plan should identify what you are willing to do should the Commission declare a water shortage situation in the Waipahu-Waiawa Ground-Water Management Area. In a water shortage situation, the Commission may require temporary reductions in pumpage from all sources. The Commission is required, by law, to formulate a plan to implement such area-wide reductions, which shall consider and incorporate appropriate provisions set forth within your water shortage plan for implementation. Therefore, your help in submitting a water shortage plan will be beneficial in the Commission's formulation of an overall Water Shortage Plan. At a minimum, we request that you identify the percent reduction (e.g. 5%, 10%, 15%, etc.) in water use that can be sustained indefinitely during a water shortage situation by filling in the table below:

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<tr>
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<th>Permitted Use</th>
<th>Allocation (mgd)</th>
<th>Percent Reduction in Water Use</th>
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<td>Domestic; Irrigation</td>
<td>0.019</td>
<td>&lt;5%</td>
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We are writing to request that you submit a water shortage plan for the Honouliuli Well (Well No. 2201-02), as required under Administrative Rule §13-171-42(c), which states:

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<td>Domestic; Irrigation</td>
<td>0.019</td>
<td></td>
</tr>
</tbody>
</table>
August 28, 2002

After you have filled in the last column on the above table, please make a copy of this letter and return it to us at the above address. Please retain the original for your records.

Please respond to this letter within the next thirty (30) days. If there are any questions, please contact Lenore Nakama at [blank].

Sincerely,

LINNEL T. NISHIOKA
Deputy Director

LN:ss
Mr. 
91-1219 Laulaunui Lane
Ewa Beach, HI 96706

Dear Mr.:

Approval of Modified Water Use Permit for Well No. 2201-02
Waipahu-Waiawa Ground-Water Management Area, Oahu

This letter transmits your modified interim five-year water use permit for Honouliuli Well (Well No. 2201-02) for use of 0.002 million gallons per day (mgd) of water on a 12-month moving average basis that was approved by the Commission on Water Resource Management (Commission) on August 26, 1998. As part of the Commission’s approval, the following special conditions were added and are part of your permit under Standard Permit Condition 20:

Special Conditions

a. Should an alternate permanent source of water be found for this use, then the Commission reserves the right to revoke this permit, after a hearing.

b. This interim water use permit shall cease to become interim and shall be subject to Haw. Rev. Stat. §174C-55 upon administrative review of the quantity within 5 years, provided that all conditions of the use (including the review of the quantity which shall not be greater than the amount initially granted) remain the same.

c. In the event that the tax map key at the location of the water use is changed, the permittee shall notify the Commission in writing of the tax map key change within thirty (30) days after the permittee receives notice of the tax map key change.

d. This water use permit, WUP No. 495, shall supersede WUP No. 457.

Enclosed with this letter of approval are the following:

1. Your water use permit

2. Your official monthly water use report form
Please be sure to read the conditions of your approved permit. If you accept these terms, please sign and return one copy of this permit to the Commission and retain a copy for your record.

We draw your attention to two key conditions of your permit that require your response. First, you are required to keep a record of your monthly total pumpage, water level, salinity, and water temperature. This information must be submitted to the Commission on a regular annual basis using the enclosed water use report form. You should make copies of the enclosed report form as needed.

Second, you are required to submit a water shortage plan to the Commission within thirty (30) days of the issuance date of this permit. Your water shortage plan simply identifies what you are willing to do should the Commission declare a water shortage situation in the Waipahu-Waiawa Ground-Water Management Area and can be as short as a one page letter. In a water shortage situation, the Commission may require temporary reductions in pumpage from all sources. The Commission is required, by law, to formulate a plan to implement such area-wide reductions, which should accommodate, include, and be consistent with your plans. Therefore, your help, by submitting your water shortage plan, is greatly needed in formulating the Commission's overall Water Shortage Plan.

If you have any questions, please call the Commission staff at [number].

Aloha,

MICHAEL D. WILSON
Chairperson

Attachments
GROUND-WATER USE PERMIT
WUP NO. 495

PERMITTEE
Permittee/Water User
Address
91-1219 LAULAUNUI LANE
EWA BEACH, HI 96706

Landowner of Source
Address
THE ESTATE OF JAMES CAMPBELL
1001 KAMOKILA BLVD.
KAPOLEI, HI 96707

PERMITTED SOURCE INFORMATION
Island: OAHU
Water Management Area: WAIPAHU-WAIAWA
Aquifer Sector: PEARL HARBOR
Aquifer System: WAIPAHU-WAIAWA
System Sustainable Yield: 119 mgd
Well Name: HONOUILI
State Well No.: 2201-02

PERMITTED USE INFORMATION
Reasonable beneficial use: DOMESTIC; IRRIGATION
Withdrawal (12 month moving ave.): 0.002 mgd
Location of water use
TMK #: 9-1-20:10
Address
91-1219 LAULAUNUI LANE
State land use classification: URBAN
County zoning classification: R-5

Pursuant to Hawaii's State Constitution, Article XI, Section 7, Hawaii Revised Statutes, Chapter 174C; Hawaii Administrative Rules, Chapters 13-167 through 13-171; and Hawaii decisional law and custom, the permittee is hereby authorized to use ground water from the sources and in the amount and from and upon the locations described above; subject however, to the requirements of law including but not limited to the following conditions:
1. The water described in this water use permit may only be taken from the location described and used for the reasonable beneficial use described at the location described above. Reasonable beneficial uses means "the use of water in such a quantity as is necessary for economic and efficient utilization which is both reasonable and consistent with State and County land use plans and the public interest." (HRS § 174C-3)

2. The right to use ground water is a shared use right.

3. The water use must at all times meet the requirements set forth in HRS § 174C-49(a), which means that it:
   a. Can be accommodated with the available water source;
   b. Is a reasonable-beneficial use as defined in HRS § 174C-3;
   c. Will not interfere with any existing legal use of water;
   d. Is consistent with the public interest;
   e. Is consistent with State and County general plans and land use designations;
   f. Is consistent with County land use plans and policies; and
   g. Will not interfere with the rights of the Department of Hawaiian Home Lands as provided in section 221 of the Hawaiian Homes Commission Act and HRS § 174C-101(a).

4. The ground-water use here must not interfere with surface or other ground-water rights or reservations.

5. The ground-water use here must not interfere with interim or permanent instream flow standards. If it does, then:
   a. A separate water use permit for surface water must be obtained in the case an area is also designated as a surface water management area;
   b. The interim or permanent instream flow standard, as applicable, must be amended.

6. The water use authorized here is subject to the requirements of the Hawaiian Homes Commission Act, as amended, if applicable.

7. The water use permit application and submittal, as amended, approved by the Commission at its August 26, 1998 meeting are incorporated into this permit by reference.

8. Any modification of the permit terms, conditions, or uses may only be made with the express written consent of the Commission.

9. This permit may be modified by the Commission and the amount of water initially granted to the permittee may be reduced if the Commission determines it is necessary to:
   a. protect the water sources (quantity or quality);
   b. meet other legal obligations including other correlative rights;
   c. insure adequate conservation measures;
   d. require efficiency of water uses;
   e. reserve water for future uses, provided that all legal existing uses of water as of June, 1987 shall be protected;
   f. meet legal obligations to the Department of Hawaiian Home Lands, if applicable; or
   g. carry out such other necessary and proper exercise of the State's and the Commission's police powers under law as may be required.

Prior to any reduction, the Commission shall give notice of its proposed action to the permittee and provide the permittee an opportunity to be heard.

10. If the ground-water source does not presently exist, the new well shall be completed, i.e. able to withdraw water for the proposed use on a regular basis, within twenty-four (24) months from the date the water use permit is approved.

11. An approved flowmeter(s) need not be installed to measure monthly withdrawals and a monthly record of withdrawals, salinity, temperature, and pumping times must be kept and reported to the Commission on Water Resource Management on forms provided by the Commission on a yearly basis (attached).

12. This permit shall be subject to the Commission's periodic review of the Waipahu-Walawa Aquifer System's sustainable yield. The amount of water authorized by this permit may be reduced by the Commission if the sustainable yield of the Waipahu-Walawa Aquifer System, or relevant modified aquifer(s), is reduced.
13. A permit may be transferred, in whole or in part, from the permittee to another, if:
   a. The conditions of use of the permit, including, but not limited to, place, quantity, and purpose of the use, remain the same; and
   b. The Commission is informed of the transfer within ninety days.

Failure to inform the department of the transfer invalidates the transfer and constitutes a ground for revocation of the permit. A transfer which involves a change in any condition of the permit, including a change in use covered in HRS § 174C-57, is also invalid and constitutes a ground for revocation.

14. The use(s) authorized by law and by this permit do not constitute ownership rights.

15. The permittee shall request modification of the permit as necessary to comply with all applicable laws, rules, and ordinances which will affect the permittee's water use.

16. The permittee understands that under HRS § 174C-58(4), that partial or total nonuse, for reasons other than conservation, of the water allowed by this permit for a period of four (4) continuous years or more may result in a permanent revocation as to the amount of water not in use. The Commission and the permittee may enter into a written agreement that, for reasons satisfactory to the Commission, any period of nonuse may not apply towards the four-year period. Any period of nonuse which is caused by a declaration of water shortage pursuant to section HRS § 174C-62 shall not apply towards the four-year period of forfeiture.

17. The permittee shall prepare and submit a water shortage plan within 30 days of the issuance of this permit as required by HAR § 13-171-42(c). The permittee’s water shortage plan shall identify what the permittee is willing to do should the Commission declare a water shortage in the Wai'ahu-Wai'awa Ground-Water Management Area.

18. The water use permit granted shall be an interim water use permit, pursuant to HAR § 13-167-3(6). The final determination of the water use quantity shall be made within five years of the filing of the application.

19. The water use permit shall be subject to the Commission's establishment of instream standards and policies relating to the Stream Protection and Management (SPAM) program, as well as legislative mandates to protect stream resources.

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

21. The permittee understands that any willful violation of any of the above conditions or any provisions of HRS § 174C or HAR § 13-171 may result in the suspension or revocation of this permit.

I have read the conditions and terms of this permit and understand them. I accept and agree to meet these conditions as a prerequisite and underlying condition of my ability to proceed and understand that I do not hold a valid permit until I have signed, dated, and returned the permit to the Commission. I also understand that non-compliance with any permit condition may be grounds for revocation and fines of up to $1000 per day.

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Permittee's Signature: _____________________________ Date: _____________________________
Printed Name: _____________________________ Firm or Title: _____________________________

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

Attachment
cc: Donna Goth, The Estate of James Campbell
Mr. [Redacted]
P.O. Box 1346
Ewa, HI 96706

Dear Mr. Takiguchi:

Approval of Modified Water Use Permit for Well No. 2201-02
Waipahu-Waiawa Ground-Water Management Area, Oahu

This letter transmits your modified interim five-year water use permit for Honouliuli Well (Well No. 2201-02) for use of 0.019 million gallons per day (mgd) of water on a 12-month moving average basis that was approved by the Commission on Water Resource Management (Commission) on August 26, 1998. As part of the Commission's approval, the following special conditions were added and are part of your permit under Standard Permit Condition 20:

**Special Conditions**

a. Should an alternate permanent source of water be found for this use, then the Commission reserves the right to revoke this permit, after a hearing.

b. This interim water use permit shall cease to become interim and shall be subject to Haw. Rev. Stat. §174C-55 upon administrative review of the quantity within 5 years, provided that all conditions of the use (including the review of the quantity which shall not be greater than the amount initially granted) remain the same.

c. In the event that the tax map key at the location of the water use is changed, the permittee shall notify the Commission in writing of the tax map key change within thirty (30) days after the permittee receives notice of the tax map key change.

d. This water use permit, WUP No. 500, shall supersede WUP No. 457.

Enclosed with this letter of approval are the following:

1. Your water use permit
2. Your official monthly water use report form
Please be sure to read the conditions of your approved permit. If you accept these terms, please sign and return one copy of this permit to the Commission and retain a copy for your record.

We draw your attention to two key conditions of your permit that require your response. First, you are required to keep a record of your monthly total pumpage, water level, salinity, and water temperature. This information must be submitted to the Commission on a regular annual basis using the enclosed water use report form. You should make copies of the enclosed report form as needed.

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If you have any questions, please call the Commission staff at [Redacted]

Aloha,

MICHAEL D. WILSON
Chairperson

Attachments
GROUND-WATER USE PERMIT
WUP NO. 500

PERMITTEE

Permittee/Water User
Address

Landowner of Source
Address

PERMITTED SOURCE INFORMATION

Island
Water Management Area
Aquifer Sector
Aquifer System
System Sustainable Yield
Well Name
State Well No.

OAHU
WAIPAHU-WAIWA
PEARL HARBOR
WAIPAHU-WAIWA
119 mgd
HOUNULUULLI
2201-02

PERMITTED USE INFORMATION

Reasonable beneficial use
Withdrawal (12 month moving ave.)
Location of water use
TMK #
Address
State land use classification
County zoning classification

DOMESTIC; IRRIGATION
0.019 mgd
9-1-10:04, 11, 12
HOUNULUULLI, EWA
URBAN
R-5

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10. If the ground-water source does not presently exist, the new well shall be completed, i.e. able to withdraw water for the proposed use on a regular basis, within twenty-four (24) months from the date the water use permit is approved.

11. An approved flowmeter(s) need not be installed to measure monthly withdrawals and a monthly record of withdrawals, salinity, temperature, and pumping times must be kept and reported to the Commission on Water Resource Management on forms provided by the Commission on a yearly basis (attached).

12. This permit shall be subject to the Commission's periodic review of the Waipahu-Walawa Aquifer System's sustainable yield. The amount of water authorized by this permit may be reduced by the Commission if the sustainable yield of the Waipahu-Walawa Aquifer System, or relevant modified aquifer(s), is reduced.
13. A permit may be transferred, in whole or in part, from the permittee to another, if:
   a. The conditions of use of the permit, including, but not limited to, place, quantity, and purpose of the use, remain the same; and
   b. The Commission is informed of the transfer within ninety days.

Failure to inform the department of the transfer invalidates the transfer and constitutes a ground for revocation of the permit. A transfer which involves a change in any condition of the permit, including a change in use covered in HRS § 174C-57, is also invalid and constitutes a ground for revocation. 

14. The use(s) authorized by law and by this permit do not constitute ownership rights.

15. The permittee shall request modification of the permit as necessary to comply with all applicable laws, rules, and ordinances which will affect the permittee's water use.

16. The permittee understands that under HRS § 174C-58(4), that partial or total nonuse, for reasons other than conservation, of the water allowed by this permit for a period of four (4) continuous years or more may result in a permanent revocation as to the amount of water not in use. The Commission and the permittee may enter into a written agreement that, for reasons satisfactory to the Commission, any period of nonuse may not apply towards the four-year period. Any period of nonuse which is caused by a declaration of water shortage pursuant to section HRS § 174C-62 shall not apply towards the four-year period of forfeiture.

17. The permittee shall prepare and submit a water shortage plan within 30 days of the issuance of this permit as required by HAR § 13-171-42(c). The permittee’s water shortage plan shall identify what the permittee is willing to do should the Commission declare a water shortage in the Walpahu-Walawa Ground-Water Management Area.

18. The water use permit granted shall be an interim water use permit, pursuant to HAR § 13-167-3(6). The final determination of the water use quantity shall be made within five years of the filing of the application.

19. The water use permit shall be subject to the Commission’s establishment of instream standards and policies relating to the Stream Protection and Management (SPAM) program, as well as legislative mandates to protect stream resources.

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

21. The permittee understands that any willful violation of any of the above conditions or any provisions of HRS § 174C or HAR § 13-171 may result in the suspension or revocation of this permit.

MICHAEL D. WILSON, Chairperson
Commission on Water Resource Management

I have read the conditions and terms of this permit and understand them. I accept and agree to meet these conditions as a prerequisite and underlying condition of my ability to proceed and understand that I do not hold a valid permit until I have signed, dated, and returned the permit to the Commission. I also understand that non-compliance with any permit condition may be grounds for revocation and fines of up to $1000 per day.

Permittee's Signature: ____________________________ Date: ____________________________
Printed Name: ________________________________ Firm or Title: ____________________________

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

Attachment
[ ] The Estate of James Campbell
for the meeting of the
COMMISSION ON WATER RESOURCE MANAGEMENT
August 26, 1998
Honolulu, Oahu

1. The Estate of James Campbell
2. The Estate of James Campbell

MODIFICATION OF A WATER USE PERMIT (WUP No. 457)
TO WUP Nos. 495 & 500
Honouliuli Well (Well No. 2201-02), TMK 9-1-20:22
Existing Domestic Use for (Total) 0.021 mgd
Waipahu-Waiawa Ground Water Management Area, Oahu

APPLICANT(S):

1. 91-1219 Laulaunui Lane
    Ewa Beach, HI 96706
2. P.O. Box 1346
   Ewa Beach, HI 96706

LANDOWNER:

The Estate of James Campbell
1001 Kamokila Blvd.
Kapolei, HI 96707

LOCATION MAP: See Exhibit 1

BACKGROUND:

On April 2, 1997, the Commission on Water Resource Management (Commission) issued WUP No. 457 to The Estate of James Campbell for the existing use of 0.020 mgd for Well No. 2201-02 for the domestic and irrigation needs of seven (7) residences at TMK 9-1-20:4, 10, 11, and 12. This shared artesian source has been the sole source of domestic and irrigation water for the residences since at least 1930.

On May 29, 1998, two (2) completed water use permit applications were received from Tadao Abe and Gary Takiguchi. Pursuant to section 175C-51(1)(B) HRS, both applications were made jointly with The Estate of James Campbell (Campbell), the landowner at the water source. The applications are to modify WUP No. 457 by deleting existing use allocation for TMK 9-1-20:10 from WUP No. 457 and issuing separate permits.

Additional information regarding the source, use, notification, objections, and field investigation(s) is provided in Attachment A.
ANALYSIS/ISSUES:

Section 174C-49(a) of the State Water Code establishes seven (7) criteria that must be met to obtain a water use permit. An analysis of the proposed permit in relation to these criteria follows:

(1) Water availability

Through the Hawaii Water Plan, the Commission has adopted 119 mgd as the sustainable yield for the Waipahu-Waiawa Aquifer System. Individual existing water use permits in this aquifer system are shown in Exhibit 2. A summary of the current ground water conditions in the aquifer is provided in Table 1:

Table 1. Waipahu-Waiawa Aquifer System

<table>
<thead>
<tr>
<th>ITEM</th>
<th>WAIPAHU-WAIAWA AQUIFER SYSTEM (mgd)</th>
</tr>
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<tbody>
<tr>
<td>Current 12-MAV (as of 6/98)</td>
<td>50.410</td>
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<tr>
<td>Sustainable Yield</td>
<td>119</td>
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<tr>
<td>Less: Other Existing Water Use Permits(^1)</td>
<td>-98.055</td>
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<tr>
<td>Reservation to DHHL</td>
<td>-1.581</td>
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<tr>
<td>Subtotal (Current Available Allocation)</td>
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<tr>
<td>Less: Pending Completed Applications(^2)</td>
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<tr>
<td>EPWDC, Well No. 2302-07</td>
<td>1.120 mgd</td>
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<td>Hawaii CC, Well No. 2603-01</td>
<td>0.780 mgd</td>
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<tr>
<td>Bishop Estate, Well No. 2657-05</td>
<td>4.200 mgd</td>
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<tr>
<td>Takiguchi/Abe, Well No. 2201-02</td>
<td>0.001 mgd</td>
</tr>
<tr>
<td>State DHHL (Additional Reservation)</td>
<td>2.303 mgd</td>
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<tr>
<td>Subtotal (Potential Available Allocation)</td>
<td>10.960</td>
</tr>
</tbody>
</table>

\(^1\) Shown in Exhibit 2

\(^2\) Shown in Exhibit 3.

Does not include portions of applications that are already covered under an existing permit:

Hawaii CC, WUP No. 112 for 0.220 mgd
DHCD/Campbell Estate, WUP No. 124 for 6.113 mgd
WUP No. 457 for 0.020 mgd

(Also, a reservation request by The Estate of James Campbell for 26.779 mgd is being reviewed for completeness and is not included.)

Table 1 shows that there is currently 10.960 mgd of water available for allocation, while pending requests for water use permits/water reservations total 8.404 mgd (excluding Campbell Estate's reservation request that is currently being reviewed for completeness) leaving 10.960 mgd available for allocation.
However, an issue is the cessation of Oahu Sugar Company irrigation practices on lands overlying the aquifer and the associated decrease in return irrigation recharge (40% to 60% of applied irrigation water) that is expected to result in a lower sustainable yield.

The staff is currently engaged in ground water modelling using the U.S. Geological Survey's RASA and Central Corridor ground water model to further refine our estimate of the aquifer's sustainable yield given the loss in return irrigation recharge.

Given the present uncertainty in the aquifer's current and future sustainable yields and the competing demands for water, the staff recommends that the Commission defer action on all pending requests for new uses in the Waipahu-Waiawa Aquifer System until a decision is made on a new sustainable yield number for the aquifer. Our new estimate should be ready for Commission consideration by September, 1998.

(2) Reasonable-beneficial

Section 174C-3 HRS defines "reasonable-beneficial use" is "...the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is both reasonable and consistent with the state and county land use plans and the public interest".

These applications are to modify the existing water use permit (WUP No. 457) by separating out two end users. WUP No. 457 will thus be bifurcated. Exhibit 4 shows the initial application for Well No. 2201-02 and approval for WUP No. 457. Exhibits 5 and 6 show Abe's and Takiguchi's pending applications (WUP Nos. 495 & 500).

A comparison of Exhibit 4 in relation to Exhibits 5 and 6 show that Mr. Abe is requesting an additional 1,000 gpd to accommodate his long-standing existing irrigation use, which was not reflected in WUP No. 457, and which would increase his total allocation from 500 gpd to 1,500 gpd.

The initial existing use estimate for all end-uses of Well No. 2201-02 is 0.020 mgd (WUP No. 457). However, these two new applications to modify WUP No. 457 show a total request for 0.021 mgd. Thus, there is a discrepancy of 0.001 mgd. The requested quantities are based on estimated actual usage. Metered data are not available to verify the existing use estimates nor required under WUP No. 457.

Because of the uncertainty in water availability for new allocations, guidelines for domestic and agricultural water requirements may be used to apportion the 0.020 mgd permitted use among the two end-use applications.

The guideline for domestic use is 500 gpd (Hawaii Water Systems Standards, 1985). The guideline for diversified agriculture is between 2,500 gpd/acre (the "starting point" low end of the Waiahole Ditch Decision and Order (3,500 gpd/acre was also identified as a planning guideline), December 24, 1997) and 7,784 gpd/acre (Table 4-4, Oahu Water Requirements for Selected Crops, Oahu Water Management Plan, 1992 Draft). Takiguchi's application is for six (6) residences and 4 acres of vegetable crops (verified during July 29, 1996 field investigation). Abe's application is for one (1) residence and less than one (1) acre of vegetable crop.
Table 2 (below) shows that there is no issue regarding the domestic demand; both applications indicate a domestic need for 500 gpd/unit, which is consistent with our guideline for domestic use (Hawaii Water System Standards, 1985). However, the agricultural demand estimate varies. Abe's agricultural request equates to 2,000 gpd/acre, which is less than the lower guideline, 2,500 gpd/acre, for diversified agriculture. Therefore, Abe's request appears reasonable, although somewhat lower than the guidelines would suggest. Takiguchi's agricultural request equates to 4,200 gpd/acre (after a downward adjustment of the irrigated acreage from 4.8 acres to 4 acres, based on the staff's field investigation). This is also within the range for reasonable diversified agricultural use (2,500 gpd/acre to 7,784 gpd/acre), although considerably higher than Abe's estimate for agricultural water need.

Because of the current re-evaluation of the sustainable yield of the Waipahu-Waiawa Aquifer System, the Commission's decisions to defer any new allocations, and the attempt to share the allocation within the bounds set by WUP No. 457, the staff recommends that the Commission reduce Takiguchi's request for agricultural irrigation by 1,000 gpd (or from 4,200 gpd/acre to 3,950 gpd/acre, which is a duty greater than that requested by Abe) and approve allocations of 1,500 gpd and 18,800 gpd for  and  respectively, as shown in Table 2.

<table>
<thead>
<tr>
<th>APPLICANT</th>
<th>UNITS</th>
<th>GPD/UNIT</th>
<th>TOTAL DOMESTIC</th>
<th>ACRES</th>
<th>REQUESTED GPD/ACRE</th>
<th>TOTAL AGRIC</th>
<th>TOTAL R-B^2 GPD</th>
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<tr>
<td>Abe</td>
<td>1</td>
<td>500</td>
<td>500</td>
<td>0.5</td>
<td>2,000</td>
<td>1,000</td>
<td>1,500</td>
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<tr>
<td>Takiguchi</td>
<td>6</td>
<td>500</td>
<td>3,000</td>
<td>4</td>
<td>4,200 (3,950)</td>
<td>16,800 (15,800)</td>
<td>18,800</td>
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<tr>
<td>TOTAL</td>
<td></td>
<td></td>
<td>3,000</td>
<td></td>
<td></td>
<td></td>
<td>20,300</td>
</tr>
</tbody>
</table>

1. Duty range is 2,500 gpd/acre to 7,784 gpd/acre
2. Reasonable-Beneficial
3. Staff adjusted duty

(3) **Interference with other existing legal uses**

These requests are for long-standing existing uses. No interference with other existing legal uses are anticipated.

(4) **Public interest**

The continuation of these existing uses of water is deemed to be in the public interest, provided that the uses comply with the provisions of §174C-49(a) HRS.

(5) **State & county general plans and land use designations**

These proposed uses are consistent with the state and county general plans and land use designations.
(6) **County land use plans and policies**

These proposed uses are consistent with county land use plans and policies.

(7) **Interference with Hawaiian home lands rights**

All permits are subject to the prior rights of Hawaiian home lands. The Department of Hawaiian Home Lands (DHHL) and the Office of Hawaiian Affairs have reviewed this application. No comments or concerns were raised.

**RECOMMENDATION:**

Staff recommends that the Commission approve:

1. The issuance of an interim five-year water use permit (WUP No. 495) to [redacted] The Estate of James Campbell for the reasonable and beneficial use of 1,500 gallons per day of potable water for domestic and irrigation use from Honouliuli Well (Well No. 2201-02), subject to the standard water use permit conditions listed in Attachment B and the following special conditions:

   a. Should an alternate permanent source of water be found for this use, then the Commission reserves the right to revoke this permit, after a hearing.

   b. This interim water use permit shall cease to become interim and shall be subject to Haw. Rev. Stat. §174C-55 upon administrative review of the quantity within 5 years, provided that all conditions of the use (including the review of the quantity which shall not be greater than the amount initially granted) remain the same.

   c. In the event that the tax map key at the location of the water use is changed, the permittee shall notify the Commission in writing of the tax map key change within thirty (30) days after the permittee receives notice of the tax map key change.

   d. This water use permit, WUP No. 495, shall supersede WUP No. 457.

2. The issuance of an interim five-year water use permit (WUP No. 500) to [redacted] The Estate of James Campbell for the reasonable and beneficial use of 18,800 gallons per day of potable water for domestic and irrigation use from Honouliuli Well (Well No. 2201-02), subject to the standard water use permit conditions listed in Attachment B and the following special conditions:

   a. Should an alternate permanent source of water be found for this use, then the Commission reserves the right to revoke this permit, after a hearing.

   b. This interim water use permit shall cease to become interim and shall be subject to Haw. Rev. Stat. §174C-55 upon administrative review of the quantity within 5 years, provided that all conditions of the use (including the review of the quantity which shall not be greater than the amount initially granted) remain the same.
c. In the event that the tax map key at the location of the water use is changed, the permittee shall notify the Commission in writing of the tax map key change within thirty (30) days after the permittee receives notice of the tax map key change.

d. This water use permit, WUP No. 500, shall supersede WUP No. 457.

Respectfully submitted,

TIMOTHY E. JOHNS
Deputy Director

Attachment(s):  
A (Water Use Permit Detailed Information)  
B (Water Use Permit Standard Conditions)  

Exhibit(s):  
1 (Location Map)  
2 (Existing Water Use Permits and 12-Month Moving Average Withdrawal)  
3 (Pending Water Use Permit Applications)  
4 (Initial Application for Abe/Takiguchi)  
5 (Pending Application for Abe)  
6 (Pending Application for Takiguchi)
WATER USE PERMIT DETAILED INFORMATION

Source Information

AQUIFER: Waipahu-Waiawa System, Pearl Harbor Sector, Oahu

Sustainable Yield:
Existing Water Use Permits and Reservations (Exhibit 2):
Existing Water Use Permits and Reservations (Exhibit 2):
Available Allocation:
Total of other pending allocations:

WELL:
Honouliuli Well (Well No. 2201-02)
Honouliuli, Oahu, TMK:9-1- 20:22
(Pre-1930)

Location:
Honouliuli, Oahu, TMK:9-1-20:22
(Pre-1930)

Year Drilled:
Year Drilled:

Casing Diameter:

Elevations (msl= 0 ft.)
Water Level:
- Ground:
- Bottom of Solid Casing:
- Bottom of Perforated:
- Bottom of Open Hole:

Total Depth:
Grouted Annulus Depth:

Pump Capacity

Artesian (30 gpm)

Use Information

Quantity Requested:
1,500 gallons per day (WUP No. 495)
19,800 gallons per day (WUP No. 500)

Existing Type of Water Use:
Domestic; Irrigation
Place of Water Use:
Honouliuli, Ewa, Oahu
TMK 9-1-20:10 (WUP No. 495)
TMK 9-1-20:4,11,12 (WUP No. 500)

ATTACHMENT A
Reported Water Usage: NA gpd

Waipahu-Waiawa Aquifer System
Current 12-Month Moving Average Withdrawal (See Exhibit 2): 50.410 mgd

Nearby Surrounding Wells and Other Registered Ground Water Use

There are other wells in the vicinity of Well No. 2202-01 (see Exhibit 1). Interference with other existing legal uses is not anticipated from the continuation of these existing uses.

Public Notice

In accordance with HAR §13-171-17, a public notice was published in the Honolulu Advertiser on June 29, 1998 and July 6, 1998 and a copy of the notice was sent to the Mayor’s office. Copies of the completed application were sent to the Department/Board of Water Supply, Planning Department, Department of Land Utilization (Oahu only), Department of Health, Department of Hawaiian Home Lands, Office of Hawaiian Affairs, the various divisions within the Department of Land and Natural Resources, and other interested parties for comments. Written comments and objections to the proposed permit were to be submitted to the Commission by July 20, 1998.

Objections

The public notice specifies that an objector meet the following requirements: (1) state property or other interest in the matter; (2) set forth questions of procedure, fact, law, or policy, to which objections are taken; (3) state all grounds for objections to the proposed permits, (4) provide a copy of the objection letter(s) to the applicant, and (5) submit objections meeting the previous requirements to the Commission by July 20, 1998.

To the best of staff’s knowledge there are no objectors who have property interest within the Waipahu-Waiawa Aquifer System or who will be directly and immediately affected by the proposed water use.

Briefs in Support

Responses to objections, or briefs in support, regarding the application are required to be filed with the Commission ten (10) days after an objection is filed and, presumably, copies are served to the applicant. No briefs in support were filed with the Commission.

Field Investigation

The water source and existing use was investigated on July 29, 1996. The investigation(s) verified the applicant’s need for a water use permit.
STANDARD WATER USE PERMIT CONDITIONS

1. The water described in this water use permit may only be taken from the location described and used for the reasonable beneficial use described at the location described above. Reasonable beneficial uses means "the use of water in such a quantity as is necessary for economic and efficient utilization which is both reasonable and consistent with State and County land use plans and the public interest." (HRS § 174C-3)

2. The right to use ground water is a shared use right.

3. The water use must at all times meet the requirements set forth in HRS § 174C-49(a), which means that it:
   a. Can be accommodated with the available water source;
   b. Is a reasonable-beneficial use as defined in HRS § 174C-3;
   c. Will not interfere with any existing legal use of water;
   d. Is consistent with the public interest;
   e. Is consistent with State and County general plans and land use designations;
   f. Is consistent with County land use plans and policies; and
   g. Will not interfere with the rights of the Department of Hawaiian Home Lands as provided in section 221 of the Hawaiian Homes Commission Act and HRS § 174C-101(a).

4. The ground water use here must not interfere with surface or other ground water rights or reservations.

5. The ground water use here must not interfere with interim or permanent instream flow standards. If it does, then:
   a. A separate water use permit for surface water must be obtained in the case an area is also designated as a surface water management area;
   b. The interim or permanent instream flow standard, as applicable, must be amended.

6. The water use authorized here is subject to the requirements of the Hawaiian Homes Commission Act, as amended, if applicable.

7. The water use permit application and submittal, as amended, approved by the Commission at its August 26, 1998 meeting are incorporated into this permit by reference.

8. Any modification of the permit terms, conditions, or uses may only be made with the express written consent of the Commission.

9. This permit may be modified by the Commission and the amount of water initially granted to the permittee may be reduced if the Commission determines it is necessary to:
   a. protect the water sources (quantity or quality);
   b. meet other legal obligations including other correlative rights;
   c. insure adequate conservation measures;
   d. require efficiency of water uses;
   e. reserve water for future uses, provided that all legal existing uses of water as of June, 1987 shall be protected;
   f. meet legal obligations to the Department of Hawaiian Home Lands, if applicable; or
   g. carry out such other necessary and proper exercise of the State's and the Commission's police powers under law as may be required.

Prior to any reduction, the Commission shall give notice of its proposed action to the permittee and provide the permittee an opportunity to be heard.

ATTACHMENT B
10. If the ground water source does not presently exist, the new well shall be completed, i.e. able to withdraw water for the proposed use on a regular basis, within twenty-four (24) months from the date the water use permit is approved.

11. An approved flowmeter(s) need not be installed to measure monthly withdrawals and a monthly record of withdrawals, salinity, temperature, and pumping times must be kept and reported to the Commission on Water Resource Management on forms provided by the Commission on a yearly basis (attached).

12. This permit shall be subject to the Commission’s periodic review of the Waipahu-Walawa Aquifer System’s sustainable yield. The amount of water authorized by this permit may be reduced by the Commission if the sustainable yield of the Waipahu-Walawa Aquifer System, or relevant modified aquifer(s), is reduced.

13. A permit may be transferred, in whole or in part, from the permittee to another, if:
   
a. The conditions of use of the permit, including, but not limited to, place, quantity, and purpose of the use, remain the same; and
   
b. The Commission is informed of the transfer within ninety days.

Failure to inform the department of the transfer invalidates the transfer and constitutes a ground for revocation of the permit. A transfer which involves a change in any condition of the permit, including a change in use covered in HRS § 174C-57, is also invalid and constitutes a ground for revocation.

14. The use(s) authorized by law and by this permit do not constitute ownership rights.

15. The permittee shall request modification of the permit as necessary to comply with all applicable laws, rules, and ordinances which will affect the permittee’s water use.

16. The permittee understands that under HRS § 174C-58(4), that partial or total nonuse, for reasons other than conservation, of the water allowed by this permit for a period of four (4) continuous years or more may result in a permanent revocation as to the amount of water not in use. The Commission and the permittee may enter into a written agreement that, for reasons satisfactory to the Commission, any period of nonuse may not apply towards the four-year period. Any period of nonuse which is caused by a declaration of water shortage pursuant to section HRS § 174C-62 shall not apply towards the four-year period of forfeiture.

17. The permittee shall prepare and submit a water shortage plan within 30 days of the issuance of this permit as required by HAR § 13-171-42(c). The permittee’s water shortage plan shall identify what the permittee is willing to do should the Commission declare a water shortage in the Waipahu-Walawa Ground Water Management Area.

18. The water use permit granted shall be an interim water use permit, pursuant to HAR § 13-167-3(6). The final determination of the water use quantity shall be made within five years.

19. The water use permit shall be subject to the Commission’s establishment of instream standards and policies relating to the Stream Protection and Management (SPAM) program, as well as legislative mandates to protect stream resources.

20. The permittee understands that any willful violation of any of the above conditions or any provisions of HRS § 174C or HAR § 13-171 may result in the suspension or revocation of this permit.

ATTACHMENT B
# Annual Ground Water Use Report

**State of Hawaii**
**Commission on Water Resource Management**
**Department of Land and Natural Resources**

**ANNUAL GROUND WATER USE REPORT**

P.O. Box 1346
Ewa Beach, HI 96706

Year of 19_

**INSTRUCTIONS:** Please TYPE OR PRINT CLEARLY. Complete this form to report total monthly ground water use, and, if required, other information from each of your well sources. Mail to: Commission on Water Resource Management, P.O. Box 921, Honolulu HI 96809. For assistance, please call (808) 587-0265.

<table>
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<tr>
<th>Month</th>
<th>State Well No./Well Name</th>
<th>Period Begin Date (mm/dd/yyyy)</th>
<th>Period End Date (mm/dd/yyyy)</th>
<th>Quantity Pumped (gallons)</th>
<th>Method of Measurement</th>
<th>Chloride (mg/l)</th>
<th>Temp. (°F)</th>
<th>Non-Pumping Water Level (ft. above sea level)**</th>
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**Notes:**
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Other comments or additional information (e.g., method of chloride measurements; how pumpage amounts are estimated; etc...):

Submitted by (print) ____________________________

Signature ____________________________

Title ____________________________

Date ____________________________

Form agwurf2.fm (10/96)
## ANNUAL GROUND WATER DELIVERY REPORT

### INSTRUCTIONS:
- Please TYPE OR PRINT CLEARLY.
- Complete this form to report total monthly ground water use and other information from each of your well sources.
- Mail to: Commission on Water Resource Management, P.O. Box 621, Honolulu HI 96809. For assistance, please call (808) 587-0264.

### Year of 19_

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* Use of water code:
- AQ: Aquaculture
- C: Commercial
- D: Domestic
- ID: Irrigation - Drip
- IS: Irrigation - Sprinkle

** For estimated values use code:
- P: Power consumption
- T: Total time of operation
- D: Comparison with past data
- X: Other means - (indicate method)

Other comments or additional information:

Submitted by [print] ___________________________________  Title ___________________________________
Signature ___________________________________  Date ___________________________________
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ANNUAL GROUND WATER DELIVERY REPORT
(INFORMATION TO BE USED BY U.S. GEOLOGICAL SURVEY)

91-1219 Laulaunui Lane
Ewa Beach, HI 96706

Year of 19_

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EXHIBIT 2
### Current Active Water Use Permits

**Location:** Island of Oahu  
**Aquifer:** Wai'ale-Wai'ale  
**Sustainable Yield:** 119 mgd

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(f:/work/database/reports/wup-wma.rpt)  
**EXHIBIT 2**
# Current Active Water Use Permits (Excluding salt water use permits)

**June 29, 1998**

**ISLAND OF OAHU**

**WMA Aquifer System:** WAIPAHU-WAIAWA

**Sustainable Yield:** 119 mgd

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**Available SY:** 99.636

---

**EXHIBIT 2**
Pending Water Use Permit Applications (WUPA) (f:\work\database\reports\wupa-wma.rpt)  

August 6, 1998

Island of: OAHU  
WMA Aquifer System: WAIPAHU-WAIAWA

<table>
<thead>
<tr>
<th>WUP</th>
<th>Applicant</th>
<th>Well Name</th>
<th>Well No.</th>
<th>Received</th>
<th>Acknow</th>
<th>Accepted</th>
<th>Public1</th>
<th>Public2</th>
<th>Objection</th>
<th>Suspense</th>
<th>Agenda</th>
<th>Mgd</th>
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<tr>
<td>495</td>
<td>CAMPBELL ESTATE</td>
<td>EP 7, 8</td>
<td>2202-17</td>
<td>10/9/96</td>
<td>11/18/96</td>
<td>11/27/96</td>
<td>12/23/96</td>
<td>12/30/96</td>
<td>1/14/97</td>
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<td>11/18/96</td>
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<td>12/23/96</td>
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<td>2/25/97</td>
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<td>0.000</td>
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<td>EP 7, 8</td>
<td>2202-20</td>
<td>10/9/96</td>
<td>11/18/96</td>
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<td>12/23/96</td>
<td>12/30/96</td>
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<td>2302-07</td>
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</table>

There are 10 which total 12.455
"Reasonable-beneficial use" means the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is not wasteful and is both reasonable and consistent with the state and county land use plans and the public interest.

15. REMARKS, EXPLANATIONS (cont'd):

- #8 = Estimated by pump capacity.
- #14 = To the best of my knowledge, the proposed use will meet all of these conditions.

<table>
<thead>
<tr>
<th>Date</th>
<th>Type</th>
<th>Exist.</th>
<th>Potable</th>
<th>R-5</th>
<th>1,000</th>
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20,300
"Reasonable beneficial use" means the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is not wasteful and is both reasonable and consistent with the state and county land use plans and the public interest.

**15. REMARKS, EXPLANATIONS (cont'd):**

---

**TABLE 1: MULTIPLE USES OF REQUESTED WATER**

<table>
<thead>
<tr>
<th>PROJECT NAME</th>
<th>EXISTING USE</th>
<th>POTABLE (Y/N)</th>
<th>NONPOTABLE (Y/N)</th>
<th>AREA</th>
<th>ZONING CODE</th>
<th>WATER Acre</th>
<th>EXCESSIVE WATER</th>
<th>4-YEAR PROJECTED DEMAND</th>
<th>TOTAL GDP</th>
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<tr>
<td>9-1-2010</td>
<td>Existing</td>
<td>Potable</td>
<td>N/0</td>
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<td>80</td>
<td>20</td>
<td>200</td>
<td>100</td>
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</table>

**TOTAL GDP**

1,500
Section 13-171-2. Hawaii Revised Statutes -

"Reasonable-beneficial use" means the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is not wasteful and is both reasonable and consistent with the state and county land use plans and the public interest.

15. REMARKS, EXPLANATIONS (cont'd):

#8 = Estimated by pump capacity.
#14 = To the best of my knowledge, the proposed use will meet all of these conditions.

<table>
<thead>
<tr>
<th>PROJECT NAME</th>
<th>EXISTING NEW USE</th>
<th>POTABLE NONPOTABLE</th>
<th>TIME</th>
<th>CURRENT COUNTY ZONING CODE</th>
<th>UNITS OF NET ACRES</th>
<th>GPD/UNIT GPD/ACRE</th>
<th>0-YEAR PROJECT DEMAND</th>
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<td>9-1-20:04</td>
<td>R-5</td>
<td>3</td>
<td>500</td>
<td>1,000 1,000 1,000 1,000</td>
<td>1,000 1,000</td>
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<tr>
<td>9-1-20:11 Domestic</td>
<td>Exist, Portable</td>
<td>9-1-20:11</td>
<td>R-5</td>
<td>3</td>
<td>500</td>
<td>1,500 1,500 1,500 1,500</td>
<td>1,500 1,500</td>
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</tr>
<tr>
<td>9-1-20:12 Domestic</td>
<td>Exist, Portable</td>
<td>9-1-20:12</td>
<td>R-5</td>
<td>1</td>
<td>500</td>
<td>500 500 500 500</td>
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<tr>
<td>9-1-20:04 Irrigation</td>
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<td>9-1-20:04</td>
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<td>16,800 16,800 16,800 16,800</td>
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<td>TOTAL GPD</td>
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COMMISSION ON WATER RESOURCE MANAGEMENT

FROM: Lenore  DATE: 8-24-98  SUSPENSE DATE

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<th>TO:</th>
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<th>TO:</th>
<th>INIT.</th>
<th>FOR:</th>
<th>PLEASE:</th>
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<td>LUM, A.</td>
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<td>Approval</td>
<td>See Me</td>
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<td>CHING, F.</td>
<td></td>
<td>NAKAMA, L.</td>
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<td>Signature</td>
<td>Review &amp; Comment</td>
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<td>NAKANO, D.</td>
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<td>UYENO, D.</td>
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<td>YODA, K.</td>
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<td>KUNIMURA, I.</td>
<td></td>
<td></td>
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</tbody>
</table>

Memo for the Record:

8/24/98 contacted Yang Takayoshi, he told him the recommendation was for 1,000 yd less than requested. He said OK, just send the permit after current approval.

8/24/98 contacted Tadao Aoe, he may come to the current meeting.
August 5, 1998

Honorable Michael D. Wilson, Chairperson
Commission on Water Resource Management
Department of Land and Natural Resources
State of Hawaii
P.O. Box 621
Honolulu, Hawaii 96809

Dear Mr. Wilson:

Water Use Permit Application
for Tadao Abe, Well No. 2201-02

Enclosed are additional comments from the Department of Planning and Permitting (formerly called the Department of Land Utilization) on the subject application. They were received after we transmitted Planning Department comments to you on July 21, 1998.

Should you have any questions, please call Eugene Takahashi of our staff at [phone number].

Yours very truly,

PATRICK T. ONISHI
Chief Planning Officer

Attachment
MEMORANDUM

TO: PATRICK T. ONISHI, CHIEF PLANNING OFFICER
PLANNING DEPARTMENT

FROM: JAN NAOE SULLIVAN, DIRECTOR
DEPARTMENT OF PLANNING AND PERMITTING

SUBJECT: WATER USE PERMIT APPLICATION

Applicant: [Redacted]
Tax Map Key(s): 9-1-20: 10
Type of Use(s): Irrigation for vegetable and fruit crops
Well No(s): 2201-02

The proposed use on the above-referenced tax map key(s) has been reviewed. We find that the:

1. Current zoning designation is R-5 Residential District.
   [ ] Proposed use(s) is/are permitted under current zoning.
   [X] Proposed use(s) is/are not permitted under current zoning (please see comment section for non-conforming use).

2. [ ] Use is within the Special Management Area.
   [X] Use is not within the Special Management Area.
3. Additional Comments: According to Commission on Water Resource Management staff, the owner has been using the well water for commercial crop production for over 80 years. If this is correct, the use is permitted as a nonconforming use.

The proposed project has been reviewed for the purpose of providing the above information and does not imply a recommendation of approval by this Department. Should you have any questions, please contact the Coastal Lands Branch at [redacted].

For JAN NAOE SULLIVAN
Director of Planning and Permitting

JNS:am

g:zd\9804527.djt
Honorable Michael D. Wilson, Chairperson
Commission on Water Resource Management
Department of Land and Natural Resources
State of Hawaii
P.O. Box 621
Honolulu, Hawaii 96809

Dear Mr. Wilson:

Water Use Permit Application
for [Redacted], Well No. 2201-02

This is in response to your memorandum dated June 19, 1998. We have reviewed the subject application and provide the comments below for your consideration.

- The residential and agricultural operation is located within the Urban Growth Boundary on lands shown as low and medium density residential on the Ewa Development Plan Land Use Map. The agricultural activity is non-conforming but may be continued subject to provisions of the Land Use Ordinance.

- We have no objection to the request to modify the existing Water Use Permit No. 457 by issuing separate water use permits to the individual end users. The end user of this application, Tadao Abe, would be allowed 1,500 gpd of potable water from the Waipahu-Waiawa basal aquifer to supply one house and irrigate 0.5 acres of vegetable and fruit crops. The other end user, Gary Takiguchi, would be allowed the remaining balance of 19,800 gpd.
Comments from the Department of Planning and Permitting and the Board of Water Supply (BWS) are attached. BWS notes the rising levels of EDB in the aquifer water.

Should you have any questions, please call Eugene Takahashi of our staff at [redacted].

Yours very truly,

PATRICK T. ONISHI
Chief Planning Officer

PTO:lh

Attachment

c: The Honorable Jeremy Harris, Mayor
(Mayor's Control No. 34636)
MEMORANDUM

TO: PATRICK T. ONISHI, CHIEF PLANNING OFFICER
   PLANNING DEPARTMENT

FROM: JAN NAOE SULLIVAN, DIRECTOR
   DEPARTMENT OF PLANNING AND PERMITTING

SUBJECT: WATER USE PERMIT APPLICATION

Applicant:
Tax Map Key(s): 9-1-20: 10
Type of Use(s): Irrigation for vegetable and fruit crops
Well No(s): 2201-02

The proposed use on the above-referenced tax map key(s) has been reviewed. We find that the:

1. Current zoning designation is R-5 Residential District.
   [ ] Proposed use(s) is/are permitted under current zoning.
   [X] Proposed use(s) is/are not permitted under current zoning (please see comment section for non-conforming use).

2. [ ] Use is within the Special Management Area.
   [X] Use is not within the Special Management Area.
3. Additional Comments: According to Commission on Water Resource Management staff, the owner has been using the well water for commercial crop production for over 80 years. If this is correct, the use is permitted as a nonconforming use.

The proposed project has been reviewed for the purpose of providing the above information and does not imply a recommendation of approval by this Department. Should you have any questions, please contact the Coastal Lands Branch at [redacted].

For JAN NAOE SULLIVAN
Director of Planning
and Permitting

JNS:am

g:zd\9804527.djt
TO: PATRICK T. ONISHI, CHIEF PLANNING OFFICER
PLANNING DEPARTMENT
FROM: BROOKS H. M. YUEN, ACTING MANAGER AND CHIEF ENGINEER
BOARD OF WATER SUPPLY

SUBJECT: APPLICATIONS FOR WATER USE PERMITS

We offer comments on the following water use permits applications to the Commission on Water Resource Management:

1. U.S. DOC/NOAA/NWS Well No. 1900-23. We have no objections to use of water from the Ewa caprock for irrigation purposes.

2. Well No. 2201-02. Although we have no objection to the small of amount of water use from the Waipahu-Waiawa subarea of the Pearl Harbor aquifer, the applicant should be aware of the rising levels of EDB if he intends to drink the water.

3. Well No. 2201-02. Our comments on the application also apply to this application.

If you have any questions, please contact Chester Lao at .
July 21, 1998

Honorable Michael D. Wilson, Chairperson
Commission on Water Resource Management
Department of Land and Natural Resources
State of Hawaii
P.O. Box 621
Honolulu, Hawaii 96809

Dear Mr. Wilson:

Water Use Permit Application
for Gary Takiguchi, Well No. 2201-02

This is in response to your memorandum dated June 19, 1998. We have reviewed the subject application and provide the comments below for your consideration.

- The residential and agricultural operation is located within the Urban Growth Boundary on lands shown as low and medium density residential on the Ewa Development Plan Land Use Map. The agricultural activity is non-conforming but may be continued subject to provisions of the Land Use Ordinance.

- We have no objection to the request to modify the existing Water Use Permit No. 457 by issuing separate water use permits to the individual end users. The end user of this application, [redacted], would be allowed 19,800 gpd of potable water from the Waipahu-Waiawa basal aquifer to supply six houses and irrigate 4.8 acres of vegetable crops. The other end user, [redacted], would be allowed the remaining balance of 1,500 gpd.
Comments from the Department of Planning and Permitting and the Board of Water Supply (BWS) are attached. BWS notes the rising levels of EDB in the aquifer water.

Should you have any questions, please call Eugene Takahashi of our staff at

Yours very truly,

PATRICK T. ONISHI
Chief Planning Officer

PTO: lh

Attachment

c: The Honorable Jeremy Harris, Mayor
(Mayor's Control No. 34637)
MEMORANDUM

TO: PATRICK T. ONISHI, CHIEF PLANNING OFFICER
    PLANNING DEPARTMENT

FROM: JAN NAOE SULLIVAN, DIRECTOR
    DEPARTMENT OF PLANNING AND PERMITTING

SUBJECT: WATER USE PERMIT APPLICATION

Applicant: [redacted]
Tax Map Key(s): 9-1-20
Type of Use(s): Irrigation for vegetable crops
Well No(s): 2201-02

The proposed use on the above-referenced tax map key has been reviewed. We find that we cannot determine the current zoning designation as the complete tax map key (zone, section, plat, parcel) was not provided on the water use permit application. Furthermore, without the complete tax map key (tmk), we cannot determine whether the proposed crop irrigation would be permitted under the current zoning designation of the properties affected. The complete tmk should be provided for the location(s) of the area to be irrigated. Furthermore, if this is an after-the-fact use, information on when the owner first started using the well water to irrigate the crops should be provided on the water use permit application.

Should you have any questions, please contact the Coastal Lands Branch.

For JAN NAOE SULLIVAN
Director of Planning
and Permitting

cc: Commission on Water Resource Management

g:zd\9804528.djt
TO: PATRICK T. ONISHI, CHIEF PLANNING OFFICER
   PLANNING DEPARTMENT

FROM: BROOKS H. M. YUEN, ACTING MANAGER AND CHIEF ENGINEER
   BOARD OF WATER SUPPLY

SUBJECT: APPLICATIONS FOR WATER USE PERMITS

We offer comments on the following water use permits applications to the Commission on Water Resource Management:

1. U.S. DOC/NOAA/NWS Well No. 1900-23. We have no objections to use of water from the Ewa caprock for irrigation purposes.

2. Well No. 2201-02. Although we have no objection to the small of amount of water use from the Waipahu-Waiawa subarea of the Pearl Harbor aquifer, the applicant should be aware of the rising levels of EDB if he intends to drink the water.

3. Well No. 2201-02. Our comments on the application also apply to this application.

If you have any questions, please contact Chester Lao at Pure Water... Our greatest need – use it wisely.
July 13, 1998

TO: PATRICK T. ONISHI, CHIEF PLANNING OFFICER
   PLANNING DEPARTMENT

FROM: BROOKS H. M. YUEN, ACTING MANAGER AND CHIEF ENGINEER
   BOARD OF WATER SUPPLY

SUBJECT: APPLICATIONS FOR WATER USE PERMITS

We offer comments on the following water use permits applications to the Commission on Water Resource Management:

1. U.S. DOC/NOAA/NWS Well No. 1900-23. We have no objections to use of water from the Ewa caprock for irrigation purposes.

2. Well No. 2201-02. Although we have no objection to the small amount of water use from the Waipahu-Waiawa subarea of the Pearl Harbor aquifer, the applicant should be aware of the rising levels of EDB if he intends to drink the water.

3. Well No. 2201-02. Our comments on the application also apply to this application.

If you have any questions, please contact Chester Lao at [contact information].
TO: Honorable Kali Watson, Chairperson
   Department of Hawaiian Home Lands

   Honorable Lawrence Miike, Director
   Department of Health

   Honorable A. Frenchy DeSoto, Chairperson
   Office of Hawaiian Affairs

   Mr. Brooks Yuen, Acting Manager & Chief Engineer
   Honolulu Board of Water Supply

   Mr. Patrick Onishi, Chief Planning Officer
   Planning Department

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

SUBJECT: Water Use Permit Application
         Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for
for Well No. 2201-02. Public notice of this application will be published in the Honolulu
Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify existing WUP No.
457 by issuing separate water use permits to individual end-users.)

We would appreciate your review of the proposed use that is described in the attached
application for any conflicts or inconsistencies with the land use designations, plans, policies,
programs, or objectives specific to your organization or department only. Please respond by
returning this cover memo form by July 20, 1998.

If you have any questions, require additional information, or would like to request an
extension of the review period for this application, please contact Lenore Nakama at

Response:

[ ] We have no comments
[ ] We have no objections
[ ] Comments attached

Contact Person: ___________________________ Phone: ___________________________
Signed: ___________________________ Date: 07/14/98

Attachment(s)
TO: Honorable Kali Watson, Chairperson
Department of Hawaiian Home Lands
Honorable Lawrence Miike, Director
Department of Health
Honorable A. Frenchy DeSoto, Chairperson
Office of Hawaiian Affairs
Mr. Brooks Yuen, Acting Manager & Chief Engineer
Honolulu Board of Water Supply
Mr. Patrick Onishi, Chief Planning Officer
Planning Department

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

SUBJECT: Water Use Permit Application
Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for
Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)

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If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at [redacted].

LN:ss
Attachment(s)

Response:

[ ] We have no comments
( ) We have no objections
( ) Comments attached

Contact Person: [redacted] Phone: [redacted]
Signed: [redacted] Date: 07/14/98
TO: Honorable Kali Watson, Chairperson
   Department of Hawaiian Home Lands

   Honorable Lawrence Miike, Director
   Department of Health

   Honorable A. Frenchy DeSoto, Chairperson
   Office of Hawaiian Affairs

   Mr. Brooks Yuen, Acting Manager & Chief Engineer
   Honolulu Board of Water Supply

   Mr. Patrick Onishi, Chief Planning Officer
   Planning Department

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

SUBJECT: Water Use Permit Application
   Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for Gary Takiguchi for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)

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If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at [telephone number].

LN:ss
Attachment(s)

Response:

☐ We have no comments
☐ We have no objections
☐ Comments attached

Contact Person: [information redacted] Phone: [phone number]
Signed: [signature] Date: 7-2-98
TO: Honorable Kali Watson, Chairperson
Department of Hawaiian Home Lands

Honorable Lawrence Miike, Director
Department of Health

Honorable A. Frenchy DeSoto, Chairperson
Office of Hawaiian Affairs

Mr. Brooks Yuen, Acting Manager & Chief Engineer
Honolulu Board of Water Supply

Mr. Patrick Onishi, Chief Planning Officer
Planning Department

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

SUBJECT: Water Use Permit Application
Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for
Well No. 2201-02. Public notice of this application will be published in the Honolulu
Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify existing WUP No.
457 by issuing separate water use permits to individual end-users.)

We would appreciate your review of the proposed use that is described in the attached
application for any conflicts or inconsistencies with the land use designations, plans, policies,
programs, or objectives specific to your organization or department only. Please respond by
returning this cover memo form by July 20, 1998.

If you have any questions, require additional information, or would like to request an
extension of the review period for this application, please contact Lenore Nakama at

LN:ss
Attachment(s)

Response:

\[\checkmark\] We have no comments
\[\checkmark\] We have no objections
Comments attached

Contact Person: [Redacted] Phone: [Redacted]
Signed: [Redacted] Date: 7-2-98
TO:  
Honorable Kali Watson, Chairperson  
Department of Hawaiian Home Lands  

Honorable Lawrence Miike, Director  
Department of Health  

Honorable A. Frenchy DeSoto, Chairperson  
Office of Hawaiian Affairs  

Mr. Brooks Yuen, Acting Manager & Chief Engineer  
Honolulu Board of Water Supply  

Mr. Patrick Onishi, Chief Planning Officer  
Planning Department  

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

SUBJECT:  
Water Use Permit Application  
Waipahu-Waiawa Ground Water Management Area, Oahu  

Transmitted for your review and comment is a copy of a water use permit application for for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)

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If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at...

LN:ss  
Attachment(s)  

Response:

☐ We have no comments
☐ We have no objections
☐ Comments attached

Contact Person:  
Signed:  

Phone:  
Date: 6/24/98
TO: Honorable Kali Watson, Chairperson
Department of Hawaiian Home Lands
Honorable Lawrence Miike, Director
Department of Health
Honorable A. Frenchy DeSoto, Chairperson
Office of Hawaiian Affairs
Mr. Brooks Yuen, Acting Manager & Chief Engineer
Honolulu Board of Water Supply
Mr. Patrick Onishi, Chief Planning Officer
Planning Department

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

SUBJECT: Water Use Permit Application
Waiapahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for
Well No. 2201-02. Public notice of this application will be published in the
Honolulu Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify existing
WUP No. 457 by issuing separate water use permits to individual end-users.)

We would appreciate your review of the proposed use that is described in the attached
application for any conflicts or inconsistencies with the land use designations, plans, policies,
programs, or objectives specific to your organization or department only. Please respond by
returning this cover memo form by July 20, 1998.

If you have any questions, require additional information, or would like to request an
extension of the review period for this application, please contact Lenore Nakama at 587-0218.

Response:

☐ We have no comments
☐ We have no objections
☐ Comments attached

Contact Person:

Phone: 

Signed: 

Date: 6/24/98
TO: Aquatic Resources  
Forestry and Wildlife/Natural Area Reserve System  
Land Division  
State Parks  

FROM: Timothy E. Johns, Deputy Director  
Commission on Water Resource Management  

SUBJECT: Request for Comments  
Water Use Permit Application  
Waipahu-Waiawa Ground Water Management Area, Oahu  

Transmitted for your review and comment is a copy of a water use permit application for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)  

We would appreciate your review of the attached application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your division only. Please respond by returning this cover memo form by July 20, 1998.  

If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at [contact information].  

Response:  

( ) We have no comments  
( ) We have no objections  
( ) Comments attached  

Contact Person: [redacted]  
Phone: [redacted]  

Signed: [redacted]  
Date: 6-27-98  

RECEIVED  
JUN 22 1998  
Div. of Aquatic Resources
TO: Aquatic Resources
    Forestry and Wildlife/Natural Area Reserve System
    Land Division
    State Parks

FROM: Timothy E. Johns, Deputy Director
    Commission on Water Resource Management

SUBJECT: Request for Comments
          Water Use Permit Application
          Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for
Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)

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If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at 587-0218.

RECEIVED
JUN 22 1998

LN:ss
Attachment(s)

Response:

(✓) We have no comments
( ) We have no objections
( ) Comments attached

Contact Person: [Redacted] Phone: [Redacted]
Signed: [Redacted] Date: 6-29-98
Transmitted for your review and comment is a copy of a water use permit application for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)

We would appreciate your review of the attached application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your division only. Please respond by returning this cover memo form by July 20, 1998.

If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at 587-0218.

Response:

( ) We have no comments
( ) We have no objections
( ) Comments attached

Signed: [Signature]

Date: 6/29/98
TO: Aquatic Resources  
Forestry and Wildlife/Natural Area Reserve System  
Land Division  
State Parks  

FROM: Timothy E. Johns, Deputy Director  
Commission on Water Resource Management  

SUBJECT: Request for Comments  
Water Use Permit Application  
Waipahu-Waiawa Ground Water Management Area, Oahu  

Transmitted for your review and comment is a copy of a water use permit application for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)

We would appreciate your review of the attached application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your division only. Please respond by returning this cover memo form by July 20, 1998.

If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at 587-0218.

Response:

( ) We have no comments  
( ) We have no objections  
( ) Comments attached  

Contact Person:  
Phone:  

Signed:  
Date: 06/29/98
TO: Honorable Kali Watson, Chairperson
      Department of Hawaiian Home Lands
Honorable Lawrence Miike, Director
      Department of Health
Honorable A. Frenchy DeSoto, Chairperson
      Office of Hawaiian Affairs
Mr. Brooks Yuen, Acting Manager & Chief Engineer
      Honolulu Board of Water Supply
Mr. Patrick Onishi, Chief Planning Officer
      Planning Department

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

SUBJECT: Water Use Permit Application
      Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for
Well No. 2201-02. Public notice of this application will be published in the
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We would appreciate your review of the proposed use that is described in the attached
application for any conflicts or inconsistencies with the land use designations, plans, policies,
programs, or objectives specific to your organization or department only. Please respond by
returning this cover memo form by July 20, 1998.

If you have any questions, require additional information, or would like to request an
extension of the review period for this application, please contact Lenore Nakama at

LN:ss
Attachment(s)

Response:

( ) We have no comments
( ) We have no objections
( ) Comments attached

Contact Person: ____________________________ Phone: ____________________________
Signed: ____________________________ Date: 6/25/98
The Department of Health, Clean Water Branch has the following comments:

1. For Well-Drilling Activities

Any discharge to State waters of treated process wastewater effluent associated with well drilling activities is regulated by Hawaii Administrative Rules, Chapter 11-55, Appendix I, effective September 22, 1997. Treated process wastewater effluent covered by this general permit includes well drilling slurries, lubricating fluids wastewaters, and well purge wastewaters. This general permit does not cover well pump testing. The applicable Notice of Intent Forms and filing fee shall be submitted at least thirty (30) days before the start of discharge to the Department of Health, Clean Water Branch at 919 Ala Moana Boulevard, Room 301, Honolulu, Hawaii 96814-4920 or P.O. Box 3378, Honolulu, Hawaii 96801-3378. Inquiries may be directed to the Clean Water Branch at [phone number] or by fax at [fax number].

2. For Well Pump Testing

The discharger shall take all measures necessary to prevent the discharge of pollutants from entering state waters. Such measures shall include, if necessary, containment of the initial discharge until the discharge is essentially free of pollutants. If the discharge is entering a stream or river bed, best management practices shall be implemented to prevent the discharge from disturbing the clarity of the receiving water. If the discharge is entering a storm drain, the discharger must obtain written permission from the owner of that storm drain prior to discharge. Furthermore, best management practices shall be implemented to prevent the discharge from collecting sediments and other pollutants prior to entering the storm drain.

JS/cr

The Department of Health, Safe Drinking Water Branch has the following comment:

1. If this source qualifies as a source which will serve as a source of potable water to a public water system (serving 25 or more people at least 60 days per year or has 15 or more service connections) it must receive Director of Health approval prior to its use to comply with Hawaii Administrative Rules (HAR), Title 11, Chapter 20, Rules Relating to Potable Water Systems.
TO: Honorable Kali Watson, Chairperson 
Department of Hawaiian Home Lands

Honorable Lawrence Miike, Director 
Department of Health

Honorable A. Frenchy DeSoto, Chairperson 
Office of Hawaiian Affairs

Mr. Brooks Yuen, Acting Manager & Chief Engineer 
Honolulu Board of Water Supply

Mr. Patrick Onishi, Chief Planning Officer 
Planning Department

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

SUBJECT: Water Use Permit Application 
Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for 
for Well No. 2201-02. Public notice of this application will be published in the Honolulu 
Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify existing WUP No. 
457 by issuing separate water use permits to individual end-users.)

We would appreciate your review of the proposed use that is described in the attached 
application for any conflicts or inconsistencies with the land use designations, plans, policies, 
programs, or objectives specific to your organization or department only. Please respond by 
returning this cover memo form by July 20, 1998.

If you have any questions, require additional information, or would like to request an 
extension of the review period for this application, please contact Lenore Nakama at:

Response:

( ) We have no comments
( ) We have no objections
( ) Comments attached

Contact Person: 
Phone: 
Signed: 
Date: 6/25/98
The Department of Health, Clean Water Branch has the following comments:

1. For Well-Drilling Activities

Any discharge to State waters of treated process wastewater effluent associated with well drilling activities is regulated by Hawaii Administrative Rules, Chapter 11-55, Appendix I, effective September 22, 1997. Treated process wastewater effluent covered by this general permit includes well drilling slurries, lubricating fluids wastewaters, and well purge wastewaters. This general permit does not cover well pump testing. The applicable Notice of Intent Forms and filing fee shall be submitted at least thirty (30) days before the start of discharge to the Department of Health, Clean Water Branch at 919 Ala Moana Boulevard, Room 301, Honolulu, Hawaii 96814-4920 or P.O. Box 3378, Honolulu, Hawaii 96801-3378. Inquiries may be directed to the Clean Water Branch at [contact information] or by fax at [contact information].

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The discharger shall take all measures necessary to prevent the discharge of pollutants from entering state waters. Such measures shall include, if necessary, containment of the initial discharge until the discharge is essentially free of pollutants. If the discharge is entering a stream or river bed, best management practices shall be implemented to prevent the discharge from disturbing the clarity of the receiving water. If the discharge is entering a storm drain, the discharger must obtain written permission from the owner of that storm drain prior to discharge. Furthermore, best management practices shall be implemented to prevent the discharge from collecting sediments and other pollutants prior to entering the storm drain.

JS/cr
TO: Ms. Esther Ueda, Executive Officer
Land Use Commission

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

SUBJECT: WATER USE PERMIT APPLICATION
Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for
Well No. 2201-02. Public notice of this application will be published in the Honolulu

We would appreciate your review of the proposed use that is described in the attached
application (i.e. line item 6 or Table 1). Specifically, we request that you inform us of the current
state land use designation for the TMK parcel, or portion thereof, for the proposed use area(s) and,
secondly, whether the current state land use designation is appropriate for the proposed project. (The
request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)

We have attached a TMK map(s) that covers the proposed use area(s). Where water is
proposed for use on only a portion of a TMK parcel, or on parcels with multiple zoning, the
proposed use area(s) has been clearly delineated on the attached map. Please respond by returning
this cover memo along with your review comments by July 20, 1998.

If you have any questions, require additional information, or would like to request an
extension of the review period for this application, please contact Lenore Nakama at 587-0218.

Response:

( ) The proposed water use(s) is consistent with the current zoning designation(s).
(x) Comments attached

Contact Person: ___________ Phone: ___________

Signed: ___________ Date: 6/24/98
Mr. Michael D. Wilson, Chairperson  
Commission on Water Resource Management  
Department of Land and Natural Resources  
P.O. Box 621  
Honolulu, Hawaii 96809

Dear Mr. Wilson:

Subject: Water Use Permit Application  
Waipahu-Waiawa Ground Water Management Area, Oahu  
Tadao Abe  
Well No. 2201-02

We have reviewed the subject water use permit application, as transmitted by your memorandum dated June 19, 1998, and have the following comments to offer:

1) We confirm that the location of Well No. 2201-02, identified as TMK: 9-1-20: 22, is within the State Land Use Urban District.

2) We confirm that the location of proposed water use, identified as TMK: 9-1-20: 10, is also within the State Land Use Urban District.

The parcels that constitute the well location and proposed water use location have been in the Urban District since the initial State Land Use District Boundaries were established, and were not subject to a land use district boundary amendment petition. Further, no conditions were imposed by the Commission upon the parcels.

3) In regards to your request as to whether the proposed water use is appropriate for the state land use district designation, pursuant to Chapter 205-2(b), Hawai‘i Revised Statutes, permitted activities or uses within the State Land Use Urban District are determined by the respective counties by ordinance or regulations.
Therefore, the City and County of Honolulu should be requested to also provide a response as to the appropriateness of the proposed water use in the Urban District.

We have no further comments to offer at this time.

Thank you for the opportunity to provide comments on the subject application.

As requested, please find enclosed the cover memorandum for the subject application.

If you have any questions in regards to this matter, please feel free to contact me or Leo Asuncion of my staff at [redacted].

Sincerely,

ESTHER UEDA
Executive Officer

EU:th
Enclosure
TO: Ms. Esther Ueda, Executive Officer
Land Use Commission

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

SUBJECT: WATER USE PERMIT APPLICATION
Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)

We would appreciate your review of the proposed use that is described in the attached application (i.e. line item 6 or Table 1). Specifically, we request that you inform us of the current state land use designation for the TMK parcel, or portion thereof, for the proposed use area(s) and, secondly, whether the current state land use designation is appropriate for the proposed project.

We have attached a TMK map(s) that covers the proposed use area(s). Where water is proposed for use on only a portion of a TMK parcel, or on parcels with multiple zoning, the proposed use area(s) has been clearly delineated on the attached map. Please respond by returning this cover memo along with your review comments by July 20, 1998.

If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at 587-0088.

LN:ss
Attachment(s)

Response:

( ) The proposed water use(s) is consistent with the current zoning designation(s).
(x) Comments attached

Contact Person: [Redacted] Phone: [Redacted]
Signed: [Redacted] Date: 6/24/98
Mr. Michael D. Wilson, Chairperson  
Commission on Water Resource Management  
Department of Land and Natural Resources  
P.O. Box 621  
Honolulu, Hawaii 96809

Dear Mr. Wilson:

Subject: Water Use Permit Application  
Puuloa Ground Water Management Area, Oahu  
U.S DOC/NOAA/NWS  
Well No. 1900-23

We have reviewed the subject water use permit application, as transmitted by your memorandum dated June 19, 1998, and have the following comments to offer:

1) We confirm that the location of Well No. 1900-23, identified as TMK: 9-1-1: por. 01, is within the State Land Use Urban District.

2) We confirm that the location of proposed water use, also identified as TMK: 9-1-1: por. 01, is also within the State Land Use Urban District.

The parcel that constitute the well location and proposed water use location was placed into the Urban District by the Commission during the 1969 District Boundary Review. Further, no conditions were imposed by the Commission upon the parcels.

3) In regards to your request as to whether the proposed water use is appropriate for the state land use district designation, pursuant to Chapter 205-2(b), Hawai‘i Revised Statutes, permitted activities or uses within the State Land Use Urban District are determined by the respective counties by ordinance or regulations. Therefore, the City and County of Honolulu should be requested to also provide a response as to the
appropriateness of the proposed water use in the Urban District.

We have no further comments to offer at this time.

Thank you for the opportunity to provide comments on the subject application.

As requested, please find enclosed the cover memorandum for the subject application.

If you have any questions in regards to this matter, please feel free to contact me or Leo Asuncion of my staff at [redacted].

Sincerely,

[Signature]

ESTHER UEDA
Executive Officer

EU:th

Enclosure
Transmitted for your review and comment is a copy of a water use permit application for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)

We would appreciate your review of the attached application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your division only. Please respond by returning this cover memo form by July 20, 1998.

If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at 587-0218.
TO: Aquatic Resources  
Forestry and Wildlife/Natural Area Reserve System  
Land Division  
State Parks

FROM: Timothy E. Johns, Deputy Director  
Commission on Water Resource Management

SUBJECT: Request for Comments  
Water Use Permit Application  
Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)

We would appreciate your review of the attached application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your division only. Please respond by returning this cover memo form by July 20, 1998.

If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at

LN:ss
Attachment(s)

Response:

X We have no comments

() We have no objections

() Comments attached

Contact Person:  
Phone:  
Signed:  
Date: 6/23/98
Transmitted for your review and comment is a copy of a water use permit application for Gary Takiguchi for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)

We would appreciate your review of the attached application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your division only. Please respond by returning this cover memo form by July 20, 1998.

If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at [blank].

Response:

☐ We have no comments
( ) We have no objections
( ) Comments attached

Contact Person: [Blank]
Phone: [Blank]
Signed: [Blank]
Date: 6/23/98
TO:
Timothy E. Johns, Deputy Director, Commission on Water Resource Management

FROM:
Timothy E. Johns, Deputy Director

SUBJECT: Request for Comments
Water Use Permit Application
Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)

We would appreciate your review of the attached application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your division only. Please respond by returning this cover memo form by July 20, 1998.

If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at [phone number].

Response:

☒ We have no comments
( ) We have no objections
( ) Comments attached

Contact Person: [redacted]
Phone: [redacted]
Signed: [redacted] Date: 6/23/98
PUBLIC NOTICE

Applications for Water Use Permits
Puualoa and Waipahu-Walawa Ground Water Management Areas, Oahu

The following applications for water use permits have been received and are hereby made public in accordance with Department of Land and Natural Resources Administrative Rules 13-171, "Designation and Regulation of Water Management Areas."

Pacific Tsunami (Well No. 1900-23)
Applicant: U.S. DOC/NOAA/NWS
91-270 Fort Weaver Road
Ewa Beach, HI 96706
Date Completed Application Received: May 29, 1998
Aquifer: Puualoa System, Ewa Caprock Sector, Oahu
Water Source: Pacific Tsunami Well (Well No. 1900-23) at 91-270 Fort Weaver Rd., Oahu,
Tax Map Key 9-1-1:1
Quantity Requested: 120,000 gallons per day.
New Water Use: Irrigation (30 acres landscape turf)
Place of Water Use: 91-270 Fort Weaver Rd., at Tax Map Key: 9-1-1:1

Honouliuli (Well No. 2201-02)
Applicant: [Redacted]
91-1219 Laulanui Lane
Ewa Beach, HI 96706
Date Completed Application Received: May 29, 1998
Aquifer: Waipahu-Walawa System, Pearl Harbor Sector, Oahu
Water Source: Honouliuli Well (Well No. 2201-02) at Honouliuli, Oahu, Tax Map Key 9-1-20:22
Quantity Requested: 1,500 gallons per day.
Existing Water Use: Domestic (Request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)
Place of Water Use: 91-1219 Laulanui Lane at Tax Map Key: 9-1-20:10

Honouliuli (Well No. 2201-02)
Applicant: [Redacted]
P.O. Box 1346
Ewa, HI 96706
Date Completed Application Received: May 29, 1998
Aquifer: Waipahu-Walawa System, Pearl Harbor Sector, Oahu
Water Source: Honouliuli Well (Well No. 2201-02) at Honouliuli, Ewa, Oahu, Tax Map Key 9-1-20:22
Quantity Requested: 19,800 gallons per day.
Existing Water Use: Irrigation (Request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)
Place of Water Use: Honouliuli, Ewa at Tax Map Key: 9-1-20:04,11,12

Written objections or comments on the above applications may be filed by any person who has property interest in any land within the hydrologic unit of the source of water supply, any person who will be directly and immediately affected by the proposed water use, or any other interested person. Written objections shall: (1) state property or other interest in the matter (provide TMK information); (2) set forth questions of procedure, fact, law, or policy, to which objections are taken; and (3) state all grounds for objections to the proposed permit. Written objections must be received by July 20, 1998. Objections must be sent to 1) the Commission on Water Resource Management, P.O. Box 621, Honolulu, Hawaii 96809 and 2) the applicants at the above addresses.

COMMISSION ON WATER RESOURCE MANAGEMENT

TIMOTHY E. JOHNS, Deputy Director for
MICHAEL D. WILSON, Chairperson

Dated: JUN 19 1998

91-1219 Laaulumui Lane
Ewa Beach, HI 96706

Dear Mr.:

We acknowledge receipt, on May 29, 1998, of your completed water use permit modification application for the Honouliuli Well (Well No. 2201-02). You can expect your application to be processed within ninety (90) days from the date of receipt unless there are objections to your application.

Enclosed is a copy of the public notice for your water use permit application which will be published in the Honolulu Advertiser issues of June 29, 1998 and July 6, 1998.

Please be aware that there may be objections to your application. If objections are made, the objector is required to file such objections with the Commission and is also required to send you a copy of the objections.

You, or any other party, may respond to objections by filing a brief in support of your application with the Commission within ten (10) days of the filing of an objection. You, or the other party, must also send a copy of the response to the objector.

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

Sincerely,

TIMOTHY E. JOHNS
Deputy Director

LN:ss
Enclosure
TO: Aquatic Resources
Forestry and Wildlife/Natural Area Reserve System
Land Division
State Parks

FROM: Timothy E. Johns, Deputy Director
Commission on Water Resource Management

SUBJECT: Request for Comments
Water Use Permit Application
Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for Tadao Abe for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)

We would appreciate your review of the attached application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your division only. Please respond by returning this cover memo form by July 20, 1998.

If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at 587-0218.

LN:ss
Attachment(s)

Response:

( ) We have no comments
( ) We have no objections
( ) Comments attached

Contact Person: __________________ Phone: __________________

Signed: __________________ Date: __________________
TO: Other Interested Parties

FROM: Timothy E. Johns, Deputy Director
Commission on Water Resource Management

SUBJECT: Request for Comments
Water Use Permit Application
Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)

We would appreciate your review of the attached application for any conflicts or interferences with the programs, plans, and objectives of the organization or agency that you represent. Written objections should be made in accordance with Section 13-171-18 of our Administrative Rules and must be filed by the July 20, 1998 deadline.

If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at 587-0218.

LN: ss
Attachment(s)

Response:

( ) We have no comments
( ) We have no objections
( ) Comments attached

Contact Person: ________________________ Phone: ________________________

Signed: ________________________ Date: ________________________
Transmitted for your review and comment is a copy of a water use permit application for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)

We would appreciate your review of the proposed use that is described in the attached application for any conflicts or inconsistencies with the land use designations, plans, policies, programs, or objectives specific to your organization or department only. Please respond by returning this cover memo form by July 20, 1998.

If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at 587-0218.

LN:ss
Attachment(s)

Response:

( ) We have no comments
( ) We have no objections
( ) Comments attached

Contact Person: __________________ Phone: __________

Signed: __________________ Date: __________
TO:        Ms. Esther Ueda, Executive Officer  
           Land Use Commission  

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

SUBJECT: WATER USE PERMIT APPLICATION  
         Waipahu-Waiawa Ground Water Management Area, Oahu  

Transmitted for your review and comment is a copy of a water use permit application for  
Well No. 2201-02. Public notice of this application will be published in the Honolulu  

We would appreciate your review of the proposed use that is described in the attached  
application (i.e. line item 6 or Table 1). Specifically, we request that you inform us of the current  
state land use designation for the TMK parcel, or portion thereof, for the proposed use area(s) and,  
secondly, whether the current state land use designation is appropriate for the proposed project. (The request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)  

We have attached a TMK map(s) that covers the proposed use area(s). Where water is  
proposed for use on only a portion of a TMK parcel, or on parcels with multiple zoning, the proposed use area(s) has been clearly delineated on the attached map. Please respond by returning this cover memo along with your review comments by July 20, 1998.  

If you have any questions, require additional information, or would like to request an  
extension of the review period for this application, please contact Lenore Nakama at 587-0218.  

LN: ss  
Attachment(s)  

Response:  

( ) The proposed water use(s) is consistent with the current zoning designation(s).  
( ) Comments attached  

Contact Person: ____________________________ Phone: ____________________________  
Signed: ____________________________ Date: ____________________________
TO:       Ms. Jan Sullivan, Director
         Department of Land Utilization

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

SUBJECT:  WATER USE PERMIT APPLICATION
           Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for
for Well No. 2201-02. Public notice of this application will be published in the Honolulu
Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify existing WUP No.
457 by issuing separate water use permits to individual end-users.)

We would appreciate your review of the proposed use that is described in the attached
application (i.e. line item 6 or Table 1). Specifically, we request that you inform us of the current
zoning designation for the TMK parcel, or portion thereof, for the proposed use area(s) and,
secondly, whether the current zoning designation is appropriate for the proposed project.

We have attached a TMK map(s) that covers the proposed use area(s). Where water is
proposed for use on only a portion of a TMK parcel, or on parcels with multiple zoning, the
proposed use area(s) has been clearly delineated on the attached map. Please respond by returning
this cover memo along with your review comments by July 20, 1998.

If you have any questions, require additional information, or would like to request an
extension of the review period for this application, please contact Lenore Nakama at ____________.

LN:ss
Attachment(s)

Response:

( ) The proposed water use(s) is consistent with the current zoning designation(s).
( ) Comments attached

Contact Person: __________________ Phone: _________________

Signed: ________________________ Date: _________________
Honorable Jeremy Harris, Mayor  
City & County of Honolulu  
City Hall  
Honolulu, HI 96813  

Dear Mayor Harris:

Notice of an Application for Water Use Permit  
Waipahu-Waiawa Ground Water Management Area, Oahu

In accordance with the Department of Land and Natural Resources Administrative Rules, Section 13-171-17(a), we are sending you a copy of the public notice and water use permit application for Tadao Abe for Well No. 2201-02, which will be published in the Honolulu Advertiser.

In addition, Section 13-171-13(b), of our Administrative Rules, states:

"Within sixty days after receipt of notice of a permit application, the county shall inform the commission if the proposed use is inconsistent with the county land use plans and policies."

We understand that the Planning Department is responsible for coordinating the review comments for City agencies. In accordance with the procedure that has been established by the Planning Department, we have also sent copies of the application and individual requests for comments to the Planning Department, the Department of Land Utilization, and the Board of Water Supply to facilitate and expedite City agencies review. We will look forward to receiving the review comments from the Planning Department within the next sixty (60) days, on whether this water use is consistent with county plans, policies, and land use designations.

Very truly yours,

Michael D. Wilson  
Chairperson

Enclosures
PUBLIC NOTICE

Applications for Water Use Permits
Puuloa and Waipahu-Waiawa Ground Water Management Areas, Oahu

The following applications for water use permits have been received and are hereby made public in accordance with Department of Land and Natural Resources Administrative Rules 13-171, "Designation and Regulation of Water Management Areas."

Pacific Tsunami (Well No. 1900-23)
Applicant: U.S. DOC/NOAA/NWS
91-270 Fort Weaver Road
Ewa Beach, HI 96706
Date Completed Application Received: May 19, 1998
Aquifer: Puuloa System, Ewa Caprock Sector, Oahu
Water Source: Pacific Tsunami Well (Well No. 1900-23) at 91-270 Fort Weaver Rd., Oahu,
Tax Map Key 9-1-1:1
Quantity Requested: 120,000 gallons per day.
New Water Use: Irrigation (30 acres landscape turf)
Place of Water Use: 91-270 Fort Weaver Rd. at Tax Map Key: 9-1-1:1

Honouliuli (Well No. 2201-02)
Applicant: [Redacted]
91-1219 Laulaulaul Lane
Ewa Beach, HI 96706
Date Completed Application Received: May 29, 1998
Aquifer: Waipahu-Waiawa System, Pearl Harbor Sector, Oahu
Water Source: Honouliuli Well (Well No. 2201-02) at Honouliuli, Oahu, Tax Map Key 9-1-20:22
Quantity Requested: 1,500 gallons per day.
Existing Water Use: Domestic (Request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)
Place of Water Use: 91-1219 Laulaulaul Lane at Tax Map Key: 9-1-20:10

Honouliuli (Well No. 2201-02)
Applicant: [Redacted]
P.O. Box 1346
Ewa, HI 96706
Date Completed Application Received: May 29, 1998
Aquifer: Waipahu-Waiawa System, Pearl Harbor Sector, Oahu
Water Source: Honouliuli Well (Well No. 2201-02) at Honouliuli, Ewa, Oahu, Tax Map Key 9-1-20:22
Quantity Requested: 19,800 gallons per day.
Existing Water Use: Domestic: Irrigation (Request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)
Place of Water Use: Honouliuli, Ewa at Tax Map Key: 9-1-20:04,11,12

Written objections or comments on the above applications may be filed by any person who has property interest in any land within the hydrologic unit of the source of water supply, any person who will be directly and immediately affected by the proposed water use, or any other interested person. Written objections shall: (1) state property or other interest in the matter (provide TMK information); (2) set forth questions of procedure, fact, law, or policy, to which objections are taken; and (3) state all grounds for objections to the proposed permit. Written objections must be received by July 20, 1998. Objections must be sent to 1) the Commission on Water Resource Management, P.O. Box 621, Honolulu, Hawaii 96809 and 2) the applicants at the above addresses.

COMMISSION ON WATER RESOURCE MANAGEMENT

TIMOTHY E. JOHNS, Deputy Director for
MICHAEL D. WILSON, Chairperson

Dated: 1998

We acknowledge receipt, on May 29, 1998, of your completed water use permit application for the Honouliuli Well (Well No. 2201-02). You can expect your application to be processed within ninety (90) days from the date of receipt unless there are objections to your application.

Enclosed is a copy of the public notice for your water use permit application which will be published in the Honolulu Advertiser issues of June 29, 1998 and July 6, 1998.

Please be aware that there may be objections to your application. If objections are made, the objector is required to file such objections with the Commission and is also required to send you a copy of the objections.

You, or any other party, may respond to objections by filing a brief in support of your application with the Commission within ten (10) days of the filing of an objection. You, or the other party, must also send a copy of the response to the objector.

If you have any questions, please contact Lenore Nakama at [CONTACT INFORMATION].

Sincerely,

TIMOTHY E. JOHNS
Deputy Director

LN:ss
Enclosure
TO: Aquatic Resources
     Forestry and Wildlife/Natural Area Reserve System
     Land Division
     State Parks

FROM: Timothy E. Johns, Deputy Director
     Commission on Water Resource Management

SUBJECT: Request for Comments
     Water Use Permit Application
     Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for
for Well No. 2201-02. Public notice of this application will be published in the
Honolulu Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify
existing WUP No. 457 by issuing separate water use permits to individual end-users.)

We would appreciate your review of the attached application for any conflicts or
inconsistencies with the programs, plans, and objectives specific to your division only. Please
respond by returning this cover memo form by July 20, 1998.

If you have any questions, require additional information, or would like to request an
extension of the review period for this application, please contact Lenore Nakama at [blank].

LN:ss
Attachment(s)

Response:

( ) We have no comments
( ) We have no objections
( ) Comments attached

Contact Person: ___________________________________ Phone: __________________

Signed: ___________________________________ Date: __________________
TO: Other Interested Parties

FROM: Timothy E. Johns, Deputy Director, Commission on Water Resource Management

SUBJECT: Request for Comments
Water Use Permit Application
Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)

We would appreciate your review of the attached application for any conflicts or interferences with the programs, plans, and objectives of the organization or agency that you represent. Written objections should be made in accordance with Section 13-171-18 of our Administrative Rules and must be filed by the July 20, 1998 deadline.

If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at

LN:ss
Attachment(s)

Response:

( ) We have no comments
( ) We have no objections
( ) Comments attached

Contact Person: __________________ Phone: __________
Signed: ___________________ Date: ________
Transmitted for your review and comment is a copy of a water use permit application for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)

We would appreciate your review of the proposed use that is described in the attached application for any conflicts or inconsistencies with the land use designations, plans, policies, programs, or objectives specific to your organization or department only. Please respond by returning this cover memo form by July 20, 1998.

If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at [Contact Information].

Response:

( ) We have no comments
( ) We have no objections
( ) Comments attached

Contact Person: ____________________________ Phone: ____________________________

Signed: ____________________________ Date: ____________________________
TO: Ms. Esther Ueda, Executive Officer  
Land Use Commission  
FROM: Timothy E. Johns, Deputy Director  
Commission on Water Resource Management  
SUBJECT: WATER USE PERMIT APPLICATION  
Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of June 29, 1998 and July 6, 1998. (The request is to modify existing WUP No. 457 by issuing separate water use permits to individual end-users.)

We would appreciate your review of the proposed use that is described in the attached application (i.e. line item 6 or Table 1). Specifically, we request that you inform us of the current state land use designation for the TMK parcel, or portion thereof, for the proposed use area(s) and, secondly, whether the current state land use designation is appropriate for the proposed project.

We have attached a TMK map(s) that covers the proposed use area(s). Where water is proposed for use on only a portion of a TMK parcel, or on parcels with multiple zoning, the proposed use area(s) has been clearly delineated on the attached map. **Please respond by returning this cover memo along with your review comments by July 20, 1998.**

If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at __________

LN:ss  
Attachment(s)  
Response:  

( ) The proposed water use(s) is consistent with the current zoning designation(s).  
( ) Comments attached

Contact Person: _________________________ Phone: ________________

Signed: ___________________________ Date: ________________________
TO:     Ms. Jan Sullivan, Director
        Department of Land Utilization

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

SUBJECT: WATER USE PERMIT APPLICATION
         Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for
for Well No. 2201-02. Public notice of this application will be published in the

We would appreciate your review of the proposed use that is described in the attached
application (i.e. line item 6 or Table 1). Specifically, we request that you inform us of the
current zoning designation for the TMK parcel, or portion thereof, for the proposed use area(s)
and, secondly, whether the current zoning designation is appropriate for the proposed project.
(The request is to modify existing WUP No. 457 by issuing separate water use permits to
individual end-users.)

We have attached a TMK map(s) that covers the proposed use area(s). Where water is
proposed for use on only a portion of a TMK parcel, or on parcels with multiple zoning, the
proposed use area(s) has been clearly delineated on the attached map. Please respond by
returning this cover memo along with your review comments by July 20, 1998.

If you have any questions, require additional information, or would like to request an
extension of the review period for this application, please contact Lenore Nakama at LN:ss.

LN:ss
Attachment(s)

Response:

( ) The proposed water use(s) is consistent with the current zoning designation(s).
( ) Comments attached

Contact Person: __________________________________________ Phone: ____________________

Signed: ________________________________ Date:__________________
Honorable Jeremy Harris, Mayor  
City & County of Honolulu  
City Hall  
Honolulu, HI 96813

Dear Mayor Harris:

Notice of an Application for Water Use Permit  
Waipahu-Waiawa Ground Water Management Area, Oahu

In accordance with the Department of Land and Natural Resources Administrative Rules, Section 13-171-17(a), we are sending you a copy of the public notice and water use permit application for [Redacted] for Well No. 2201-02, which will be published in the Honolulu Advertiser.

In addition, Section 13-171-13(b), of our Administrative Rules, states:

"Within sixty days after receipt of notice of a permit application, the county shall inform the commission if the proposed use is inconsistent with the county land use plans and policies."

We understand that the Planning Department is responsible for coordinating the review comments for City agencies. In accordance with the procedure that has been established by the Planning Department, we have also sent copies of the application and individual requests for comments to the Planning Department, the Department of Land Utilization, and the Board of Water Supply to facilitate and expedite City agencies review. We will look forward to receiving the review comments from the Planning Department within the next sixty (60) days, on whether this water use is consistent with county plans, policies, and land use designations.

Very truly yours,

[Signature]

Chairperson

Enclosures
Mr. Edwin T. Sakoda  
Acting Deputy Director  
Commission on Water Resource Management  
Department of Land and Natural Resources  
State of Hawaii  
P. O. Box 621  
Honolulu, HI  96809

Dear Mr. Sakoda:

Water Use Permit (WUP) Applications for Well No. 2201-02  
Waipahu-Waiawa Ground Water Management Area, Oahu

Thank you for sending us the subject applications for signature and completion.

The existing water use permit for this well (WUP No. 457) was approved by the Commission on Water Resource Management (CWRM) on March 19, 1997; approval of the attached applications will slightly modify WUP No. 457.

The Estate concurs with the proposed modification of WUP No. 457 and has signed the application as Landowner of Source.

If you have any questions, please contact Jim Russell at [number].

Very truly yours,

Donna B. Goth  
Director, Hawaii Development

Enclosures

jck:01036400\K10035
APPLICATION FOR WATER USE PERMIT

State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources

APPLICATION FOR WATER USE PERMIT

Ground Water or Surface Water

Instructions: Please print in ink or type and send completed application with attachments plus 15 copies to the Commission on Water Resource Management, P.O. Box 621, Honolulu, Hawaii 96829. Application must be accompanied by a non-refundable filing fee of $250 payable to the Dept. of Land and Natural Resources. The Commission may not accept incomplete applications. For assistance, call the Regulation Branch at 808-681-4844.

PERMITTE INFORMATION

1. (a) APPLICANT
   Firm/Name
   Contact Person
   Address
   Phone

   (b) LANDOWNER OF SOURCE
   Firm/Name
   Contact Person
   Address
   Phone

SOURCE INFORMATION

2. WATER MANAGEMENT AREA: Waipahu - Waiawa
   ISLAND: Oahu
   TOTAL NUMBER ACRES TO PROPOSED USE OF WATER

3. (a) EXISTING WELL/DIVERSION NAME AND STATE NUMBER: Honolulu Well No. 2301-01
   (b) PROPOSED (NEW) WELL/DIVERSION NAME:
   (c) LOCATION: Address Honolulu, Ewa, Oahu
   (d) METHOD OF TAKING WATER (check one):
   (e) QUALITY OF WATER REQUESTED:
   (f) USE INFORMATION
   SOURCE INFORMATION

4. SOURCE TYPE (check one):
   Stream
   Basal
   Dike-confined
   Perched
   Caprock

5. METHOD OF TAKING WATER (check one):
   Artesian
   Well & Pump
   Diverted Surface
   Other (explain)

USE INFORMATION

6. LOCATION OF PROPOSED WATER USE: (If possible, show on same maps as source location. Otherwise, attach similar maps)
   (a) PUC-Regulated System
   (b) Proposed use of water is:
   (c) Tax Map Key:
   (d) Address:
   (e) Current State Land Use District(s): Urban
   (f) Current County Zoning District(s):

7. QUANTITY OF WATER REQUESTED: 19,800 gallons per day (averaged over 1 year)

8. METHOD OF MEASUREMENT:
   Flowmeter
   Open-pipe
   Weir
   Orifice
   Other (explain)

9. QUALITY OF WATER REQUESTED:
   Fresh
   Brackish
   Salt
   Potable
   Non-Potable

10. PROPOSED USE:
   Municipal (including hotels, stores, etc.)
   Industrial
   Military
   Other (explain)

   For questions 11 & 12: If multiple TMKs are involved where water is to be used, please complete Table 1 on back of application.

11. TOTAL NUMBER OF RESIDENCES TO BE SERVED:

12. TOTAL ACRES TO BE IRRIGATED AND TYPE OF CROP:
   Acres - Vegetable Crops
   (acres) - (crop)

13. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION: 24 hours
   (daytime hours of operation, ex. 7 a.m. to 2 p.m.)

14. APPLICANT MUST ESTABLISH THAT THE PROPOSED USE OF WATER:
   (a) Can be accommodated with the available water source.
   (b) Is a reasonable beneficial use as defined in section 13-171-7, HAP (see backside of this application)
   (c) Will not interfere with any existing legal use.
   (d) Is consistent with the public interest.
   (e) Is consistent with state and county general plans and land use designsations.
   (f) Is consistent with county land use plans and general policies.

15. REMARKS, EXPLANATIONS: (see backside of this application)

NOTE: Signing below indicates that the signature understands and agrees that: 1) the information provided on this application is true and current to the best of the applicant's knowledge; 2) Item 14 is the responsibility of the applicant prior to Commission approval; 3) If necessary, further information may be required before the application is considered complete; 4) If a water use permit is granted by the Commission, the permit is subject to prior existing permitted uses, changes in sustainable yields and instream flow standards, reserved uses as defined by the Commission, and Hawaiian Home Lands future uses; and 5) Upon permit approval, a water shortage plan must be submitted by the applicant should the Commission require one.

Applicant (print) Landowner (print)

Signature Date

VUPA-FORM(12/96)
"Reasonable-beneficial use" means the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is not wasteful and is both reasonable and consistent with the state and county land use plans and the public interest.

15. REMARKS, EXPLANATIONS (cont'd):

# 8 = Estimated by Pump Capacity.

#14 = To the best of my knowledge, the proposed use will meet all of these conditions.

---

**TABLE 1. MULTIPLE TMKs TO USE REQUESTED WATER**

<table>
<thead>
<tr>
<th>PROJECT NAME</th>
<th>EXISTING or NEW USE</th>
<th>POTABLE or NONPOTABLE</th>
<th>TMK</th>
<th>CURRENT COUNTY ZONING % DE</th>
<th>UNITS or NET ACRES</th>
<th>GPA/UNIT or GPA/acre</th>
<th>4-YEAR PROJECTED DEMAND (year)</th>
<th>TOTAL GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-1-20:04 Domestic</td>
<td>Exist.</td>
<td>Potable</td>
<td>9-1-20:04 R-S</td>
<td>2</td>
<td>500</td>
<td>1,000</td>
<td>1,000 1,000 1,000 1,000</td>
<td>1,000</td>
</tr>
<tr>
<td>9-1-20:11 Domestic</td>
<td>Exist.</td>
<td>Potable</td>
<td>9-1-20:11 R-S</td>
<td>3</td>
<td>500</td>
<td>1,500</td>
<td>1,500 1,500 1,500 1,500</td>
<td>1,500</td>
</tr>
<tr>
<td>9-1-20:12 Domestic</td>
<td>Exist.</td>
<td>Potable</td>
<td>9-1-20:12 R-S</td>
<td>1</td>
<td>500</td>
<td>500</td>
<td>500 500 500 500</td>
<td>500</td>
</tr>
<tr>
<td>9-1-20:04 Irrigation</td>
<td>Exist.</td>
<td>Potable</td>
<td>9-1-20:04 R-S</td>
<td>4.80</td>
<td>3,500</td>
<td>16,800</td>
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<tr>
<td>TOTAL GPA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>19,800</td>
</tr>
</tbody>
</table>
APPLICATION FOR WATER USE PERMIT

Ground Water or Surface Water

PERMITTEE INFORMATION

1. (a) APPLICANT
   Firm Name: TADAO ABE
   Address: 4-129-1 LAULANIU LANE
   Phone: 808-967-06

   (b) LANDOWNER OF SOURCE
   Firm Name: THE ESTATE OF JAMES CAMPBELL
   Address: 1001 KAHOKULA BLVD
   Phone: 808-967-07

SOURCE INFORMATION

2. WATER MANAGEMENT AREA: WAIKIKU, WAHAWA
   ISLAND: OAHU

3. (a) EXISTING WELL/DIVERSION NAME AND STATE NUMBER: HONOLULU 22010-02
   (b) PROPOSED (NEW) WELL/DIVERSION NAME:
   (c) LOCATION: Address: HONOLULU (9-1-2-0-0-

USE INFORMATION

6. LOCATION OF PROPOSED WATER USE: (If possible, show on same maps as source location. Otherwise, attach similar maps)
   (a) PUC-Regulated System
   (b) Proposed use of water:
   (c) Existing
   (d) New
   (e) Existing & new use
   (f) Tax Map Key:
   (g) Current County Land Use District:
   (h) Current County Zoning District:

7. QUANTITY OF WATER REQUESTED:
   gallons per day (averaged over 1 year)

8. METHOD OF MEASUREMENT:
   (a) Flowmeter
   (b) Open-pipe
   (c) Weir
   (d) Office
   (e) Other

9. QUALITY OF WATER REQUESTED:
   (a) Fresh
   (b) Brackish
   (c) Salt
   (d) Potable
   (e) Non-Potable

10. PROPOSED USE:
    (a) Municipal (including hotels, stores, etc.)
    (b) Individual Domestic
    (c) Irrigation
    (d) Industrial
    (e) Military
    (f) Other

NOTE: Any water use is to be used in accordance with the requirements of the Department of Land and Natural Resources.

11. TOTAL NUMBER OF RESIDENCES TO BE SERVED:

12. TOTAL ACRES TO BE IRRIGATED AND TYPE OF CROP:
    (acres)
    (crop)

13. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION:
    (daytime hours of operation, ex. 7:30 a.m. to 2 p.m.)

14. APPLICANT MUST ESTABLISH THAT THE PROPOSED USE OF WATER:
    (a) Can be accommodated with the available water source.
    (b) Is a reasonable-beneficial use as defined in section 13-171-2, HAR. (see backside of this application)
    (c) Will not interfere with any existing legal use
    (d) Is consistent with the public interest
    (e) Is consistent with state and county general plans and land use designations
    (f) Is consistent with county land use plans and general policies

15. REMARKS, EXPLANATIONS:

NOTE: Signing below indicates the signatories understand and agree to the following terms: 1) the information provided on this application is accurate and true to the best of their knowledge; 2) Item 14 is the responsibility of the applicant prior to Commission approval; 3) If necessary, further information may be required before the application is considered complete; 4) If a water use permit is granted by the Commission, this permit is subject to prior existing permitted uses, changes in water use, and inflows to designated basins, water systems, and general policies, as defined by the Commission, and the use of future water; and 5) Upon permit approval, a water shortage plan must be submitted by the applicant to the Commission prior to the application.

Applicant (print)
Signature:
Date:

Landowner (print)
Signature:
Date:
"Reasonable-beneficial use" means the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is not wasteful and is both reasonable and consistent with the state and county land use plans and the public interest. *Dairy, Irrigation (1 Resident, 1.5 Acres)*

15. REMARKS, EXPLANATIONS (cont'd):

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| TOTAL GPD |
The Estate of James Campbell
1001 Kamokila Blvd.
Kapolei, HI 96707

Dear [Name]:

Water Use Permit Applications for Well No. 2201-02
Waipahu-Waiawa Ground Water Management Area, Oahu

We have received the attached incomplete applications for water use permits for the subject well, which we are forwarding to you for your signature as source landowner. Please sign to complete and return the applications to us.

If you recall, a water use permit for this well (WUP No. 457) was approved by the Commission on Water Resource Management (Commission) on March 19, 1997. These applications are to modify WUP No. 457.

If you have any questions, please contact Lenore Nakama at [Contact Information].

Sincerely,

EDWIN T. SAKODA
Acting Deputy Director

LN:ss
Attachment
c: Tadao Abe
    Gary Takiguchi
<table>
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<tr>
<th>F YR</th>
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REMARKS:  
LINE (1) Well No. 2201-02 (WCPA/PTPA)  
LINE (2)  
LINE (3)  
LINE (4)  

Paid to:  
Gary K. Takiguchi  575-24-3306  4750  
Nancy N. Takiguchi  576-42-1644  
Ph: 681-3283  4-16-98  
91:1188, LAULALUNUI ST., NO. B  
EWA BEACH, HI 96706  

Note:  
This check is made payable to the Department of Land and Natural Resources.  
Total: $25.00  
Sincerely yours,  
Department of Land and Natural Resources  

Sincerely yours,  
Gary K. Takiguchi  
Nancy N. Takiguchi  
City Bank  
Kapalama Branch  
889 Kuhio Street, Honolulu, Hi 96817  

Sincerely yours,  
Manny M. Takiguchi
APPLICATION FOR WATER USE PERMIT

PERMITTEE INFORMATION

1. (a) APPLICANT
   Firm/Name __________________________
   Contact Person ______________________
   Address _____________________________
   Phone ____________________________

   (b) LANDOWNER OF SOURCE
   Firm/Name The Estate of James Campbell
   Contact Person Donna Gish
   Address 1201 Kapoiki Blvd.
           Kapolei, HI 96707
   Phone 674-3229 Fax 674-3111

SOURCE INFORMATION

2. WATER MANAGEMENT AREA: Waipahu - Waiawa
   ISLAND: Oahu

3. (a) EXISTING WELL/DIVERSION NAME AND STATE NUMBER: Honolulu: Well No. 2201-02
   (b) PROPOSED (NEW) WELL/DIVERSION NAME:

   (c) LOCATION: Address Honolulu, Ewa, Oahu
   (Attach a USGS map, scale 1"=2000", and a property tax map showing source location referenced to established property boundaries.)

4. SOURCE TYPE (check one): □ Stream □ Well □ Pump □ Diverged Surface □ Other (explain)

5. METHOD OF TAKING WATER (check one): □ Artesian □ Well & Pump □ Diverged Surface □ Other (explain)

USE INFORMATION

6. LOCATION OF PROPOSED WATER USE: (if possible, show on same maps as source location. Otherwise, attach similar maps)
   (a) □ PUC-Regulated System □ Intended Dedication to Dept./Board of Water Supply □ Non-PUC-Regulated Private System
   (b) Proposed use of water is: □ Existing □ New □ Both existing & new uses
   (c) Tax Map Key: 9-1-1:0: (if location of use is over multiple TMKs, please complete Table 1 on back of application)
   (d) Address: Honolulu, Ewa, Oahu
   (e) Current State Land Use (District): □ Urban □ Agriculture □ Conservation □ Rural
   (f) Current County Zoning District(s): __________________

7. QUANTITY OF WATER REQUESTED: 19,800 gallons per day (averaged over 1 year)

8. METHOD OF MEASUREMENT: □ Flowmeter □ Open-pipe □ Weir □ Orifice □ Other (explain)

9. QUALITY OF WATER REQUESTED: □ Fresh □ Brackish □ Salt □ Potable □ Non-Potable

10. PROPOSED USE: □ Municipal (including hotels, stores, etc.) □ Individual Domestic □ Irrigation
    □ Industrial □ Military □ Other (explain)

   For questions 11 & 12: If multiple TMKs are involved where water is to be used, please complete Table 1 on back of application.

11. TOTAL NUMBER OF RESIDENCES TO BE SERVED: 6 Houses

12. TOTAL ACRES TO BE IRRIGATED AND TYPE OF CROP: 4.8 Acres - Vegetable Crops
    (acres) (crop)

13. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION: 24 Hours
    (daytime hours of operation, ex. 7 a.m. to 2 p.m.)

14. APPLICANT MUST ESTABLISH THAT THE PROPOSED USE OF WATER:
   (a) Can be accommodated with the available water source.
   (b) Is a reasonable-beneficial use as defined in section 13-171-2 HAR (see backside of this application)
   (c) Will not interfere with any existing legal use.
   (d) Is consistent with the public interest.
   (e) Is consistent with state and county general plans and land use designations.
   (f) Is consistent with county land use plans and general policies.

15. REMARKS, EXPLANATIONS: (see backside of this application)

NOTE: Signing below indicates that the signatories understand and swear that: 1) the information provided on this application is accurate and true to the best of the their knowledge; 2) Item 14 is the responsibility of the applicant prior to Commission approval; 3) If necessary, further information may be required before the application is considered complete; 4) If a water use permit is granted by the Commission, this permit is subject to prior existing permitted uses, changes in sustainable yields and instream flow standards, reserved uses as defined by the Commission, and Hawaiian Home Lands future uses; and 5) Upon permit approval, a water shortage plan must be submitted by the applicant should the Commission require one.

Applicant (print) ____________________________ Landowner (print) ____________________________
Signature ____________________________ Signature ____________________________
Date 4/16/93 Date ____________________________
Section 13-171-2, Hawaii Revised Statutes -

"Reasonable-beneficial use" means the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is not wasteful and is both reasonable and consistent with the state and county land use plans and the public interest.

15. REMARKS, EXPLANATIONS (cont'd):

14 = To the best of my knowledge, the proposed use will meet all of these conditions.

15. REMARKS, EXPLANATIONS (cont'd):

#8 = Estimated by Pump Capacity

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<tr>
<th>PROJECT NAME</th>
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<th>TMK</th>
<th>CURRENT COUNTY ZONING % DE</th>
<th>UNITS or NET ACRES</th>
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TOTAL GPD

19,800
Application for Water Use Permit
Honouliuli Well (Well No. 2201-02)
Waipahu-Waiawa Ground-Water Management Area, Oahu

We acknowledge receipt, on April 8, 1998, of the subject application. We have forwarded the application to The Estate of James Campbell for their signature as source landowner to complete the application.

If you have any questions, please contact Lenore Nakama at [Redacted].

Sincerely,

EDWIN T. SAKODA
Acting Deputy Director

LN:ss

c: The Estate of James Campbell
<table>
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<td>TOTAL 25.00</td>
</tr>
</tbody>
</table>

REMARKS:
LINE (1) Well NO. 2201-02 (WCPA)
LINE (2)
LINE (3)

91-3219 LAULAUNUI LANE
EWABEACH, HAWAII 96706

PAY TO THE ORDER OF:
DEPARTMENT OF LAND AND NATURAL RESOURCES

$25.00

TREASURER,
BANK OF HAWAII

MEMO

Terry Ali
FACSIMILE TRANSMITTAL PAGE

Please deliver the following pages:

To:

Company: CAMPBELL SST.

From: LENORE NAKAMA

Message: PLEASE REVIEW & SIGN.

(NOTE: THIS USE COVERED UNDER TAKEUCHI'S PERMIT. WILL NEED TO MODIFY WUP NO. 457 IF THIS APPLICATION IS APPROVED.)

THANKS!

Total number of pages (including Transmittal Page): 2

Please call back if not legible:

Sending Facsimile No.:

Receiving Facsimile No.: ( )

"
APPLICATION FOR WATER USE PERMIT

GND WTR USE PERMIT

GREAT PANEL/COMMISSION ON WATER RESOURCE MANAGEMENT

(Department of Land and Natural Resources)

APPLICATION FOR WATER USE PERMIT

(a) APPLICANT

Firm/Name

Contact Person

Address

Phone

Fax

(b) LANDOWNER OF SOURCE

Firm/Name

Contact Person

Address

Phone

Fax

PERMIT INFORMATION

1. (a) APPLICANT

Firm/Name

Contact Person

Address

Phone

Fax

(b) LANDOWNER OF SOURCE

Firm/Name

Contact Person

Address

Phone

Fax

SOURCE INFORMATION

2. WATER MANAGEMENT AREA:

3. (a) EXISTING WELL/DIVERSION NAME AND STATE NUMBER:

 (b) PROPOSED (NEW) WELL/DIVERSION NAME:

(c) LOCATION: Address

(Attach a USGS map, scale 1"=2000', and a property deed map showing source location referenced to established property boundaries.)

4. SOURCE TYPE (check one):

5. METHOD OF TAKING WATER (check one):

USE INFORMATION

6. LOCATION OF PROPOSED WATER USE: (If possible, show on same maps as source location. Otherwise, attach similar maps)

(a) PUC-Regulated System  (b) Non-PUC-Regulated System

(c) Proposed use of water is:

(d) Address:

(e) Current State Land Use District(s):

(f) Current County Zoning District(s):

7. QUANTITY OF WATER REQUESTED: ______________ gallons per day (averaged over 1 year)

8. METHOD OF MEASUREMENT:

9. QUALITY OF WATER REQUESTED:

10. PROPOSED USE: ______________________

(a) Municipal (including hotels, stores, etc.)

(b) Industrial

(c) Individual Domestic

(d) Military

(e) Irrigation

(f) Other (explain)

For questions 11 & 12: If multiple TMKs are involved where water is to be used, please complete Table 1 on back of application.

11. TOTAL NUMBER OF RESIDENCES TO BE SERVED:

12. TOTAL ACRES TO BE IRRIGATED AND TYPE OF CROP:

13. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION:

14. APPLICANT MUST ESTABLISH THAT THE PROPOSED USE OF WATER:

(a) Can be accommodated with the available water source.

(b) Is a reasonable-beneficial use as defined in section 13-171-2, HAR. (see backside of this application)

(c) Wifies not interfere with any existing legal use.

(d) Is consistent with the public interest.

(e) Is consistent with state and county general plans and land use designations.

(f) Is consistent with county land use plans and general policies.

15. REMARKS, EXPLANATIONS: (see backside of this application)

NOTE: Signing below indicates that the signatories understand and swear that: 1) The information provided on this application is accurate and true to the best of their knowledge; 2) Item 14 is the responsibility of the applicant prior to Commission approval; 3) If necessary, further information may be required before the application is considered complete; 4) If a water use permit is granted by the Commission, the permit is subject to prior existing permitted uses, changes in sustainable yields and instream flow standards, reserved uses as defined by the Commission, and Hawaiian Home Lands future uses; and 5) Upon permit approval, a water shortage plan must be submitted by the applicant should the Commission require one.

Applicant (print) ____________________________

Signature ____________________________ Date ____________

Landowner (print) ____________________________

Signature ____________________________ Date ____________
"Reasonable-beneficial use" means the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is not wasteful and is both reasonable and consistent with the state and county land use plans and the public interest.

15. REMARKS, EXPLANATIONS (cont'd):

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TOTAL GPD
MEMORANDUM
FROM: Lenore Nakama
SUBJECT: Modification of WUP No. 457

Thomas Abe, Tadao Abe's son, called on 3/16/98 re: our letter of 3/13/98. He is concerned because Well No. 2201-02 is Tadao Abe's water supply and has been for the last 50 years. He inquired as to the possibility for Tadao Abe to obtain his own water use permit for the well. He also inquired as to the possibility of drilling a well on the property. Told him individual domestic users are exempt from water use permit requirements. Per his request, sent him applications for well construction/pump installation and water use permits, HAR 13-168 & 13-171, and HWCPIS (January, 1997).
This is in response to your September 22, 1997 letter, requesting that the water use permit for Well No. 2201-02 (WUP No. 457) be modified to delete TMK 9-1-20:10 from the permit.

As was discussed in a January 23, 1998 telephone conversation with Lenore Nakama of the Commission staff, a new application should be made to effect the proposed modification, pursuant to §174C-57 Hawaii Revised Statutes, which states:

".... A permittee who seeks to change the use of water subject to the permit, whether or not such change in use is of a material nature, or to change the place of use of the water or to use a greater quantity of water than allowed under the permit or to make any change in respect to the water which may have a material effect upon any person or upon the water resource, shall make application pursuant to section 174C-51 in respect to such a change. ...." [emphasis added]

Tax Map Key 9-1-20:10 is owned by [redacted]. Because [redacted] may be affected by the proposed modification, the water use permit application process, outlined in §174C-51 to 53 should be followed to provide a due process hearing for Mr. Abe to voice any concerns regarding the proposed modification.

Secondly, the approved water use permit for 20,300 gallons per day (gpd) was based on existing use of 500 gpd at TMK 9-1-20:10. As such, the permitted use quantity should also be modified to reflect a reduced existing use quantity.

We have forwarded a copy of this letter to [redacted]. Should you decide to pursue this action, we have enclosed the appropriate application form for your use.

If you have any questions, please contact Lenore Nakama at [redacted].

Sincerely,

EDWIN T. SAKODA
Acting Deputy Director

LN:ss
Enclosure

c: [redacted]
The Estate of James Campbell
FROM: [Name]  DATE: 10/2  SUSPENSE DATE: __________

TO: __________ INIT. __________ TO: __________ INIT. __________ FOR: __________

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<td>CHING, F.</td>
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<td>NAKAMA, L.</td>
<td>ab</td>
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<td>FUJI, N.</td>
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<td>KUNIMURA, I.</td>
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Peg - is this an administrative modification? Should I just update
and cut new permit w/new WUP No? (The WUP that was
issued specifies this TK.)

Just need to check what 9-1-2010 is & who owns it. Otherwise I think we
can update minimally like a boring well.

Mike Silva & Ace ran "exclusion" equipment w/C.E. Force 2201-02.
September 22, 1997

[Name], Deputy Director
Department of Land and Natural Resources
Commission on Water Resource Management
P.O. Box 621
Honolulu, HI 96809

Dear [Name]:

Water Use Permit for Well No. 2201-02
Waipahu-Waiawa Ground Water Management Area, Oahu

Back in April of this year the Commission issued an approval for the above well. Upon review of the documents and conversations with Mr. Gary Takiguchi, the well user/applicant, we need to make a slight correction to the TMK number listings. TMK 9-1-20:10 should not be included in the water use permit and therefore should be deleted from the permit. All other information on the Ground Water Use Permit is accurate to our knowledge. Please inform us as to our next course of action.

Thank you for your help in this matter. We look forward to hearing from you. Should you have any questions, please feel free to call me at [number].

Sincerely,

[Name]

Michael O. Silva, P.E.
MEMORANDUM FOR THE RECORD

FROM: Lenore

SUBJECT: Compliance with Special Condition 3 of WUP No. 457

Mike Silva called 8/12/97, representing the permittee, regarding any follow-up action required to satisfy the above special condition. Mike talked to Stuart Yamada, DOH Safe Drinking Water Branch, who informed him that no DOH monitoring required, since it doesn't qualify as a public water system. Mike asked if we needed something in writing from DOH for our record. Told him that I would document this phone call, and that CWRM doesn't need anything in writing, but perhaps he or Mr. Takiguchi might want something for their record. He said he would ask Stuart to put it in writing.
Approval of Water Use Permit for Well No. 2201-02
Waipahu-Waiawa Ground Water Management Area, Oahu

This letter transmits your water use permit for Honouliuli Well (Well No. 2201-02) for use of 0.020 million gallons per day (mgd) of water on a 12-month moving average basis that was approved by the Commission on Water Resource Management (Commission) on March 19, 1997. As part of the Commission's approval, the following special conditions were added and are part of your permit under Standard Permit Condition 20:

Special Conditions

1. A final determination of the water use quantity shall be made within five years of the filing date of the application (January 8, 1997) to continue the existing use.
2. In the event that the tax map key at the location of the water use is changed, the permittee shall notify the Commission in writing of the tax map key change within thirty (30) days after receiving notice of the change.
3. The permittee shall contact the Department of Health for a written determination on the water system and comply with any DOH requirements for water quality monitoring and testing.

Enclosed with this letter of approval are the following:
1. Your water use permit
2. Your official monthly water use report form

Please be sure to read the conditions of your approved permit. If you accept these terms, please sign and return one copy of this permit to the Commission and retain a copy for your record.

We draw your attention to two key conditions of your permit that require your response. First, you are required to keep a record of your monthly total pumpage, water level, salinity, and water temperature. This information must be submitted to the Commission on a regular yearly basis using the enclosed water use report form. You should make copies of the enclosed report form as needed.

Second, you are required to submit a water shortage plan to the Commission within thirty (30) days of the issuance date of this permit. Your water shortage plan simply identifies what you are willing to do should the Commission declare a water shortage situation in the WAIAPU-WAIAWA Ground Water Management Area and can be as short as a one page letter. In a water shortage situation, the Commission may require temporary reductions in pumpage from all sources. The Commission is required, by law, to formulate a plan to implement such area-wide reductions, which should accommodate, include, and be consistent with your plans. Therefore, your help, by submitting your water shortage plan, is greatly needed in formulating the Commission’s overall Water Shortage Plan.

If you have any questions, please call Lenore Nakama of the Commission staff at [phone number].

Aloha,

Michael D. Wilson
Chairperson

Attachments
GROUND WATER USE PERMIT
WUP NO. 457

PERMITTEE

<table>
<thead>
<tr>
<th>Applicant/Water User Address</th>
<th>Landowner of Source Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>P.O. BOX 1346, EWA, HI 96706</td>
<td>THE ESTATE OF JAMES CAMPBELL 1001 KAMOKILA BLVD. KAPOLEI, HI 96707</td>
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PERMITTED SOURCE INFORMATION

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PERMITTED USE INFORMATION

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<tr>
<th>Reasonable beneficial use</th>
<th>DOMESTIC; IRRIGATION (FOR 7 RESIDENCES; 4.8 ACRES)</th>
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</thead>
<tbody>
<tr>
<td>Withdrawal (12 month moving ave.)</td>
<td>0.020 mgd</td>
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<tr>
<td>Location of water use</td>
<td>9-1, 20-4, 10, 11, 12 HONOULIULI, EWA, OAHU</td>
</tr>
<tr>
<td>TMK #</td>
<td>R-5</td>
</tr>
<tr>
<td>Address</td>
<td>URBAN</td>
</tr>
</tbody>
</table>

Pursuant to Hawaii's State Constitution, Article XI, Section 7, Hawaii Revised Statutes, Chapter 174C; Hawaii Administrative Rules, Chapters 13-167 through 13-171; and Hawaii decisional law and custom, the applicant is hereby authorized to use ground water from the sources and in the amount and from and upon the locations described above; subject however, to the requirements of law including but not limited to the following conditions:
1. The water described in this water use permit may only be taken from the location described and used for the reasonable beneficial use described at the location described above. Reasonable beneficial uses means "the use of water in such a quantity as is necessary for economic and efficient utilization which is both reasonable and consistent with State and County land use plans and the public interest." (HRS § 174C-3)

2. The right to use ground water is a shared use right.

3. The water use must at all times meet the requirements set forth in HRS § 174C-49(a), which means that it:
   a. Can be accommodated with the available water source;
   b. Is a reasonable-beneficial use as defined in HRS § 174C-3;
   c. Will not interfere with any existing legal use of water;
   d. Is consistent with the public interest;
   e. Is consistent with State and County general plans and land use designations;
   f. Is consistent with County land use plans and policies; and
   g. Will not interfere with the rights of the Department of Hawaiian Home Lands as provided in section 221 of the Hawaiian Homes Commission Act and HRS § 174C-101(a).

4. The ground water use here must not interfere with surface or other ground water rights or reservations.

5. The ground water use here must not interfere with interim or permanent instream flow standards. If it does, then:
   a. A separate water use permit for surface water must be obtained in the case an area is also designated as a surface water management area;
   b. The interim or permanent instream flow standard, as applicable, must be amended.

6. The water use authorized here is subject to the requirements of the Hawaiian Homes Commission Act, as amended, if applicable.

7. The water use permit application and submittal, as amended, approved by the Commission at its March 19, 1997 meeting are incorporated into this permit by reference.

8. Any modification of the permit terms, conditions, or uses may only be made with the express written consent of the Commission.

9. This permit may be modified by the Commission and the amount of water initially granted to the permittee may be reduced if the Commission determines it is necessary to:
   a. protect the water sources (quantity or quality);
   b. meet other legal obligations including other correlative rights;
   c. insure adequate conservation measures;
   d. require efficiency of water uses;
   e. reserve water for future uses, provided that all legal existing uses of water as of June, 1987 shall be protected;
   f. meet legal obligations to the Department of Hawaiian Home Lands, if applicable; or
   g. carry out such other necessary and proper exercise of the State's and the Commission's police powers under law as may be required.

Prior to any reduction, the Commission shall give notice of its proposed action to the permittee and provide the permittee an opportunity to be heard.

10. If the ground water source does not presently exist, the new well shall be completed, i.e. able to withdraw water for the proposed use on a regular basis, within twenty-four (24) months from the date the water use permit is approved.

11. An approved flowmeter(s) need not be installed to measure monthly withdrawals and a monthly record of withdrawals, salinity, temperature, and pumping times must be kept and reported to the Commission on Water Resource Management on forms provided by the Commission on a yearly basis (attached).

12. This permit shall be subject to the Commission's periodic review of the WAIPAHU-WAIKAWA Aquifer System's sustainable yield. The amount of water authorized by this permit may be reduced by the Commission if the sustainable yield of the WAIPAHU-WAIKAWA Aquifer System, or relevant modified aquifer(s), is reduced.
13. A permit may be transferred, in whole or in part, from the permittee to another, if:
   a. The conditions of use of the permit, including, but not limited to, place, quantity, and purpose of the use, remain the same; and
   b. The Commission is informed of the transfer within ninety days.

   Failure to inform the department of the transfer invalidates the transfer and constitutes a ground for revocation of the permit. A transfer which involves a change in any condition of the permit, including a change in use covered in HRS § 174C-57, is also invalid and constitutes a ground for revocation.

14. The use(s) authorized by law and by this permit do not constitute ownership rights.

15. The permittee shall request modification of the permit as necessary to comply with all applicable laws, rules, and ordinances which will affect the permittee's water use.

16. The permittee understands that under HRS § 174C-58(4), that partial or total nonuse, for reasons other than conservation, of the water allowed by this permit for a period of four (4) continuous years or more may result in a permanent revocation as to the amount of water not in use. The Commission and the permittee may enter into a written agreement that, for reasons satisfactory to the Commission, any period of nonuse may not apply towards the four-year period. Any period of nonuse which is caused by a declaration of water shortage pursuant to section HRS § 174C-62 shall not apply towards the four-year period of forfeiture.

17. The permittee shall prepare and submit a water shortage plan within 30 days of the issuance of this permit as required by HAR § 13-171-42(c). The permittee's water shortage plan shall identify what the permittee is willing to do should the Commission declare a water shortage in the WAIPAHU-WAIAWA Ground Water Management Area.

18. The water use permit granted shall be an interim water use permit, pursuant to HAR § 13-167-3(6). The final determination of the water use quantity shall be made within five years of the filing of the application.

19. The water use permit shall be subject to the Commission’s establishment of instream standards and policies relating to the Stream Protection and Management (SPAM) program, as well as legislative mandates to protect stream resources.

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

21. The permittee understands that any willful violation of any of the above conditions or any provisions of HRS § 174C or HAR § 13-171 may result in the suspension or revocation of this permit.

Michael D. Wilson, Chairperson
Commission on Water Resource Management

I have read the conditions and terms of this permit and understand them. I accept and agree to meet these conditions as a prerequisite and underlying condition of my ability to proceed.

Applicant's Signature: ___________________________ Date: _______________________

Printed Name: ___________________________ Firm or Title: ___________________________

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

Attachment
cc: The Estate of James Campbell
APPLICATION FOR A WATER USE PERMIT
Honouliuli Well (Well No. 2201-02), TMK 9-1-20:22
Existing Domestic and Irrigation Use for 0.020 mgd
Waipahu-Waiawa Ground Water Management Area, Oahu

APPLICANT:

P.O. Box 1346
Ewa, HI 96706

LANDOWNER:
The Estate of James Campbell
1001 Kamokila Blvd.
Kapolei, HI 96707

LOCATION MAP: See Exhibit 1

BACKGROUND:

On May 23, 1989, a Declaration of Water Use was received from The Takiguchi Family for the existing domestic and irrigation use of ground water at six (6) houses.

On July 29, 1996, the staff conducted a field investigation to verify the declared existing use.

On October 1, 1996, the Commission informed Mr. Takiguchi of his need to obtain a water use permit to continue the existing use.

On January 8, 1997, a completed water use permit application was received. Additional information regarding the source, use, notification, objections, and field investigation(s) is provided in Attachment A.

ANALYSIS/ISSUES:

Section 174C-49(a) of the State Water Code establishes seven (7) criteria that must be met to obtain a water use permit. An analysis of the proposed permit in relation to these criteria follows:

(1) Water availability

Through the Hawaii Water Plan, the Commission has adopted 119 mgd as the sustainable yield for the Waipahu-Waiawa Aquifer System. Individual existing water use permits in this aquifer system are shown in Exhibit 2. A summary of the current ground water conditions in the aquifer is provided in Table 1:

Item 7
Table 1. Waipahu-Waiawa Aquifer System

<table>
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<tr>
<th>ITEM</th>
<th>WAIPAHU-WAIAWA AQUIFER SYSTEM (mgd)</th>
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<tr>
<td>Sustainable Yield</td>
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<td>Less: Other Existing Water Use Permits (shown in Exhibit 2)</td>
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<td>Reservation to DHHL</td>
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<td>Less: Pending Completed Applications*</td>
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<td>Takiguchi, Well No. 2201-02</td>
<td>0.020 mgd</td>
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<tr>
<td>Subtotal (Potential Available Allocation)</td>
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* Does not include portions of applications that are already covered under existing permits:
  Hawaii Country Club - request to modify permitted use quantity for Well No. 2603-01 for additional 0.78 mgd; current permitted use is 0.22 mgd.

An issue is the cessation of Oahu Sugar Company (OSCo) irrigation practices on lands overlying the aquifer and the associated decrease in return irrigation recharge (40% to 60% of applied irrigation water) that is expected to result in a lower sustainable yield.

The staff's preliminary analysis of Pearl Harbor sustainable yields under various irrigation scenarios is shown in Exhibit 3 (prepared for the Waiahole Ditch Public Information Meeting, June 22, 1994). Exhibit 3 shows a potential decrease in the sustainable yield for Waipahu-Waiawa of 17 mgd (14%) without basal return irrigation and an additional 10 mgd (8%) without Waiahole Ditch return irrigation. In the event that both basal and Waiahole Ditch return irrigation ceases, then the sustainable yield may decrease by 27 mgd (23%).

The determination of the use of Windward aquifer ground water transported by Waiahole Ditch will be made in the ongoing contested case hearing. With regard to basal return irrigation, the landowners at former OSCo sources have transferred the water use permits, indicating short-term plans for continued diversified agriculture use. However, such direction is not clear in the 1992 draft of the Hawaii Water Plan, Oahu Water Management Plan (Plan), and return irrigation is as yet unquantified for diversified agriculture. In general, return irrigation would be less than for sugarcane agriculture (40% to 60% of applied water).
The 1992 Plan contains a general discussion of the conversion of sugarcane lands to diversified agriculture and urban uses. The Plan does not provide clear direction or specific geographic information regarding future land uses. Because sustainable yield is tied to land uses overlying the aquifer, i.e. for the return irrigation recharge component of the water budget equation, it is difficult to determine the future sustainable yield in Waipahu-Waiawa at this time.

Although the current allocated pumpage in Waipahu-Waiawa is 110.377 mgd (shown in Exhibit 2), about 47 mgd is allocated for agricultural uses. A reduction in sustainable yield from 119 mgd to 92 mgd assumes, most conservatively, that there is no agricultural return irrigation recharge. If it is assumed that all agricultural activities cease in Waipahu-Waiawa (thus the reduction in sustainable yield due to the lack of return irrigation recharge), then permitted agricultural uses would also be reduced accordingly by about 47 mgd. Table 2 illustrates this scenario (Scenario 1) and other possible scenarios for the Commission's consideration and information:

Table 2. Potential Waipahu-Waiawa Ground Water Conditions

<table>
<thead>
<tr>
<th>ITEM</th>
<th>SCENARIO 1 (mgd)</th>
<th>SCENARIO 2 (mgd)</th>
<th>SCENARIO 3 (mgd)</th>
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<tr>
<td>Conservative Sustainable Yield</td>
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<td>Less: Other Existing Permits*</td>
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<td>Reservation to DHHL</td>
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<td>-1.581</td>
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</tbody>
</table>

* Scenario 1 - Assumes revocation of 47 mgd permitted agricultural uses at former OSCo wells.
Scenario 2 - Assumes revocation of 23.5 mgd permitted agricultural uses at former OSCo wells.
Scenario 3 - Assumes no revocation of permitted agricultural uses at former OSCo wells.

Informal discussions with Central and Ewa area landowners indicate that some diversified agriculture on the caprock may use brackish basal wells (i.e. former OSCo wells) for irrigation supply because of high chloride concentrations in caprock wells. Scenario 2 in Table 2 assumes that half of the current permitted use for agriculture (23.5 mgd) is revoked, and the remaining permitted use is applied outside of the Waipahu-Waiawa Aquifer System on the Ewa Caprock region. Under this scenario, 5.123 mgd of ground water would be available for allocation.

Scenario 3 in Table 2 assumes that existing agricultural use permits are not revoked, but are utilized for diversified agriculture entirely over the Waipahu-Waiawa Aquifer System. Again, return irrigation recharge for diversified agriculture is unknown. Table 2 shows that, to offset the potential deficit of 18.377 mgd in Waipahu-Waiawa under this scenario, return irrigation from diversified agriculture must be at least 39% (18.377 mgd / 47 mgd). In comparison, sugarcane agriculture is estimated to return 40% to 60% of applied irrigation water. However, this scenario is unlikely since existing water use permits would need to be modified to accommodate the change in use location since some of the water was formerly used outside the Waipahu-Waiawa Aquifer System.
(2) **Reasonable-beneficial**

Section 174C-3 HRS defines "reasonable-beneficial use" is

"...the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is both reasonable and consistent with the state and county land use plans and the public interest."

The water is used for the domestic supply for six (6) residences (about 17 people) and for irrigation supply for four (4) acres of banana, ginger, and various vegetables. Using the county guidelines for single family units on Oahu, the average daily demand per unit is 500 gallons. For six residences, the total demand would be 3,000 gpd. The guideline for agricultural irrigation ranges from 3,019 gpd/acre for banana to about 7,400 gpd/acre for floriculture (1992 Draft Oahu Water Management Plan). For four (4) acres, the forecasted irrigation requirement ranges from 12,000 gpd (for banana) to 29,600 (for floriculture). The applicant's estimate of the existing use, 20,300 gpd, is within the guidelines. Other reasonable-beneficial use criteria are discussed in the following sections.

(3) **Interference with other existing legal uses**

This request is for a long-standing existing use. No interference with other existing legal uses are anticipated.

(4) **Public interest**

The continuation of this existing use of water is deemed to be in the public interest, provided that the use complies with the provisions of §174C-49(a) HRS.

(5) **State & county general plans and land use designations**

This proposed use is consistent with the state and county general plans and land use designations.

(6) **County land use plans and policies**

This proposed use is consistent with county land use plans and policies.

(7) **Interference with Hawaiian home lands rights**

All permits are subject to the prior rights of Hawaiian home lands. The Department of Hawaiian Home Lands (DHHL) and the Office of Hawaiian Affairs have reviewed this application. No comments or concerns were raised.

This water system may be a "public water system" under the Department of Health (DOH) rules. The applicant should contact DOH for a determination and comply with any DOH requirements for monitoring and testing.
Staff Submittal

March 19, 1997

RECOMMENDATION:

Staff recommends that the Commission approve the issuance of an interim five-year water use permit to Gary Takiguchi for the reasonable and beneficial use of 20,300 gallons per day of potable water for domestic and irrigation use from the Honouliuli Well (Well No. 2201-02), subject to the standard water use permit conditions listed in Attachment B and the following special conditions:

1. A final determination of the water use quantity shall be made within five years of the filing date of the application (January 8, 1997) to continue the existing use.

2. In the event that the tax map key at the location of the water use is changed, the permittee shall notify the Commission in writing of the tax map key change within thirty (30) days after receiving notice of the change.

3. The permittee shall contact DOH for a written determination on the water system and comply with any DOH requirements for water quality monitoring and testing.

Respectfully submitted,

[Signature]

RAE M. LOUI
Deputy Director

Attachment(s):  
A (Water Use Permit Detailed Information)  
B (Water Use Permit Standard Conditions)  

Exhibit(s):  
1 (Location Map)  
2 (Existing Water Use Permits and 12-Month Moving Average Withdrawal)  
3 (Preliminary Staff Analysis of Pearl Harbor Sustainable Yields)  
4 (Annual Water Use Report Form)
**WATER USE PERMIT DETAILED INFORMATION**

**Source Information**

**AQUIFER:**
- Sustainable Yield: 119 mgd
- Existing Water Use Permits and Reservations: 110.377 mgd
- Available Allocation: 8.623 mgd
- Total of pending allocations: 4.160 mgd

**WELL:**
- Honouliuli Well (Well No. 2201-02)
- Location: Honouliuli, Ewa, Oahu, TMK:9-1-20:22
- Year Drilled: (Pre-1930)
- Casing Diameter: 10 in.

**Elevations (msl= 0 ft.)**
- Water Level: 16.4 ft.
- Ground: 17 ft.
- Bottom of Solid Casing: -43.6 ft.
- Bottom of Perforated: NA ft.
- Bottom of Open Hole: -339.6 ft.

**Total Depth:** 356 ft.
**Grouted Annulus Depth:** NA ft.

**Pump Capacity:** 30 gpm

**Use Information**

**Quantity Requested:** 20,300 gallons per day.
**Existing Type of Water Use:** Domestic and irrigation supply for six (6) residences
**Place of Water Use:** Honouliuli, Ewa, Oahu at TMK: 9-1-20:4,10,11,12

ATTACHMENT A
Staff Submittal

March 19, 1997

Reported Water Usage:

Waipahu-Waiawa Aquifer System
Current 12-Month Moving Average Withdrawal:

NA gpd

52.816 gpd

Nearby Surrounding Wells and Other Registered Ground Water Use

There are other wells in the vicinity of Well No. 2202-01 (see Exhibit 1). Interference with other existing legal uses is not anticipated from the continuation of this existing use of 20,300 gpd.

Public Notice

In accordance with HAR §13-171-17, a public notice was published in the Star-Bulletin on January 28, 1997 and February 3, 1997 and copies of the notice were sent to the Mayor's office and the Board of Water Supply. Additional notice copies were sent to the County Council and Department of Water Supply. Copies of the completed application were sent to the Department of Health, Department of Hawaiian Home Lands, Office of Hawaiian Affairs, Aquatic Resources & Historic Preservation Divisions of the Department of Land and Natural Resources, and other interested parties for comments. Written comments and objections to the proposed permit were to be submitted to the Commission by February 18, 1997.

Objections

The public notice specifies that an objector meet the following requirements: (1) state property or other interest in the matter; (2) set forth questions of procedure, fact, law, or policy, to which objections are taken; (3) state all grounds for objections to the proposed permits, (4) provide a copy of the objection letter(s) to the applicant, and (5) submit objections meeting the previous requirements to the Commission by February 18, 1997.

To the best of staff's knowledge there are no objectors who have property interest within the Waipahu-Waiawa Aquifer System or who will be directly and immediately affected by the proposed water use.

Briefs in Support

Responses to objections, or briefs in support, regarding the application are required to be filed with the Commission ten (10) days after an objection is filed and, presumably, copies are served to the applicant. No briefs in support were filed with the Commission.

Field Investigation

The water source and existing use was investigated on July 29, 1996. The investigation(s) verified the applicants request for water use permit.
STANDARD WATER USE PERMIT CONDITIONS

1. The water described in this water use permit may only be taken from the location described and used for the reasonable beneficial use described at the location described above. Reasonable beneficial uses means "the use of water in such a quantity as is necessary for economic and efficient utilization which is both reasonable and consistent with State and County land use plans and the public interest." (HRS § 174C-3)

2. The right to use ground water is a shared use right.

3. The water use must at all times meet the requirements set forth in HRS § 174C-49(a), which means that it:
   
a. Can be accommodated with the available water source;
b. Is a reasonable-beneficial use as defined in HRS § 174C-3;
c. Will not interfere with any existing legal use of water;
d. Is consistent with the public interest;
e. Is consistent with State and County general plans and land use designations;
f. Is consistent with County land use plans and policies; and
   g. Will not interfere with the rights of the Department of Hawaiian Home Lands as provided in section 221 of the Hawaiian Homes Commission Act and HRS § 174C-101(a).

4. The ground water use here must not interfere with surface or other ground water rights or reservations.

5. The ground water use here must not interfere with interim or permanent instream flow standards. If it does, then:
   
a. A separate water use permit for surface water must be obtained in the case an area is also designated as a surface water management area;
b. The interim or permanent instream flow standard, as applicable, must be amended.

6. The water use authorized here is subject to the requirements of the Hawaiian Homes Commission Act, as amended, if applicable.

7. The water use permit application and submittal, as amended, approved by the Commission at its March 19, 1997 meeting are incorporated into this permit by reference.

8. Any modification of the permit terms, conditions, or uses may only be made with the express written consent of the Commission.

9. This permit may be modified by the Commission and the amount of water initially granted to the permittee may be reduced if the Commission determines it is necessary to:
   
a. protect the water sources (quantity or quality);
b. meet other legal obligations including other correlative rights;
c. insure adequate conservation measures;
d. require efficiency of water uses;
e. reserve water for future uses, provided that all legal existing uses of water as of June, 1987 shall be protected;
f. meet legal obligations to the Department of Hawaiian Home Lands, if applicable; or
   g. carry out such other necessary and proper exercise of the State's and the Commission's police powers under law as may be required.
Prior to any reduction, the Commission shall give notice of its proposed action to the permittee and provide the permittee an opportunity to be heard.

10. If the ground water source does not presently exist, the new well shall be completed, i.e. able to withdraw water for the proposed use on a regular basis, within twenty-four (24) months from the date the water use permit is approved.

11. An approved flowmeter(s) need not be installed to measure monthly withdrawals and a monthly record of withdrawals, salinity, temperature, and pumping times must be kept and reported to the Commission on Water Resource Management on forms provided by the Commission on a yearly basis (attached).

12. This permit shall be subject to the Commission's periodic review of the Waipahu-Waiawa Aquifer System's sustainable yield. The amount of water authorized by this permit may be reduced by the Commission if the sustainable yield of the Waipahu-Waiawa Aquifer System, or relevant modified aquifer(s), is reduced.

13. A permit may be transferred, in whole or in part, from the permittee to another, if:
   a. The conditions of use of the permit, including, but not limited to, place, quantity, and purpose of the use, remain the same; and
   b. The Commission is informed of the transfer within ninety days.

Failure to inform the department of the transfer invalidates the transfer and constitutes a ground for revocation of the permit. A transfer which involves a change in any condition of the permit, including a change in use covered in HRS § 174C-57, is also invalid and constitutes a ground for revocation.

14. The use(s) authorized by law and by this permit do not constitute ownership rights.

15. The permittee shall request modification of the permit as necessary to comply with all applicable laws, rules, and ordinances which will affect the permittee's water use.

16. The permittee understands that under HRS § 174C-58(4), that partial or total nonuse, for reasons other than conservation, of the water allowed by this permit for a period of four (4) continuous years or more may result in a permanent revocation as to the amount of water not in use. The Commission and the permittee may enter into a written agreement that, for reasons satisfactory to the Commission, any period of nonuse may not apply towards the four-year period. Any period of nonuse which is caused by a declaration of water shortage pursuant to section HRS § 174C-62 shall not apply towards the four-year period of forfeiture.

17. The permittee shall prepare and submit a water shortage plan within 30 days of the issuance of this permit as required by HAR § 13-171-42(c). The permittee's water shortage plan shall identify what the permittee is willing to do should the Commission declare a water shortage in the Waipahu-Waiawa Ground Water Management Area.

18. The water use permit granted shall be an interim water use permit, pursuant to HAR § 13-167-3(6). The final determination of the water use quantity shall be made within five years.

19. The water use permit shall be subject to the Commission's establishment of instream standards and policies relating to the Stream Protection and Management (SPAM) program, as well as legislative mandates to protect stream resources.

ATTACHMENT B
<table>
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<tr>
<th>Wup No.</th>
<th>Applicant</th>
<th>Well No</th>
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<th>Approval</th>
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<td>MILILANI II</td>
<td>3/27/87</td>
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</table>

163 Permits Totalling 110.377
Available SY: 52.374

EXHIBIT 2
Preliminary Staff Analysis

SUSTAINABLE YIELD (SY) ESTIMATES
PEARL HARBOR SECTOR
(Million gallons per day)

<table>
<thead>
<tr>
<th></th>
<th>Waipahu-Waiawa</th>
<th>Ewa-Kunia</th>
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</thead>
<tbody>
<tr>
<td>Estimated SY</td>
<td>119</td>
<td>20</td>
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<tr>
<td>Estimated SY without basal return irrigation</td>
<td>102</td>
<td>11</td>
</tr>
<tr>
<td>Estimated SY without Waiahole Ditch return irrigation</td>
<td>109</td>
<td>20</td>
</tr>
<tr>
<td>Estimated SY without basal and Waiahole Ditch return irrigation</td>
<td>92</td>
<td>11</td>
</tr>
</tbody>
</table>

Current allocated pumpage       | 116.33         | 18.75     |
Allocated pumpage without OsCo. | 60.72          | 13.74     |

Assumptions

1. Assumes 40% of applied irrigation contributes to sustainable yield estimates.

2. Current application of OSCo water:
   a. All 25 mgd of Waiahole Ditch flows presently irrigate the Waipahu-Waiawa Aquifer System.
   b. Although 60.61 mgd is allocated, actual pumpage from the basal lens is about 52 mgd. Of the 52 mgd of basal (pumped) water, 34 mgd irrigates the Waipahu-Waiawa Aquifer Sector and 18 mgd irrigates the caprock.

3. This is a preliminary staff analysis and is an extrapolation from existing information.

EXHIBIT 3
### STATE OF HAWAII
COMMISSION ON WATER RESOURCE MANAGEMENT
DEPARTMENT OF LAND AND NATURAL RESOURCES

ANNUAL GROUND WATER USE REPORT

P.O. Box 1346
Ewa, HI 96706

Year of 19__

<table>
<thead>
<tr>
<th>Month</th>
<th>State Well No./ Well Name</th>
<th>Period Begin Date (mm/dd/yy)</th>
<th>Period End Date (mm/dd/yy)</th>
<th>Quantity Pumped (gallons)</th>
<th>Method of Measurement</th>
<th>Chloride (mg/l)</th>
<th>Temp. (°F)</th>
<th>Non-Pumping Water Level (ft. above sea level)</th>
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</tbody>
</table>

**INSTRUCTIONS:** Please TYPE OR PRINT CLEARLY. Complete the form to report total monthly ground water use, and, if required, other information from each of your well sources. Mail to: Commission on Water Resource Management, P.O. Box 821, Honolulu HI 96809. For assistance, please call (808) 587-0265.

- Flow meter, electrical consumption, weir of flume, not metered (estimated).
- Measurement should be taken while pump is NOT running just prior to a pumping cycle; if measurement is taken while pump is running, please indicate so.

Other comments or additional information (e.g. - method of chloride measurements; how pumpage amounts are estimated; etc...):

Submitted by (print) ____________________________________________
Signature ____________________________
Title ________________________________________________________
Date __________________________________________________________

EXHIBIT 4
STATE OF HAWAII  
COMMISSION ON WATER RESOURCE MANAGEMENT  
DEPARTMENT OF LAND AND NATURAL RESOURCES  

ANNUAL GROUND WATER DELIVERY REPORT  
(INFORMATION TO BE USED BY U.S. GEOLOGICAL SURVEY)  

P.O. Box 1346  
Ewa, HI 96706  

Year of 19_

**INSTRUCTIONS:** Please TYPE OR PRINT CLEARLY. Complete this form to report total monthly ground water use and other information from each of your well sources. Mail to: Commission on Water Resource Management, P.O. Box 621, Honolulu HI 96806. For assistance, please call (808) 587-0284.

<table>
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<th>Quantity Delivered (gallons)</th>
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<th>Field No(s)</th>
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<th>Method of Measurement**</th>
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* Use of water code:

** For estimated values use code:

- **A:** Agriculture non-irrigation use (livestock, cane wash, etc.)
- **C:** Commercial
- **D:** Domestic
- **ID:** Irrigation - Drip
- **IS:** Irrigation - Sprinkle

- **P:** Power consumption
- **T:** Total time of operation
- **D:** Comparison with past data
- **X:** Other means - (indicate method)

Other comments or additional information:

Submitted by (print) ____________________________  
Signature ____________________________  
Title ____________________________  
Date ____________________________

EXHIBIT 4
TO: Honorable Kali Watson, Chairperson
    Department of Hawaiian Home Lands

Honorable Lawrence Miike, Director
    Department of Health

Honorable Clayton H. W. Hee, Chairperson
    Office of Hawaiian Affairs

Ms. Esther Ueda, Executive Officer
    Land Use Commission

Mr. Raymond Sato, Manager & Chief Engineer
    Honolulu Board of Water Supply

Mrs. Cheryl D. Soon, Chief Planning Officer
    Planning Department

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

SUBJECT: Water Use Permit Application
    Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for
Gary Takiguchi for Well No. 2201-02. Public notice of this application will be published in the

We would appreciate your review of the proposed use that is described in the attached
application for any conflicts or inconsistencies with the land use designations, plans, policies,
programs, or objectives specific to your organization or department only. Please respond by
returning this cover memo form by February 18, 1997.

If you have any questions, require additional information, or would like to request an
extension of the review period for this application, please contact Lenore Nakama at 587-0218.

LN:ss
Attachment(s)

Response:

☐ We have no comments
☐ We have no objections
☐ Comments attached

Contact Person: Phone:  
Signed: Date: 1/30/97
MEMORANDUM

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

FROM: Don Hibbard, Administrator
Historic Preservation Division

SUBJECT: Application for Water Use Permit, Waipahu-Waiawa Ground Water Management Area, O'ahu for Gary Takiguchi for Well No. 2201-02 Honouliuli, 'Ewa, O'ahu
TMK: 9-1-20:11

Thank you for the opportunity to review this project. The applicant proposes to use water from an existing source. Since an approved permit will not authorize any ground disturbing activities we believe that there will be "no effect" on historic sites.

EJ:jk
TO: Aquatic Resources
    Forestry and Wildlife/Natural Area Reserve System
    Historic Preservation
    Land Management
    State Parks

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

SUBJECT: Request for Comments
         Water Use Permit Application
         Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for Gary Takiguchi for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of January 28, 1997 and February 3, 1997.

We would appreciate your review of the attached application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your division only. Please respond by returning this cover memo form by February 18, 1997.

If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at [contact information]

LN: ss
Attachment(s)

Response:

( ) We have no comments
( ) We have no objections
☑ Comments attached

Contact Person: [redacted]  Phone: ________
Signed: [redacted]  Date: 2/6/97
COMMENTS

The Oahu District Office of the Land Division has no objections to the pending Application For Water Use Permit for ground water located on private property located in Honouliuli, Ewa, Oahu, TMK 1st/ 9-1-20:11.

This office does insist that the applicant obtain all required Federal, State and County permits prior to any construction work.

Should you have any questions, you may contact John Dooling at [redacted].
TO: Honorable Kali Watson, Chairperson  
Department of Hawaiian Home Lands  
Honorable Lawrence Miike, Director  
Department of Health  
Honorable Clayton H. W. Hee, Chairperson  
Office of Hawaiian Affairs  
Ms. Esther Ueda, Executive Officer  
Land Use Commission  
Mr. Raymond Sato, Manager & Chief Engineer  
Honolulu Board of Water Supply  
Mrs. Cheryl D. Soon, Chief Planning Officer  
Planning Department

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

SUBJECT: Water Use Permit Application  
Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for Gary Takiguchi for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of January 28, 1997 and February 3, 1997.

We would appreciate your review of the proposed use that is described in the attached application for any conflicts or inconsistencies with the land use designations, plans, policies, programs, or objectives specific to your organization or department only. Please respond by returning this cover memo form by February 18, 1997.

If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at 587-0218.

LN: ss
Attachment(s).

Response:

☐ We have no comments
☐ We have no objections
☐ Comments attached

Contact Person:  
Phone:  
Signed:  
Date: 02/03/97
Mr. Michael D. Wilson, Chairperson  
Department of Land and Natural Resources  
State of Hawaii  
P. O. Box 621  
Honolulu, Hawaii  96809  

Dear Mr. Wilson:  

Subject: Water Use Permit for Campbell Estate Honouliuli Well No. 2201-02  

Thank you for the opportunity to comment on this application for a water use permit. We have no objections to use of water from this well for diversified crops. The cover form is returned accordingly marked.  

If you have any questions, please contact Chester Lao at [redacted].  

Very truly yours,  

RAYMOND H. SATO  
Manager and Chief Engineer  

Attachment  

Pure Water . . . our greatest need – use it wisely
TO: Honorable Kali Watson, Chairperson
Department of Hawaiian Home Lands

Honorable Lawrence Miike, Director
Department of Health

Honorable Clayton H. W. Hee, Chairperson
Office of Hawaiian Affairs

Ms. Esther Ueda, Executive Officer
Land Use Commission

Mr. Raymond Sato, Manager & Chief Engineer
Honolulu Board of Water Supply

Mrs. Cheryl D. Soon, Chief Planning Officer
Planning Department

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

SUBJECT: Water Use Permit Application
Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for Gary Takiguchi for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of January 28, 1997 and February 3, 1997.

We would appreciate your review of the proposed use that is described in the attached application for any conflicts or inconsistencies with the land use designations, plans, policies, programs, or objectives specific to your organization or department only. Please respond by returning this cover memo form by February 18, 1997.

If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at 587-0218.

Response:

( ) We have no comments
( ) We have no objections
( ) Comments attached

Contact Person:
Signed: RAYMOND H. SATO
Manager and Chief Engineer

Phone:         Date: 2/4/97
February 20, 1997

Honorable Michael D. Wilson, Chairperson
Commission on Water Resource Management
Department of Land and Natural Resources
State of Hawaii
P.O. Box 621
Honolulu, Hawaii 96809

Dear Mr. Wilson:

Water Use Permit Application for
Well No. 2201-02

This is in response to your memorandum dated January 15, 1997. We have reviewed the subject application and provide the comments below for your consideration.

- The parcels identified as Tax Map Keys 9-1-20: 4, 10, 11, and 12 are designated Residential on the Ewa Development Plan Land Use Map (DPLUM).

- The Department of Land Utilization indicated that the site is zoned R-5 and that the use is not within the Special Management Area. See attached memorandum.

- We have no objections to the subject water use permit application.

Should you have any questions, please call Eugene Takahashi of our staff at [redacted].

Sincerely,

[Signature]
Acting Chief Planning Officer

PTO:lh

Attachment

cc: Honorable Jeremy Harris, Mayor
(Mayor's Control No. 29203)
January 31, 1997

MEMORANDUM

TO: CHERYL D. SOON, CHIEF PLANNING OFFICER
   PLANNING DEPARTMENT

FROM: PATRICK T. ONISHI, DIRECTOR
   DEPARTMENT OF LAND UTILIZATION

SUBJECT: WATER USE PERMIT APPLICATION

Applicant:  
Tax Map Key(s): 9-1-20: 04, 10, 11, 12 
Type of Use(s): Domestic and Irrigation 
Well No.: 2201-02

The proposed use on the above-referenced tax map key(s) has been reviewed. We find that the:

1. The current zoning designation for all of the parcels is R-5 Residential District. Dwellings are permitted as principal uses within this District. The production of vegetable crops is not a permitted use within this District.

2. The use is not within the Special Management Area.

The proposed project has been reviewed for the purpose of providing the above information and does not imply a recommendation of approval by this Department. Should you have any questions, please contact the Environmental Review Branch at __________.

\[Signature\] 
PATRICK T. ONISHI 
Director of Land Utilization

PTO: am

a:2201-02.as9 
g:2201-02.ask
TO: Aquatic Resources
    Forestry and Wildlife/Natural Area Reserve System
    Historic Preservation
    Land Management
    State Parks

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

SUBJECT: Request for Comments
    Water Use Permit Application
    Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for
for Well No. 2201-02. Public notice of this application will be published in the

We would appreciate your review of the attached application for any conflicts or
inconsistencies with the programs, plans, and objectives specific to your division only. Please
respond by returning this cover memo form by February 18, 1997.

If you have any questions, require additional information, or would like to request an
extension of the review period for this application, please contact Lenore Nakama at

Response:

( ) We have no comments
( ) We have no objections
( ) Comments attached

Contact Person: ___________________________ Phone: 1/29/97

Signed: ___________________________ Date: 1/29/97

Attachment(s)

Div. of Aquatic Resources
MEMORANDUM

To: Rae Loui, Deputy Director
Commission on Water Resource Management

From: William Devick, Acting Administrator
Division of Aquatic Resources

Subject: Comments on Water Use Permit Application

Comments Requested By: Rae M. Loui

Date of Request: 1/15/97
Date Received: 1/15/97

Summary of Project

Title: Water Use Permit Application
Proj. By: /Campbell Estate
Location: Waipahu-Waiawa Ground Water Management Area, Oahu
Honouliuli Well No. 2201-02

Brief Description:

The applicant requests permission to pump 20,300 gallons per day from Honouliuli Well No. 2201-02 in Honolulu, Oahu for the purpose of supplying 7 houses and irrigating 4.8 acres of vegetable crops.

Comments:

We have no objection to the proposed request.
TO: 
Honorable Kali Watson, Chairperson
Department of Hawaiian Home Lands

Honorable Lawrence Miike, Director
Department of Health

Honorable Clayton H. W. Hee, Chairperson
Office of Hawaiian Affairs

Ms. Esther Ueda, Executive Officer
Land Use Commission

Mr. Raymond Sato, Manager & Chief Engineer
Honolulu Board of Water Supply

Mrs. Cheryl D. Soon, Chief Planning Officer
Planning Department

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

SUBJECT: Water Use Permit Application
Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for
Gary Takiguchi for Well No. 2201-02. Public notice of this application will be published in the

We would appreciate your review of the proposed use that is described in the attached
application for any conflicts or inconsistencies with the land use designations, plans, policies,
programs, or objectives specific to your organization or department only. Please respond by
returning this cover memo form by February 18, 1997.

If you have any questions, require additional information, or would like to request an
extension of the review period for this application, please contact Lenore Nakama.

Response:

☑ We have no comments
☐ We have no objections
☐ Comments attached

Contact Person: [Redacted] Phone: [Redacted]
Signed: [Redacted] Date: [Redacted]
TO: Aquatic Resources
   Forestry and Wildlife/Natural Area Reserve System
   Historic Preservation
   Land Management
   State Parks

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

SUBJECT: Request for Comments
         Water Use Permit Application
         Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of January 28, 1997 and February 3, 1997.

We would appreciate your review of the attached application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your division only. Please respond by returning this cover memo form by February 18, 1997.

If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at 587-0213.

Response:

☑ We have no comments
☐ We have no objections
☐ Comments attached

Contact Person: Phone:
Signed: Date: 1/17/97
Richard did field investigation on 1/29/96. Source TINK is 9-1-20:022 according to his report. Yes it called Leo, Luc, he just picked TINK off the map provided. Should be priced 22, not 11 or 21. Wellphys dbf shows correct TINK.
January 17, 1997

Mr. Michael D. Wilson, Chairperson
Commission on Water Resource Management
Department of Land and Natural Resources
P.O. Box 621
Honolulu, Hawai‘i 96809

Dear Mr. Wilson:

Subject: Water Use Permit Application
Waipahu-Waiawa Ground Water Management Area, Oahu - Well No. 2202-02

We have reviewed the subject water use permit application, as transmitted by your memorandum dated January 15, 1997, and confirm that the location of Well No. 2202-02, identified as TMK: 9-1-20: 4, 10, 11, and 12, is within the State Land Use Urban District.

We note that the location of the well should be identified as TMK: 9-1-20: 21, and not TMK: 9-1-20: 11, as indicated on the Water Use Permit Application.

We have no further comments to offer at this time.

Thank you for the opportunity to provide comments on the subject application.

As requested, please find enclosed the cover memorandum for the subject application.

If you have any questions in regards to this matter, please feel free to contact me or Leo Asuncion of my staff at

Sincerely,

ESTHER UEDA
Executive Officer

EU:th
Enclosure
TO: Honorable Kali Watson, Chairperson
Department of Hawaiian Home Lands

Honorable Lawrence Miike, Director
Department of Health

Honorable Clayton H. W. Hee, Chairperson
Office of Hawaiian Affairs

Ms. Esther Ueda, Executive Officer
Land Use Commission

Mr. Raymond Sato, Manager & Chief Engineer
Honolulu Board of Water Supply

Mrs. Cheryl D. Soon, Chief Planning Officer
Planning Department

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

SUBJECT: Water Use Permit Application
Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of January 28, 1997 and February 3, 1997.

We would appreciate your review of the proposed use that is described in the attached application for any conflicts or inconsistencies with the land use designations, plans, policies, programs, or objectives specific to your organization or department only. Please respond by returning this cover memo form by February 18, 1997.

If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at

LN:ss
Attachment(s)

Response:

( ) We have no comments
( ) We have no objections
( ) Comments attached

Contact Person: ___________________________ Phone: ____________

Signed: ___________________________________ Date: ____________
TO: Aquatic Resources
Forestry and Wildlife/Natural Area Reserve System
Historic Preservation
Land Management
State Parks

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

SUBJECT: Request for Comments
Water Use Permit Application
Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of January 28, 1997 and February 3, 1997.

We would appreciate your review of the attached application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your division only. Please respond by returning this cover memo form by February 18, 1997.

If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at __________.

LN:ss
Attachment(s)

Response:

( ) We have no comments
( ) We have no objections
( ) Comments attached

Contact Person: __________________________ Phone: __________________________
Signed: __________________________ Date: JAN 21 1997
Mr. [redacted]
P.O. Box 1346
Ewa, HI 96706

Dear [redacted]:

We acknowledge receipt, on January 8, 1997, of your completed application for a water use permit for Well No. 2201-02. Enclosed is a copy of the public notice for your water use permit application that will be published in the Honolulu Advertiser issues of January 28, 1997 and February 3, 1997.

Please be aware that there may be objections to your application. If objections are made, the objector is required to file such objections with the Commission and is also required to send you a copy of the objections. You, or any other party, may respond to objections by filing a brief in support of your application with the Commission within ten (10) days of the filing of an objection. You, or the other party, must also send a copy of the response to the objector.

If you have any questions, please contact Lenore Nakama at [redacted]

Sincerely,

RAE M. LOUI
Deputy Director

LN:ss
Enclosure

The Estate of James Campbell
TO: Aquatic Resources
Forestry and Wildlife/Natural Area Reserve System
Historic Preservation
Land Management
State Parks

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

SUBJECT: Request for Comments
Water Use Permit Application
Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of January 28, 1997 and February 3, 1997.

We would appreciate your review of the attached application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your division only. Please respond by returning this cover memo form by February 18, 1997.

If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at

LN:ss
Attachment(s)

Response:

( ) We have no comments
( ) We have no objections
( ) Comments attached

Contact Person: __________________________ Phone: __________________________

Signed: __________________________ Date: __________________________
TO: Other Interested Parties
FROM: Rae M. Loui, Deputy Director
SUBJECT: Request for Comments
Water Use Permit Application
Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of January 28, 1997 and February 3, 1997.

We would appreciate your review of the attached application for any conflicts or interferences with the programs, plans, and objectives of the organization or agency that you represent. Written objections should be made in accordance with Section 13-171-18 of our Administrative Rules and must be filed by the February 18, 1997 deadline.

If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at [redacted].

LN:ss
Attachment(s)

Response:

( ) We have no comments
( ) We have no objections
( ) Comments attached

Contact Person: ___________________________ Phone: ___________________________

Signed: ___________________________ Date: ___________________________
TO:                  Honorable Kali Watson, Chairperson  
                        Department of Hawaiian Home Lands  

                        Honorable Lawrence Miike, Director  
                        Department of Health  

                        Honorable Clayton H. W. Hee, Chairperson  
                        Office of Hawaiian Affairs  

                        Ms. Esther Ueda, Executive Officer  
                        Land Use Commission  

                        Mr. Raymond Sato, Manager & Chief Engineer  
                        Honolulu Board of Water Supply  

                        Mrs. Cheryl D. Soon, Chief Planning Officer  
                        Planning Department  

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

SUBJECT:             Water Use Permit Application  
                        Waipahu-Waiawa Ground Water Management Area, Oahu  

Transmitted for your review and comment is a copy of a water use permit application for  
for Well No. 2201-02. Public notice of this application will be published in the  

We would appreciate your review of the proposed use that is described in the attached  
application for any conflicts or inconsistencies with the land use designations, plans, policies,  
programs, or objectives specific to your organization or department only. Please respond by  
returning this cover memo form by February 18, 1997.  

If you have any questions, require additional information, or would like to request an  
extension of the review period for this application, please contact Lenore Nakama[REDACTED].  

LN:ss  
Attachment(s)  
Response:  

( ) We have no comments  
( ) We have no objections  
( ) Comments attached  

Contact Person: [REDACTED]  
Signed: [REDACTED]  
Phone: [REDACTED]  
Date: [REDACTED]
TO: Mr. Patrick Onishi, Director  
Department of Land Utilization

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

SUBJECT: WATER USE PERMIT APPLICATION  
Waipahu-Waiawa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for Well No. 2201-02. Public notice of this application will be published in the Honolulu Advertiser issues of January 28, 1997 and February 3, 1997.

We would appreciate your review of the proposed use that is described in the attached application (i.e. line item 6 or Table 1). Specifically, we request that you inform us of the current zoning designation for the TMK parcel, or portion thereof, for the proposed use area(s) and, secondly, whether the current zoning designation is appropriate for the proposed water use.

We have attached a TMK map(s) that covers the proposed use area(s). Where water is proposed for use on only a portion of a TMK parcel, or on parcels with multiple zoning, the proposed use area(s) has been clearly delineated on the attached map. Please respond by returning this cover memo along with your review comments by February 18, 1997.

If you have any questions, require additional information, or would like to request an extension of the review period for this application, please contact Lenore Nakama at [Contact Information]

LN:ss  
Attachment(s)

Response:

( ) The proposed water use(s) is consistent with the current zoning designation(s).  
( ) Comments attached

Contact Person: ___________________________ Phone: ___________________________

Signed: ___________________________ Date: ___________________________
Honorable Jeremy Harris, Mayor  
City & County of Honolulu  
City Hall  
Honolulu, HI 96813  

Dear Mayor Harris:

Notice of an Application for Water Use Permit  
Waipahu-Waiawa Ground Water Management Area, Oahu

In accordance with the Department of Land and Natural Resources Administrative Rules, Section 13-171-17(a), we are sending you a copy of the public notice for the water use permit application for Gary Takiguchi for Well No. 2201-02, which will be published in the Honolulu Advertiser.

In addition, Section 13-171-13(b), of our Administrative Rules, states:

"Within sixty days after receipt of notice of a permit application, the county shall inform the commission if the proposed use is inconsistent with the county land use plans and policies."

We have attached a copy of the application for your review and would appreciate receiving your comments, within the next sixty (60) days, on whether this water use is consistent with county plans and policies.

Very truly yours,

MICHAEL D. WILSON  
Chairperson

Enclosures
PUBLIC NOTICE

Application for Water Use Permit

Waipahu-Waiawa Ground Water Management Area, Oahu

The following application for water use permit has been received and is hereby made public in accordance with Department of Land and Natural Resources Administrative Rules 13-171, "Designation and Regulation of Water Management Areas."

Honouliuli (Well No. 2201-02)

Applicant: P.O. Box 1346
Ewa, HI 96706
The Estate of James Campbell
1001 Kamokila Blvd.
Kapolei, HI 96707

Date Completed Application Received: January 8, 1997
Aquifer: Waipahu-Waiawa System, Pearl Harbor Sector, Oahu
Water Source: Honouliuli Well (Well No. 2201-02) at Honouliuli, Ewa, Oahu, Tax Map Key 9-1-20:11
Quantity Requested: 20,300 gallons per day.
Existing Water Use: Domestic (7 residences) and agriculture (4.8 acres vegetable)
Place of Water Use: Honouliuli, Ewa, Oahu at Tax Map Key: 9-1-20:4,10,11,12

Written objections or comments on the above application may be filed by any person who has property interest in any land within the hydrologic unit of the source of water supply, any person who will be directly and immediately affected by the proposed water use, or any other interested person. Written objections shall: (1) state property or other interest in the matter (provide TMK information); (2) set forth questions of procedure, fact, law, or policy, to which objections are taken; and (3) state all grounds for objections to the proposed permit. Written objections must be received by February 18, 1997. Objections must be sent to 1) the Commission on Water Resource Management, P.O. Box 621, Honolulu, Hawaii 96809 and 2) the applicant at the above address.

COMMISSION ON WATER RESOURCE MANAGEMENT

RAE M. LOUI, Deputy Director for
MICHAEL D. WILSON, Chairperson

Dated: JAN 15 1997

APPLICATION FOR WATER USE PERMIT

 Permittee Information

1. (a) Applicant

   Firm/Name: ____________________________
   Contact Person: ________________________
   Address: P.O. Box 1346
              Ewa, HI 96706
   Phone: __________________ Fax: __________

2. (b) Landowner of Source

   Firm/Name: The Estate of James Campbell
   Contact Person: Donna Goth
   Address: 1001 Kamokila Blvd.
              Kapolei, HI 96707
   Phone: 674-3229 Fax: 674-3111

Source Information

3. (a) Existing Well/Diversion Name and State Number: Honouluili Well No. 2201-02

4. (b) Proposed (New) Well/Diversion Name:

5. (c) Location: Address: Honouluili, Ewa, Oahu

   Tax Map Key: 91.120:J22

   (Attach a USGS map, scale 1"=2000', and a property tax map showing source location referenced to established property boundaries.)

Use Information

6. Location of Proposed Water Use: (If possible, show on same maps as source location. Otherwise, attach similar maps)

   (a) PUC-Regulated System □ Intended Dedication to Dept/Board of Water Supply □ Non-PUC-Regulated Private System

   (b) Proposed use of water is: □ Existing □ New □ Both existing & new uses

   (c) Tax Map Key: __________

   (d) Address: Honouluili, Ewa, Oahu

   (e) Current State Land Use District(s):  □ Urban □ Agriculture □ Conservation □ Rural

   (f) Current County Zoning District(s): R-5

7. Quantity of Water Requested: 20,300 gallons per day (averaged over 1 year)

8. Method of Measurement: □ Flowmeter □ Open-pipe □ Weir □ Orifice □ Other (explain)

9. Quality of Water Requested: □ Fresh □ Brackish □ Salt □ Potable □ Non-Potable

10. Proposed Use: □ Municipal (including hotels, stores, etc.) □ Individual Domestic □ Irrigation

      □ Industrial □ Military □ Other (explain)

For questions 11 & 12: If multiple TMKs are involved where water is to be used, please complete Table 1 on back of application.

11. Total Number of Residences to be Served: 7 Houses

12. Total Acres to be Irrigated and Type of Crop: 4.80 acres-vegetable crops

13. Proposed Time of Water Withdrawal or Diversion: 24 hours

(doye & hours of operation, ex. 7 a.m. to 2 p.m.)

14. Applicant Must Establish That the Proposed Use of Water:

   (a) Can be accommodated with the available water source.

   (b) Is a reasonable-beneficial use as defined in section 13-171-2, HAR. (see backside of this application)

   (c) Will not interfere with any existing legal use.

   (d) Is consistent with the public interest.

   (e) Is consistent with state and county general plans and land use designations.

   (f) Is consistent with county land use plans and general policies.

15. Remarks, Explanations: (see backside of this application)

NOTE: Signing below indicates that the signatories understand and swear that: 1) the information provided on this application is accurate and true to the best of their knowledge; 2) Item 14 is the responsibility of the applicant prior to Commission approval; 3) If necessary, further information may be required before the application is considered complete; 4) If a water use permit is granted by the Commission, this permit is subject to prior existing permits, changes in sustainable yields and in-stream flow standards, reserved uses as defined by the Commission, and Hawaiian Home Lands future uses; and 5) Upon permit approval, a water shortage plan must be submitted by the applicant should the Commission require one.

Applicant (print)

Signature ____________________________ Date 11/4/197

Landowner (sign)

Signature ____________________________ Date 11/4/7

WUPA FORM (9/27/99)
"Reasonable-beneficial use" means the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is not wasteful and is both reasonable and consistent with the state and county land use plans and the public interest.

15. REMARKS, EXPLANATIONS (cont'd):

#8 = Estimated by pump capacity.
#14 = To the best of my knowledge, the proposed use will meet all of these conditions.

### TABLE 1. MULTIPLE TMKs TO USE REQUESTED WATER

<table>
<thead>
<tr>
<th>Date</th>
<th>Type</th>
<th>Existence</th>
<th>Water Type</th>
<th>Value</th>
<th>Con. Use</th>
<th>Non-Res. Use</th>
<th>Res. Use</th>
<th>Commercial Use</th>
<th>Irrigation Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-1-20:04</td>
<td>Domestic</td>
<td>Exist.</td>
<td>Potable</td>
<td>R-5</td>
<td>2</td>
<td>500</td>
<td>1,000</td>
<td>1,000</td>
<td>1,000</td>
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<tr>
<td>9-1-20:10</td>
<td>Domestic</td>
<td>Exist.</td>
<td>Potable</td>
<td>R-5</td>
<td>1</td>
<td>500</td>
<td>500</td>
<td>500</td>
<td>500</td>
</tr>
<tr>
<td>9-1-20:11</td>
<td>Domestic</td>
<td>Exist.</td>
<td>Potable</td>
<td>R-5</td>
<td>3</td>
<td>500</td>
<td>1,500</td>
<td>1,500</td>
<td>1,500</td>
</tr>
<tr>
<td>9-1-20:12</td>
<td>Domestic</td>
<td>Exist.</td>
<td>Potable</td>
<td>R-5</td>
<td>1</td>
<td>500</td>
<td>500</td>
<td>500</td>
<td>500</td>
</tr>
<tr>
<td>9-1-20:04</td>
<td>Irrigation</td>
<td>Exist.</td>
<td>Potable</td>
<td>R-5</td>
<td>4.80</td>
<td>3,500</td>
<td>16,800</td>
<td>16,800</td>
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<td>TOTAL QPD</td>
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<td></td>
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</tbody>
</table>

20,300
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT
P. O. BOX 621
HONOLULU, HAWAII 96809

NOV 12 1996

P.O. Box 1346
Ewa, HI 96707

Dear [Name]:

Water Use Permit Application For Well No. 2201-02
Waipahu-Waiawa Ground Water Management Area, Oahu

We acknowledge receipt, on October 22, 1996, of the subject application. We have forwarded the original application to The Estate of James Campbell for their signature as the landowner at the source, which will complete your application.

Upon receipt of the signed application, we will continue to process your application. You will receive a copy of the public notice and any further information regarding your application status.

If you have any questions, please contact Lenore Nakama at [contact information]

Sincerely,

[Signature]

RAE M. LOUI
Deputy Director

LN:ma
The Estate of James Campbell
1001 Kamokila Blvd.
Kapolei, HI 96707

Dear [Name]:

Water Use Permit Application For Well No. 2201-02
Waipahu-Waiawa Ground Water Management Area, Oahu

We are forwarding the water use permit application by Gary Takiguchi for their existing use of Well No. 2201-02, which is located on property belonging to The Estate of James Campbell (original application attached). Your signature as landowner at the source is required to complete the application.

Please review the application and return the original application with your signature to our office for further processing.

If you have any questions, please contact Lenore Nakama at [Contact Information].

Sincerely,

RAE M. LOUI
Deputy Director
APPLICATION FOR WATER USE PERMIT

1. (a) APPLICANT

Name ________________________
Contact Person ________________________
Address ________________________
Phone ________________________
Fax ________________________

(b) LANDOWNER OF SOURCE

Name ________________________
Contact Person ________________________
Address ________________________
Phone ________________________
Fax ________________________

1. SUBJECT

Inform.ation may be true to the best of the applicant's knowledge.

NOTE: Signing below indicates that the signatories understand and swear that: 1) the information provided on this application is accurate and true to the best of the their knowledge; 2) Item 14 is the responsibility of the applicant prior to Commission approval; 3) If necessary, further information may be required before the application is considered complete; 4) If a water use permit is granted by the Commission, this permit is subject to prior existing permitted uses, changes in sustainable yields and instream flow standards, reserved uses as defined by the Commission, and Hawaiian Homelands future uses; and 5) upon permit approval, a water shortage plan must be submitted by the applicant should the Commission require one.

APPLICANT MUST ESTABLISH THAT THE PROPOSED USE OF WATER:

(a) Can be accommodated with the available water source.
(b) Is a reasonable-beneficial use as defined in section 13-171-2, HAR. (see backside of this application)
(c) Will not interfere with any existing legal use.
(d) Is consistent with the public interest.
(e) Is consistent with state and county general plans and land use designations.
(f) Is consistent with county land use plans and general policies.

15. REMARKS, EXPLANATIONS: (see backside of this application)

NOTE: Signing below indicates that the signatories understand and swear that: 1) the information provided on this application is accurate and true to the best of the their knowledge; 2) Item 14 is the responsibility of the applicant prior to Commission approval; 3) If necessary, further information may be required before the application is considered complete; 4) If a water use permit is granted by the Commission, this permit is subject to prior existing permitted uses, changes in sustainable yields and instream flow standards, reserved uses as defined by the Commission, and Hawaiian Homelands future uses; and 5) Upon permit approval, a water shortage plan must be submitted by the applicant should the Commission require one.

Applicant (print) ________________________
Signature ________________________
Date ________________________

Landowner (print) ________________________
Signature ________________________
Date ________________________

APPENDIX FOR WATER USE PERMIT

Ground Water or Surface Water

State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources

APPLICATION FOR WATER USE PERMIT

Instructions: Please print in ink or type and send completed application with attachments plus 15 copies to the Commission on Water Resource Management, P.O. Box 621, Honolulu, Hawaii 96809. Application must be accompanied by a non-refundable filing fee of $25.00 payable to the Dept. of Land and Natural Resources. The Commission may not accept incomplete applications. For assistance, call the Regulation Branch at 587-9235 (neighboring islands), 1-800-468-4644.
"Reasonable-beneficial use" means the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is not wasteful and is both reasonable and consistent with the state and county land use plans and the public interest.

15. REMARKS, EXPLANATIONS (cont’d):

\*\( g \) = estimated by pump capacity.

<table>
<thead>
<tr>
<th>PROJECT NAME</th>
<th>EXISTING or NEW USE</th>
<th>POTABLE or NONPOTABLE</th>
<th>CURRENT COUNTY ZONING CODE</th>
<th>UNITS or NET ACRES</th>
<th>GPD/UNIT or GPD/acre</th>
<th>4-YEAR PROJECTED DEMAND</th>
<th>TOTAL GPD</th>
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</thead>
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<td>9-1-020104 Domestic</td>
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<td>Potable</td>
<td>2</td>
<td></td>
<td></td>
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<td>43,200</td>
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<td>9-1-020102 Domestic</td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>9-1-020104 Irrigation</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

TOTAL GPD
GARY K. TAKIGUCHI
NANCY N. TAKIGUCHI
575-24-3306 576-42-1644
91-1180 Laulaunui St. No. B 681-3260
Ewa Beach, Hawaii 96706

Pay To The Order Of Dept. of Land and Natural Resources $ 25.00

Twenty-five and 00/100 Dollars

INTERNATIONAL SAVINGS

For Water Permit Appli. Nancy N. Takiguchi

Oct. 11, 1996
Dear Mr. Abe:

This follows our letter of October 1, 1996, requesting that you submit an application for a water use permit.

Upon further review of your water use, we have determined that you are an individual domestic user. As such, you are exempt from the water use permit requirement. Please be advised that an application for a water use permit is not necessary. We apologize for any confusion this may have caused you.

If you have any questions, please contact Lenore Nakama at [contact information].

Sincerely,

[Signature]

RAE M. LOUI
Deputy Director
91-1219 Laulaunui Lane
Ewa Beach, HI 96706

Dear [Name]:

Our records show that you are currently sharing the use of a drilled artesian well (Well No. 2201-02) with KFC Lum for domestic supply at six (6) residences (5 of which belong to KFC Lum). Your water source is located in a designated ground water management area on land owned by The Estate of James Campbell. Please be advised that an application for a water use permit should be made and approved by the Commission on Water Resource Management (Commission) to continue your domestic and irrigation water use.

For your information, §174C-48 Hawaii Revised Statutes states:

"No person shall make any withdrawal, diversion, impoundment, or consumptive use of water in any designated water management area without first obtaining a permit from the commission. However, no permit shall be required for domestic consumption of water by individual users, and no permit shall be required for the use of a catchment system to gather water."

We have attached a water use permit application form for your use. We have filled in parts of the application with information from our record. We request that you complete (highlighted areas) and return the application within thirty (30) days from the date of this letter.

If you have any questions, or need help completing the application form, please contact Lenore Nakama at [Contact Information].

Sincerely,

RAE M. LOUI
Deputy Director

LN:ss
Enclosure

[The Estate of James Campbell]
Mr. [Redacted]
P.O. Box 1346
Ewa, HI 96706

Dear [Redacted]:

Our records show that you are currently using a drilled artesian well (Well No. 2201-02) for domestic supply at six (6) residences and for commercial irrigation supply for 4 acres of banana, ginger, and various vegetables. Your water source is located in a designated ground water management area on land owned by The Estate of James Campbell. Please be advised that an application for a water use permit should be made and approved by the Commission on Water Resource Management (Commission) to continue your domestic and irrigation water use.

For your information, §174C-48 Hawaii Revised Statutes states:

"No person shall make any withdrawal, diversion, impoundment, or consumptive use of water in any designated water management area without first obtaining a permit from the commission. However, no permit shall be required for domestic consumption of water by individual users, and no permit shall be required for the use of a catchment system to gather water."

We have attached a water use permit application form for your use. We have filled in parts of the application with information from our record. We request that you complete (highlighted areas) and return the application within thirty (30) days from the date of this letter.

If you have any questions, or need help completing the application form, please contact Lenore Nakama at [Redacted]

Sincerely,

RAE M. LOUI
Deputy Director

LN:ss
Enclosure

c: [Redacted], The Estate of James Campbell
FIELD MEMORANDUM

DECLARANT (File Reference): [Redacted] and [Redacted]

SITE VISIT DATE: July 29, 1996

PRESENT: [Redacted] and [Redacted]

Susan Swanson, CWRM.

SOURCE(S): [Redacted] Well □ Diversion □ Other

Declared: [Redacted] 3 hp pump elec pump, capacity 30 gpm, domestic use for 6 houses and irrigation for vegetables and flowers. Well was there when bought in Sept 30, 1930.

Declared: TADAO ABE: 1 hp pump elec pump, capacity 25 gpm, domestic use and irrigation 0.25 acre of vegetable crops.

Declared: LUM KCP: 1-1/2 hp pump elec pump, capacity 30 gpm, domestic used for 5 dwellings.

No declaration for present owner Labadisos and previous owner Shibuya.

FIELD FINDINGS:

1.) Drilled artesian well (Well no 2201-02) serves four families. Well casing 10 inch diameter with 3-2" pvc lines (see photo) that serves three different users. Each user have their own pump.

   a.) [Redacted] connects one of the 3-2" line to his 5 hp capacity electric pump. From the electric pump, a 1.5" pvc pipe is used to carry water into a pressure tank.

   b.) [Redacted] uses one of the 3 2" line to his 1 hp capacity electric pump.

   c.) [Redacted] shares ABE TADAO 2" line by connecting a line to his. She also uses a 1.5 hp electric pump to draw water to her pressure tank.

   d.) LABADISOS family uses the third 2" line from well. Size of pump unknown.

2.) The well is being share by four families (see schematic drawing), each of whom have their own pressure tank.

3.) Water was seen on this day seeping out of the flange capped casing.

4.) See attached sheet for well specification.

5.) See attached schematic drawing for well and pipeline layout.

USES(S): Description of use: Water is presently use for domestic and irrigation for four families:

1.) [Redacted]: Domestic...6 houses with 17 people.

   Irrigation approx...4 acres for banana, ginger and various vegetable.

2.) [Redacted]: Domestic...1 house with 2 people.

   Irrigation: lawn and small vegetable garden. He shares his line with [Redacted].

3.) [Redacted]: Domestic...5 houses with 20 people. (see schematic drawing for pipeline layout.)
Irrigation...lawn and small vegetable garden.

4.) Fourth family, Labadisos did not declare use. On verification day no verbal information was obtained. Labadisos Family water source is on the third PVC line out of well. Through visual observation, water is serving 2 houses, occupants unknown.

QUANTITY of WATER USE: No calculation done.

LOCATION OF SOURCE and USE:

SOURCE (CAMPBELL ESTATE) T.M.K. (1) 9-1-20:022

OWNERSHIP: James Campbell Estate

LONG. see attached sheet

LAT.

USE(s) T.M.K. (1) 9-1-20:004,011 OWNERSHIP: [redacted]

USE(s) T.M.K. (1) 9-1-20:010,009,015 OWNERSHIP: [redacted] and [redacted]

USE(s) T.M.K. (1) 9-1-20:018 OWNERSHIP: [redacted]
WATER USE PERMIT NO. 495

This report has been prepared in accordance with 13-171-22(b) of the Hawaii Revised Statutes requiring a 20-year review of issued water use permits to determine permit compliance. Following is a summary of permit information, site characteristics, methodology, findings, and recommendations for this State permit file.

**Permit Information**

- **Water User:** 91-1219 Laulaunui Ln.
  Ewa Beach, HI 96706
- **Landowner of Source:** Campbell Estate
  1001 Kamokila Blvd.
  Kapolei, HI 96707
- **Permitted Withdrawal Rate:** 0.002 mgd (Based upon a 12-month moving average)
- **Water Management Area:** Waipahu-Waiawa
- **Island:** Oahu
- **Aquifer Sector/System:** Pearl Harbor/Waipahu-Waiawa
- **System Sustainable Yield:** 104 mgd
- **Water Type:** Potable
- **Original CWRM Date:** August 26th, 1998
- **Standard Conditions:** 1-20, 22
- **Special Conditions:** 1-2, 6, 65

**Water Source**

- **State Well Number(s):** 2201-02
- **Well Name:** Honouliuli
- **Water Source TMK Number(s):** 1st Division, 9-1-020:022
- **State Land Use Classification(s):** Urban
- **County Zoning Classification(s):** R-5
- **Geographical Coordinates:**
  - Latitude 21° 22' 04.6" North
  - Longitude 158° 01' 43.9" West

**End Use**

- **End Use TMK Number(s):** 1st Division, 9-1-020:010
- **State Land Use Classification(s):** Urban
- **County Zoning Classification(s):** R-5
Beneficial Use Explanation: Domestic use for 1 residence and 0.25 acres of diversified agriculture

Background Information

State Well No. 2201-02 was originally governed by Water Use Permit 457, which was approved during the March 19th, 1997 Commission on Water Resource Management meeting. In August of 1998, Water Use Permit 457 was superseded by Water Use Permits 495 and 500, which split the previous allocation of 0.020 mgd into separate allocations of 0.019 mgd and 0.002 mgd. Water Use Permit 495 governs the 0.002 mgd allocation. There is a completely different permit (WUP 500), which is issued to a separate permittee for use from the same well that governs the 0.019 mgd allocation.

Water Use Permit 495 was approved during the August 26th, 1998 Commission on Water Resource Management meeting. This water source has been in use for approximately 60 years by the Abe family. Standard conditions 1-20 & 22 and special conditions 1-2, 6, & 65 are the governing conditions for this water use permit. A complete list of all standard and special conditions is given in the final summary report to the Legislature for this 20-year Water Use Permit Review.

Field Investigation Information

Contact: 
Site Address: 91-1219 Laulaunui Ln. Ewa Beach, HI 96706

Brown and Caldwell conducted a field investigation on March 12th, 2008 from 10:00 a.m. until 11:00 a.m. with Mr. Thomas Abe. During this time, type of water usage was verified, GPS coordinates of well head(s) were recorded, flow meter installation and functionality were documented, and property TMK information was verified. The wellhead, its related appurtenances, and water usage area were visually inspected to assess compliance with permit conditions. Visual inspection of water loss/waste was limited to outdoor areas within the usage boundary. Reference the TMK and GIS maps in the permit file for a visual representation of the site.

Summary of Findings for Water Use Permit No. 495

State Well No. 2201-02 is located on TMK parcel 9-1-020:022 at 21° 22' 04.6" N, 158° 01' 43.9" W, with a real time accuracy of ±16 feet. The artesian well is spilling water out from around the wellhead and into a concrete sump that houses the well. From the sump, water flows through an
overflow pipe, underneath a narrow driveway, and into a natural wetland area. The permittee has advised that an attempt to seal the well to stop this artesian flow was unsuccessful. It is the opinion of Brown & Caldwell that this source of water loss is not a result of permittee negligence.

There are three intake pipes that draw from the well and send water to various TMK parcels in the vicinity. Water from this well is used for domestic purposes and irrigation of agriculture on TMK parcels 9-1-020:004, 9-1-020:009, 9-1-020:010, 9-1-020:011, 9-1-020:012, 9-1-020:015, and 9-1-020:018. Parcels 004, 011, and 012 are serviced by the first intake and are permitted end use locations under Water Use Permit 500. Parcel 010 is serviced by the second intake and is a permitted end use location under Water Use Permit 495. The permittees for WUP's 495 and 500 advised that parcels 009, 015, and 018 are serviced by the third intake pipe. However, further investigation has revealed that no permit exists to govern water use on these parcels.

A pumphouse on TMK parcel 9-1-020:010 houses the well pump for the second intake pipe. Water is drawn from the well and sent into a 3-ft. diameter, 7-ft high storage tank. From the tank, it is distributed to the one residence and 0.25 acres of diversified agriculture on TMK parcel 9-1-020:010. Reference the Appendix for photographs of the previously described system components.

The following are a list of standard condition(s) that the permittee is found to be in non-compliance with:

(10) An approved flowmeter must be installed to measure monthly withdrawals and a month record of withdrawals, salinity, temperature, and pumping times must be kept and reported to the Commission on Water Resource Management on forms provided by the Commission on a monthly basis.

After inspection, it was found that State Well No. 2201-02 is drawing water without an installed flowmeter. The permittee has advised that an agreement was made with the State in the past to exempt the need for a flowmeter and monthly water use reporting. However, there is no indication of such an agreement in the permit records.

Recommendations

- Address the following discrepancies between the Commission’s electronic database and actual field investigation findings:
  - Change permittee name and contact to Thomas Abe at (808) 349-8559
  - State land classifications and county zonings
- Address violation of Standard Condition (10) regarding lack of installation of a system flowmeter and non-reporting of monthly water use.
20-Year Water Use Permit Review
Water Use Permit No. 495

APPENDIX

Field Investigation Photographs
Figure 1 – State Well No. 2201-02

Figure 2 – Artesian overflow from State Well No. 2201-02
Figure 3 - Storage tank
Figure 4 – Well pump and other appurtenances

Figure 5 – Domestic end use
Figure 6 – Diversified agriculture end use
Standard Conditions List

1. The water described in this water use permit may only be taken from the location described and used for the reasonable beneficial use described at the location described above. Reasonable beneficial uses means "the use of water in such a quantity as is necessary for economic and efficient utilization, which is both reasonable and consistent with State and County land use plans and the public interest." (HRS § 174C-3)

2. The right to use ground water is a shared use right.

3. The water use must at all times meet the requirements set forth in HRS § 174C-49(a), which means that it:
   a. Can be accommodated with the available water source;
   b. Is a reasonable-beneficial use as defined in HRS § 174C-3;
   c. Will not interfere with any existing legal use of water;
   d. Is consistent with the public interest;
   e. Is consistent with State and County general plans and land use designations;
   f. Is consistent with County land use plans and policies; and
   g. Will not interfere with the rights of the Department of Hawaiian Home Lands as provided in Section 221 of the Hawaiian Homes Commission Act and HRS § 174C-101(a).

4. The ground-water use here must not interfere with surface or other ground-water rights or reservations.

5. The ground-water use here must not interfere with interim or permanent instream flow standards. If it does, then:
   a. A separate water use permit for surface water must be obtained in the case an area is also designated as a surface water management area;
   b. The interim or permanent instream flow standard, as applicable, must be amended.

6. The water use authorized here is subject to the requirements of the Hawaiian Homes Commission Act, as amended, if applicable.

7. The water use permit application and submittal, as amended, approved by the Commission at its <Insert Date> meeting are incorporated into this permit by reference.

8. Any modification of the permit terms, conditions, or uses may only be made with the express written consent of the Commission.

Variations of Standard Condition (8) are as follows:
   i. Modification of any permit condition shall be approved by the Commission. Modification of any permit condition without notification may result in the revocation of the water use permit.
9. This permit may be modified by the Commission and the amount of water initially granted to the permittee may be reduced if the Commission determines it is necessary to:
   a. Protect the water sources (quantity or quality);
   b. Meet other legal obligations including other correlative rights;
   c. Insure adequate conservation measures;
   d. Require efficiency of water uses;
   e. Reserve water for future uses, provided that all legal existing uses of water as of June, 1987 shall be protected;
   f. Meet legal obligations to the Department of Hawaiian Home Lands, if applicable; or
   g. Carry out such other necessary and proper exercise of the State’s and the Commission’s police powers under law as may be required.

Prior to any reduction, the Commission shall give notice of its proposed action to the permittee and provide the permittee an opportunity to be heard.

10. An approved flowmeter(s) must be installed to measure monthly withdrawals and a monthly record of withdrawals, salinity, temperature, and pumping times must be kept and reported to the Commission on Water Resource Management on forms provided by the Commission on a monthly basis (attached).

Variations of Standard Condition (10) are as follows:
   i. The applicant shall keep monthly pumpage estimates to be submitted annually to the Commission.
   ii. An approved flowmeter(s) need not be installed to measure monthly withdrawals and a monthly record of withdrawals, salinity, temperature, and pumping times must be kept and reported to the Commission on Water Resource Management on forms provided by the Commission on a yearly basis (attached).
   iii. An approved flowmeter(s) must be installed to measure withdrawals and a monthly record of withdrawals, water-levels, salinity, and temperature must be kept and reported to the Commission on a monthly basis in accordance with the Commission's September 16, 1992 action on reporting requirements.
   iv. Approved flowmeters must be installed to measure monthly withdrawals and a monthly record of withdrawals must be kept and reported to the Commission on Water Resource Management on a monthly basis.
   v. An approved flowmeter(s) must be installed to measure monthly withdrawals and a monthly record of withdrawals, salinity, temperature, and pumping times must be kept and reported to the Commission on Water Resource Management on forms provided by the Commission on a quarterly/yearly basis (attached).
   vi. An approved flowmeter shall be installed to measure water withdrawals
   vii. An approved flowmeter(s) must be installed to measure withdrawals; and a record of the withdrawals must be kept and reported to the Department of
Land and Natural Resources, Division of Water and Land Development, P.O. Box 373, Honolulu, HI 96809, on a monthly basis.

viii. Although not stated as a condition of the permit §13-168-7 BAR requires you to keep a record of your monthly total pumpage, water level, salinity, and water temperature. This information must be submitted to the Commission on a regular monthly basis using the enclosed water use report form.

ix. An approved flowmeter shall be installed and the withdrawal from Well 1851-73 shall be recorded and reported to DLNR on a monthly basis by the owner and/or operator of the well.

x. The withdrawals from these wells shall be recorded and reported to the DLNR on a monthly basis by the BWS.

xi. The applicant shall provide and maintain an approved meter or other appropriate device or means for measuring and reporting water usage on a monthly basis.

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

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

11. This permit shall be subject to the Commission’s periodic review of the <Aquifer> Aquifer System’s sustainable yield. The amount of water authorized by this permit may be reduced by the Commission if the sustainable yield of the <Aquifer> Aquifer System, or relevant modified aquifer(s), is reduced.

12. A permit may be transferred, in whole or in part, from the permittee to another, if:
   a. The conditions of use of the permit, including, but not limited to, place, quantity, and purpose of use, remain the same; and
   b. The Commission is informed of the transfer within ninety days.

   Failure to inform the department of the transfer invalidates the transfer and constitutes a ground for revocation of the permit. A transfer, which involves a change in any condition of the permit, including a change in use covered in HRS § 174C-57, is also invalid and constitutes a ground for revocation.

13. The uses(s) authorized by law and by this permit do not constitute ownership rights.

14. The permittee shall request modification of the permit as necessary to comply with all applicable laws, rules, and ordinances that will affect the permittee’s water use.

15. The permittee understands that under HRS § 174C-58(4), that partial or total nonuse, for reasons other than conservations, of the water allowed by this permit for a period of four (4) continuous years or more may result in a permanent revocation as to the amount of water not in use. The Commission and the permittee may enter
into a written agreement that, for reasons satisfactory to the Commission, any period of nonuse may not apply towards the four-year period. Any period of nonuse which is caused by a declaration of water shortage pursuant to section HRS § 174C-62 shall not apply towards the four-year period or forfeiture.

16. The permittee shall prepare and submit a water shortage plan within 30 days of the issuance of this permit as required by HAR § 13-171-42(c). The permittee's water shortage plan shall identify what the permittee is willing to do should the Commission declare a water shortage in the <Aquifer>Ground-Water Management Area.

17. The water use permit shall be subject to the Commission's establishment of instream standards and policies relating to the Stream Protection and Management (SPAM) program, as well as legislative mandates to protect stream resources.

18. The permittee understands that any willful violation of any of the above conditions or any provisions of HRS § 174C or HAR § 13-171 may result in the suspension or revocation of this permit.

19. Special conditions in the attached cover transmittal letter or attached exhibits are incorporated herein by reference.

20. If the ground-water source does not presently exist, the new well shall be completed, i.e. able to withdraw water for the proposed use on a regular basis, within twenty-four (24) months from the date the water use permit is approved.

**Variations of Standard Condition (20) are as follows:**

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

21. This permit may not be transferred or the use rights granted by this permit sold or in any other way alienated. Pursuant to HRS § 174C-59 and the requirements of Chapter 174C, the Commission on Water Resource Management has the authority to allow the transfer of the permit and the use rights granted by this permit in a manner consistent with HRS § 174C-59. Any such transfer shall only occur with the Commission's prior express written approval. Any sale, assignment, lease, alienation, or other transfer of any interest in this permit shall be void.

22. The water use permit granted shall be an interim water use permit, pursuant to HRS § 174C-50. The final determination of the water use quantity shall be made within five (5) years of the filing of the application to continue the existing use.

23. The water use permit shall be issued only after agricultural review.

24. That scheduled adjustments to Oahu Sugar Co. permitted use shall be initiated upon discontinuance of agricultural uses.
25. The issuance of this permit was approved by the Commission on Water Resource Management at its meeting on <Insert Date>.

26. The permit shall be subject to the review by the Attorney General.

27. The permit holder may be required to relinquish this permit at any time or specified time after issuance to the Board of Land and Natural Resources in accordance with Chapter 166 of Title 13.

28. The applicant shall obtain the necessary land acquisition documents from the Hawaii Housing Authority.
Special Conditions List

1. Should an alternate permanent source of water be found for this use, then the Commission reserves the right to revoke this permit, after a hearing.

2. In the event that the tax map key at the location of the water use is changed, the permittee shall notify the Commission in writing of the tax map key change within thirty (30) days after the permittee receives notice of the tax map key change.

3. The applicant shall contact the Environmental Management Division, State Department of Health, at 586-4304, concerning “GUIDELINES APPLICABLE TO GOLF COURSES IN HAWAII” date <Insert Date & Version #>.

4. Standard Condition 10 is emphasized, to report consumption on a regular basis.

5. The applicant may continue this existing use of ground water within the limits approved by the Commission, and the actual issuance of the interim permit shall not be a reason to interrupt this existing use.

6. This interim water use permit shall cease to become interim and shall be subject to HRS § 174C-55 upon administrative review of the quantity within five (5) years, provided that all conditions of the use (including the review of the quantity which shall not be greater than the amount initially granted) remain the same. Enforcement of the allocation limit shall be stayed pending staff’s review and issuance of a permanent water use permit.

7. As-built drawings of the well and pump, and a complete pumping test record shall be submitted within sixty (60) days.

8. In the event the pump tests show that aquifer boundary conditions do not support the requested withdrawals, the Commission reserves the right to amend this permit, after a hearing, to a level that is supported by the pump tests.

9. The existing use may be continued within the levels approved by the Commission, and the actual issuance of the permit document shall not be a reason to interrupt the approved level of use.

10. The filing of an application by Kukui, Inc. for a new or modified water use permit for the Kualapuu Aquifer in excess of 2.0 mgd (total system withdrawal) shall be just cause for re-consideration of this interim permit by the Commission.

11. Upon completion of a new transmission line for the transport of water use by Well #17, the permit shall be modified to reduce the allocation amount by the additional 79,220 gallons per day allocated for use of the Molokai Irrigation System.

12. Within six (6) months from the date of approval of a water use permit for the well, the applicant shall conduct a feasibility study and submit a report describing
alternative sources of nonpotable water for irrigation uses at the resort area. It is suggested that the developer consider use of dual lines in the subdivisions so that effluent may be used in the existing reuse system. Another consideration is the development of brackish water wells in the Kaluakoi Aquifer system for mixing with the effluent generated at the resort.

13. Within six (6) months from the date of approval of a water use permit for the well, the application shall evaluate the filter back discharges into Kakaako Gulch to determine if excessive preventable waste is occurring and identify possible measures to eliminate or reduce such waste. The evaluation shall be conducted in cooperation with the Commission staff and staff of the Department of Health’s Safe Drinking Water Branch, which regulates the drinking water system.

14. Within six (6) months from the date of approval of a water use permit for the well, the applicant shall 1) implement a leakage control and detection system and compete repairs to prevent such leakage and 2) implement use of xeriscaping and low-flow fixtures.

15. Action on the future use portion of the water use permit application for Well #17 (Well No. 0901-01) is deferred pending the establishment of existing uses in the aquifer. Kukui Inc.’s application for uses in excess of those uses existing on July 15, 1992 will be considered “new” uses and will be taken up by the Commission as soon as other existing use applications have been decided. In the interim,
   a. The Commission shall recognize that there is disagreement between the applicant’s staff calculations of reasonable-beneficial existing use
   b. The Applicant will have the burden of proof to show within six (6) months reasonable-beneficial existing use calculations that support the applicant’s request as opposed to staff's calculations.
   c. The Commission’s enforcement of the approved existing use allocation will be suspended for six (6) months.

16. The permittee shall submit a notice of intent and written request to continue the use at least ninety (90) days prior to the expiration of the interim five-year permit.

17. The Commission shall delegate to Maui Department of Water Supply the authority to allocate the use of water for municipal purposes, as provided in §174C-48(b).

18. Maui Department of Water Supply shall be exempt from the requirements for permit modifications, as provided in §174C-57(c).

19. The permittee must meter water use and monitor chloride concentrations on a monthly basis and submit monthly reports of water use and chloride concentrations to the Commission.

20. Standard Condition 16 is waived for saltwater wells.

21. The permit will be revoked if (1) stream monitoring shows that pumping the well reduces stream flow, or (2) the electromagnetic resistivity survey indicates that the
well was drilled into a dike compartment, unless the applicant submits a petition for an amendment to the interim instream flow standard with the well completion report. However, no use of the water may be made without a Pump Installation Permit, which cannot be issued during consideration of the amendment of the interim instream flow standard.

22. The applicant shall present the results of the electromagnetic resistivity survey, pump tests, and stream monitoring to a community meeting as well as to the Commission.

23. A final determination of water use quantity shall be made within five (5) years of the filing date of the application (<Insert Date>) to continue existing use.

24. The applicant shall implement, by December 31, 1995, a biological and hydraulic monitoring program for a minimum 2-year period that: 1) documents the existing operating procedure, 2) seeks to identify the impacts of all operating alternatives on Waikolu Stream, and 3) seeks to identify the effectiveness of weir modifications (Dam No. 1). This program shall incorporate the three new wells, Wells #4-6 (Well Nos. 0855-06, -05, & -04, respectively), which may be pumped within the approved limits, for monitoring and testing purposes only. Further, semi-annual reports summarizing data and preliminary findings shall be submitted to the Commission. It is suggested that the Department of Agriculture work with the State Division of Aquatic Resources and other affected agencies to prepare the monitoring program in light of the difficult technical questions raised by this application. A particular concern is the coordination of this monitoring program with the ongoing National Park Service study by Anne Brasher. A draft of this plan shall be submitted to the Commission staff within ninety (90) days for technical review and comment. Results of the monitoring program shall be used to make recommendations to the Commission on any additional use of the wells, and shall be made readily available to all interested parties.

25. That the Commission approves the well construction permit for the Kamiloloa-Waiola Well (Well No. 0759-01), subject to the standard well construction conditions and the special conditions for the pumping well for the aquifer tests.

26. That the Commission authorizes the Chairperson to approve and issue a pump installation permit upon acceptance of adequate pump test result, subject to the standard pump installation conditions.

27. Should the well be used for back-up domestic supply, applicant is advised to contact DOH or otherwise ensure safe drinking water quality is maintained.

28. The applicant shall follow the agreed monitoring plan.

29. If pesticides used by the applicant are found in ground or surface water and can be traced to the applicant's use, the CWRM may revoke the permit immediately upon such finding.
30. Issuance of the interim permit shall be withheld until the reservation of water for DHHL is set by rule. Applicant may continue this existing use within the approved limits.

31. The applicant shall submit well modification and pump installation permit applications for administrative approval by chairperson prior to beginning any work required to complete well.

32. Should any stream flow impacts result from use, petition to amend interim instream flow standards shall be submitted.

33. Should any dewatering result from use, pumping shall cease immediately.

34. Shall submit accurate schematic diagram of distribution system for the battery of 5 wells.

35. Shall be subject to a 6-month independent audit & monitoring.

36. Final pump capacity shall be determined from pump test results & approved administratively by signature of chair.

37. The permittee shall seek and submit to the Commission within ninety (90) days written confirmation from the Department of Land Utilization of the non-conforming use.

38. Pumping shall cease immediately if the chloride reports show that the brackish water developed in the well exceeds 1,000 mg/l of chloride, unless a variance from the chloride limit has been granted. The authority to approve future variance requests is delegated to the chairperson.

39. The duration of the interim permit shall be:
   a. To July 1, 2006, or
   b. Until treated wastewater is available and acceptable for use, or
   c. Until such time that a significant change in permitted, actual, or projected uses or water supply occurs.

40. Action on any interim permit may be initiated by the Commission or any permittee upon letter request or pursuant to §174C-57 Haw. Rev. Stat. (Modification of permit terms).

41. This permit is approved under the assumption that wastewater will become available for reuse as an alternative supply source.

42. Require adherence to the chloride sampling protocol and the submittal of weekly chloride data. The authority to approve variances from the weekly reporting requirement is delegated to the Chairperson.

43. Require adherence to the Conservation Conditions.
44. In the event a water shortage is declared by the Commission, permittees in the <Insert Aquifer System> shall comply with the <Insert Aquifer System> water shortage plan adopted by the Commission.

45. The permittee shall contact the Department of Health, Clean Water Branch and obtain the necessary discharge permit(s).

46. Permit shall be interim and replaces existing WUP for 2051-07 & 11.

47. Applicant shall submit an acceptable archaeological inventory survey report to DHP. If historic sites affected, a plan to mitigate these affects must be accepted by DHP and completed by applicant.

48. Should the well be used for back-up domestic supply, applicant is advised to contact DOH or otherwise ensure safe drinking water quality is maintained.

49. (The permittee) may report monthly pumpage on yearly basis.

50. Prior to issuance of any permits, must submit filing fee for after-the-fact pump installation permit.

51. The term of this permit shall be twenty years from the date of issuance of the permit with a five-year Board review to determine compliance with the provisions of the permit.

52. The amount of water to be withdrawn under this permit shall be 0.19 mgd, averaged annually, for irrigation use. This permitted use of 0.19 mgd when added to a preserved use of 0.27 mgd amounts to a total of 0.46 mgd, averaged annually, which may be withdrawn from well 1646-01.

53. The use authorized by the permit must not interfered substantially and materially with existing individual household uses and existing uses.

54. The use of this well shall be subject to the shortage and emergency powers of the Board of Land and Natural Resources (BLNR).

55. This permit may be suspended or revoked, in accordance with Chapter 166.

56. The permit holder may be required to relinquish this permit to BLNR, in accordance with Chapter 166

57. The withdrawal from Well 1646-10 shall be recorded and reported to DLNR on a monthly basis by the permittee.

58. In the event that emergency water use occurs, the permittee shall notify the Commission in writing within one (1) day of pumping, to in form the Commission as to the nature of the emergency and the expected duration of the emergency. A water
use report shall also be filed pursuant to Standard Condition 10 and Administrative

59. Note DOH’s requirements related to non-potable water systems (attached to original
permit).

60. Standard Condition 16 requiring the submittal of a water shortage plan is waived.

61. All non-potable spigots and piping shall be clearly labeled as “DO NOT DRINK,
NON-POTABLE” to prevent direct human consumption.

62. Standard Condition 10 is modified. Due to the inability to take water level
measurements, the requirement to measure monthly water levels is waived. In
addition, as long as the U.S. Geological Survey is collecting and analyzing the
chloride content of the well water, the requirement for the permittee to measure and
report chlorides is also waived.

63. Well elevation components must be surveyed by a licensed surveyor and this
information must be submitted to commission prior to issuance of permanent
permit.

64. The permittee shall obtain approvals from the Department of Health and the U.S.
Environmental Protection Agency prior to use of the water.

65. This water use permit, WUP No. <Insert #>, shall supersede WUP No. <Insert #>.

66. WUP No. <Insert #> is revoked

67. Standard Condition 17 is waived.

68. Standard Condition 22 for interim water use permits shall not apply.

69. To supplement our records, we request that you provide a map of the Galbraith Est.
lands west of Wahiawa (2100 ac+) and the associated TMK’s for use area.

70. Deferred action on portion requested for golf course irrigation pending further
refinement of irrigation requirement and a feasibility study for utilization of surface
water sources, including Wahiawa Reservoir.

71. Written justification be provided for any 'cushion' of 0.5 mgd.

72. The water use permit shall be an interim permit. The duration of the interim permit
shall be until treated wastewater is available and acceptable for use. The permittee
shall continue discussions with Honolulu Board of Water Supply regarding the use of
reclaimed water.

73. The permittee is put on notice that this is a qualified approval in that this permit may
be modified or revoked prior to the expiration of the interim permit if the
Commission decides that the use of additional basal ground water for dust control and landscape irrigation is not reasonable-beneficial use.

74. The permittee encouraged to use drought-tolerant landscaping to conserve water.

75. Should the applicant provide written evidence that the county DHCD approves a 20%E exemption for the elderly affordable housing project then the applicant may modify a corresponding portion of their existing aquacultural use to be used by the exemption approved project within the Commission approved water use permit limits under recommendation 5.

76. The applicant shall obtain a water lease/permit from Land Division prior to actual use of the well water.

77. Require the permittee to sign a contract by May 14, 1998 with the City Department of Wastewater Management to buy and use 0.400 mgd of R-1 water for a corresponding reduction in allocation for Well Nos. 1900-02, 17 to 20, and 1901-03.

78. Standard Condition 9 is waived.

79. Standard Condition 10 is modified to exempt the permittee from monthly measurements of salinity and temperature.

80. Standard Condition 10 is waived.

81. Applicant must seek a determination from BLNR and Land Mgt Div as to whether water license required. If required, license must be obtained prior to issuance of permit. If not, permit will be issued w/out further action.

82. Commission defers action on use in excess of 452,000 gpd pending additional info from BWS and further staff analysis.

83. The permit shall be subject to the Commission’s sustainable yield review by December 1990.

84. The Commission shall delegate to the Honolulu Board of Water Supply the authority to allocate the use of water for municipal purposes, in accordance with §174C-48(b) HRS.

85. Honolulu Board of Water Supply shall be exempt from the requirements of permit modifications as provided in §174C-57.

86. BWS must participate in discussions, to be coordinated by Commission Staff, regarding a monitoring program to address impacts to Kaneohe Bay water quality, prior to any action on applications for future municipal uses.

87. A pump installation permit application must be made and approved prior to the installation of a permanent pump.
88. The water withdrawn shall be 0.7 mgd for municipal use.

89. The installed pump capacity of the well shall not be more than 700 gpm or 1.01 mgd.

90. The term of permit shall automatically expire twelve months from the date of issuance.

91. The Honolulu Board of Water Supply may continue to submit monthly water data on their own form, provided that the data are submitted in a format that is acceptable to the Commission staff.

92. Standard Condition 7 shall not apply.

93. Standard Condition 22 shall not apply.

94. Standard Condition 10 is modified to exempt the permittee from monthly measurements of salinity and temperature.

95. This permit shall be subject to conditions providing for stream restoration if the Commission determines that additional water should be returned to the streams.

96. HECO 1 mgd for industrial use

97. Campbell Estate 1 mgd for municipal use through BWS, by separate agreement with HECO

98. BWS 1 mgd for municipal use.

99. The permit shall be subject to the Commission's sustainable yield review by <Insert Date>.

100. The applicant shall obtain the current version of the Department of Health's Guidelines Applicable to Golf Courses in Hawaii. Where relevant and viable, items of the guidelines should be implemented and sustained appropriately. To obtain the current version, contact the Safe Drinking Water Branch, Environmental Management Division at (Honolulu).

101. The future use portion of the application shall be deferred until existing uses in the Koolauloa area are established.

102. The water to be withdrawn under this permit shall be a total of 0.03 mgd (0.02 mgd preserved plus an additional 0.01 mgd permitted use), averaged annually, for domestic and irrigation use.

103. Existing well 1851-09 shall be properly sealed by a licensed drilling contractor. A well modification permit application, enclosed, shall be submitted to the Department for approval of the well sealing. A filing fee for sealing the well will not be required.
104. The permittee is required to test the source using a certified private laboratory and submit the test results to the Commission within three (3) months. The Commission will then forward the results to the Department of Health for their review. The Department of Health recommends that the well be routinely tested for microbiological and chemical parameters thereafter.

105. The permittee is required to submit a completed Registration of Well and Declaration of Water use by <Insert Date>.

106. The permittee shall contact the Department of Health for a written determination on the status of their water system and comply with any Department of Health requirements for monitoring and testing.

107. In the event that the original spring source decontaminates, the new well authorized will be shut down.

108. That within each aquifer the total permitted use shall not exceed the sustainable yield.

109. That any water available for allocation shall be for in-district use.

110. That scheduled reductions to Oahu Sugar Co. permitted use shall be initiated upon final termination of an Osco lease or sub-lease, whichever occurs later.

111. That permits for water use issued in accordance with the proposed schedule shall be interim permits subject to review and adjustment by 1995.

112. That the permit shall be an interim permit for a new use which is afforded to existing users as specified in §13-171-20.

113. That the original allocation of 0.200 mgd shall be taken to hearing for possible revocation at a later date to complete the transfer of the water use permit entirely to Well No. 3407-02. This revocation would reduce the current allocation afforded to the Kunihiro Well (Well No. 3406-06) to zero.

114. This allocation incorporates the unspecified domestic needs of the applicant and therefore necessitates a single meter be installed at the well.

115. Should any impacts to nearby wells or streams be established by the use of this well, the applicant shall address these issues to the satisfaction of the Commission.

116. If an economically feasible nonpotable source is identified, the applicant shall convert to the alternative nonpotable source.

117. The permit shall be subject to the Chairperson’s approval of a water use plan recommending possible measures to prevent or minimize saltwater contamination and establish courses of action to follow should the aquifer become to saline to use.
118. Permittee shall provide the necessary end-use information on the 10th residence to allow regulation of the use under Chapter 174C.

119. Standard Conditions 10 & 18 shall not apply.

120. Standard Condition 10 is modified to exempt the permittee from the requirement to install a flowmeter. Salt water withdrawals may instead be estimated based on pumping capacity and run time.

121. The applicant shall review the existing year long period of pumpage and streamflow data and provide analysis on ground and surface water interaction. Deadline is January 25, 1994.

122. The water use permit for Well Nos. 2301-27 to -32 for 0.75 mgd (WUP No. 419) shall be revoked upon issuance of a pump installation permit for the well.

123. The permittee shall use mulching to decrease evaporative losses and manage irrigation scheduling to minimize water demand.

124. The permittee shall submit a detailed agricultural plan to support any future water use permit application for increased agricultural use at this parcel.

125. If not already obtained, the permittee shall seek and obtain any necessary permits from the Department of Health for the proposed discharge to Malaekahana Stream.

126. Standard Condition 10 is modified to waive the requirement for installing a water meter on Well Nos. 2358-21, 22, and 29. The permittee shall install a water meter on Well No. 2358-26 to measure total monthly flow through the discharge line. This quantity should then be assumed to be the rate of natural flow from the other three wells for monthly reporting purposes.

127. The permit shall be effective upon submittal of documentation by Navy that it has met the DOH requirements for a public system.

128. This WUP shall be subject to Army's application for a WUP to reduce the permitted use of the Army's Schofield Shaft (2901-02 to 04, 10) by 0.208 mgd to a new total of 5.648 mgd. The Army's application shall be submitted within 60 days after the approval of this WUP or this WUP shall be void. Approval of the modification request shall be obtained from the CWRM prior to use of Well No. 3100-02 and issuance of this WUP.

129. Navy shall submit an after-the-fact PIPA, and approval of the permit shall be obtained prior to use of the well.

130. The well shall not be used for drinking water purposes unless it is properly tested and treated.
131. This permit is approved subject to reclaimed water becoming a practical alternative and provided that the Department of Health approves the reuse application.

132. Should any opae ula be recovered in the well water, the permittee shall notify the Division of Aquatic Resources and provide specimens to the Division of Aquatic Resources for analysis.

133. If a single meter at the well is used, the Commission shall allow an additional 1,000 gallons per day to the water use permit amount for the domestic needs of two residences, although a permit for individual domestic consumption is not required. Otherwise, the applicant must provide a meter to separately measure the irrigation consumption.

134. This permit is approved under the requirement that conversion to either: 1) treated wastewater becoming available for reuse as an alternative supply source, provided that Department of Health concerns over the use of treated effluent over the potable water aquifer have been addressed; and/or 2) other nonpotable source becoming available will occur in a timely manner.

135. These permits shall be subject to a review of actual use within four years for possible modification of the permitted amount.

136. The permit shall be reviewed in two (2) years for possible additional revocation due to nonuse.

137. The allocation is based on the projects listed in Exhibit 5 (of Item 10 of the May 20, 1998 Staff Submittal), except for the Queen's Beach GC (TMK 139-11-2,3), Lot 9 (TMK 139-17-51), and Varsity Place (TMK 128-24-35).

138. Kamehameha Schools Bishop Estate/Honolulu Board of Water Supply shall transfer the water use permit within ninety (90) days of the effective date of the transfer of the pump station to the Honolulu Board of Water Supply, pursuant to §174C-59 Hawaii Revised Statutes.

139. The permittee shall ensure that the water is recycled by either directing it into the Waiahole Ditch for use by downstream farmers (subject to the approval of the Agribusiness Development Corporation's Board) or into Waiekele Farm's existing irrigation system.

140. The permittee shall file a completed application to modify WUP No. 758 to reduce the allocation by 0.100 mgd within 60 days. If a completed water use permit modification application is not received within 60 days from this submittal's date, then the subject water use permit application (WUPA No. 767) shall be deemed denied without prejudice without the need for another hearing.

141. The water withdrawn shall be for municipal use. No improvements to the existing sources are required as the existing source capacities are greater than the increase.
142. Water license must be determined through LM.

143. Proposed other uses will be considered at a later date.
Water Use Permit Survey
(Please complete one survey form for each WUP)

WUP Number: 495
Well Number(s): 2201-02

Contact Information (of the person who will be present at site visit):
Name: ____________________________
Phone (for phone interview): ____________ Fax: ____________________________
Email: ____________________________
Best time to reach for phone interview: _______ AM – _______ PM

Property Information (of the water use/well location):
Address: 91-1219 Lakaumui Lane
City: Ewa Beach HI Zip: 96706
Well Location TMK (list all if multiple wells present): 9-1-20; 10
Water Use TMK (list all if used on multiple lots): ____________________________

Water Use/Well Information:
Is the water source currently in use? Yes ☑ No ☐
If no, please explain: ________________________________________________

What are you currently using the water for? (example: “Use for 45 acres of diversified agriculture and 3 residences”):
(1) RESIDENCE, 0.25 acres diversified agriculture use ☑

Is a flow meter installed and working properly? Yes ☐ No ☑
If no, please explain: NONE IN USE PRESENTLY; NONE USED IN PAST 50 YRS.

Do you submit monthly water use reports to the State? Yes ☑ No ☐
If no, please explain: NEVER REQUIRED APARTLY 15,000 GALLONS PER MONTH

Field Investigations:
A representative from Brown and Caldwell will be visiting wells in your area over the next several months between the times of 9:00 am and 5:00 pm. Each site investigation will take approximately 1-2 hours. Please indicate up to three potential days of the week and availability times for an on-site inspection of the well location and verification of water use compliance. The permit holder must provide Brown and Caldwell with at least five (5) working days notice of the need to reschedule.

Option #1 Date (M-F): ____________ Time: 9:00 am ☑ 12:00 pm ☐ 3:00 pm ☐
Option #2 Date (M-F): ____________ Time: 9:00 am ☑ 12:00 pm ☐ 3:00 pm ☐
Option #3 Date (M-F): ____________ Time: 9:00 am ☑ 12:00 pm ☐ 3:00 pm ☐

Once this survey is returned, a Brown and Caldwell representative will be contacting you to conduct a phone interview and finalize the exact date and time of your field investigation. Please fax/mail completed surveys by March 5th, 2008 and direct any questions related to this survey to Mr. Milo Smith of Brown and Caldwell at:
mcsmith@brwncald.com

Received: ____________ Information Updated: ____________ Phone Interview Complete: ____________
Notes/Comments: ____________________________________________________________
Phone Interview

WUP Number: 495 Well Number(s): 2201-02

Contact Name: ___________________________ Phone Number: ________________

Attempt #1: Date/Time: 3/10/09 (2:15) Result: Reached

Attempt #2: Date/Time: N/A Result: N/A

Well Location TMK(s): 9-1-070-004

Water Use TMK(s): 9-1-070-010

Water Source Address: 91-1Z19 Loulaunoi Ln.

City: Ewa Beach Zip Code: 96706

Currently using water source? Yes ☒ No ☐

Notes/Comments:

Use for residence and 0.25 acres of diversified agriculture

How often is the water source being used? Daily ☒ Weekly ☐ Monthly ☐

Notes/Comments:

How long have you been using this water source?: Since approx 1950

Has there been any rezoning of the water source/water use properties? Yes ☐ No ☒

Have you reported the rezoning to the State? Yes ☐ No ☐ N/A ☒

If no, explain:

Scheduled field investigation day/time: 3/12/09 @ 11:00 a.m.

Notes (Special directions, site conditions, potential hazards, general notes, etc.):

Down Loulaunoi Ln. — Bottom of the hill — House on R

Comments To Make:

- Although we prefer that you do not change your scheduled field investigation time, if you require a reschedule, you must provide Brown and Caldwell with at least five (5) working days notice of the need to reschedule.
- A representative from Brown & Caldwell will be making a reminder phone call to you sometime during the week prior to your scheduled field investigation.
- It is very important that you provide access to the site at the day and time agreed upon. Due to a very tight schedule, if you fail to provide access at the agreed upon time and/or do not reschedule with at least a five (5) working day notice, a makeup date will not be allowed.
- If for some reason you don’t know where your well head is located, it would be a good idea to locate it prior to your field investigation to help make the visit go quickly and smoothly.

Interviewed By: M.S. Date: 3/10/09 Time: 2:15
Field Investigation Checklist

WUP Number: 495
Well Number(s): 2201-02

Water Source
Well Location TMK(s): a-1-020: 022
Well Head GPS Coordinates: Latitude: 21°22’04.6” N Longitude: 150°01’43.9” W
Well Type: Artesian

Currently using water source?
Notes/Comments: Yes No

Is there a flow meter installed?
Is the flow meter operational
Notes/Comments: Yes No

Water Use
Water Use TMK(s): a-1-020: 004, a-1-020: 011, a-1-020: 012, a-1-020: 029,
a-1-020: 015, a-1-020: 020, a-1-020: 026

What is the water being used for?

Is the water being used within the permitted boundaries?
If no, explain

Is there any observed wasting of water or water loss?
If no, explain

Are the permit conditions being complied with?
If no, explain: No flowmeter/water use reports; permittee advises that the State has already exempted them from this requirement.

Other
Photographs of: Water Source X Water Meter
Use Area X Pump/Motor

General Notes/Comments:

TMK’s 9-1-020: 004, 9-1-020: 011, 9-1-020: 012 are permitted under WUP 500

TMK 9-1-020: 015 permitted under this WUP

The other three TMK’s are not permitted under either permit

Investigated By: M.S. Date: 3/12/06 Time: 11:00 a.m.
Dear:

Approval of Modified Water Use Permit for Well No. 2201-02
Waipahu-Waiawa Ground-Water Management Area, Oahu

This letter transmits your modified interim five-year water use permit for Honouliuli Well (Well No. 2201-02) for use of 0.002 million gallons per day (mgd) of water on a 12-month moving average basis that was approved by the Commission on Water Resource Management (Commission) on August 26, 1998. As part of the Commission’s approval, the following special conditions were added and are part of your permit under Standard Permit Condition 20:

**Special Conditions**

a. Should an alternate permanent source of water be found for this use, then the Commission reserves the right to revoke this permit, after a hearing.

b. This interim water use permit shall cease to become interim and shall be subject to Haw. Rev. Stat. §174C-55 upon administrative review of the quantity within 5 years, provided that all conditions of the use (including the review of the quantity which shall not be greater than the amount initially granted) remain the same.

c. In the event that the tax map key at the location of the water use is changed, the permittee shall notify the Commission in writing of the tax map key change within thirty (30) days after the permittee receives notice of the tax map key change.

d. This water use permit, WUP No. 495, shall supersede WUP No. 457.

Enclosed with this letter of approval are the following:

1. Your water use permit

2. Your official monthly water use report form
Please be sure to read the conditions of your approved permit. If you accept these terms, please sign and return one copy of this permit to the Commission and retain a copy for your record.

We draw your attention to two key conditions of your permit that require your response. First, you are required to keep a record of your monthly total pumpage, water level, salinity, and water temperature. This information must be submitted to the Commission on a regular annual basis using the enclosed water use report form. You should make copies of the enclosed report form as needed.

Second, you are required to submit a water shortage plan to the Commission within thirty (30) days of the issuance date of this permit. Your water shortage plan simply identifies what you are willing to do should the Commission declare a water shortage situation in the Waipahu-Waiawa Ground-Water Management Area and can be as short as a one page letter. In a water shortage situation, the Commission may require temporary reductions in pumpage from all sources. The Commission is required, by law, to formulate a plan to implement such area-wide reductions, which should accommodate, include, and be consistent with your plans. Therefore, your help, by submitting your water shortage plan, is greatly needed in formulating the Commission's overall Water Shortage Plan.

If you have any questions, please call the Commission staff at [number].

Aloha,

MICHAEL D. WILSON
Chairperson

Attachments
GROUND-WATER USE PERMIT
WUP NO. 495

PERMITTEE

Permittee/Water User
Address: 91-1219 LAULAUNUI LANE

Landowner of Source
Address: The Estate of James Campbell

PERMITTED SOURCE INFORMATION

Island: Oahu
Water Management Area: Waipahu-Waiawa
Aquifer Sector: Pearl Harbor
Aquifer System: Waipahu-Waiawa
System Sustainable Yield: 119 mgd
Well Name: Honouliuli
State Well No.: 2201-02

PERMITTED USE INFORMATION

Reasonable beneficial use: Domestic; Irrigation
Withdrawal (12 month moving ave.): 0.002 mgd
Location of water use
TMK #: 9-1-20-10
Address: 91-1219 Laulaunui Lane
State land use classification: Urban
County zoning classification: R-5

Pursuant to Hawaii's State Constitution, Article XI, Section 7, Hawaii Revised Statutes, Chapter 174C; Hawaii Administrative Rules, Chapters 13-167 through 13-171; and Hawaii decisional law and custom, the permittee is hereby authorized to use ground water from the sources and in the amount and from and upon the locations described above; subject however, to the requirements of law including but not limited to the following conditions:
1. The water described in this water use permit may only be taken from the location described and used for the reasonable beneficial use described at the location described above. Reasonable beneficial uses means "the use of water in such a quantity as is necessary for economic and efficient utilization which is both reasonable and consistent with State and County land use plans and the public interest." (HRS § 174C-3)

2. The right to use ground water is a shared use right.

3. The water use must at all times meet the requirements set forth in HRS § 174C-49(a), which means that it:
   a. Can be accommodated with the available water source;
   b. Is a reasonable-beneficial use as defined in HRS § 174C-3;
   c. Will not interfere with any existing legal use of water;
   d. Is consistent with the public interest;
   e. Is consistent with State and County general plans and land use designations;
   f. Is consistent with County land use plans and policies; and
   g. Will not interfere with the rights of the Department of Hawaiian Home Lands as provided in section 221 of the Hawaiian Homes Commission Act and HRS § 174C-101(a).

4. The ground-water use here must not interfere with surface or other ground-water rights or reservations.

5. The ground-water use here must not interfere with interim or permanent instream flow standards. If it does, then:
   a. A separate water use permit for surface water must be obtained in the case an area is also designated as a surface water management area;
   b. The interim or permanent instream flow standard, as applicable, must be amended.

6. The water use authorized here is subject to the requirements of the Hawaiian Homes Commission Act, as amended, if applicable.

7. The water use permit application and submittal, as amended, approved by the Commission at its August 26, 1998 meeting are incorporated into this permit by reference.

8. Any modification of the permit terms, conditions, or uses may only be made with the express written consent of the Commission.

9. This permit may be modified by the Commission and the amount of water initially granted to the permittee may be reduced if the Commission determines it is necessary to:
   a. Protect the water sources (quantity or quality);
   b. Meet other legal obligations including other correlative rights;
   c. Insure adequate conservation measures;
   d. Require efficiency of water uses;
   e. Reserve water for future uses, provided that all legal existing uses of water as of June, 1987 shall be protected;
   f. Meet legal obligations to the Department of Hawaiian Home Lands, if applicable; or
   g. Carry out such other necessary and proper exercise of the State's and the Commission's police powers under law as may be required.

Prior to any reduction, the Commission shall give notice of its proposed action to the permittee and provide the permittee an opportunity to be heard.

10. If the ground-water source does not presently exist, the new well shall be completed, i.e. able to withdraw water for the proposed use on a regular basis, within twenty-four (24) months from the date the water use permit is approved.

11. An approved flowmeter(s) need not be installed to measure monthly withdrawals and a monthly record of withdrawals, salinity, temperature, and pumping times must be kept and reported to the Commission on Water Resource Management on forms provided by the Commission on a yearly basis (attached).

12. This permit shall be subject to the Commission's periodic review of the Waipahu-Waiawa Aquifer System's sustainable yield. The amount of water authorized by this permit may be reduced by the Commission if the sustainable yield of the Waipahu-Waiawa Aquifer System, or relevant modified aquifer(s), is reduced.
13. A permit may be transferred, in whole or in part, from the permittee to another, if:
   a. The conditions of use of the permit, including, but not limited to, place, quantity, and purpose of the use, remain the same; and
   b. The Commission is informed of the transfer within ninety days.

Failure to inform the department of the transfer invalidates the transfer and constitutes a ground for revocation of the permit. A transfer which involves a change in any condition of the permit, including a change in use covered in HRS § 174C-57, is also invalid and constitutes a ground for revocation.

14. The use(s) authorized by law and by this permit do not constitute ownership rights.

15. The permittee shall request modification of the permit as necessary to comply with all applicable laws, rules, and ordinances which will affect the permittee's water use.

16. The permittee understands that under HRS § 174C-58(4), that partial or total nonuse, for reasons other than conservation, of the water allowed by this permit for a period of four (4) continuous years or more may result in a permanent revocation as to the amount of water not in use. The Commission and the permittee may enter into a written agreement that, for reasons satisfactory to the Commission, any period of nonuse may not apply towards the four-year period. Any period of nonuse which is caused by a declaration of water shortage pursuant to section HRS § 174C-62 shall not apply towards the four-year period of forfeiture.

17. The permittee shall prepare and submit a water shortage plan within 30 days of the issuance of this permit as required by HAR § 13-171-42(c). The permittee's water shortage plan shall identify what the permittee is willing to do should the Commission declare a water shortage in the Waipahu-Waialua Ground-Water Management Area.

18. The water use permit granted shall be an interim water use permit, pursuant to HAR § 13-167-3(6). The final determination of the water use quantity shall be made within five years of the filing of the application.

19. The water use permit shall be subject to the Commission's establishment of instream standards and policies relating to the Stream Protection and Management (SPAM) program, as well as legislative mandates to protect stream resources.

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

21. The permittee understands that any willful violation of any of the above conditions or any provisions of HRS § 174C or HAR § 13-171 may result in the suspension or revocation of this permit.

I have read the conditions and terms of this permit and understand them. I accept and agree to meet these conditions as a prerequisite and underlying condition of my ability to proceed and understand that I do not hold a valid permit until I have signed, dated, and returned the permit to the Commission. I also understand that non-compliance with any permit condition may be grounds for revocation and fines of up to $1000 per day.

Permittee's Signature: __________________________ Date: __________________________

Printed Name: __________________________ Firm or Title: __________________________

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

Attachment
cc: The Estate of James Campbell
WATER USE PERMIT NO. 500

This report has been prepared in accordance with 13-171-22(b) of the Hawaii Revised Statutes requiring a 20-year review of issued water use permits to determine permit compliance. Following is a summary of permit information, site characteristics, methodology, findings, and recommendations for this State permit file.

Permit Information

Water User: P.O. Box 1346
          Ewa, HI 96706

Landowner of Source: Campbell Estate
                     1001 Kamokila Blvd.
                     Kapolei, HI 96707

Permitted Withdrawal Rate: 0.019 mgd (Based upon a 12-month moving average)

Water Management Area: Waipahu-Waiawa

Island: Oahu

Aquifer Sector/System: Pearl Harbor/Waipahu-Waiawa

System Sustainable Yield: 104 mgd

Water Type: Potable

Original CWRM Date: August 26th, 1998

Standard Conditions: 1-20, 22

Special Conditions: 1-2, 6, 65

Water Source

State Well Number(s): 2201-02
Well Name: Honouliuli
Water Source TMK Number(s): 1st Division, 9-1-020:022
State Land Use Classification(s): Urban
County Zoning Classification(s): R-5
Geographical Coordinates: Latitude 21° 22' 04.6'' North
                        Longitude 158° 01' 43.9'' West

End Use

End Use TMK Number(s): 1st Division, 9-1-020:004, 9-1-020:011, 9-1-020:012
State Land Use Classification(s): Urban
County Zoning Classification(s): R-5
Beneficial Use Explanation: Domestic use for 6 residences and irrigation for home gardening purposes

Background Information

State Well No. 2201-02 was originally governed by Water Use Permit 457, which was approved during the March 19th, 1997 Commission on Water Resource Management meeting. In August of 1998, Water Use Permit 457 was superseded by Water Use Permits 495 and 500, which split the previous allocation of 0.020 mgd into separate allocations of 0.019 mgd and 0.002 mgd. Water Use Permit 500 governs the 0.019 mgd allocation. There is a completely different permit (WUP 495), which is issued to a separate permittee for use from the same well that governs the 0.002 mgd allocation.

Water Use Permit 500 was approved during the August 26th, 2008 Commission on Water Resource Management meeting. This water source has been in use for approximately 60 years. Standard conditions 1-20 & 22 and special conditions 1-2, 6, & 65 are the governing conditions for this water use permit. A complete list of all standard and special conditions is given in the final summary report to the Legislature for this 20-year Water Use Permit Review.

Field Investigation Information

Contact: [Contact Information]
Site Address: 91-1180 Lauaunui St., #B
Ewa Beach, HI 96706

Brown and Caldwell conducted a field investigation on March 12th, 2008 from 10:00 a.m. until 11:00 a.m. with Mr. & Mrs. Takiguchi. During this time, type of water usage was verified, GPS coordinates of well head(s) were recorded, flow meter installation and functionality were documented, and property TMK information was verified. The wellhead, its related appurtenances, and water usage area were visually inspected to assess compliance with permit conditions. Visual inspection of water loss/waste was limited to outdoor areas within the usage boundary. Reference the TMK and GIS maps in the permit file for a visual representation of the site.

Summary of Findings for Water Use Permit No. 500

State Well No. 2201-02 is located on TMK parcel 9-1-020:022 at 21° 22’ 04.6” N, 158° 01’ 43.9” W, with a real time accuracy of ±16 feet. The artesian well is spilling water out from around the wellhead and into a concrete sump that houses the well. From the sump, water flows through an overflow pipe, underneath a narrow driveway, and into a natural wetland area. The permittee has
advised that an attempt to seal the well to stop this artesian flow was unsuccessful. It is the opinion of Brown & Caldwell that this source of water loss is not a result of permittee negligence.

There are three intake pipes that draw from the well and send water to various TMK parcels in the vicinity. Water from this well is used for domestic purposes and irrigation of agriculture on TMK parcels 9-1-020:004, 9-1-020:009, 9-1-020:010, 9-1-020:011, 9-1-020:012, 9-1-020:015, and 9-1-020:018. Parcels 004, 011, and 012 are serviced by the first intake and are permitted end use locations under Water Use Permit 500. Parcel 010 is serviced by the second intake and is a permitted end use location under Water Use Permit 495. The permittees for WUP’s 495 and 500 advised that parcels 009, 015, and 018 are serviced by the third intake pipe. However, further investigation has revealed that no permit exists to govern water use on these parcels.

A pump house adjacent to State Well No. 2201-02 houses the well pump for the first intake pipe. Water is drawn from the well and sent into a 4-ft. diameter, 10-ft high storage tank. From the tank, it is distributed to the six residences on TMK parcels 9-1-020:004, 9-1-020:011, and 9-1-020:012. Reference the Appendix for photographs of the previously described system components.

The following are a list of standard condition(s) that the permittee is found to be in non-compliance with:

1. The water described in this water use permit may only be taken from the location described and used for the reasonable beneficial use described at the location described above. Reasonable beneficial uses means “the use of water in such a quantity as is necessary for economic and efficient utilization, which is both reasonable and consistent with State and County land use plans and the public interest.” (HRS § 174C-3).

After inspection, it was found that water is being used on non-permitted TMKs. This is a violation of Standard Condition (1).

10. An approved flowmeter must be installed to measure monthly withdrawals and a month record of withdrawals, salinity, temperature, and pumping times must be kept and reported to the Commission on Water Resource Management on forms provided by the Commission on a monthly basis.

After inspection, it was found that State Well No. 2201-02 is drawing water without an installed flowmeter. The permittee has advised that an agreement was made with the State in the past to exempt the need for a flowmeter and monthly water use reporting. However, there is no indication of such an agreement in the permit records.
Recommendations

• Address the following discrepancies between the Commission’s electronic database and actual field investigation findings:
  o Update water source TMK to 9-1-020:022
• Address violation of Standard Condition (10) regarding lack of installation of a system flowmeter and non-reporting of monthly water use.
• Address violation of Standard Condition (1) and investigate water use from State Well No. 2201-02 on non-permitted TMK parcels 9-1-020:009, 9-1-020:015, and 9-1-020:018.
20-Year Water Use Permit Review
Water Use Permit No. 500

APPENDIX

Field Investigation Photographs
Figure 1 – State Well No. 2201-02

Figure 2 – Artesian overflow on TMK parcel 9-1-020:004
Figure 3 - Well pump

Figure 4 - Pumphouse and storage tank
Figure 5 – Typical end use location
Standard Conditions List

1. The water described in this water use permit may only be taken from the location described and used for the reasonable beneficial use described at the location described above. Reasonable beneficial uses means “the use of water in such a quantity as is necessary for economic and efficient utilization, which is both reasonable and consistent with State and County land use plans and the public interest.” (HRS § 174C-3)

2. The right to use ground water is a shared use right.

3. The water use must at all times meet the requirements set forth in HRS § 174C-49(a), which means that it:
   a. Can be accommodated with the available water source;
   b. Is a reasonable-beneficial use as defined in HRS § 174C-3;
   c. Will not interfere with any existing legal use of water;
   d. Is consistent with the public interest;
   e. Is consistent with State and County general plans and land use designations;
   f. Is consistent with County land use plans and policies; and
   g. Will not interfere with the rights of the Department of Hawaiian Home Lands as provided in Section 221 of the Hawaiian Homes Commission Act and HRS § 174C-101(a).

4. The ground-water use here must not interfere with surface or other ground-water rights or reservations.

5. The ground-water use here must not interfere with interim or permanent instream flow standards. If it does, then:
   a. A separate water use permit for surface water must be obtained in the case an area is also designated as a surface water management area;
   b. The interim or permanent instream flow standard, as applicable, must be amended.

6. The water use authorized here is subject to the requirements of the Hawaiian Homes Commission Act, as amended, if applicable.

7. The water use permit application and submittal, as amended, approved by the Commission at its <Insert Date> meeting are incorporated into this permit by reference.

8. Any modification of the permit terms, conditions, or uses may only be made with the express written consent of the Commission.

Variations of Standard Condition (8) are as follows:
   i. Modification of any permit condition shall be approved by the Commission. Modification of any permit condition without notification may result in the revocation of the water use permit.
9. This permit may be modified by the Commission and the amount of water initially granted to the permittee may be reduced if the Commission determines it is necessary to:
   a. Protect the water sources (quantity or quality);
   b. Meet other legal obligations including other correlative rights;
   c. Insure adequate conservation measures;
   d. Require efficiency of water uses;
   e. Reserve water for future uses, provided that all legal existing uses of water as of June, 1987 shall be protected;
   f. Meet legal obligations to the Department of Hawaiian Home Lands, if applicable; or
   g. Carry out such other necessary and proper exercise of the State's and the Commission's police powers under law as may be required.

Prior to any reduction, the Commission shall give notice of its proposed action to the permittee and provide the permittee an opportunity to be heard.

10. An approved flowmeter(s) must be installed to measure monthly withdrawals and a monthly record of withdrawals, salinity, temperature, and pumping times must be kept and reported to the Commission on Water Resource Management on forms provided by the Commission on a monthly basis (attached).

Variations of Standard Condition (10) are as follows:
   i. The applicant shall keep monthly pumpage estimates to be submitted annually to the Commission.
   ii. An approved flowmeter(s) need not be installed to measure monthly withdrawals and a monthly record of withdrawals, salinity, temperature, and pumping times must be kept and reported to the Commission on Water Resource Management on forms provided by the Commission on a yearly basis (attached).
   iii. An approved flowmeter(s) must be installed to measure withdrawals and a monthly record of withdrawals, water-levels, salinity, and temperature must be kept and reported to the Commission on a monthly basis in accordance with the Commission's September 16, 1992 action on reporting requirements.
   iv. Approved flowmeters must be installed to measure monthly withdrawals and a monthly record of withdrawals must be kept and reported to the Commission on Water Resource Management on a monthly basis.
   v. An approved flowmeter(s) must be installed to measure monthly withdrawals and a monthly record of withdrawals, salinity, temperature, and pumping times must be kept and reported to the Commission on Water Resource Management on forms provided by the Commission on a quarterly/yearly basis (attached).
   vi. An approved flowmeter shall be installed to measure water withdrawals
   vii. An approved flowmeter(s) must be installed to measure withdrawals; and a record of the withdrawals must be kept and reported to the Department of
Land and Natural Resources, Division of Water and Land Development, P.O. Box 373, Honolulu, HI 96809, on a monthly basis.

viii. Although not stated as a condition of the permit §13-168-7 HAR requires you to keep a record of your monthly total pumpage, water level, salinity, and water temperature. This information must be submitted to the Commission on a regular monthly basis using the enclosed water use report form.

ix. An approved flowmeter shall be installed and the withdrawal from Well 1851-73 shall be recorded and reported to DLNR on a monthly basis by the owner and/or operator of the well.

x. The withdrawals from these wells shall be recorded and reported to the DLNR on a monthly basis by the BWS.

xi. The applicant shall provide and maintain an approved meter or other appropriate device or means for measuring and reporting water usage on a monthly basis.

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

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

xi1. This permit shall be subject to the Commission’s periodic review of the <Aquifer> Aquifer System’s sustainable yield. The amount of water authorized by this permit may be reduced by the Commission if the sustainable yield of the <Aquifer> Aquifer System, or relevant modified aquifer(s), is reduced.

xii. A permit may be transferred, in whole or in part, from the permittee to another, if:

a. The conditions of use of the permit, including, but not limited to, place, quantity, and purpose of use, remain the same; and

b. The Commission is informed of the transfer within ninety days.

Failure to inform the department of the transfer invalidates the transfer and constitutes a ground for revocation of the permit. A transfer, which involves a change in any condition of the permit, including a change in use covered in HRS § 174C-57, is also invalid and constitutes a ground for revocation.

xiii. The uses(s) authorized by law and by this permit do not constitute ownership rights.

xiv. The permittee shall request modification of the permit as necessary to comply with all applicable laws, rules, and ordinances that will affect the permittee’s water use.

xv. The permittee understands that under HRS § 174C-58(4), that partial or total nonuse, for reasons other than conservations, of the water allowed by this permit for a period of four (4) continuous years or more may result in a permanent revocation as to the amount of water not in use. The Commission and the permittee may enter
into a written agreement that, for reasons satisfactory to the Commission, any period of nonuse may not apply towards the four-year period. Any period of nonuse which is caused by a declaration of water shortage pursuant to section HRS § 174C-62 shall not apply towards the four-year period or forfeiture.

16. The permittee shall prepare and submit a water shortage plan within 30 days of the issuance of this permit as required by HAR § 13-171-42(c). The permittee’s water shortage plan shall identify what the permittee is willing to do should the Commission declare a water shortage in the <Aquifer>Ground-Water Management Area.

17. The water use permit shall be subject to the Commission’s establishment of instream standards and policies relating to the Stream Protection and Management (SPAM) program, as well as legislative mandates to protect stream resources.

18. The permittee understands that any willful violation of any of the above conditions or any provisions of HRS § 174C or HAR § 13-171 may result in the suspension or revocation of this permit.

19. Special conditions in the attached cover transmittal letter or attached exhibits are incorporated herein by reference.

20. If the ground-water source does not presently exist, the new well shall be completed, i.e. able to withdraw water for the proposed use on a regular basis, within twenty-four (24) months from the date the water use permit is approved.

Variations of Standard Condition (20) are as follows:

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

21. This permit may not be transferred or the use rights granted by this permit sold or in any other way alienated. Pursuant to HRS § 174C-59 and the requirements of Chapter 174C, the Commission on Water Resource Management has the authority to allow the transfer of the permit and the use rights granted by this permit in a manner consistent with HRS § 174C-59. Any such transfer shall only occur with the Commission’s prior express written approval. Any sale, assignment, lease, alienation, or other transfer of any interest in this permit shall be void.

22. The water use permit granted shall be an interim water use permit, pursuant to HRS § 174C-50. The final determination of the water use quantity shall be made within five (5) years of the filing of the application to continue the existing use.

23. The water use permit shall be issued only after agricultural review.

24. That scheduled adjustments to Oahu Sugar Co. permitted use shall be initiated upon discontinuance of agricultural uses.
25. The issuance of this permit was approved by the Commission on Water Resource Management at its meeting on <Insert Date>.

26. The permit shall be subject to the review by the Attorney General.

27. The permit holder may be required to relinquish this permit at any time or specified time after issuance to the Board of Land and Natural Resources in accordance with Chapter 166 of Title 13.

28. The applicant shall obtain the necessary land acquisition documents from the Hawaii Housing Authority.
Special Conditions List

1. Should an alternate permanent source of water be found for this use, then the Commission reserves the right to revoke this permit, after a hearing.

2. In the event that the tax map key at the location of the water use is changed, the permittee shall notify the Commission in writing of the tax map key change within thirty (30) days after the permittee receives notice of the tax map key change.

3. The applicant shall contact the Environmental Management Division, State Department of Health, at 586-4304, concerning “GUIDELINES APPLICABLE TO GOLF COURSES IN HAWAII” date <Insert Date & Version #>.

4. Standard Condition 10 is emphasized, to report consumption on a regular basis.

5. The applicant may continue this existing use of ground water within the limits approved by the Commission, and the actual issuance of the interim permit shall not be a reason to interrupt this existing use.

6. This interim water use permit shall cease to become interim and shall be subject to HRS § 174C-55 upon administrative review of the quantity within five (5) years, provided that all conditions of the use (including the review of the quantity which shall not be greater than the amount initially granted) remain the same. Enforcement of the allocation limit shall be stayed pending staff's review and issuance of a permanent water use permit.

7. As-built drawings of the well and pump, and a complete pumping test record shall be submitted within sixty (60) days.

8. In the event the pump tests show that aquifer boundary conditions do not support the requested withdrawals, the Commission reserves the right to amend this permit, after a hearing, to a level that is supported by the pump tests.

9. The existing use may be continued within the levels approved by the Commission, and the actual issuance of the permit document shall not be a reason to interrupt the approved level of use.

10. The filing of an application by Kukui, Inc. for a new or modified water use permit for the Kualapuu Aquifer in excess of 2.0 mgd (total system withdrawal) shall be just cause for re-consideration of this interim permit by the Commission.

11. Upon completion of a new transmission line for the transport of water use by Well #17, the permit shall be modified to reduce the allocation amount by the additional 79,220 gallons per day allocated for use of the Molokai Irrigation System.

12. Within six (6) months from the date of approval of a water use permit for the well, the applicant shall conduct a feasibility study and submit a report describing
alternative sources of nonpotable water for irrigation uses at the resort area. It is suggested that the developer consider use of dual lines in the subdivisions so that effluent may be used in the existing reuse system. Another consideration is the development of brackish water wells in the Kaluakoi Aquifer system for mixing with the effluent generated at the resort.

13. Within six (6) months from the date of approval of a water use permit for the well, the application shall evaluate the filter back discharges into Kakaako Gulch to determine if excessive preventable waste is occurring and identify possible measures to eliminate or reduce such waste. The evaluation shall be conducted in cooperation with the Commission staff and staff of the Department of Health’s Safe Drinking Water Branch, which regulates the drinking water system.

14. Within six (6) months from the date of approval of a water use permit for the well, the applicant shall 1) implement a leakage control and detection system and compete repairs to prevent such leakage and 2) implement use of xeriscaping and low-flow fixtures.

15. Action on the future use portion of the water use permit application for Well #17 (Well No. 0901-01) is deferred pending the establishment of existing uses in the aquifer. Kukui Inc.’s application for uses in excess of those uses existing on July 15, 1992 will be considered “new” uses and will be taken up by the Commission as soon as other existing use applications have been decided. In the interim,
   a. The Commission shall recognize that there is disagreement between the applicant’s staff calculations of reasonable-beneficial existing use
   b. The Applicant will have the burden of proof to show within six (6) months reasonable-beneficial existing use calculations that support the applicant’s request as opposed to staff’s calculations.
   c. The Commission’s enforcement of the approved existing use allocation will be suspended for six (6) months.

16. The permittee shall submit a notice of intent and written request to continue the use at least ninety (90) days prior to the expiration of the interim five-year permit.

17. The Commission shall delegate to Maui Department of Water Supply the authority to allocate the use of water for municipal purposes, as provided in §174C-48(b).

18. Maui Department of Water Supply shall be exempt from the requirements for permit modifications, as provided in §174C-57(c).

19. The permittee must meter water use and monitor chloride concentrations on a monthly basis and submit monthly reports of water use and chloride concentrations to the Commission.

20. Standard Condition 16 is waived for saltwater wells.

21. The permit will be revoked if (1) stream monitoring shows that pumping the well reduces stream flow, or (2) the electromagnetic resistivity survey indicates that the
well was drilled into a dike compartment, unless the applicant submits a petition for an amendment to the interim instream flow standard with the well completion report. However, no use of the water may be made without a Pump Installation Permit, which cannot be issued during consideration of the amendment of the interim instream flow standard.

22. The applicant shall present the results of the electromagnetic resistivity survey, pump tests, and stream monitoring to a community meeting as well as to the Commission.

23. A final determination of water use quantity shall be made within five (5) years of the filing date of the application (<Insert Date>) to continue existing use.

24. The applicant shall implement, by December 31, 1995, a biological and hydraulic monitoring program for a minimum 2-year period that: 1) documents the existing operating procedure, 2) seeks to identify the impacts of all operating alternatives on Waikolu Stream, and 3) seeks to identify the effectiveness of weir modifications (Dam No. 1). This program shall incorporate the three new wells, Wells #4-6 (Well Nos. 0855-06, -05, & -04, respectively), which may be pumped within the approved limits, for monitoring and testing purposes only. Further, semi-annual reports summarizing data and preliminary findings shall be submitted to the Commission. It is suggested that the Department of Agriculture work with the State Division of Aquatic Resources and other affected agencies to prepare the monitoring program in light of the difficult technical questions raised by this application. A particular concern is the coordination of this monitoring program with the ongoing National Park Service study by Anne Brasher. A draft of this plan shall be submitted to the Commission staff within ninety (90) days for technical review and comment. Results of the monitoring program shall be used to make recommendations to the Commission on any additional use of the wells, and shall be made readily available to all interested parties.

25. That the Commission approves the well construction permit for the Kamiloloa-Waiola Well (Well No. 0759-01), subject to the standard well construction conditions and the special conditions for the pumping well for the aquifer tests.

26. That the Commission authorizes the Chairperson to approve and issue a pump installation permit upon acceptance of adequate pump test result, subject to the standard pump installation conditions.

27. Should the well be used for back-up domestic supply, applicant is advised to contact DOH or otherwise ensure safe drinking water quality is maintained.

28. The applicant shall follow the agreed monitoring plan.

29. If pesticides used by the applicant are found in ground or surface water and can be traced to the applicant's use, the CWRM may revoke the permit immediately upon such finding.
30. Issuance of the interim permit shall be withheld until the reservation of water for DHHL is set by rule. Applicant may continue this existing use within the approved limits.

31. The applicant shall submit well modification and pump installation permit applications for administrative approval by chairperson prior to beginning any work required to complete well.

32. Should any stream flow impacts result from use, petition to amend interim instream flow standards shall be submitted.

33. Should any dewatering result from use, pumping shall cease immediately.

34. Shall submit accurate schematic diagram of distribution system for the battery of 5 wells.

35. Shall be subject to a 6-month independent audit & monitoring.

36. Final pump capacity shall be determined from pump test results & approved administratively by signature of chair.

37. The permittee shall seek and submit to the Commission within ninety (90) days written confirmation from the Department of Land Utilization of the non-conforming use.

38. Pumping shall cease immediately if the chloride reports show that the brackish water developed in the well exceeds 1,000 mg/l of chloride, unless a variance from the chloride limit has been granted. The authority to approve future variance requests is delegated to the chairperson.

39. The duration of the interim permit shall be:
   a. To July 1, 2006, or
   b. Until treated wastewater is available and acceptable for use, or
   c. Until such time that a significant change in permitted, actual, or projected uses or water supply occurs.

40. Action on any interim permit may be initiated by the Commission or any permittee upon letter request or pursuant to §174C-57 Haw. Rev. Stat. (Modification of permit terms).

41. This permit is approved under the assumption that wastewater will become available for reuse as an alternative supply source.

42. Require adherence to the chloride sampling protocol and the submittal of weekly chloride data. The authority to approve variances from the weekly reporting requirement is delegated to the Chairperson.

43. Require adherence to the Conservation Conditions.
44. In the event a water shortage is declared by the Commission, permittees in the <Insert Aquifer System> shall comply with the <Insert Aquifer System> water shortage plan adopted by the Commission.

45. The permittee shall contact the Department of Health, Clean Water Branch and obtain the necessary discharge permit(s).

46. Permit shall be interim and replaces existing WUP for 2051-07 & 11.

47. Applicant shall submit an acceptable archaeological inventory survey report to DHP. If historic sites affected, a plan to mitigate these affects must be accepted by DHP and completed by applicant.

48. Should the well be used for back-up domestic supply, applicant is advised to contact DOH or otherwise ensure safe drinking water quality is maintained.

49. (The permittee) may report monthly pumpage on yearly basis.

50. Prior to issuance of any permits, must submit filing fee for after-the-fact pump installation permit.

51. The term of this permit shall be twenty years from the date of issuance of the permit with a five-year Board review to determine compliance with the provisions of the permit.

52. The amount of water to be withdrawn under this permit shall be 0.19 mgd, averaged annually, for irrigation use. This permitted use of 0.19 mgd when added to a preserved use of 0.27 mgd amounts to a total of 0.46 mgd, averaged annually, which may be withdrawn from well 1646-01.

53. The use authorized by the permit must not interfered substantially and materially with existing individual household uses and existing uses.

54. The use of this well shall be subject to the shortage and emergency powers of the Board of Land and Natural Resources (BLNR).

55. This permit may be suspended or revoked, in accordance with Chapter 166.

56. The permit holder may be required to relinquish this permit to BLNR, in accordance with Chapter 166

57. The withdrawal from Well 1646-10 shall be recorded and reported to DLNR on a monthly basis by the permittee.

58. In the event that emergency water use occurs, the permittee shall notify the Commission in writing within one (1) day of pumping, to in form the Commission as to the nature of the emergency and the expected duration of the emergency. A water
use report shall also be filed pursuant to Standard Condition 10 and Administrative Rule 13-168-7.

59. Note DOH’s requirements related to non-potable water systems (attached to original permit).

60. Standard Condition 16 requiring the submittal of a water shortage plan is waived.

61. All non-potable spigots and piping shall be clearly labeled as “DO NOT DRINK, NON-POTABLE” to prevent direct human consumption.

62. Standard Condition 10 is modified. Due to the inability to take water level measurements, the requirement to measure monthly water levels is waived. In addition, as long as the U.S. Geological Survey is collecting and analyzing the chloride content of the well water, the requirement for the permittee to measure and report chlorides is also waived.

63. Well elevation components must be surveyed by a licensed surveyor and this information must be submitted to commission prior to issuance of permanent permit.

64. The permittee shall obtain approvals from the Department of Health and the U.S. Environmental Protection Agency prior to use of the water.

65. This water use permit, WUP No. <Insert #>, shall supersede WUP No. <Insert #>.

66. WUP No. <Insert #> is revoked.

67. Standard Condition 17 is waived.

68. Standard Condition 22 for interim water use permits shall not apply.

69. To supplement our records, we request that you provide a map of the Galbraith Est. lands west of Wahiawa (2100 ac+) and the associated TMK’s for use area.

70. Deferred action on portion requested for golf course irrigation pending further refinement of irrigation requirement and a feasibility study for utilization of surface water sources, including Wahiawa Reservoir.

71. Written justification be provided for any 'cushion' of 0.5 mgd.

72. The water use permit shall be an interim permit. The duration of the interim permit shall be until treated wastewater is available and acceptable for use. The permittee shall continue discussions with Honolulu Board of Water Supply regarding the use of reclaimed water.

73. The permittee is put on notice that this is a qualified approval in that this permit may be modified or revoked prior to the expiration of the interim permit if the
Commission decides that the use of additional basal ground water for dust control and landscape irrigation is not reasonable-beneficial use.

74. The permittee encouraged to use drought-tolerant landscaping to conserve water.

75. Should the applicant provide written evidence that the county DHCD approves a 201E exemption for the elderly affordable housing project then the applicant may modify a corresponding portion of their existing aquacultural use to be used by the exemption approved project within the Commission approved water use permit limits under recommendation 5.

76. The applicant shall obtain a water lease/permit from Land Division prior to actual use of the well water.

77. Require the permittee to sign a contract by May 14, 1998 with the City Department of Wastewater Management to buy and use 0.400 mgd of R-1 water for a corresponding reduction in allocation for Well Nos. 1900-02, 17 to 20, and 1901-03.

78. Standard Condition 9 is waived.

79. Standard Condition 10 is modified to exempt the permittee from monthly measurements of salinity and temperature.

80. Standard Condition 10 is waived.

81. Applicant must seek a determination from BLNR and Land Mgt Div as to whether water license required. If required, license must be obtained prior to issuance of permit. If not, permit will be issued w/out further action.

82. Commission defers action on use in excess of 452,000 gpd pending additional info from BWS and further staff analysis.

83. The permit shall be subject to the Commission’s sustainable yield review by December 1990.

84. The Commission shall delegate to the Honolulu Board of Water Supply the authority to allocate the use of water for municipal purposes, in accordance with §174C-48(b) HRS.

85. Honolulu Board of Water Supply shall be exempt from the requirements of permit modifications as provided in §174C-57.

86. BWS must participate in discussions, to be coordinated by Commission Staff, regarding a monitoring program to address impacts to Kaneohe Bay water quality, prior to any action on applications for future municipal uses.

87. A pump installation permit application must be made and approved prior to the installation of a permanent pump.
88. The water withdrawn shall be 0.7 mgd for municipal use.

89. The installed pump capacity of the well shall not be more than 700 gpm or 1.01 mgd.

90. The term of permit shall automatically expire twelve months from the date of issuance.

91. The Honolulu Board of Water Supply may continue to submit monthly water data on their own form, provided that the data are submitted in a format that is acceptable to the Commission staff.

92. Standard Condition 7 shall not apply.

93. Standard Condition 22 shall not apply.

94. Standard Condition 10 is modified to exempt the permittee from monthly measurements of salinity and temperature.

95. This permit shall be subject to conditions providing for stream restoration if the Commission determines that additional water should be returned to the streams.

96. HECO 1 mgd for industrial use

97. Campbell Estate 1 mgd for municipal use through BWS, by separate agreement with HECO

98. BWS 1 mgd for municipal use.

99. The permit shall be subject to the Commission’s sustainable yield review by <Insert Date>.

100. The applicant shall obtain the current version of the Department of Health’s Guidelines Applicable to Golf Courses in Hawaii. Where relevant and viable, items of the guidelines should be implemented and sustained appropriately. To obtain the current version, contact the Safe Drinking Water Branch, Environmental Management Division at 808-586-4258 (Honolulu).

101. The future use portion of the application shall be deferred until existing uses in the Koolauloa area are established.

102. The water to be withdrawn under this permit shall be a total of 0.03 mgd (0.02 mgd preserved plus an additional 0.01 mgd permitted use), averaged annually, for domestic and irrigation use.

103. Existing well 1851-09 shall be properly sealed by a licensed drilling contractor. A well modification permit application, enclosed, shall be submitted to the Department for approval of the well sealing. A filing fee for sealing the well will not be required.
104. The permittee is required to test the source using a certified private laboratory and submit the test results to the Commission within three (3) months. The Commission will then forward the results to the Department of Health for their review. The Department of Health recommends that the well be routinely tested for microbiological and chemical parameters thereafter.

105. The permittee is required to submit a completed Registration of Well and Declaration of Water use by <Insert Date>.

106. The permittee shall contact the Department of Health for a written determination on the status of their water system and comply with any Department of Health requirements for monitoring and testing.

107. In the event that the original spring source decontaminates, the new well authorized will be shut down.

108. That within each aquifer the total permitted use shall not exceed the sustainable yield.

109. That any water available for allocation shall be for in-district use.

110. That scheduled reductions to Oahu Sugar Co. permitted use shall be initiated upon final termination of an Osco lease or sub-lease, whichever occurs later.

111. That permits for water use issued in accordance with the proposed schedule shall be interim permits subject to review and adjustment by 1995.

112. That the permit shall be an interim permit for a new use which is afforded to existing users as specified in §13-171-20.

113. That the original allocation of 0.200 mgd shall be taken to hearing for possible revocation at a later date to complete the transfer of the water use permit entirely to Well No. 3407-02. This revocation would reduce the current allocation afforded to the Kunihiro Well (Well No. 3406-06) to zero.

114. This allocation incorporates the unspecified domestic needs of the applicant and therefore necessitates a single meter be installed at the well.

115. Should any impacts to nearby wells or streams be established by the use of this well, the applicant shall address these issues to the satisfaction of the Commission.

116. If an economically feasible nonpotable source is identified, the applicant shall convert to the alternative nonpotable source.

117. The permit shall be subject to the Chairperson's approval of a water use plan recommending possible measures to prevent or minimize saltwater contamination and establish courses of action to follow should the aquifer become to saline to use.
118. Permittee shall provide the necessary end-use information on the 10th residence to allow regulation of the use under Chapter 174C.

119. Standard Conditions 10 & 18 shall not apply.

120. Standard Condition 10 is modified to exempt the permittee from the requirement to install a flowmeter. Salt water withdrawals may instead be estimated based on pumping capacity and run time.

121. The applicant shall review the existing year long period of pumpage and streamflow data and provide analysis on ground and surface water interaction. Deadline is January 25, 1994.

122. The water use permit for Well Nos. 2301-27 to -32 for 0.75 mgd (WUP No. 419) shall be revoked upon issuance of a pump installation permit for the well.

123. The permittee shall use mulching to decrease evaporative losses and manage irrigation scheduling to minimize water demand.

124. The permittee shall submit a detailed agricultural plan to support any future water use permit application for increased agricultural use at this parcel.

125. If not already obtained, the permittee shall seek and obtain any necessary permits from the Department of Health for the proposed discharge to Malaekahana Stream.

126. Standard Condition 10 is modified to waive the requirement for installing a water meter on Well Nos. 2358-21, 22, and 29. The permittee shall install a water meter on Well No. 2358-26 to measure total monthly flow through the discharge line. This quantity should then be assumed to be the rate of natural flow from the other three wells for monthly reporting purposes.

127. The permit shall be effective upon submittal of documentation by Navy that it has met the DOH requirements for a public system.

128. This WUP shall be subject to Army's application for a WUP to reduce the permitted use of the Army's Schofield Shaft (2901-02 to 04, 10) by 0.208 mgd to a new total of 5.648 mgd. The Army's application shall be submitted within 60 days after the approval of this WUP or this WUP shall be void. Approval of the modification request shall be obtained from the CWRM prior to use of Well No. 3100-02 and issuance of this WUP.

129. Navy shall submit an after-the-fact PIPA, and approval of the permit shall be obtained prior to use of the well.

130. The well shall not be used for drinking water purposes unless it is properly tested and treated.
131. This permit is approved subject to reclaimed water becoming a practical alternative and provided that the Department of Health approves the reuse application.

132. Should any opae ula be recovered in the well water, the permittee shall notify the Division of Aquatic Resources and provide specimens to the Division of Aquatic Resources for analysis.

133. If a single meter at the well is used, the Commission shall allow an additional 1,000 gallons per day to the water use permit amount for the domestic needs of two residences, although a permit for individual domestic consumption is not required. Otherwise, the applicant must provide a meter to separately measure the irrigation consumption.

134. This permit is approved under the requirement that conversion to either: 1) treated wastewater becoming available for reuse as an alternative supply source, provided that Department of Health concerns over the use of treated effluent over the potable water aquifer have been addressed; and/or 2) other nonpotable source becoming available will occur in a timely manner.

135. These permits shall be subject to a review of actual use within four years for possible modification of the permitted amount.

136. The permit shall be reviewed in two (2) years for possible additional revocation due to nonuse.

137. The allocation is based on the projects listed in Exhibit 5 (of Item 10 of the May 20, 1998 Staff Submittal), except for the Queen’s Beach GC (TMK 139-11-2,3), Lot 9 (TMK 139-17-51), and Varsity Place (TMK 128-24-35).

138. Kamehameha Schools Bishop Estate/Honolulu Board of Water Supply shall transfer the water use permit within ninety (90) days of the effective date of the transfer of the pump station to the Honolulu Board of Water Supply, pursuant to §174C-59 Hawaii Revised Statutes.

139. The permittee shall ensure that the water is recycled by either directing it into the Waiahole Ditch for use by downstream farmers (subject to the approval of the Agribusiness Development Corporation’s Board) or into Waieke Farm’s existing irrigation system.

140. The permittee shall file a completed application to modify WUP No. 758 to reduce the allocation by 0.100 mgd within 60 days. If a completed water use permit modification application is not received within 60 days from this submittal’s date, then the subject water use permit application (WUPA No. 767) shall be deemed denied without prejudice without the need for another hearing.

141. The water withdrawn shall be for municipal use. No improvements to the existing sources are required as the existing source capacities are greater than the increase.
142. Water license must be determined through LM.

143. Proposed other uses will be considered at a later date.
Water Use Permit Survey
(Please complete one survey form for each WUP)

WUP Number: 607
Well Number(s): 2201-02

Contact Information (of the person who will be present at site visit):
Name: ___________________________ Phone (for phone interview): ______________ Fax: ____________________________
Email: ___________________________
Best time to reach for phone interview: ___-___-__ 9:00 AM or later (usually home in AM)

Property Information (of the water use/well location):
Address: 91-1180 Laulaunui St. #13 (located to 91-1189 #8 Laulaunui)
City: Ewa Beach, HI Zip: 96706
Well Location TMK (list all if multiple wells present): 9-1-10:04, 11, 12
Water Use TMK (list all if used on multiple lots):

Water Use/Well Information:
Is the water source currently in use? Yes ☑ No 
If no, please explain: __________________________________________________________

What are you currently using the water for? (example: “Use for 45 acres of diversified agriculture and 3 residences”):
6 Residences - Domestic (mostly senior citizens) Irrigation - Home gardening - small veg gardens

Is a flow meter installed and working properly? Yes ☑ No 
If no, please explain: Total of 6 homes use the well. There is a total of 11 or less people living in the 6 houses (mostly senior citizens)

Do you submit monthly water use reports to the State? Yes ☑ No ☑ 
If no, please explain: Was told it's not necessary for the amount of water use

Field Investigations:
A representative from Brown and Caldwell will be visiting wells in your area over the next several months between the times of 9:00 am and 5:00 pm. Each site investigation will take approximately 1-2 hours. Please indicate up to three potential days of the week and availability times for an on-site inspection of the well location and verification of water use compliance. The permit holder must provide Brown and Caldwell with at least five (5) working days notice of the need to reschedule.

Option #1 Date (M-F): ☐ Time: 9:00 am ☑ 12:00 pm ☐ 3:00 pm ☐ Option #2 Date (M-F): ☐ Time: 9:00 am ☑ 12:00 pm ☐ 3:00 pm ☐ Option #3 Date (M-F): ☐ Time: 9:00 am ☑ 12:00 pm ☐ 3:00 pm ☐

Once this survey is returned, a Brown and Caldwell representative will be contacting you to conduct a phone interview and finalize the exact date and time of your field investigation. Please fax/mail completed surveys by December 12th, 2007 and direct any questions related to this survey to Mr. Milo Smith of Brown and Caldwell at:
1099 Alakea Street, Suite #2400
Honolulu, HI 96813
Tel: (808) 203-2661
Fax: (808) 533-0226
mcsmith@brwncald.com

For Official Use Only
Received: 12/10/07 Information Updated: 12/13/07 Phone Interview Complete: 3/10/06
Notes/Comments: __________________________________________________________
# Phone Interview

<table>
<thead>
<tr>
<th>WUP Number:</th>
<th>500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Well Number(s):</td>
<td>2201-02</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contact Name:</th>
<th>[redacted]</th>
</tr>
</thead>
</table>

### Attempt #1:
- **Date/Time:** 3/10/06 (2:15)
- **Result:** Reached

### Attempt #2:
- **Date/Time:** n/a
- **Result:** n/a

**Well Location TMK(s):** 9-1-020.004

**Water Use TMK(s):** 9-1-020.004, 9-1-020.010, 9-1-020.012

**Water Source Address:** 911-1160 Lauaunui St. # B

**City:** Ewa Beach

**Zip Code:** 96706

### Currently using water source?
- Yes [x]
- No [ ]

### How often is the water source being used?
- Daily [x]
- Weekly [ ]
- Monthly [ ]

### How long have you been using this water source?
- Approx 60 years

### Has there been any rezoning of the water source/water use properties?
- Yes [ ]
- No [x]

### Have you reported the rezoning to the State?
- Yes [ ]
- No [ ]
- N/A [x]

### If no, explain:
- Not to their knowledge

### Scheduled field investigation day/time:
- 3/12/06 @ 10:00

### Notes (Special directions, site conditions, potential hazards, general notes, etc.):
- Down Lauaunui Ln → Bottom of the hill → On the circle

### Comments To Make:
- Although we prefer that you do not change your scheduled field investigation time, if you require a reschedule, you must provide Brown and Caldwell with at least five (5) working days notice of the need to reschedule.
- A representative from Brown & Caldwell will be making a reminder phone call to you sometime during the week prior to your scheduled field investigation.
- It is very important that you provide access to the site at the day and time agreed upon. Due to a very tight schedule, if you fail to provide access at the agreed upon time and/or do not reschedule with at least a five (5) working day notice, a makeup date will not be allowed.
- If for some reason you don’t know where your well head is located, it would be a good idea to locate it prior to your field investigation to help make the visit go quickly and smoothly.

**Interviewed By:** M.S.  
**Date:** 3/10/06  
**Time:** 2:15
**Field Investigation Checklist**

**WUP Number:** 500  
**Well Number(s):** 2201-02

### Water Source

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Well Location TMK(s):</td>
<td>9-1-020:022</td>
</tr>
<tr>
<td>Well Head GPS Coordinates:</td>
<td>Latitude: 21° 22'.04&quot; N  Longitude: 158° 01'.43&quot; W (± 16 ft)</td>
</tr>
<tr>
<td>Well Type:</td>
<td>Artesian</td>
</tr>
</tbody>
</table>

Currently using water source?  
Yes [ ]  No [x]  
Notes/Comments: Use for domestic, irrigation, agriculture use

Is there a flow meter installed?  
Yes [x]  No [ ]

Is the flow meter operational?  
Yes [x]  No [ ]

Notes/Comments: ____________________________

### Water Use

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
</table>

What is the water being used for?  
Use for domestic irrigation/Ag in small amounts

Is the water being used within the permitted boundaries?  
Yes [x]  No [ ]

If no, explain: ____________________________

Is there any observed wasting of water or water loss?  
Yes [ ]  No [x]  
If no, explain: Artesian well spilling into wetland area on TMK 9-1-020:004: Not a controllable water loss. Permit not at fault.

Are the permit conditions being complied with?  
Yes [x]  No [ ]

If no, explain: 
Permittee was advised that they were told by the state that a flowmeter/monthly reports were not required since their use is so little.

### Other

**Photographs of:**  
Water Source [x]  Usage Area [ ]  
Water Meter [ ]  Pump/Motor [x]

**General Notes/Comments:**  
TMK's 9-1-020:010 permitted for use under WUP 505 (under same well)

**Investigated By:** M.S.  
**Date:** 3/12/06  
**Time:** 10:00 a.m.
Dear [Address]

Approval of Modified Water Use Permit for Well No. 2201-02
Waipahu-Waiawa Ground-Water Management Area, Oahu

This letter transmits your modified interim five-year water use permit for Honouliuli Well (Well No. 2201-02) for use of 0.019 million gallons per day (mgd) of water on a 12-month moving average basis that was approved by the Commission on Water Resource Management (Commission) on August 26, 1998. As part of the Commission’s approval, the following special conditions were added and are part of your permit under Standard Permit Condition 20:

**Special Conditions**

a. Should an alternate permanent source of water be found for this use, then the Commission reserves the right to revoke this permit, after a hearing.

b. This interim water use permit shall cease to become interim and shall be subject to Haw. Rev. Stat. §174C-55 upon administrative review of the quantity within 5 years, provided that all conditions of the use (including the review of the quantity which shall not be greater than the amount initially granted) remain the same.

c. In the event that the tax map key at the location of the water use is changed, the permittee shall notify the Commission in writing of the tax map key change within thirty (30) days after the permittee receives notice of the tax map key change.

d. This water use permit, WUP No. 500, shall supersede WUP No. 457.

Enclosed with this letter of approval are the following:

1. Your water use permit
2. Your official monthly water use report form
Please be sure to read the conditions of your approved permit. If you accept these terms, please sign and return one copy of this permit to the Commission and retain a copy for your record.

We draw your attention to two key conditions of your permit that require your response. First, you are required to keep a record of your monthly total pumpage, water level, salinity, and water temperature. This information must be submitted to the Commission on a regular annual basis using the enclosed water use report form. You should make copies of the enclosed report form as needed.

Second, you are required to submit a water shortage plan to the Commission within thirty (30) days of the issuance date of this permit. Your water shortage plan simply identifies what you are willing to do should the Commission declare a water shortage situation in the Waipahu-Waiawa Ground-Water Management Area and can be as short as a one page letter. In a water shortage situation, the Commission may require temporary reductions in pumpage from all sources. The Commission is required, by law, to formulate a plan to implement such area-wide reductions, which should accommodate, include, and be consistent with your plans. Therefore, your help, by submitting your water shortage plan, is greatly needed in formulating the Commission’s overall Water Shortage Plan.

If you have any questions, please call the Commission staff at [phone number]

Aloha,

[Signature]

MICHAEL D. WILSON
Chairperson

Attachments
GROUND-WATER USE PERMIT
WUP NO. 500

PERMITTEE
Permittee/Water User
Address
P.O. BOX 1346
EWA, HI 96706

Landowner of Source
Address
THE ESTATE OF JAMES CAMPBELL
1001 KAMOKILA BLVD
KAPOLEI, HI 96707

PERMITTED SOURCE INFORMATION
Island
OAHU
Water Management Area
WAIPAHU-WAIWA
Aquifer Sector
PEARL HARBOR
Aquifer System
WAIPAHU-WAIWA
System Sustainable Yield
119 mgd
Well Name
HOUNULIULI
State Well No.
2201-02

PERMITTED USE INFORMATION
Reasonable beneficial use
DOMESTIC; IRRIGATION
Withdrawal (12 month moving ave.)
0.019 mgd
Location of water use
TMK #
9-1-10-04, 11, 12
Address
HOUNULIULI, EWA
State land use classification
URBAN
County zoning classification
R-5

Pursuant to Hawaii's State Constitution, Article XI, Section 7, Hawaii Revised Statutes, Chapter 174C; Hawaii Administrative Rules, Chapters 13-167 through 13-171; and Hawaii decisional law and custom, the permittee is hereby authorized to use ground water from the sources and in the amount and from and upon the locations described above; subject however, to the requirements of law including but not limited to the following conditions:
1. The water described in this water use permit may only be taken from the location described and used for the reasonable beneficial use described at the location described above. Reasonable beneficial uses means "the use of water in such a quantity as is necessary for economic and efficient utilization which is both reasonable and consistent with State and County land use plans and the public interest." (HRS § 174C-3)

2. The right to use ground water is a shared use right.

3. The water use must at all times meet the requirements set forth in HRS § 174C-49(a), which means that it:
   a. Can be accommodated with the available water source;
   b. Is a reasonable-beneficial use as defined in HRS § 174C-3;
   c. Will not interfere with any existing legal use of water;
   d. Is consistent with the public interest;
   e. Is consistent with State and County general plans and land use designations;
   f. Is consistent with County land use plans and policies; and
   g. Will not interfere with the rights of the Department of Hawaiian Home Lands as provided in section 221 of the Hawaiian Homes Commission Act and HRS § 174C-101(a).

4. The ground-water use here must not interfere with surface or other ground-water rights or reservations.

5. The ground-water use here must not interfere with interim or permanent instream flow standards. If it does, then:
   a. A separate water use permit for surface water must be obtained in the case an area is also designated as a surface water management area;
   b. The interim or permanent instream flow standard, as applicable, must be amended.

6. The water use authorized here is subject to the requirements of the Hawaiian Homes Commission Act, as amended, if applicable.

7. The water use permit application and submittal, as amended, approved by the Commission at its August 26, 1998 meeting are incorporated into this permit by reference.

8. Any modification of the permit terms, conditions, or uses may only be made with the express written consent of the Commission.

9. This permit may be modified by the Commission and the amount of water initially granted to the permittee may be reduced if the Commission determines it is necessary to:
   a. Protect the water sources (quantity or quality);
   b. Meet other legal obligations including other correlative rights;
   c. Insure adequate conservation measures;
   d. Require efficiency of water uses;
   e. Reserve water for future uses, provided that all legal existing uses of water as of June, 1987 shall be protected;
   f. Meet legal obligations to the Department of Hawaiian Home Lands, if applicable; or
   g. Carry out such other necessary and proper exercise of the State's and the Commission's police powers under law as may be required.

Prior to any reduction, the Commission shall give notice of its proposed action to the permittee and provide the permittee an opportunity to be heard.

10. If the ground-water source does not presently exist, the new well shall be completed, i.e. able to withdraw water for the proposed use on a regular basis, within twenty-four (24) months from the date the water use permit is approved.

11. An approved flowmeter(s) need not be installed to measure monthly withdrawals and a monthly record of withdrawals, salinity, temperature, and pumping times must be kept and reported to the Commission on Water Resource Management on forms provided by the Commission on a yearly basis (attached).

12. This permit shall be subject to the Commission's periodic review of the Waipahu-Walawa Aquifer System's sustainable yield. The amount of water authorized by this permit may be reduced by the Commission if the sustainable yield of the Waipahu-Walawa Aquifer System, or relevant modified aquifer(s), is reduced.
13. A permit may be transferred, in whole or in part, from the permittee to another, if:
   a. The conditions of use of the permit, including, but not limited to, place, quantity, and purpose of the use, remain the same; and
   b. The Commission is informed of the transfer within ninety days.

   Failure to inform the department of the transfer invalidates the transfer and constitutes a ground for revocation of the permit. A transfer which involves a change in any condition of the permit, including a change in use covered in HRS § 174C-57, is also invalid and constitutes a ground for revocation.

14. The use(s) authorized by law and by this permit do not constitute ownership rights.

15. The permittee shall request modification of the permit as necessary to comply with all applicable laws, rules, and ordinances which will affect the permittee's water use.

16. The permittee understands that under HRS § 174C-58(4), that partial or total nonuse, for reasons other than conservation, of the water allowed by this permit for a period of four (4) continuous years or more may result in a permanent revocation as to the amount of water not in use. The Commission and the permittee may enter into a written agreement that, for reasons satisfactory to the Commission, any period of nonuse may not apply towards the four-year period. Any period of nonuse which is caused by a declaration of water shortage pursuant to section HRS § 174C-02 shall not apply towards the four-year period of forfeiture.

17. The permittee shall prepare and submit a water shortage plan within 30 days of the issuance of this permit as required by HAR § 13-171-42(c). The permittee's water shortage plan shall identify what the permittee is willing to do should the Commission declare a water shortage in the Waipahu-Waiawa Ground-Water Management Area.

18. The water use permit granted shall be an interim water use permit, pursuant to HAR § 13-167-3(6). The final determination of the water use quantity shall be made within five years of the filing of the application.

19. The water use permit shall be subject to the Commission's establishment of instream standards and policies relating to the Stream Protection and Management (SPAM) program, as well as legislative mandates to protect stream resources.

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

21. The permittee understands that any willful violation of any of the above conditions or any provisions of HRS § 174C or HAR § 13-171 may result in the suspension or revocation of this permit.

I have read the conditions and terms of this permit and understand them. I accept and agree to meet these conditions as a prerequisite and underlying condition of my ability to proceed and understand that I do not hold a valid permit until I have signed, dated, and returned the permit to the Commission. I also understand that non-compliance with any permit condition may be grounds for revocation and fines of up to $1000 per day.

Permittee's Signature: _______________________________ Date: ________________

Printed Name: _______________________________ Firm or Title: _______________________________

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

Attachment
cc: Donna Goth, The Estate of James Campbell