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In accordance with Department of Land and Natural Resources, Commission on Water Resource Management's Administrative Rules, Section 13-168, entitled "Water Use, Wells, and Stream Diversion Works", this document permits the construction and testing of Hale O Kai Well (Well No. 3687-09) at Lot 459, Paradise, Hawaii, TMK 1-5-57: 088, subject to the Department of Water Resource Management's Construction Pump Installation Standards (1/23/97) which include but are not limited to the following conditions:

1. The Chairperson of the Commission on Water Resource Management (Commission), P.O. Box 621, Honolulu, HI 96824, shall be notified, in writing, at least two (2) weeks before any work authorized by this permit commences and staff shall be allowed to inspect installation activities in accordance with §13-168-15, Hawaii Administrative Rules.

2. The well construction permit shall be for construction and testing of the well only. A minimum 11/4-inch diameter monitor tube shall be permanently installed, in a manner acceptable to the Chairperson, so accurately record water levels. The permittee, well operator, and/or well owner shall coordinate with the Chairperson and conduct a pumping test in accordance with the Standards (a pump testing worksheet is attached). The permittee, well operator, and/or well owner shall submit to the Chairperson the test results as a basis for supporting an application to install a permanent pump and withdraw water for use. No permanent pump may be installed until a pump installation permit is approved and issued by the Chairperson.

3. In basal ground water, the depth of the well may not exceed one-fourth (1/4) of the theoretical thickness (41 times initial head) of the basal ground water unless otherwise authorized by the Chairperson.

4. The permittee, well operator, and/or well owner shall incorporate mitigation measures to prevent construction debris from entering the aquatic environment, to schedule work to avoid periods of high rainfall, and to revegetate any cleared areas as soon as possible.

5. In the event that subsurface cultural remains such as artifacts, burials or concentrations of shells or charcoal are encountered during construction, the permittee, well operator, and/or well owner shall stop work and contact the Department's Historic Preservation immediately.

6. The proposed well construction shall not adversely affect existing or future legal uses of water in the area, including any surface water or established instream flow standards. This permit or the authorization to construct the well shall not constitute a determination of correlative water rights.

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

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

9. The well construction permit application is incorporated into this permit by reference and is subject to the Hawaii Well Construction & Pump Installation Standards (January 23, 1997; HWCPIS). If the HWCPIS are not followed and as a consequence water is wasted or contaminated, a lien on the property may result.

10. The permit may be revoked by the Commission if work is not started within six (6) months after the date of approval or if work is suspended or abandoned for six (6) months, unless otherwise specified. The work proposed in the well construction permit application shall be completed within two (2) years from the date of permit approval, unless otherwise specified. The permit may be extended by the Chairperson upon a showing of good cause and good-faith performance. A request to extend the permit shall be submitted to the Chairperson no later than three (3) months prior to the date the permit expires. If the commencement date is not met, the Commission may revoke the permit after giving the permittee, well operator, and/or well owner notice of the proposed action and an opportunity to be heard.

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

12. The permittee, its successors, and assigns shall indemnify, defend, and hold the State of Hawaii harmless from and against any loss, liability, claim, or demand for property damage, personal injury, or death arising from any act or omission of the assignee, assigns, officers, employees, contractors, and agents under this permit or related to or connected with the granting of this permit.

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

Date of Approval: February 27, 2004
Expiration Date: February 27, 2006

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 shall not commence work until I the driller 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 starting from the permit date of approval.

Permittee's Signature: Bennett Taylor
Printed Name: Bennett Taylor
Firm or Title: 
Date: 3/16/04

Driller's Signature: Fred Page
Printed Name: Fred Page
Firm or Title: President
C-57 License #: C-16653 Date: 4/7/2004

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

Attachment

USGS
Department of Health's Safe Drinking Water, Wastewater, and Clean Water Branches
Hawaii Department of Water Supply
Fred Page
April 7, 2004

Mr. Peter Young, Chairperson
Commission on Water Resource Management
Department of Land & Natural Resources
P.O. Box 621
Honolulu HI 96809

RE: Hale O Kai Well, Well No. 3687-09

Dear Mr. Young;
I wish to inform you that commencement of construction for the above referenced well
should begin during week ending 5/08/2004. This letter is in accordance with 13-168-15
Hawaii Administrative Rules as posted on the well construction permit.

Thank you.

Sincerely,
FRED PAGE DRILLING INTERNATIONAL INC.

Fred J. Page
Mr. Bennett Taylor Jr.
P.O. Box 60501
Reno, Nevada 89506

March 12, 2004

Mr. Peter Young, Chairperson
Commission on Water Resource Management
Department of Land and Natural Resources
P.O. Box 621
Honolulu, HI 96809

RE: HALE O KAI WELL (WELL NO. 3687-09)

Dear Mr. Young,

This is a request to install the permanent pump prior to final pump installation permit issuance in accordance with the Commission's April 15, 1998 Declaratory Ruling No. DEC-ADM98-G5.

Thank you.

Sincerely,

[Signature]

Mr. Bennett Taylor Jr.
COMMISSION ON WATER RESOURCE MANAGEMENT
ROUTE SLIP FOR PERMIT ISSUANCE

FROM: RYAN
DATE: 
SUSPENSE DATE: 

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<td>C.</td>
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<td>KUNIMURA, I.</td>
<td></td>
<td>L.</td>
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WELL NUMBER
WELL NAME:

WELL CONSTRUCTION

ATTACHMENTS FOR WELL CONSTRUCTION PERMIT:
1 COVER LETTER
2 PERMIT (2x)
3 SDWB
4 WWB
5 CWB
6 HEER
7 LD
8 HP
9 PUMP TEST
10 WCR I FORM

TO BE SENT TO APPLICANT

PUMP INSTALLATION

ATTACHMENTS FOR PUMP INSTALLATION PERMIT:
1 COVER LETTER
2 PERMIT (2x)
3 SDWB
4 WWB
5 CWB
6 HEER
7 LD
8 HP
9 WCR II FORM
10 WUR FORM

FOR OFFICE USE ONLY
March 3, 2004

Ref:3687-09.wcp

Mr. Bennett Taylor
P.O. Box 60501
Reno, Nevada 89506

Dear Mr. Taylor:

Well Construction Permit
Hale O Kai Well (Well No. 3687-09)

Enclosed are two (2) copies of your approved Well Construction Permit for the captioned well(s) that authorize well construction activities but excludes installation work for your permanent pump. As part of the Chairperson's approval, the following special conditions were added and are part of your permit under Permit Condition 13:

Special Conditions.

1. Attached for your information is a copy of the Department of Health's (DOH) review comments. Please note DOH's requirements related to discharge of effluent from well drilling and testing activities.

This permit does not authorize work for your permanent pump installation. Approval and issuance of your pump installation permit is contingent upon completed application and information provided to and accepted by Commission staff as required in the Well Construction & Pump Installation Standards (1/23/97) and any special conditions performed under this permit. However, a permanent pump may be installed prior to the permanent pump installation permit issuance in accordance with the Commission's April 15, 1998 Declaratory Ruling No. DEC-ADM98-G5, which states that:

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

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

IMPORTANT - Drilling work shall not commence until a fully signed permit is returned to the Commission. Please provide all the information in this packet to your well drilling contractor. The permittee, well operator, and/or well owner are responsible for all conditions of the permit. This includes ensuring that the well construction contractor, or other party who constructs the well(s), submits a completed Part I of the Well Completion Report form (enclosed) within sixty (60) days after the well construction work is completed. Be advised that you may be subject to fines of up to $1000 per day for any violations of your permit conditions starting from the permit approval date.

If you have any questions, please call Ryan Imata of the Commission staff at 587-0255 or toll-free at 974-4000 (Hawaii), 274-3141 (Kauai), 984-2400 (Maui), or 1-800-468-4644 (Lanai & Molokai), extension 70255.

Sincerely,

[Signature]

Peter T. Young
Chairperson

Enclosures

c: Fred Page
WELL CONSTRUCTION PERMIT

Hale O Kai Well, Well No. 3687-09

Note: This permit shall be prominently displayed at the site until the work is completed

In accordance with Department of Land and Natural Resources, Commission on Water Resource Management's Administrative Rules, Section 13-186, entitled "Water Use, Wells, and Stream Diversion Works", this document permits the construction and testing of Hale O Kai Well (Well No. 3687-09) at Lot 459, Paradise, Hawaii, TMK 1-5-57: 086, subject to the Hawaii Well Construction & Pump Installation Standards (1/23/97) which include but are not limited to the following conditions:

1. The Chairperson of the Commission on Water Resource Management (Commission), P.O. Box 621, Honolulu, HI 96805, shall be notified, in writing, at least two (2) weeks before any work authorized by this permit commences and staff shall be allowed to inspect installation activities in accordance with §13-168-15, Hawaii Administrative Rules.

2. The well construction permit shall be for construction and testing of the well only. A minimum 1/4-inch diameter monitor tube shall be permanently installed, in a manner acceptable to the Chairperson, to accurately record water levels. The permittee, well operator, and/or well owner shall coordinate with the Chairperson and conduct a pumping test in accordance with the Standards (a pump testing worksheet is attached). The permittee, well operator, and/or well owner shall submit to the Chairperson the test results as a basis for supporting an application to install a permanent pump and withdraw water for use. No permanent pump may be installed until a pump installation permit is approved and issued by the Chairperson.

3. In basal ground water, the depth of the well may not exceed one-fourth (1/4) of the theoretical thickness (41 times initial head) of the basal ground water unless otherwise authorized by the Chairperson.

4. The permittee, well operator, and/or well owner shall incorporate mitigation measures to prevent construction debris from entering the aquatic environment, to schedule work to avoid periods of high rainfall, and to revegetate any cleared areas as soon as possible.

5. In the event that subsurface cultural remains such as artifacts, burials or concentrations of shells or charcoal are encountered during construction, the permittee, well operator, and/or well owner shall stop work and contact the Department's Historic Preservation immediately.

6. The proposed well construction shall not adversely affect existing or future legal uses of water in the area, including any surface water or established instream flow standards. This permit or the authorization to construct the well shall not constitute a determination of correlative water rights.

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

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

9. The well construction permit application is incorporated into this permit by reference and is subject to the Hawaii Well Construction & Pump Installation Standards (January 23, 1997; HWCRS). If the HWCRS are not followed and as a consequence water is wasted or contaminated, a lien on the property may result.

10. The permit may be revoked by the Commission if work is not started within six (6) months after the date of approval or if work is suspended or abandoned for six (6) months, unless otherwise specified. The work proposed in the well construction permit application shall be completed within two (2) years from the date of permit approval, unless otherwise specified. The permit may be extended by the Chairperson upon a showing of good cause and good-faith performance. A request to extend the permit shall be submitted to the Chairperson no later than three (3) months prior to the date the permit expires. If the commencement date is not met, The Commission may revoke the permit after giving the permittee, well operator, and/or well owner notice of the proposed action and an opportunity to be heard.

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

12. The permittee, its successors, and assigns shall indemnify, defend, and hold the State of Hawaii harmless from and against any and all claims, demands, or losses arising out of any act or omission of the applicant, assigns, operators, employees, contractors, and agents under this permit or relating to or connected with the granting of this permit.

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

Date of Approval: February 27, 2004
Expiration Date: February 27, 2006

PETER T. YOUNG, 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 shall not commence work until I and the driller 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 starting from the permit date of approval.

Permittee's Signature: ____________________________ Date: __________

Printed Name: ____________________________ Firm or Title: ____________________________

Driller's Signature: ____________________________ C-57 License #: ____________________________ Date: __________

Printed Name: ____________________________ Firm or Title: ____________________________

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

LOG NO.: 2004.0136

DOC NO.: 0401JK21

Applicant/Agency: Bennett Taylor, Jr.
Address: P.O. Box 60501
Reno, NV 98506


Location: Keaau, Puna, Hawai‘i Island
Tax Map Key: (3) 1-5-57:88

1. We believe there are no historic properties present because:
   a. intensive cultivation has altered the land
   b. residential development /urbanization has altered the land
   c. previous grubbing/grading has altered land
   d. an acceptable archaeological assessment or inventory survey found no historic properties
   e. other: Probability of significant sites is low. Please contact SHPD if drilling should encounter a lava tube. (327-3690).

2. This project has already gone through the historic preservation review process.
   a. mitigation has been completed
   b. other.

   Thus, we believe that "no historic properties will be affected by this undertaking.

Signed Jeanne M. Knapp

Date 1-15-04

Historic Preservation Division
Kona

Jeanne M. Knapp
SECTION 1: WELL LOCATION INFORMATION

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<tr>
<th>Island</th>
<th>Aquifer System</th>
<th>Proposed Use</th>
<th>Aquifer Sector</th>
<th>Proposed Withdrawal</th>
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SECTION 2: WELL SECTION DATA (enter data in gray cells only)

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<th>Ground Elevation</th>
<th>Solid Casing Material</th>
<th>Cement Grout Designation</th>
<th>Rock Packing Length</th>
<th>Hole Diameter</th>
<th>Total Depth</th>
<th>Estimated Head</th>
<th>Calculated Aquifer Thickness</th>
<th>County Water Supply (Y/N ?)</th>
<th>Casing Material</th>
<th>Designation</th>
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<th>Diameter</th>
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SECTION 3: CHECKLIST (values to check are shaded)

Well Depth

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<th>820 ft.</th>
<th>1/4 Aquifer Thickness</th>
<th>205 ft.</th>
<th>Depth of Well below Sea Level</th>
<th>5 ft.</th>
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Well Casing

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<th>non-county</th>
<th>Minimum Thickness per standards</th>
<th>#N/A in.</th>
<th>Minimum Thickness per standards #N/A (refer to HWCPIS Section 2.4 c)</th>
<th>Minimum Thickness per standards (disregard this if this is a non-county well)</th>
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<td>Minimum Length of Solid Casing</td>
<td>8.9 ft.</td>
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<td>90% of ground to top of aquifer</td>
<td>4.5 ft.</td>
<td>90% of ground to top of aquifer 4.5 ft. (refer to HWCPIS Section 2.4 e)</td>
<td>90% of ground to top of aquifer (disregard this if this is a non-county well)</td>
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<tr>
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<td></td>
<td>Length of solid casing Provided</td>
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<td>Length of solid casing Provided 20 ft. (refer to HWCPIS Section 2.4 f)</td>
<td>Length of solid casing Provided (disregard this if this is a non-county well)</td>
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<td>Casing Material</td>
<td>ASTM A53</td>
<td>Casing Material ASTM A53 (refer to HWCPIS Section 2.4 g)</td>
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<td>Annular Space</td>
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<td>Annular Space (refer to HWCPIS Section 2.4 h)</td>
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<td>Depth of Grouting</td>
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<td>Thickness of Annular Space</td>
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<td>Thickness of Annular Space (disregard this if this is a non-county well)</td>
</tr>
</tbody>
</table>

Page 1
December 30, 2003

TO: Honorable Chiyome L. Fukino, M.D., Director
   Department of Health
   Attention: Harold Yee, Wastewater Branch
             William Wong, Safe Drinking Water Branch
             Dr. Keith Kawakita, Hazardous Evaluation and Emergency Response
             Alec Wong, Clean Water Branch

FROM: Peter T. Young, Chairperson
       Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
         Hale O Kai Well (Well No. 3687-99)

Transmitted for your review and comment is a copy of the captioned Well Construction/Pump Installation permit application.

We would appreciate your comments on the captioned application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your department. Please respond by returning this cover memo form by January 30, 2003. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

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

Rq:ss
Attachment(s)

RESPONSE:

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

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

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

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

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


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

[8] No comments/recommendations

Contact Person: Bill Wong

Signed:

Bill Wong

Phone: 586-9258

Date: JAN 6 2004
TO: Honorable Chiyome L. Fukino, M.D., Director
Department of Health
Attention: Harold Yee, Wastewater Branch
William Wong, Safe Drinking Water Branch
Dr. Keith Kawakatu, Hazardous Evaluation and Emergency Response
Alic Wong, Clean Water Branch

FROM: Peter T. Young, Chairperson
Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
Hale O Kai Well (Well No. 3887-09)

December 30, 2003

Transmitted for your review and comment is a copy of the captioned Well Construction/Pump Installation permit application.

We would appreciate your comments on the captioned application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your department. Please respond by returning this cover memo form by January 30, 2003. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

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

RESPONSE:

[ ] This water qualifies as a source which will serve as a source of potable water to a public water system (defined as serving 25 or more people at least 60 days per year or has 15 or more service connections) and must receive Director of Health approval prior to its use to comply with Hawaii Administrative Rules (HAR), Title 11, Chapter 58, Rules Relating to Potable Water Systems, §11-20-39.

[ ] This well does not qualify as a source serving a public water system (serves less than 25 people or more people at least 60 days per year or 15 service connections) and if the well water is used for drinking, the private owner should test for bacteriological and chemical parameters before using the same and continuously monitor the water quality thereafter. However, if future plans involve the use of the water for the purposes of a public water system, then reporting to the Director of Health is required at the time of implementation.

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

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

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

[ ] An NPDES permit is required.

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

[ ] No comments/objections

Contact Person: Phone: 56L-9509
Signed: Date: 1/6/04

---

RESPONSE:

[ ] This water qualifies as a source which will serve as a source of potable water to a public water system (defined as serving 25 or more people at least 60 days per year or has 15 or more service connections) and must receive Director of Health approval prior to its use to comply with Hawaii Administrative Rules (HAR), Title 11, Chapter 58, Rules Relating to Potable Water Systems, §11-20-39.

[ ] This well does not qualify as a source serving a public water system (serves less than 25 people or more people at least 60 days per year or 15 service connections) and if the well water is used for drinking, the private owner should test for bacteriological and chemical parameters before using the same and continuously monitor the water quality thereafter. However, if future plans involve the use of the water for the purposes of a public water system, then reporting to the Director of Health is required at the time of implementation.

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

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

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

[ ] An NPDES permit is required.

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

[ ] No comments/objections

Contact Person: Phone: 56L-9509
Signed: Date: 1/6/04
To: Ryan Imata  
Commission On Water Resource Management  
Department of Land and Natural Resources  

Via Fax No. (808) 587-0219  

From: Alec Wong  
Clean Water Branch  

Subject: Well Construction/Pump Installation Permit Applications  
Hale O Kai Well (Well No. 3687-09)  
Waiaha Well (Well No. 3857-04)  
Luawai Well (Well No. 3487-02)  

Date: January 7, 2004  

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, Title 11, Chapter 55, Appendix I, effective September 22, 1997. Treated process wastewater effluent covered by this general permit includes well drilling slurries, lubricating fluids wastewater, and well purge wastewater. 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 (808) 586-4309 or by fax (808) 586-4352.  

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 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 the 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.
December 30, 2003

TO: Dede Mamiya, Administrator
    Land Division

FROM: Ernest Y.W. Lau, Deputy Director
      Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
         Hale O Kai Well (Well No. 3687-09)

Transmitted for your review and comment is a copy of the captioned Well Construction/Pump Installation permit application.

We would appreciate your comments on the captioned application with regard to the programs, plans, and objectives specific to your division. Please respond by returning this cover memo form by January 30, 2003. If we do not receive comments or a request for additional review time by this date, we will assume you have no comments.

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

RESPONSE:

[ ] A water lease/permit is required of this applicant and an application for such will be requested by our division.

[ ] A water lease/permit is not required of this applicant.

[ ] A water lease/permit has been obtained by the applicant through lease no. ________________________________

[ ] This well project requires does not require a CDUP. If a CDUP is required it has has not been approved and is is not currently active.

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

[ ] No objections

[ ] Other comments: The original source of private title was issued prior to statehood in 1959.

Contact Person: Gary Martin

Phone: 587-0427

Signed: ____________________________

Date: ____________________________

JAN - 6 2004
FROM: RYAN  
DATE: 16-Dec-03  
SUSPENSE DATE: 23-Dec-03

TO: BAUER, G.  
    CHING, F.  
    FUJII, N.  
    HARDY, R.  
    HIGA, D.  
    HIRANO, E.  
    ICE, C.  
    IMATA, R.  
    JINNAI, R.  
    KUNIMURA, I. 

SEE ME  
1 Review & Comment  
2 Take Action  
3 Approval  
3 Signature  
4 Information  

DATE  
ACTION

-  See Me
- Review & Comment
- Take Action
- Approval
- Signature
- Information
- See Me
- Review & Comment
- Take Action
- Approval
- Signature
- Information

WELL NUMBER: 3607-09  
WELL NAME: Hale O Kai

☐ WELL CONSTRUCTION  
☐ PUMP INSTALLATION  
☐ BOTH

ATTACHMENTS FOR APPLICATION PROCESSING - Both applicant & staff generated
- TRANS. LETTER
- CWRM MAP
- APPL. FORM (SCOPES)
- USGS MAPS (5 COPIES)
- TAX MAPS (6 COPIES)
- PARCEL OWNER VERIF.  
- MLS PRINTOUT
- CONTRACTOR VERIF.  
- DCCA LICENSE SCREEN PRINTOUT
- ALL INFO FILLED IN
- BACKGROUND CHECK
- S25 FEE DEPOSIT SLIP

FOLDER:
- MADE NEW FILE FOLDER, ATTACHED
- FILE FOLDER ALREADY MADE, IN FILE CABINET

INCOMPLETE ACTION DATES:

DATE  
ACTION

☐ - I'm working on background check

☐ - I'm working on background check

☐ - I'm working on background check

☐ - I'm working on background check

☐ - I'm working on background check
December 30, 2003

TO: Honorable Chiyome L. Fukino, M.D., Director
   Department of Health
   Attention: Harold Yee, Wastewater Branch
   William Wong, Safe Drinking Water Branch
   Dr. Keith Kawaoka, Hazardous Evaluation and Emergency Response
   Alec Wong, Clean Water Branch

FROM: Peter T. Young, Chairperson
      Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application

Hale O Kai Well (Well No. 3687-09)

Transmitted for your review and comment is a copy of the captioned Well Construction/Pump Installation permit application.

We would appreciate your comments on the captioned application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your department. Please respond by returning this cover memo form by January 30, 2003. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

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

R1:es
Attachment(s)

RESPONSE:

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

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

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

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

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

[ ] An NPDES permit is required.

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

No comments/objections

Contact Person: Lon N. Kajiwara
Phone: 586-4294

Signed: Lon N. Kajiwara
Date: 1-9-2004
Facsimile Request and Cover Sheet
Wastewater Branch
919 Ala Moana Blvd. Room 309
Honolulu, Hawaii 96814-4920
(808) 586-4294 Fax (808) 586-4300

Date: Jan 7, 2004

To: La Verne Hayamoto
Hawaii District Health Office (Hilo)
Ph (808) 933-0401
Fax (808) 933-0406

From: Lori Kajiwara, Planning/Design Section
Email: lkajiwara@eha.health.state.hi.us

Subject: Request for Comments

Do you have any IWS files or records for the following site:

(3) 1 - 5 - 07 08 "Hale o Kai"
Lot 495 Paradise Ala Kai
Keaau

Please check all that apply:
[ ] sewered [ ] no record [ ] cesspool [X] septic tank [ ] aerobic unit
[ ] can be sewered

File # if applicable: 5219

# of Bedrooms 2

Record Date: 10-31-03
Submit Date: 10-5-03
Plan Approval Date: 
Inspection Date: 
System "Approval for Use" Date: 

Other: 

Please fax site/plot plan if available. Thank you.
December 30, 2003

Mr. Bennett Taylor, Jr.
P.O. Box 60501
Reno, Nevada 89506

Dear Mr. Taylor:

Well Construction/Pump Installation Permit Application for Well No. 3687-09

We acknowledge receipt, on December 9, 2003, of your completed Well Construction/Pump Installation permit application and filing fee for the Hale O Kai Well (Well No. 3687-09). You can expect your application to be processed within ninety (90) days from this date.

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

If you have any questions about your permit application, please contact Ryan Imata of the Commission staff at 587-0255 or toll-free at 974-4000 (Hawaii), 274-3141 (Kauai), 984-2400 (Maui), or 1-800-468-4644 (Lanai & Molokai) extension 70255.

Sincerely,

[Signature]

ERNEST Y.W. LAU
Deputy Director

RI:ss
c: Fred Page
December 30, 2003

TO: Honorable Chiyome L. Fukino, M.D., Director
Department of Health
Attention: Harold Yee, Wastewater Branch
William Wong, Safe Drinking Water Branch
Dr. Keith Kawaoka, Hazardous Evaluation and Emergency Response
Alec Wong, Clean Water Branch

FROM: Peter T. Young, Chairperson
Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
Hale O Kai Well (Well No. 3687-09)

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RESPONSE:

This well qualifies as a source which will serve as a source of potable water to a public water system (defined as serving 25 or more people at least 60 days per year or has 15 or more service connections) and must receive Director of Health approval prior to its use to comply with Hawaii Administrative Rules (HAR), Title 11, Chapter 20, Rules Relating to Potable Water Systems, §11-20-9.

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

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

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

An NPDES permit is required.

No comments/objections

Contact Person: __________________________ Phone: __________________________

Signed: __________________________ Date: __________________________
TO: Dede Mamiya, Administrator  
Land Division  

FROM: Ernest Y.W. Lau, Deputy Director  
Commission on Water Resource Management  

SUBJECT: Well Construction/Pump Installation Permit Application  
Hale O Kai Well (Well No. 3687-09)  

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Attachment(s)  

RESPONSE:  

[ ] A water lease/permit is required of this applicant and an application for such will be requested by our division.  

[ ] A water lease/permit is not required of this applicant.  

[ ] A water lease/permit has been obtained by the applicant through lease no. ______________________________.  

[ ] This well project [ ] requires [ ] does not require a CDUP. If a CDUP is required it [ ] has [ ] has not been approved and [ ] is [ ] is not currently active.  

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

[ ] No objections -  

[ ] Other comments:  

Contact Person: ______________________ Phone: _______________  

Signed: ______________________________ Date: _______________
TO: Holly McEldowney, Acting Administrator 
               Historic Preservation
FROM: Ernest Y.W. Lau, Deputy Director 
           Commission on Water Resource Management
SUBJECT: Well Construction/Pump installation Permit Application 
          Hale O Kai Well (Well No. 3687-09)

Transmitted for your review and comment is a copy of the captioned Well 
Construction/Pump installation permit application.

We would appreciate your comments on the captioned application with regard to the 
programs, plans, and objectives specific to your division. Please respond by returning this 
cover memo form by January 30, 2003. If we do not receive comments or a request for 
additional review time by this date, we will assume you have no comments.

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

RESPONSE:

[ ] There may be areas in the vicinity of the well site that contain subsurface cultural remains such as artifacts, 
burials or concentrations of shells or charcoal.

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

[ ] No objections

[ ] Other comments:

Contact Person: __________________________ Phone: __________

Signed: __________________________ Date: __________
LICENSE SCREEN

[ Look up License Type Codes-> ]
Please click a link listed below to display the other screen.

***** GENERAL LICENSEE *****

LIC ID: CT-16653  Active/Inactive: ACTIVE
NAME: FRED PAGE DRILLING INTERNATIONAL INC
TRADE NAME:
STATUS: CURRENT, VALID & IN GOOD STANDING
ENTITY: CORPORATION
ORIG LIC DATE: 4/25/91
EXPIRE DATE: 9/30/04
CLASS PREFIX: C
SPECIAL PRIVILEGE:
RESTRICTION: EDUCATION CODE:
BUSINESS ADDR: 15-3105 HALELO PL PAHOA HI 96778
MAILING ADDR: P O BOX 1434 PAHOA HI 96778

Click here to enter search criteria for prior complaints history ->
For prior complaints and disciplinary history, contact licensing and business information center at (808)587-3295.

<-Back  New Search->

EMPLOYEES LIST || EMPLOYERS LIST || INSURANCE/BOND || LICENSE CLASS

License information on this site reflects information in the Professional and Vocational Licensing Division as of December 24, 2003; however, applications and forms are subject to standard processing time, and the information here does not reflect pending changes which are being reviewed. The site is updated daily, Monday through Friday, except holidays. The State of Hawaii makes no guarantees as to the accuracy of the information accessed, the timeliness of the delivery of transactions, delivery to the correct party, preservation of the privacy and security of users and makes no warranties, including warranty of merchantability and fitness for a particular purpose. User is advised that if the information obtained herein is to be reasonably relied upon, user should confirm the accuracy of such information with the provider thereof.

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Hawaii State homepage || DCCA || Professional and Vocational Licensing Division
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This information has been supplied by third parties and has not been independently verified by Hawaii Information Service and is, therefore, not guaranteed.
## Well Construction Pump Installation

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# State of Hawaii
## Commission on Water Resource Management

### Department of Land and Natural Resources

#### APPLICATION FOR PERMIT

**Well Construction and/or Pump Installation**

Instructions: Please print in ink or type and send completed application with attachments to the Commission on Water Resource Management, P.O. Box 621, Honolulu, Hawaii 96808. Application must be accompanied by 5 copies and 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 808-648-6226. For further information and updates to this application form, visit http://www.state.hawaii.gov/lnr/wrm.

### APPLICANT INFORMATION:

(Fill out all three, if applicable, and place a check next to the primary contact)

1. **(a) WELL OWNER:** "BEAU * TAYLOR* Jr.
   
   **Contact Person:** BEAU TAYLOR
   
   **Phone:** 775-544-940
   
   **Mailing Address:** P.O. Box 60502
   
   **Reno, Nevada 89506**
   
   **Fax:** 775-746-4150
   
   **E-mail:** OLDNOMINE@HSG.com

2. **(b) LAND OWNER:** "BEAU * TAYLOR* Jr.
   
   **Contact Person:** BEAU TAYLOR
   
   **Phone:** 775-544-940
   
   **Mailing Address:** P.O. Box 60501
   
   **Reno, Nevada 89506**
   
   **Fax:** 775-746-4150
   
   **E-mail:** OLDNOMINE@HSG.com

3. **(c) CONTRACTOR:** Fred Page Drilling Into
   
   **Contact Person:** Fred Page
   
   **Phone:** (808) 965-5339
   
   **Mailing Address:** P.O. Box 1434
   
   **Pahoa HI 96778**
   
   **Fax:** (808) 965-5339
   
   **E-mail:**

### WELL & PUMP INFORMATION:

**WELL NAME:** "HALLE O KAI"

**Island:** Hawaii

**Address:** LOT 195 PARADISE ALA KAI

**Tax Map Key:** Zone Sec Plat Parcel

**Attach:** (a) portion of a 7.5-Minute Series USGS topographic map (scale 1:24,000) with well location labeled and include the name of the quads map

(b) a property tax map, showing well location referenced to established property boundaries

### PROPOSED WORK:

(please check all that apply)

- **Construct New Well**
- **Install New Pump**
- **Modify Existing Well**
- **Modify Pump**
- **Abandon/Seal**

*State Well No. **(if unknown, please call Commission at 808-577-0225)**

### CONSTRUCTION:

- **Drilled**
- **Dug**
- **Shaft**
- **Tunnel**

Is this well part of a battery of wells? **Yes** No (Please describe)

### PROPOSED PUMPING RATE:

15 gallons per minute

### PROPOSED USE:

(please check all that apply)

- **Municipal (including hotels, stores, etc.)**
- **Industrial**
- **Domestic (individual, noncommercial water system)**

Does this well serve 25 or more people at least 60 days per year or have 15 or more service connections? **Yes** No

**Irrigation (crop)**

**No. of Acres:**

**Military**

**Other (explain):**

### PROPOSED AMOUNT OF WITHDRAWAL:

- **300 gallons per day**

### METHOD OF FLOW MEASUREMENT:

- **Flowmeter**
- **Open-pipe**
- **Weir**
- **Orifice**
- **Other (explain):**

### OTHER INFORMATION:

**8. LEGAL REQUIREMENTS:** if required, these permits must be obtained before the Commission can legally issue a permit.

- Conservation District Use Permit (CDUP) To find out if a CDUP is necessary, call DLNR Land Division at 587-0414
- Environmental Impact Statement (EIS) or Environmental Assessment (EA) To determine if an EIS or EA is necessary, call OEQC at 565-4155
- Special Management Area Permit (SMAP) To determine if an SMAP is necessary: on Oahu, call 527-5374; on Maui, call 881-8288; for Molokai county, call 270-7236; on Kauai, call 241-6677.

**9. REMARKS EXPLANATIONS:**

Additional remarks or explanations, if any.

Note: Signing below indicates the signatories understand and swear that the information provided on this application is accurate and true to the best of their knowledge. Further, the signatories understand that approval of this application attaches the following standard conditions: 1) the proposed work is to be completed within two (2) years of the approval date; 2) the contractor shall submit to the Commission a well completion/abandonment report within 60 days after the completion date of the permitted work; 3) monthly water use data shall be submitted to the Commission; 4) such approval shall not constitute a determination of water rights and shall not guarantee the pump capacity or future use up to the permitted pump capacity. 5) in the event that the application is not completed correctly, no permit may be suspended until the item is brought to compliance, and any work done while the permit is in suspension may result in fines of up to $10,000 per day.

Well Owner: **BEAU TAYLOR Jr.**

Landowner: **BEAU TAYLOR Jr.**

Contractor: **Fred Page Drilling**

Signature: **BEAU TAYLOR Jr.**

Signature: **BEAU TAYLOR Jr.**

Signature: **Fred Page**

Date: 12/06/03

For official use only

- Aquifer System No.
- State Well No.

For Official Use Only:

- RECEIVED
  - DEC 9 9:42
  - COMMISSION ON WATER
  - RESOURC E MANAGEMENT

[For Instruction Printing Only]

- (print legibly)
- (print legibly)

[Signature]

[Print Name]

[Date] 12/06/03
10. PROPOSED WELL SECTION

(Please attach schematic if different from diagram provided below)

For non-salt water Basal Wells - bottom elevation of well should not be deeper than 1/4 of aquifer thickness or, Bottom Elevation of Well limit = (Water Elevation - 30 ft. as described in well completion report) + 1/4 x Aquifer thickness. 


Solid Casing Material:
- Carbon Steel: compliant with (check one or more): ANSI/AWWA C200 API Spec. 5L ASTM A53 ASTM A139
- Stainless Steel: compliant with (check one or more): ASTM A242 Type E Type S Grade B Other
- ABS Plastic: compliant with ASTM D3517
- PVC Plastic: compliant with ASTM D3296
- Other: compliant with (check one or more): ASTM A409 (production) ASTM A312 (monitor) Schedule 40 Schedule 80

Open Casing Material:
- Carbon Steel: compliant with (check one or more): ANSI/AWWA C200 API Spec. 5L ASTM A53 ASTM A139
- Stainless Steel: compliant with (check one or more): ASTM A242 Type E Type S Grade B Other
- ABS Plastic: compliant with ASTM D3517
- PVC Plastic: compliant with ASTM D3296
- Other: compliant with (check one or more): ASTM A409 (production) ASTM A312 (monitor) Schedule 40 Schedule 80

* The approximate elevation must be referenced to mean sea level (msl) at the time of application filing. Final elevations of well components shall be submitted in the Well Completion/Well Abandonment reports and referenced to a benchmark which has been established by a surveyor licensed by the State.

For non-salt water Basal Wells - bottom elevation of well should not be deeper than 1/4 of aquifer thickness or, Bottom Elevation of Well limit = (Water Elevation - 30 ft. as described in well completion report) + 1/4 x Aquifer thickness.


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- Carbon Steel: compliant with (check one or more): ANSI/AWWA C200 API Spec. 5L ASTM A53 ASTM A139
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November 4, 2003

Mr. Bennett Taylor, Jr.
P.O. Box 60501
Reno, NV 89506

Dear Mr. Taylor:

Subject: Special Management Area Use Permit Assessment Application (SMAA 03-67)
Applicant(s): Bennett Taylor, Jr.
Request: Construction of a Single Family Dwelling and Related Improvements
Location: TMK (3) 1-5-057:088, Lot 495, Keaau, Puna, Hawaii

This is to acknowledge receipt on October 27, 2003 your Special Management Area Use Permit Assessment Application and site plan for the subject oceanfront property. We understand from your submittals that you intend to construct a one story single-family dwelling of approximately 2,475 square feet on the subject 0.63-acre lot situated in the Hawaiian Paradise Park subdivision. The subject property is zoned Agricultural (A-1a) by the County of Hawaii and is situated in the State Land Use Agricultural district. The property is also in the Special Management Area (SMA).

Planning Department staff conducted a site inspection of the subject property on November 1, 2003 and observed the following:

1. The northeast pin could not be located, apparently due to that portion of the sea cliff having broken off into the ocean; and
2. Undercutting and fracturing of the sea cliff is sufficient to suggest further degradation of the shoreline is imminent.

According to your site plan, the proposed dwelling will be located approximately 101 feet mauka of the nearest sea cliff. Based on this distance and the findings from our site inspection, we hereby waive the requirement for a shoreline survey, provided that no land altering activities are conducted within 60 feet of the existing sea cliff.
According to Chapter 205A-22, Hawaii Revised Statutes, and Planning Commission Rule No.9-4 (10)(B)(i) relating to Special Management Area, "development" does not include "Construction of a single-family residence that is not part of a larger development." After reviewing your application, we have determined that the proposed construction of a single-family dwelling and related improvements is exempt from the definition of development. Further, the proposed activity will not have a substantial adverse effect on the environment.

While further review of the construction of the proposed dwelling and related improvements against the Special Management Area rules and regulations will not be required, all other applicable Zoning and Building Code requirements must be satisfied.

Should you have any further questions, please feel free to contact Larry Brown or Esther Imamura of this department at 961-8288.

Sincerely,

CHRISTOPHER OYEN
Planning Director

LMB:pak
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cc: Ms. Susan Gagorik - Long Range Planning
PAY TO THE ORDER OF J.L. N.R.
Twenty-Five 25.00 DOLLARS

FOR Bennett Taylor, Jr.

DATE 10.30.03