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Kihei Koa Resorts
(Well No. 4527-10)
CHECKLIST

- WELL CONSTRUCTION PERMIT
- PUMP INSTALLATION PERMIT

WELL NAME or LOCATION: Kihei Koa Resort, Well ISLAND: Maui

WELL NUMBER: 6-#527-10, Tax Map Key: 3-9-01:134

OWNER/OPERATOR:
- Firm Name
- Contact Person
- Address
- Phone

LANDOWNER:
- Firm Name
- Contact Person
- Address
- Phone

Date application received: 11-22-91

Date acknowledged receipt/request more info: ____________________

Date application accepted: ____________________

Suspense date (90 days): ____________________

Date filing fee deposited: ____________________

Application sent to following:

- Dept. of Hawaiian Home Lands
- Dept. of Health
- Office of Hawaiian Affairs
- State Hist Pres Div
- Dept/Bd of Water Supply
- Sierra Club L.D.P.
- Kealakekua N. B. #78 (Volus)
- Dept. Pub. Wrks (Hawaii)
- Additional List (Molokai)

Date sent: ____________________
Comments received: 12-30-91

Date agenda due: ____________________

Date submittal due: ____________________

Date submittal sent to applicant: ____________________

Date application approved or disapproved: ____________________

Date applicant notified of decision: ____________________

REMARKS:

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

M -0,f.5
LEILANI'S ON THE BEACH

An atmosphere of casual elegance awaits you at Leilani's On The Beach. Located directly on the beautiful stretch of Kaanapali Beach known as "Dig Me Beach" you can enjoy a relaxing lunch and cocktails in their open air Beachside Grill or experience fine dining in Leilani's restaurant upstairs. Conveniently accessible from the Whaler's Village Shopping Center, Leilani's on the Beach offers great views of the ocean from both restaurant locations and is a perfect choice for a night on the town or a relaxing lunch break on the beach.

The Beachside Grill's menu features great hamburgers, sandwiches and fresh salads but also offers a selection of popular Hawaiian style local plate lunches. For only $9.95 you get your choice of two scoops of rice or French fries, one scoop of macaroni salad or Hana baked beans and one of their "ono-licious" entrees: barbecue chicken or barbecue ribs from the smoker, stir fry cashew chicken or teriaki beef kabobs. The Beachside Grill's hours are from 11:30 a.m. to midnight with cocktails being served from 11:30 a.m. to 1:30 a.m.

To experience a totally different atmosphere and menu, enter Leilani's On The Beach from upstairs and admire the gorgeous koa wood carvings and wall accents that create an atmosphere of warmth and elegance to accompany their fine dining menu and romantic ocean views. Ocean breezes can be a bit chilly, however, so Leilani's has the capability of drawing curtain-like shutters for your added dining comfort.

Our experience at Leilani's was extremely enjoyable. Manager Danny Vasquez greeted us warmly as we entered Leilani's and showed us to our oceanview table and the service throughout the evening was exceptional. Leilani's dinner menu is proudly offered by Chef Mark Fitzek and features several specialty items cooked in Leilani's own unique smoker ovens. Hickory smoked ribs smothered in zesty barbecue sauce ($14.95 for small portion, $19.95 for a full slab of ribs) as well as smoked chicken and fish.

Fresh fish is also a Leilani's specialty. Choose from five different mouth-watering preparations: Ahi marinated in a teriaki sesame sauce and charbroiled; filet of swordfish charbroiled in bercy butter (shallots, parsley and capers reduced in white wine and butter); Ono sauteed in an herbal mayonnaise sauce and accented with Cajun spices; onaga or opapkapaka lightly dusted with seasoned parmesan bread crumbs and grilled with pineapple lime butter and the mahi mahi baked in an orange ginger glaze with macadamia nuts. All fresh fish entrees are $21.95 and although we only got to sample the mahi mahi and swordfish, we felt we could easily recommend all five different preparations with confidence.

In addition to fresh fish, Leilani's Lobster Tail and Malaysian Shrimp offer seafood lovers a special treat for $25.95. Succulent lobster tail in drawn butter and large buttermilk fried shrimp dipped in a light crackle batter and deep fried.

For meat lovers, in addition to their smoked ribs, Leilani's offers choice cuts of Midwest aged beef. One of our party ordered New York Steak ($17.95), which arrived done to perfection and accented by a tangy peppercorn sauce.

To complement out meal we enjoyed a mid-priced bottle of Robert Mondavi Cabernet Sauvignon ($37). You'll find Leilani's wine cellar is well stocked with a wide variety of wine selections to suit most any budget.

Leilani's serves dinner from 5 to 10:30 p.m. and we think you'll find their friendly service and delicious menu selections an excellent choice for your next dining experience. Reservations are recommended for the dining room but feel free to just drop by anytime to enjoy a relaxed lunch or cocktails at the Beachside Grill.

By Jan Pinney
April 03

Please refer to Scott Slurin for info about permitting/other requirements.
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DATE:          SUSPENSE DATE

26Sept
Mr. Thomas P. Wright  
Board of Directors  
Koa Resort Owners Association  
811 South Kihei Road, #3L  
Kihei, Maui 96753

Dear Mr. Wright:

Use of Well for Landscape Irrigation  
Kihei Koa Resort Well (Well No. 4527-10)

Thank you for your letter of February 27, 1998, inquiring about documentation and final approval of well construction for the captioned well. Enclosed is a copy of a letter sent in response to your attached letter, indicating that pump installation was approved. We have also enclosed a copy of your permit and a current Water Use Report Form to help you meet permit condition #4.

We appreciate your efforts to conserve water from the Iao Aquifer, which supplies potable water to the Kihei area, and to use this well to meet irrigation requirements. You may wish to test the salinity of your well, to assure a good match between landscaping plant tolerances and water quality.

If you have any questions, please call Charley Ice at 587-0251 or toll-free at 984-2400 (Maui), extension 70251.

Sincerely,

EDWIN T. SAKODA  
Acting Deputy Director

Enclosures
Department of Land and Natural Resources  
Division of Water Resource Management  
P.O. Box 373  
Honolulu, HI 96809

Reference: Kihei-Koa Resort Well  
No. 4527-10  
Kihei, Maui

Gentlemen:

I was recently elected to serve on the Board of Directors of the Koa Resort Owner's Association. I have been asked to research the well referenced above with respect to approval for use in the irrigation of our grounds. The file which was turned over to me by the managing agent, Island Property Management, does not contain any documentation of final approval. Since there are justifiable concerns over the quantity of water available to the Kihei area due to development the board would like to be able to use the well to supplement the irrigation water. Previous Board members had not pursued the use of the well due to the pressure available being inadequate for the sprinkler system we have in operation. We are now looking into the feasibility of using the well for drip irrigation only.

The attached letter from Robert A. Land, dated 8 August, 1992, is to assist your research into the status of our well.

Thank you very much for giving this matter your attention.

Thomas P. Wright  
811 S. Kihei Rd. #3L  
Kihei, HI 96753  
808-879-7875
8 August 1992

Department of Land and Natural Resources
Division of Water Resource Management
PO Box 373
Honolulu, Hi 96809

Reference: Kihei-Koa Resort Well
No. 4527-10
Kihei, Maui

Gentlemen:

In accordance with our application for utilizing a test hole constructed at our location here in Kihei for lawn irrigation purposes together with our notification that work would begin on 24 July we have now completed the well and tested it in accordance with the regulations and conditions prescribed.

The work of installing the casing and gravel pack was completed on 24 July since the total depth was only 14 feet and work was completed utilizing a backhoe. Completion and testing the well followed immediately. The water quality was deemed adequate for irrigation purposes and permission to install a 2 HP, 30 GPM pump is hereby requested for irrigation purposes.

Attached is our completed well report together with a schematic drawing of the well as constructed. The elevation of the ground at the well site is 7 feet above sea level.

Thank you for your assistance in this endeavor.

Respectfully yours,

LRobert A. Land
LEngineer in charge
Mr. Robert A. Land  
Engineer in Charge  
Koa Resort Association  
811 South Kihei Road, Unit 4D  
Kihei, HI 96753  

Dear Mr. Land:

We acknowledge receipt of your letter of August 8, 1992, informing us that you have constructed and tested Kihei-Koa Resort Well (Well No. 4527-10), and requesting permission to install a 2 HP, 30 gpm pump in the well.

Based on the information you provided, your request to install the pump is approved.

Very truly yours,

WILLIAM W. PATY
Reference: Kihei-Koa Resort Well
No. 4527-10
Kihei, Maui

Gentlemen:

In accordance with our application for utilizing a test hole constructed at our location here in Kihei for lawn irrigation purposes together with our notification that work would begin on 24 July we have now completed the well and tested it in accordance with the regulations and conditions prescribed.

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Attached is our completed well report together with a schematic drawing of the well as constructed. The elevation of the ground at the well site is 7 feet above sea level.

Thank you for your assistance in this endeavor.

Respectfully yours,

Robert A. Land
Engineer in charge

8 August 199
### WELL COMPLETION REPORT

**A. STATE WELL NO.** 4527-10  
**WELL NAME** Kihei-Koa  
**ISLAND** Maui

**B. LOCATION** Bill Sc Kihei Rd, Kihei, Hi  
**TAX MAP KEY** 3-9-01:124

**C. WELL OWNER** Koa Resort  
**DRILLER** Backhoe DRILLER

**D. DATE OF PROJECT** 7-24-92  
**DATE OF PUMP INSTALLATION**

**E. TYPE OF RIG** Backhoe  
**PERMANENT PUMP INSTALLATION**

**F. GROUND ELEVATION (m/s)** 7.0 ft  
**HEIGHT OF DRILLING PLATFORM ABOVE GROUND** 6 ft

**H. TOTAL DEPTH OF WELL BELOW GROUND** (-6.9 MSL) 13 ft Deep

**J. CASING INSTALLED:**  
2 ft. in. I.D. x 3/4 in. wall solid section to 7 ft. below ground  
7 ft. in. I.D. x 7/8 in. wall perforated section to 7 ft. below ground  
**TOTAL 450 HOLES** Drilled @ 1/2 in.

**K. ANNULUS:**
Grouted from - ft. to - ft. below ground
Gravel packed from - ft. to - ft. below ground

**L. PERMANENT PUMP INSTALLATION:**
**PUMP TYPE, MAKE, SERIAL NO.**
**MOTOR TYPE, H.P., VOLTAGE, R.P.M.**
**DEPT OF PUMP INTAKE SETTING** ft. below ground  
**DEPT OF BOTTOM OF INTAKE** ft. below ground  
**Which elevation is** ft.  
**Which elevation is** ft.  
**Capacity** gpm

**M. PROPOSED USE** Irrigation of lawn

**N. INITIAL WATER LEVEL** 4'9" ft. below ground.  
**Date and time of measurement** 8/4/92  
**INITIAL CHLORIDE** 335 ppm  
**Date and time of sampling**

**P. PUMPING TESTS:**
**Reference Point (R.P.) used:** Top of which elevation is 7'3" ft.
**Date** 8-5-92  
**Start water level** 7'0" ft. below R.P.
**End water level** 7'11" ft. below R.P.
**Depth of well** 13'6" ft. below R.P.

<table>
<thead>
<tr>
<th>Elapsed Time (hours)</th>
<th>Rate (gpm)</th>
<th>Draw-down (ft.)</th>
<th>Cl. (ppm)</th>
<th>Temp. (°F)</th>
<th>Elapsed Time (hours)</th>
<th>Rate (gpm)</th>
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**Q. DRILLER'S LOG:**

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<th>Depth, ft.</th>
<th>Rock Description &amp; Remarks</th>
<th>Water Level, ft.</th>
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**REMARKS:**

Submitted by (print) R.A. Land  
**Signature** Robert A. Land  
**Title** Engineer in charge - Owner

**FOR OFFICIAL USE**

Latitude 20.47.55  
Longitude 156.27.37  
Well No. 4527-10

**FOR DRILLER'S USE**

Job Name  
Job No.  

**INSTRUCTIONS:** Please print or type and submit completed report within 30 days of well completion to the Division of Water Resource Management. P.O. Box 378, Honolulu, Hawaii 96809. An aerial photograph of the well and chemical analysis, if available, should also be submitted. If necessary, phone 548-7543, Hydrology, Geology Section for assistance.
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<th>Salt Content</th>
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**Test Complete 8:02 AM August 6, 1992**

**Gallon Water Use: 4,344**

**Salt Use: 10**
FINAL DRAW DOWN: 8' 2"
LEVEL OFF POINT: STILL DROPING SLOWLY == 1/2" PER HOUR
MAX SALT: 713 PARTS PER MILLION
MIN SALT: 674 PARTS PER MILLION
AFTER 15 MINUTES THE LEVEL WAS AT 7' 0" AND RISING

TEST CONDUCTED BY: BRYAN SARASIN

NOTE: A SAFE PUMPING YIELD FOR YOUR IRRIGATION NEEDS BASED UPON THE ABOVE RESULTS WOULD BE 20 GALLONS PER MINUTE.

NOTE #2: THE SALINITY IS CONSISTANT AND IS LOW ENOUGH TO PROVIDE YOU WITH GOOD IRRIGATION WATER. ALSO THIS WELL WATER WILL GIVE YOU CERTAIN NUTRIENTS THAT YOUR PLANTS AND GRASS WILL THRIVE ON. IN MY OPINION THIS WELL WILL GIVE YOU YEARS OF GOOD IRRIGATION WATER.

IF YOU HAVE ANY QUESTIONS PLEASE FEEL FREE TO GIVE ME A CALL.

INVOICE FOR SERVICES RENDERED

1) PUMP RENTAL TO CLEAN WELL INITIALLY $250.00
2) 24 HOUR PUMP TEST AND RESULTS AS DESCRIBED ABOVE $750.00

SUB TOTAL $1,000.00
4.17% TAX $41.70

TOTAL DUE $1,041.70

THANK YOU FOR GIVING ME THE OPPORTUNITY OF TESTING YOUR IRRIGATION WELL.
23 July 1992

State of Hawaii
Department of Land and Natural Resources
Division of Water Resource Management
PO Box 373
Honolulu, Hi 96809

Reference: Well No. 4527
kihei-koa resort
Kihei, Hi.

Gentlemen:

Notification is hereby rendered that work will begin on this well commencing 24 July 1992, such notice given as required by permit.
Following completion of the well volumetric testing of the well water will immediately commence together with qualitative determination of chlorides. The proposed ground level elevation of the well site is 5 feet above mean sea level.

Respectfully yours,

Robert A. Land
Engineer in Charge
Koa Resort
WELL CONSTRUCTION AND PUMP INSTALLATION PERMIT

for

Kihei-Koa Resort Well
Well No. 4527-10
Kihei, Maui

TO: Koa Resort Association
811 South Kihei Road, Unit 4D
Kihei, HI 96753

In accordance with the Department of Land and Natural Resources Administrative Rules, Section 13-168, entitled "Water Use, Wells, and Stream Diversion Works", your application to construct, test, and install a pump in Kihei-Koa Resort Well (Well No. 4527-10) within Tax Map Key: 3-9-01:134, for lawn irrigation, is approved subject to the following conditions:

1. The Division of Water Resource Management (DWRM), P.O. Box 373, Honolulu, HI 96809, shall be notified, in writing, before any work covered by this permit commences.

2. The proposed uses 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 and pump water from the well shall not constitute a determination of correlative water rights. The permittee is notified and by this provision understands that the quantity of water taken from the well could be reduced by the Commission in the future. This permit is not a commitment that the pump capacity permitted here or even some lesser amount is guaranteed in the future.

3. The permit shall be for construction, testing, and installation of a 30 gpm capacity, or less, pump in the well, as determined by the pumping test results. The applicant shall submit to DWRM the test results and proposed permanent pump information, based on the test, for approval by the Chairperson. No permanent pump may be installed and no water used from the well without the Chairperson's approval.
4. The applicant shall provide and maintain an approved meter or other appropriate device or means for measuring and reporting total water usage on a monthly basis.

5. The following shall be submitted to DWRM within 30 days after completion of the well:
   a. Well Completion Report.
   b. As-built sectional drawing of the well.

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

7. This 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 24 months from the date of permit issuance.

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: A. Waugh Date: 6-12-92
Printed Name: A. VAUGH
Firm or Title: PRESIDENT, KOA RESORT HOMEOWNERS ASSOCIATION
Please sign and return one copy of this permit to DWRM and retain a copy for your record.

cc: USGS
Department of Health
   Safe Drinking Water Branch
   Ground Water Protection Program
   Maui Department of Water Supply
WELL CONSTRUCTION AND PUMP INSTALLATION PERMIT

for

Kihei-Koa Resort Well
Well No. 4527-10
Kihei, Maui

TO: Koa Resort Association
811 South Kihei Road, Unit 4D
Kihei, HI 96753

In accordance with the Department of Land and Natural Resources Administrative Rules, Section 13-168, entitled "Water Use, Wells, and Stream Diversion Works", your application to construct, test, and install a pump in Kihei-Koa Resort Well (Well No. 4527-10) within Tax Map Key: 3-9-01:134, for lawn irrigation, is approved subject to the following conditions:

1. The Division of Water Resource Management (DWRM), P.O. Box 373, Honolulu, HI 96809, shall be notified, in writing, before any work covered by this permit commences.

2. The proposed uses 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 and pump water from the well shall not constitute a determination of correlative water rights. The permittee is notified and by this provision understands that the quantity of water taken from the well could be reduced by the Commission in the future. This permit is not a commitment that the pump capacity permitted here or even some lesser amount is guaranteed in the future.

3. The permit shall be for construction, testing, and installation of a 30 gpm capacity, or less, pump in the well, as determined by the pumping test results. The applicant shall submit to DWRM the test results and proposed permanent pump information, based on the test, for approval by the Chairperson. No permanent pump may be installed and no water used from the well without the Chairperson's approval.
4. The applicant shall provide and maintain an approved meter or other appropriate device or means for measuring and reporting total water usage on a monthly basis.

5. The following shall be submitted to DWRM within 30 days after completion of the well:
   a. Well Completion Report.
   b. As-built sectional drawing of the well.

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

7. This 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 24 months from the date of permit issuance.

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: A. VAUGHN
Date: 6-12-92

Printed Name: A. VAUGHN

Firm or Title: PRESIDENT, KOA RESORT HOMEOWNERS ASSOCIATION
WELL CONSTRUCTION AND PUMP INSTALLATION PERMIT
Well No. 4527-10

Please sign and return one copy of this permit to DWRM and retain a copy for your record.

cc: USGS
   Department of Health
   Safe Drinking Water Branch
   Ground Water Protection Program
   Maui Department of Water Supply
WELL CONSTRUCTION AND PUMP INSTALLATION PERMIT

for

Kihei-Koa Resort Well
Well No. 4527-10
Kihei, Maui

TO: Koa Resort Association
811 South Kihei Road, Unit 4D
Kihei, HI 96753

In accordance with the Department of Land and Natural Resources Administrative Rules, Section 13-168, entitled "Water Use, Wells, and Stream Diversion Works", your application to construct, test, and install a pump in Kihei-Koa Resort Well (Well No. 4527-10) within Tax Map Key: 3-9-01:134, for lawn irrigation, is approved subject to the following conditions:

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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: A. Vaught Date: 6-12-92
Printed Name: A. VAUGHT
Firm or Title: PRESIDENT, KOA RESORT HOMEOWNERS ASSOCIATION
Please sign and return one copy of this permit to DWRM and retain a copy for your record.

cc: USGS  
Department of Health  
Safe Drinking Water Branch  
Ground Water Protection Program  
Maui Department of Water Supply
<table>
<thead>
<tr>
<th>TO:</th>
<th>INITIAL:</th>
<th>PLEASE:</th>
<th>REMARKS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>E. SAKODA</td>
<td>F. Ching</td>
<td>See Me</td>
<td>From Mr. R. A. Land</td>
</tr>
<tr>
<td>W. Rozeboom</td>
<td>P. Haraguchi</td>
<td>Call</td>
<td>4 acres (putting green)</td>
</tr>
<tr>
<td>G. Bauer</td>
<td>N. Fujii</td>
<td>Review &amp; Comment</td>
<td></td>
</tr>
<tr>
<td>A. Okamura</td>
<td></td>
<td>Take Action</td>
<td></td>
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<td>Investigate &amp; Report</td>
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<td>Draft Reply</td>
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<td>Acknowledge Receipt</td>
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<td>Type Final</td>
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</tr>
</tbody>
</table>

**FOR YOUR:**

| | | Approval | $2000.00/month (x 2/3)
| --- | --- | --- | --- |
| G. AKITA | L. Nanbu | Signature | Used for irrigation)
| G. MATSUMOTO | E. LAU | Information | 2000 x 2/3 = $1,340
| L. CHANG | Y. SHIROMA | | 1,340 ÷ 1.46 = 918,000 gal/hr
| M. TAGOMORI | S. Kokubun | Mani rates for uses | 918,000 ÷ 30 = 30,600 gallons/hr

2 wk period = 1.46 gpm WWQ
say 35, 200 GDP
2012
30, 600 goldman/leap
FROM:     INITIAL:     TO:     INITIAL:

G. AKITA     L. Nanbu

E. Sakoda     G. Matsumoto
E. Lau     L. Chang
Y. Shiroma

FOR YOUR:

M. TAGOMORI     S. Kokubun

PLEASE:

See Me
Take Action By
Route to Your Branch
Review & Comment
Draft Reply
Acknowledge Receipt
Xerox copies
File
Mail

Approval
Signature
Information
January 30, 1992

Mr. Manabu Tagomori
Commission on Water Resource Management
Department of Land and Natural Resources
P. O. Box 621
Honolulu, Hawaii 96809

Re: Well Construction and Pump Installation Permit
Application(s), Kihei Koa Resort, Well No. 4527-10,
TMK 3-9-01:134, Kihei, Maui, Hawaii

Dear Mr. Tagomori:

This is to advise you that we are in favor of your approval
of the subject application since the applicant intends to use
nonpotable water for irrigation purposes.

Sincerely,

Dave Craddick
Director
December 24, 1991

Mr. Manabu Tagomori, Deputy Director
Commission on Water Resource Management
Department of Land and Natural Resources
State of Hawaii
P.O. Box 621
Honolulu, Hawaii 96809

Dear Mr. Tagomori:

SUBJECT: WELL CONSTRUCTION PERMIT APPLICATION
KIHEI KOA RESORT WELL
STATE WELL NO. 4527-10
KIHEI, MAUI

Thank you for the opportunity to review and comment on the subject document.

The application indicates that the proposed well will be used for lawn irrigation. Thus, Hawaii Administrative Rules, Title 11, Chapter 20, Potable Water Systems, will not be applicable. However, in the event that the proposed use of the well were to change, the Safe Drinking Water Branch must be notified.

If you should have any questions, please contact the Stuart Yamada of the Safe Drinking Water Branch at 586-4258.

Sincerely,

THOMAS E. ARIZUMI, P.E. Chief
Environmental Management Division

c: Robert Land
Koa Resort Association
811 S. Kihei Road, Unit 4D
Kihei, Maui, HI 96753
Mr. Clayton H. W. Hee
Chairman & Trustee At Large
Office of Hawaiian Affairs
1600 Kapiolani Blvd., Suite 1500
Honolulu, Hawaii 96814

Attn: Ms. Linda Delaney, Land & Natural Resources Division

Dear Mr. Hee:

Well Construction and Pump Installation Permit Application(s)

Transmitted for your review and comment is a copy of the following permit application(s):

<table>
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<td>Well Construction</td>
</tr>
</tbody>
</table>

Please review the application(s) pursuant to your area of concern and submit your comments to us, orally or in writing, ten (10) working days from date of this letter.

Should you have any questions, please contact Manabu Tagomori, Deputy Director at 587-0214.

Very truly yours,

WILLIAM W. PATY

Enc.
Honorable Hoaliku L. Drake  
Director  
Department of Hawaiian Home Lands  
State of Hawaii  
P.O. Box 1879  
Honolulu, Hawaii 96805

Dear Mrs. Drake:

Well Construction and Pump Installation Permit Application(s)

Transmitted for your review and comment is a copy of the following permit application(s):

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Should you have any questions, please contact Manabu Tagomori, Deputy Director at 587-0214.

Very truly yours,

WILLIAM W. PATY

Enc.
Mr. Thomas Arizumi, Chief
Environmental Management Division
State Department of Health
Five Waterfront Plaza
500 Ala Moana Blvd., Suite 250
Honolulu, Hawaii 96813

Attn: Mr. William Wong

Dear Mr. Arizumi:

Well Construction and Pump Installation Permit Application(s)

Transmitted for your review and comment is a copy of the following permit application(s):

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Should you have any questions, please contact the Division of Water Resource Management at 587-0225.

Sincerely,

[Signature]

MANABU TAGOMORI
Deputy Director

Enc.
MEMORANDUM

TO: Don Hibbard, Director
    Historic Preservation Program

FROM: Manabu Tagomori, Deputy Director
      Commission on Water Resource Management

SUBJECT: Well Construction and Pump Installation Permit Application(s)

Transmitted for your review and comment is a copy of the following permit application(s):

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Please review the application(s) pursuant to your area of concern and submit your comments to us, orally or in writing, ten (10) working days from date of this memo.

Should you have any questions, please contact the Division of Water Resource Management at 587-0225.

Enc.
Ms. Marjorie Ziegler  
Sierra Club Legal Defense Fund, Inc.  
212 Merchant Street, Room 202  
Honolulu, Hawaii 96813  

Dear Ms. Ziegler:  

Well Construction and Pump Installation Permit Application(s)  

Transmitted for your information are copies of recent well permit application(s):  

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Should you have questions, please contact the Division of Water Resource Management at 587-0225.

Sincerely,  

[Signature]  
MANABU TAGOMORI  
Deputy Director  

NF:fc  
Enc.
Ms. Rae Shikuma, Director  
Department of Water Supply  
County of Maui  
200 South High Street  
Wailuku, Maui, Hawaii 96793

Dear Ms. Shikuma:

**Well Construction and Pump Installation Permit Application(s)**

Transmitted for your review and comment is a copy of the following permit application(s):

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Please review the application(s) pursuant to your area of concern and submit your comments to us, orally or in writing, ten (10) working days from date of this letter.

Should you have any questions, please contact the Division of Water Resource Management at 587-0225.

Sincerely,

[Signature]

MANABU TAGOMORI  
Deputy Director

NF:fc

Enc.
December 8, 1991

Mr. R.A. Land
Koa Resort Association
Unit 4D
811 South Kihei
Kihei, Hawaii  98753

Dear Mr. Land:

We have received your application and filing fee for a permit to construct a well (Well No. 4527-10) at Kihei, Maui, (TMK 3-9-01:134). We are reviewing the application for completeness.

Should you have questions, please call the Division of Water Resource Management at 587-0225.

Sincerely,

[Signature]

MANABU TAGOMORI
Deputy Director

NF:fc
APPLICATION FOR
PUMP INSTALLATION PERMIT

INSTRUCTIONS: Please print or type and sign completed application with attachments to the Division of Water and Land Development, P.O. Box 375, Honolulu, Hawaii 96823. Application must be accompanied by a non-refundable filing fee of $110.00 payable to the Department of Land and Natural Resources. (Filing fee waived for government projects) If necessary, phone 644-1425, Hydrology Section for assistance.

1. WELL LOCATION
   Island: MAUI
   Tax Map Key: 23901 Div 2 Z-3 59
   Address: 811 So Kihei Rd, Kihei, HI 96753
   (Attach a USGS map (scale 1"=2000') and property tax map showing well location referenced to established property boundaries.)

2. WELL OWNER
   Firm Name: Koa Resort Assn.
   Contact Person: R.A. LAND
   Address: Unit 4D, 811 So Kihei Rd, Kihei, HI 96753
   Phone: 879-7045
   LANDOWNER
   Firm Name: Koa Resort Assn.
   Address: 811 So Kihei Rd, Kihei, HI 96753
   Phone: 879-6898

3. PROPOSED CONTRACTOR FOR:
   Name: ROSS MOSS
   Address: P.O. Box 80308, Honolulu, HI
   Phone: 879-6898

4. PROPOSED WORK
   Drill New Well
   Deepen
   Alter
   Install New Pump
   Replace Pump
   Redrill
   Abandon
   Modify Pump
   (Briefly describe the proposed work and fill in the diagram on the back of this form.)

5. PROPOSED USE
   Municipal (including hotels, stores, etc.)
   Military
   Domestic (individual, noncommercial water systems)
   Industrial
   Irrigation (specify) Land-water
   Other (specify)

6. PROPOSED AMOUNT OF WITHDRAWAL 5000 gallons per day

7. PROPOSED PUMP INFORMATION
   Pump Type: Vertical Turbine
   Submersible
   Centrifugal
   Motor: Diesel
   Gas
   Electric: 5 HP
   Rated Pump Capacity: 80 gallons per minute (gpm)

Signature: ALBERT S. VAUGHT
Date: 11-12-92

For Official Use Only:
Field Checked By: L. H. MCGREGOR
State Well No: 4527-10
Kihei-Koa Resort Well

State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
Division of Water Resource Management
Briefly describe the proposed work:
Drill a 30' deep water well to install an irrigation (lawn water) source for the condominium.

PROPOSED SECTION OF WELL

Elevation at top of casing
121 ft., msl.

Cement Grout 10 ft.

Hole Dia. 12 in.

Total Depth 36 ft.

Rock Packing 20 ft.

Ground Elev. 10 ft., msl*

Solid Casing:
Material STEEL ASTM A 678
Length 10 ft.
Diameter 8 5/8 in.
Wall thickness 1/4 in.

Casing: / /Perforated / /Screen
Material STEEL
Length 20 ft.
Diameter 8 5/8 in.
Wall thickness 1/4 in.
Openings % sq. in./L.F.
Open Hole:
Length 5 ft.
Diameter 8 in.

*Approximate elevation at time of filing application. Final elevation (msl) by a surveyor licensed by the State must be submitted at start of construction.
PAY TO THE ORDER OF DIVISION OF WATER & LAND

Twenty-Five and 00/100 DOLLARS

DIVISION OF WATER & LAND
P.O. BOX 373
HONOLULU, HI 96805

Kiner-Koa Resort Well
(Well No. 4527-10)

WELL CONSTRUCTION PERMIT

Jennifer Short