PUMP INSTALLATION PERMIT
Sunburst Equities, Well No. 122-91

In accordance with Department of Land and Natural Resources, Commission on Water Resource Management's Administrative Rules, Section 13-189, entitled “Water Use, Water, and Stream Diversion Works,” this document permits the pump installation for Sunburst Equities (Well No. 122-91) at Kilauea, Kauai, TMDK 6-2-4-34, subject to the Hawaii Well Construction & Pump Installation Standards (12357) which include but are not limited to the following conditions:

1. The Chairperson to the Commission on Water Resource Management (Chairperson), P.O. Box 321, Honolulu, HI 96809, shall be notified, in writing, at least ten (10) days before any work covered by this permit commences and shall be allowed to inspect installation activities in accordance with §13-189-10, PWSA Administrative Rules.

2. The pump installation permit shall be for installation of a 1/2 hp capacity, or less, pump in the well.

3. The permits, well operator, and/or well owner shall provide and maintain an approved meter or other appropriate means for measuring and reporting withdrawals and water levels, and appropriate devices or means for measuring chlorides and temperature. These data shall be measured monthly and reported to the Commission on an annual basis, on forms provided by the Chairperson (attached).

4. The proposed use shall not adversely impact existing or future legal uses of water in the area, including any surface water or groundwater flow standards. This permit is the authorization to pump water from a well shall not constitute a determination of compliance with all existing laws. The permits, well operator, and/or well owner are notified and by this provision understands that the quantity of water taken from the well could be reduced by the Commission at any time. This permit is not a covenant that the pump capacity permitted here or any term lesser amount is guaranteed in the future.

5. The permits, well operator, and/or well owner shall complete and submit as-built drawings and Part II - (Permanent) Pumps Installation Report of the Well Completion Report (attached) to the Chairperson within sixty (60) days after completion of work.

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

7. The pump installation permit application is incorporated into this permit by reference and is subject to the Hawaii Well Construction & Pump Installation Standards (12357). If the HWPCS are not followed and as a consequence violation is enacted or committed, all permits to the property may result.

8. The permit may be revoked 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 pump installation 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 thirty (30) months prior to the date the permit expires. If the commencement date is not met, the Commission may revoke the permit after giving the permits, well operator, and/or well owner notice of the proposed action and an opportunity to be heard.

9. If the well is not to be used it must be properly capped. If the well is to be abandoned then the permits, well operator, and/or well owner must comply with a well abandonment permit in accordance with §13-189-125 prior to any well boring or plugging work.

10. The permits, their 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 out of any act or omission on the part of the applicant, owners, employees, contractors, and agents under this permit or relating to or connected with the granting of this permit.

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

Date of Approval: April 27, 2001
Expiration Date: April 27, 2003

GILBERT S. COLOMA-AGARAN, Chairperson
Commission on Water Resource Management

I have read the conditions and terms of this permit and understand them. I consent 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 am the pump installer have signed, dated, and returned the permit to the Commissioner. I also understand that non-compliance with any permit condition may be grounds for prosecution and fine of up to $1000 per day starting from the permit issue date.

Permittee's Signature: [Signature]
Printed Name: [Printed Name]
Date: [Date]

Installer's Signature: [Signature]
Printed Name: [Printed Name]
License #: [License #]
Date: [Date]

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

Alcaldia

[Signature]
Department of Health

[Printed Name]
Department of Health

[Signature]

[Printed Name]
MEMO and ROUTE SLIP

WCR 1 Check for Well No. 2456-06 (survey to regulation memo)

1. **Pump Tests Check**
   - Glenn Bauer (initial)
   - **Step-Drawdown Test:**
     - followed WCPI Stds
     - analysis attached
     - proposed pump cap o.k.
   - **Aquifer Pump Test:**
     - followed WCPI Stds
     - T & S analysis attached
   - **Well Interference:**
     - estimated Steady-State drawdown at 1-mile radius is ________ ft.
     - analysis attached
   - **Stream Surface Water Impacted:**
     - Yes No

2. **Construction Check**
   - Mitch Ohye (initial)
   - Yes No
   - data complete
   - followed WCPI Stds
   - well database updated

3. Charley/Lenore/Ryan (initial) take action based on above analysis and double check with well check program again

4. Roy (initial) check

5. Susan Subia (initial) finalize

6. Linnel (initial) signature

7. Charley/Lenore/Ryan File

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Handwritten notes:

- Memos and ROUTE SLIP
- 04/27/01
- Identified a HWCPS mock needed
- Update clarifying
- Since not specified in Code, rules in HWCPS
Mr. Benjamin Garfinkle
Sunburst Equities, Inc.
P.O. Box 1139
Kilauea, HI 96754-1139

Dear Mr. Garfinkle:

Pump Installation Permit
Sunburst Equities (Well No. 1324-01)

Enclosed are two (2) originals of your approved Pump Installation Permit for the captioned well(s) that authorize permanent pump installation work for your well(s). As part of the Chairperson's approval, the following special conditions were added and are part of your permit under Permit Condition 11:

Special Conditions

1. If the elevation benchmark needs to be altered, the permittee, well operator, and/or well owner shall ensure that the benchmark is transferred (or the well resurveyed) and documentation of the new benchmark shall be submitted to the Commission within sixty (60) days after the pump is installed.

The permittee, well operator, and/or well owner are responsible for all conditions of the permit. 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.

Please sign and have the contractor sign both permit originals and return one for our files. A copy of your water use report form is enclosed for your use.

Except for the monthly water use report form, please provide copies of all the information in this packet to your pump installation contractor.

Finally, this letter is notice that we have accepted your Well Completion Report - Parts I & II as complete.

If you have any questions, please call Lenore Nakama of the Commission staff at 587-0218 or toll-free at 274-3141, extension 70218.

Aloha,

GILBERT S. COLOMA-AGARAN
Chairperson

Enclosure
Mr. Benjamin Garfinkle  
Sunburst Equities, Inc.  
P.O. Box 38  
Kilauea, HI 96754

Dear Mr. Garfinkle:

Pump Installation Permit  
Sunburst Equities (Well No. 1324-01)

Enclosed are two (2) originals of your approved Pump Installation Permit for the captioned well(s) that authorize permanent pump installation work for your well(s). As part of the Chairperson's approval, the following special conditions were added and are part of your permit under Permit Condition 11:

**Special Conditions**

1. If the elevation benchmark needs to be altered, the permittee, well operator, and/or well owner shall ensure that the benchmark is transferred (or the well resurveyed) and documentation of the new benchmark shall be submitted to the Commission within sixty (60) days after the pump is installed.

The permittee, well operator, and/or well owner are responsible for all conditions of the permit. 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.

Please sign and have the contractor sign both permit originals and return one for our files. A copy of your water use report form is enclosed for your use.

Except for the monthly water use report form, please provide copies of all the information in this packet to your pump installation contractor.

Finally, this letter is notice that we have accepted your Well Completion Report - Parts I & II as complete.

If you have any questions, please call Lenore Nakama of the Commission staff at 587-0218 or toll-free at 274-3141, extension 70218.

Aloha,

GILBERT S. COLOMA-AGARAN  
Chairperson

Enclosure
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 pump installation for Sunburst Equities (Well No. 1324-01) at Kilauea, Kauai, TMK 5-2-4:64, 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 to the Commission on Water Resource Management (Commission), P.O. Box 621, Honolulu, HI 96809, shall be notified, in writing, at least two (2) weeks before any work covered by this permit commences and staff shall be allowed to inspect installation activities in accordance with §13-168-15, Hawaii Administrative Rules.

2. The pump installation permit shall be for installation of a 16 gpm capacity, or less, pump in the well.

3. The permittee, well operator, and/or well owner shall provide and maintain an approved meter or other appropriate means for measuring and reporting withdrawals and water levels, and appropriate devices or means for measuring chlorides and temperature. These data shall be measured monthly and reported to the Commission on an annual basis, on forms provided by the Chairperson (attached).

4. The proposed use 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 pump water from a well shall not constitute a determination of correlative water rights. The permittee, well operator, and/or well owner are 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.

5. The permittee, well operator, and/or well owner shall complete and submit as-built drawings and Part II - (Permanent) Pump Installation Report of the Well Completion Report (attached) to the Chairperson within sixty (60) days after completion of work.

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

7. The pump installation permit application is incorporated into this permit by reference and is subject to the Hawaii Well Construction & Pump Installation Standards (1/23/97). If the HWCPIS are not followed and as a consequence water is wasted or contaminated, a lien on the property may result.

8. The permit may be revoked 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 pump installation 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.

9. 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.

10. 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 out of any act or omission of the applicant, assigns, officers, employees, contractors, and agents under this permit or relating to or connected with the granting of this permit.

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

Date of Approval: April 27, 2001
Expiration Date: April 27, 2003

GILBERT S. COLOMA-AGARAN, 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 pump installer 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: ____________________________

Installer's Signature: ____________________________ C-57, C-57a, or A 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.

Attachments
c: USGS
Department of Health/ Safe Drinking Water & Wastewater Branch
Kauai Department of Water Supply
WELL COMPLETION REPORT

(Check Appropriate Box) ☑ Well Construction ☑ (Permanent) Pump Installation

Instructions: Please print or type and submit completed report within 30 days after well completion to the Commission on Water Resource Management, P.O. Box 621, Honolulu, Hawaii 96809. An as-built drawing of the well and chemical analysis should also be submitted. For assistance call the Commission Regulation Branch at 587-0225, or 1-800-468-4644 Extension 70225.

1. State Well No.: 1324-01
   Well Name: Sunburst Equities
   Island: Kauai
2. Location/Address: Kilauea, Kauai
   Tax Map Key: 5-2-4-64

PART I. WELL CONSTRUCTION REPORT

3. Drilling Company: OASIS WATER
4. Name of driller who performed work: Barry Simmons
5. Type of rig/construction: Bluey
6. Date(s) Well Construction and pump tests (if any) completed: 2-1-01
7. GROUND ELEVATION (referenced to mean sea level, msl): 278.3 ft.
   Well Bench Mark (description/location): see attached
8. DRILLER'S LOG: Please attach geologic log (if available or if required by permit)

<table>
<thead>
<tr>
<th>Depths (ft.)</th>
<th>Rock Description, Water Level, Dates, etc.</th>
<th>Depths (ft.)</th>
<th>Rock Description, Water Level, Dates, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>to</td>
<td>(over)</td>
<td>to</td>
<td></td>
</tr>
</tbody>
</table>

9. Total depth of well below ground: 375 ft.
10. Hole size:
    - 13/2 inch dia. from ground ft. to 375 ft. below ground
    - _______ inch dia. from _______ ft. to _______ ft. below ground
    - _______ inch dia. from _______ ft. to _______ ft. below ground
11. Casing installed:
    - 6 in. I.D. x 3/16 in. wall solid section to 335 ft. below ground
    - 6 in. I.D. x 3/16 in. wall perforated section to 375 ft. below ground

Casing Material/Slot Size: PVC 1/4
12. Annulus:
    - Grouted from _______ ft. below ground to 195 ft. below ground
    - Gravel packed from _______ ft. below ground to _______ ft. below ground
13. Initial water level: 62 ft. below ground. Date and time of measurement: 2-1-01
14. Initial chloride: 35 ppm Date and time of sampling: 2-1-01
15. Initial temperature: 71 °F Date and time of measurement: 2-1-01
16. PUMPING TESTS: Reference Point (R.P.) used: _______ which elevation is _______ ft.
    - (1) Step-Drawdown Test Date
        - Start water level _______ ft. below R.P.
        - End water level _______ ft. below R.P.
    - (2) Long-term Aquifer Test Date
        - Start water level _______ ft. below R.P.
        - End water level _______ ft. below R.P.
17. Aquifer Pump Test Procedures data & graphs (1/96 LTAT Form) attached? _Yes ☑ No
18. As-built drawings attached? Yes ☑ No
19. Other remarks/comments: (On back of this form)

Well Drilling Contractor (print) OASIS WATER C-57 Lic. No. 21457
Signature
Date 4-25-01

Surveyor (print) see attached
Signature
Lic. No. __________
Date __________

Applicant (print) __________
Signature
Date 4-25-01
PART II. (PERMANENT) PUMP INSTALLATION REPORT

20. Pump Installation Company: **OASIS WATER**
21. Name of person performing work: **Steve Goldberg** 2-1-01
22. Date Pump Installation Completed: 2-1-01

23. PUMP INSTALLATION:
   - Pump Type, Make, Serial No.: **Sub-Grand Pos 16 30 - 24**
   - Capacity: 16 gpm
   - Motor type, H.P., Voltage, rpm: **Franklin 3hp 230 3450**
   - Depth of Pump Intake Setting: 320 ft. below ground, which elevation is 278.3 ft. below
   - Depth to bottom of airline: 
   - Pumping Head is 260 ft. Type of flow meter: ____________ which measures in

24. As-built drawings attached: Yes  No
25. Other remarks/comments: (See below)

Pump Installation Contractor (print) **Steve Goldberg** C-57 Lic. No. 21457
Signature ___________________________ Date 4-25-01

Applicant (print) **Beverly Goldberg**
Signature ___________________________ Date 4-25-01

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8. (cont'd) DRILLER'S LOG (cont'd):

<table>
<thead>
<tr>
<th>Dates (ft.)</th>
<th>Water Level</th>
<th>Depth (ft.)</th>
<th>Rock Description, Remarks</th>
<th>Water Level</th>
<th>Depth (ft.)</th>
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<td>Red Clay</td>
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<td>15 to 62</td>
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<td>Brown Clay</td>
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<td>68 to 100</td>
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<td>Red &amp; Brown Clay w/ Rock w2</td>
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<td>100 to 118</td>
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<td>Blue Rock (Hand)</td>
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<td>118 to 135</td>
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<td>Brown Clay</td>
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<td>135 to 172</td>
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<td>Fracture Rock jended w2</td>
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<tr>
<td>172 to 242</td>
<td></td>
<td>Brown Clay w/ Rock Streaks</td>
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<td>242 to 260</td>
<td></td>
<td>Blue Rock</td>
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<td>260 to 302</td>
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<td>Brown Clay w/ Fracture Rock</td>
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<td>302 to 360</td>
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<td>Grinders in Broken Rock( w2)</td>
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<td>360 to 375</td>
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<td>Blue Rock</td>
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2. 1974-01 **SUNBURST EQUITIES**

19 & 25. Remarks: ___________________________
WELL ELEVATION
WELL # 1324-01

OWNER: SUNBURST EQUITIES

T.M.K.(4)5-2-4:64

WELL No. 2-1394-01

PETER N. TAYLOR
LICENSED PROFESSIONAL LAND SURVEYOR
No. 9149

BENCH MARK USED: + ON CONC STEPS OF G.T.E.HAWAIIAN TELEPHONES'
KILAUEA BLDG, HAVING AN ELEVATION OF 319.87'
INFORMATION PROVIDED BY THE COUNTY OF KAUA'I SURVEY OFFICE.
PART II.  (PERMANENT) PUMP INSTALLATION REPORT

20. Pump Installation Company: OASIS WATCH
21. Name of person performing work:  STEVE GOLDBERG
22. Date Pump Installation Completed:  2-1-01
23. PUMP INSTALLATION:
   Pump Type, Make, Serial No.: SUB-GROUND Pumps 16530-24 Capacity: 16 gpm
   Motor type, H.P., Voltage, rpm: FRANKLIN 3HP 230 3450
   Depth of Pump Intake Setting: 320 ft. below ground, which elevation is 279.3 ft.
   Depth to bottom of airline: 279.3 ft. below ________, which elevation is _______ ft.
   Pumping Head is: 260 ft. Type of flow meter: _______ which measures in _______
24. As-built drawings attached:  Yes  No
25. Other remarks/comments:  (See below)

Pump Installation Contractor (print)  STEVE GOLDBERG  C-57 Lic. No.  21457
Signature

Applicant (print)  BRAD GAURKE
Signature

Date  4-25-01

8.(cont'd)  DRILLER'S LOG (cont'd):

<table>
<thead>
<tr>
<th>Water Level</th>
<th>Depth (ft.)</th>
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<th>Water Level</th>
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<td>Brown clay</td>
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<td>68 to 100</td>
<td>to</td>
<td>Red &amp; Brown clay/water</td>
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<td>100 to 118</td>
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<td>Blue Clay (Hend)</td>
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<td>118 to 135</td>
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<td>135 to 172</td>
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<td>Fractured Rock/Gravel</td>
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<td>172 to 242</td>
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<td>Brown Clay/Debris</td>
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<td>242 to 260</td>
<td>to</td>
<td>Blue Rock</td>
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<td>260 to 302</td>
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<td>Gravel/Debris</td>
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</table>

8-1974-01  SUNBURST EQUITIES

19. & 25. Remarks:
Oasis Water Systems, Inc.
P.O BOX 535
KILAUEA, HI 96754
Phone: 808-828-8876

June 3, 2000

State Of Hawaii
Water Commission
ATT: Lenore Nakama

Dear Sir,

Please be advised that Oasis Water, Inc. License No. C-21457, has finished work on the Anahola Well 0918-02, Sunburst Equities Well 1324-01, Bacon Family Trust Well 1120-29. I will be forwarding the Well Completion reports on these wells in the next few weeks along with the report on the Ryan Reasoner well # 0620-04 & Sustainable Kauai well # 1 (temporarily misplaced). We will begin work on the Gardner Well #0620-06 in the next few weeks.

Sincerely,

Steve Goldberg
Oasis Water Inc. C-21457
Oasis Water Systems, Inc.
P.O BOX 535
KILAUEA, HI 96754
Phone: 808-828-6876

April 2000

State Of Hawaii
Water Commission
ATT: Chairperson

Dear Sir,

Please be advised that Oasis Water, Inc. License No. C-21457, will begin work on the Anahola Well 0918-02, Sunburst Equities Well 1324-01, Bacon Family Trust Well 1120-29 in the next few weeks.

Sincerely,

Steve Goldberg
Oasis Water inc. C-21457
WELL CONSTRUCTION PERMIT

Sunburst Equities Well, Well No. 1324-01

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 Sunburst Equities Well (Well No. 1324-01) at Kiaweua, Kauai, TMK 5-2-4-6, subject to the Hawall Well Construction & Pump Installation Standards (123/97) 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 96809, shall be notified, in writing, at least two (2) weeks before any work authorized by this permit commences.

2. The well construction permit shall be for construction and testing of the well only. A minimum one-inch diameter monitor tube shall be permanently installed, in a manner acceptable to the Chairperson, to accurately record water levels. The permittee shall coordinate with the Chairperson and conduct a pumping test in accordance with the Standards (a pump testing worksheet is attached). The permittee 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 (4 times initial head) of the basal ground water unless otherwise authorized by the Chairperson.

4. The permittee 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 shall stop work and contact the Department's Historic Preservation Division (587-0045) 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 cumulative 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, masl) 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 results, including time, pumping rate, drawdown, chloride content, and other data.

8. The permittee shall comply with all applicable laws, rules, and ordinances, and 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 (123/97).

10. The permit may be revoked 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 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 must apply for a well abandonment permit in accordance with §13-168-12(f) prior to any well sealing or plugging work.

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

Date of Approval: May 25, 1997
Expiration Date: May 25, 1999

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. 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: 4/18/2000
Printed Name: Timothy G. Gardner
Firm or Title: Owner

Driller's Signature: ___________________________ License #: 21457 Date: 3-16-00
Printed Name: Steve Goldberg
Firm or Title: Oasis Water U.P.

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

Attachment:
A. USGS
   Department of Health/ Safe Drinking Water, Wastewater, and Clean Water Branches
   Kauai Department of Water Supply
WELL CONSTRUCTION PERMIT

Sunburst Equities Well, Well No. 1324-01

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 Sunburst Equities Well (Well No. 1324-01) at Kukuiia, Kauai, TMK 6-2-4-54, subject to the Hawaii Well Construction & Pump Installation Standards (123/67) 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 96809, shall be notified in writing, at least two (2) weeks before any work authorized by this permit commences.

2. The well construction permit shall be for construction and testing of the well only. A minimum one-inch diameter monitor tube shall be permanently installed, in a manner acceptable to the Chairperson, to accurately record water levels. The permittee shall coordinate with the Chairperson and conduct a pumping test in accordance with the Standards when the well is to be tested. The permittee shall submit to the Chairperson the 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 basalt ground water, the depth of the well may not exceed one-fourth (1/4) of the theoretical thickness (41 times initial head) of the basalt ground water unless otherwise authorized by the Chairperson. The permittee 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.

4. In the event that subsurface cultural remains such as artifacts, burials or concentrations of shells or charcoal are encountered during construction, the permittee shall stop work and contact the Department's Historic Preservation Division (587-0045) immediately.

5. 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.

6. 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-Issued 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.

7. The permittee shall comply with all applicable laws, rules, and ordinances, and 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 (123/67).

10. The permit may be revoked 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 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 must apply for a well abandonment permit in accordance with §13-168-12(i) prior to any well sealing or plugging work.

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

Date of Approval: May 28, 1997
Expiration Date: May 28, 1999

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. 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: ___________

Driller’s Signature: ___________ 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.

Attachment
C: USGS
Department of Health/Safe Drinking Water, Wastewater, and Clean Water Branches
Kauai Department of Water Supply
Mr. Benjamin Garfinkle
Sunburst Equities, Inc.
P.O. Box 38
Kilauea, HI 96754

Dear Mr. Garfinkle:

Well Construction Permit
Sunburst Equities Well (Well No. 1324-01)

From a July 8, 1999 telephone conversation with your well drilling contractor, Oasis Water Systems, Inc., we understand that construction of Well No. 1324-01 has been delayed due to scheduling conflicts and that you would like a two-year extension of the subject permit, which expired on May 28, 1999.

Although Condition 10 of your permit provides for an extension of the permit if a request is made no later than three (3) months prior to the expiration date, we will allow this one-time extension of the subject permit. The new expiration date is May 28, 2001. Please do not forget to return a validated copy of the permit prior to the start of construction activities.

nore Nakama of the Commission staff at

587-02 9-30-99
Called Steve Goldberg, left
message to sign permit

Called Ben Garfinkle, left
message to sign permit
2 times

LN:ss

T. NISHIOKA
Director
Mr. Benjamin Garfinkle
Sunburst Equities, Inc.
P.O. Box 38
Kilauea, Hawaii 96754

Dear Mr. Garfinkle:

Well Construction Permit
Sunburst Equities (Well No. 1324-01)

Enclosed are two (2) copies of your approved Well Construction Permit for the captioned well(s) which authorizes 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 12:

Special Conditions

1. The wall thickness of well casing shall be selected in accordance with good design practices applied with due consideration to conditions at the site of the well and shall be sufficient to withstand anticipated formation and hydrostatic pressures imposed on the casing during its installation, grouting, well development, and use.

2. All wells (excepting salt-water wells, artesian wells, and temporary monitor wells designed for immediate or short-term monitoring purposes and subsequent abandonment/sealing) shall be constructed with a casing string having a minimum length of solid casing equal to 90 percent of the depth measured from the ground surface to the top of the selected aquifer, less 10%.

3. To prevent surface contamination, the annular space of all cased non-artesian wells (except monitor wells designed for immediate and short-term monitoring purposes and subsequent abandonment) must be sealed with grout from the ground surface to a minimum depth of 500 feet or 70% of the vertical distance between the ground surface and the top of the aquifer selected for exploration, long-term monitoring, or development, whichever depth is less.

This permit does not authorize work for your permanent pump installation. Approval and issuance of your pump installation permit is contingent upon 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. Please note that special conditions may simply highlight application deviations from the Standards.
The well owner is 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.

To validate your 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. Please provide all the information in this packet to your well drilling contractor.

Also attached for your information is a copy of the Department of Health's review comments.

If you have any questions, please call the Commission staff at 587-0218 or toll-free at 274-3141, extension 70218.

Aloha,

MICHAEL D. WILSON
Chairperson

Enclosures
WELL CONSTRUCTION PERMIT
Sunburst Equities Well, Well No. 132-01

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 Sunburst Equities Well (Well No. 1324-01) at Kilauea, Kauai, TMK 5-2-4-64, subject to the Hawaii Water 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 96809, shall be notified, in writing, at least two (2) weeks before any work authorized by this permit commences.

2. The well construction permit shall be for construction and testing of the well only. A minimum one-inch diameter monitor tube shall be permanently installed, in a manner acceptable to the Chairperson, to accurately record water levels. The permittee shall coordinate with the Chairperson and conduct a pumping test in accordance with the Standards (a pump testing worksheet is attached). The permittee 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 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 shall stop work and contact the Department's Historic Preservation Division (587-0045) 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 shall comply with all applicable laws, rules, and ordinances, and 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 Water Construction & Pump Installation Standards (1/23/97).

10. The permit may be revoked 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 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 must apply for a well abandonment permit in accordance with §13-168-12(f) prior to any well sealing or plugging work.

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

Date of Approval: May 28, 1997
Expiration Date: May 28, 1999

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. 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: ___________________________

Driller’s Signature: ___________________________ 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.

Attachment

USGS
Department of Health/ Safe Drinking Water, Wastewater, and Clean Water Branches
Kauai Department of Water Supply
### SECTION 1: WELL LOCATION INFORMATION

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<tr>
<th>Island</th>
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<td>Proposed Withdrawal</td>
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### SECTION 2: WELL SECTION DATA

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### SECTION 3: CHECKLIST

| Well Depth | Theoretical Thickness of Aquifer | 287 ft. |
|           | 1/4 Aquifer Thickness            | 71.75 ft. |
|           | Depth of Well below Sea Level    | 55 ft. okay (refer to HWCPIS Section 2.2) |

| Well Casing | Minimum Wall Thickness | PVC |
|            | Material                | non-county |
|            | County or Non-County   | non-county |
|            | Minimum Thickness per standards | #N/A in. |

|                | Wall Thickness Provided | 0.000 in. #N/A (refer to HWCPIS Section 2.4 c) |
|                | Minimum Length of Solid Casing | 236.7 ft. |
|                | 90% of ground to top of aquifer | 0 ft. too shallow (refer to HWCPIS Section 2.4 d) |
|                | Casing Material Provided | #N/A (refer to HWCPIS Section 2.4 e) |

| Annular Space | Calculated Depth of Grouting | 184.1 ft. |
|              | Depth of Grouting provided | 50 ft. not enough (refer to HWCPIS Section 2.6 c) |
|              | Thickness of Annular Space | 4 in. okay (refer to HWCPIS Section 2.6 d) |
TO: Honorable Lawrence Miike, Director
   Department of Health
   Attention: Dennis Tulang, Wastewater Branch
   William Wong, Safe Drinking Water Branch

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

SUBJECT: Well Construction Permit Application
   Sunburst Equities (Well No. 1324-01)

Transmitted for your review and comment is a copy of the captioned well 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 April 21, 1997.

Please find a map, attached, to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Lenore Nakama of the Commission staff at 587-0218.

RESPONSE:

[ ] This well 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) 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.

[X] 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.

[X] 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 connections by physically separating potable and non-potable systems by an air gap or an approved backflow preventer, and 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 located near the proposed well site (information attached).

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

[ ] No comments/objections

Contact Person: William Wong
Phone: 586-4258

Signed: John Ahart Zane
Date: 04/04/97
TO: Honorable Lawrence Miike, Director
   Department of Health
   Attention: Dennis Tulang, Wastewater Branch
   William Wong, Safe Drinking Water Branch

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

SUBJECT: Well Construction Permit Application
          Sunburst Equities (Well No. 1324-01)

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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 April 21, 1997.

Please find a map, attached, to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Lenore Nakama of the Commission staff at 587-0218.

RESPONSE:

[ ] This well 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) 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.

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[ ] For the applicant's information, a source of possible wastewater contamination is located near the proposed well site (information attached).

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

No comments/objections (thank you!)

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

Signed: Loui N. Kajiwara
Date: 4/14/97
Mr. Benjamin Garfinkle  
Sunburst Equities, Inc.  
P.O. Box 38  
Kilauea, HI 96754

Dear Mr. Garfinkle:

Well Construction / Pump Installation Permit Application for Well No. 1324-01

Thank you for submitting mapped information as requested in our letter of March 4, 1997. With regard to your well drilling contractor’s C-57 license number, we understand that he is in the process of obtaining a Hawaii license. We will continue to process your permit application, but be advised that the submittal of your contractor’s C-57 license number prior to the actual start of construction work will be a special condition of your permit.

If you have any questions about your permit application, please contact Lenore Nakama of the Commission staff at 587-0218.

Sincerely,

RAE M. LOUI  
Deputy Director

LN:ss
Transmitted for your review and comment is a copy of the captioned well 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 April 21, 1997.

Please find a map, attached, to locate the proposed well. If you have any questions about this permit application, request additional information, or request additional review time, please contact Lenore Nakama of the Commission staff at 587-0218.

RESPONSE:

[ ] This well 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) 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.

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[ ] For the applicant's information, a source of possible wastewater contamination is located near the proposed well site (information attached).

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

[ ] No comments/objections

Contact Person: ____________________________ Phone: ____________________________

Signed: ____________________________ Date: ____________________________
March 12, 1997

Mr. Ben Garfinkle
P.O. Box 38
Kilauea, HI 96754

Mr. Rae M. Loui, P.E., Deputy
Dept. of Land and Natural Resources
Commission on Water Resource Management
P.O. Box 621
Honolulu, HI 96809

Dear Mr. Loui:

Enclosed please find the information you requested in order to complete my Well Construction / Pump Installation Permit Application, as follows: USGS map; Property tax map; and, as I have rented a well drilling rig and am the property owner, I have enclosed a copy of my rig operator's Texas license. He is in the process of obtaining his Hawaii License at this time.

Please call me at (808) 828-1913 if you have any questions or need any additional information.

Sincerely,

Benjamin Garfinkle

BG:sg
Mr. Ben Garfinkle
Sunburst Equities, Inc.
P.O. Box 38
Kilauea, HI 96754

Dear Mr. Garfinkle:

Well Construction / Pump Installation Permit Application

We have received your well construction/pump installation permit application and filing fee for the Sunburst Equities Well. However, your application is incomplete. Matters which must be addressed before we accept your application as complete are as follows:

1. USGS map, scale 1"=2000' showing well location referenced to established property boundaries.

2. Property tax map showing well location referenced to established property boundaries.

3. Contractor's C-57 License No.

Upon receipt of the above information, we will accept your application as complete and you can then expect your application to be processed within ninety (90) days.

If you have any questions about your permit application, please contact Lenore Nakama of the Commission staff at 587-0218 or toll-free at 274-3141, extension 70218.

Sincerely,

RAE M. LOUI
Deputy Director

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<td>TOTAL 25.00</td>
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**REMARKS:**

LINE (1) Sunburst Equities Well

LINE (2) 

LINE (3) 

LINE (4)
APPLICATION FOR PERMIT

Well Construction 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 96805. 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 587-0225.

1. APPLICANT: (circle primary contact a, b, or c) Primary Fax: 808 836-2950
   (a) WELL OWNER
      Firm/Name: Sunquest Equities
      Contact Person: Duke Patao
      Address: P.O. Box 381139
      Address: Honolulu, Hi 96814
   (b) LANDOWNER
      Firm/Name: Sunquest Equities
      Contact Person: Duke Patao
      Address: P.O. Box 381139
      Address: Honolulu, Hi 96814
   (c) CONTRACTOR
      Firm/Name: Sunquest Equities
      Contact Person: Duke Patao
      Address: P.O. Box 381139
      Address: Honolulu, Hi 96814

2. WELL LOCATION/NAME: Sunquest Equities Island: Kauai
   Address: 2355 Canyon D Road
   Tax Map Key: 451 464
   (Attach a USGS map, scale 1"=2000", and a property tax map showing well location referenced to established property boundaries.)

3. (a) PROPOSED WORK:
       - New Well
       - Deepen
       - Install New Pump
       - Modify Existing Well
       - Redrill
       - Modify Pump
       - Abandon/Seal *
       - Replace Pump

   * Be sure to complete and submit well abandonment report upon completion of work.

   (b) WELL TYPE:
       - Dug
       - Bored
       - Driven
       - Driilled
       - Radial

       Is this well a part of a battery of wells? Yes

       (Briefly describe and fill in the diagram on the back of this form.)

4. PROPOSED PUMP INFORMATION:
   Rated Pump Capacity: 20 gallons per minute
   Pump Type:
   - Deep Well Turbine
   - Rotary
   - Submersible
   - Centrifugal
   - Motor:
     - Rotary-Displacement
     - Reciprocating
     - Impulse
     - Electric, rated horsepower:
     - Natural Gas
     - Diesel
     - Gas
     - Gas
     - Water

   If Pump Replacement, Existing Pump Capacity: __________ gallons per minute

5. PROPOSED USE:
   - Municipal (including hotels, stores, etc.)
   - Military
   - Domestic (individual, noncommercial water sys.)
   - Industrial
   - Irrigation (crop)
   - Other (explain)

6. (a) PROPOSED AMOUNT OF WITHDRAWAL: 1000 gallons per day

   (b) METHOD OF FLOW MEASUREMENT:
       - Flowmeter
       - Open-pipe
       - Orifice Plate
       - Weir

7. PENDING ACTIONS:
   - CDUA
   - SMA
   - EIS
   - EA
   - NONE
   - Other (explain)
   Completion Date: __________

8. REMARKS, EXPLANATIONS:
   This well will be used primarily for our Farm on Kauai

   (If more space is needed, continue on back)

I 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 30 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 correlative water rights and shall not guarantee the pump capacity or future use up to the permitted pump capacity.

Well Owner: __________
Signature: __________
Date: __________
Landowner: __________
Signature: __________
Date: __________
Contractor: __________
Signature: __________
Date: __________

For Official Use Only:
Date Received: __________
Date Accepted: __________
Field Checked By: __________
Date: __________
Longitude: __________
Latitude: __________
Aquifer System Name: Kilauea
State Well No: 1224-01

7/16/95 WCPI Form
8. Remarks, Explanations (cont'd):

9. PROPOSED WELL SECTION

Elevation at top of casing

\[ 250 \text{ ft.} \]

Ground Elevation: \[ 20 \text{ ft.} \]

Cement Grout: \[ 50 \text{ ft.} \]

Solid Casing:
- Material
- Length [ft.]
- Diameter [in.]
- Wall thickness [in.]

Rock Packing: \[ 50 \text{ ft.} \]

Hole Diameter: 8 in.

Total Depth: \[ 325 \text{ ft.} \]

Casing: ☐ Perforated ☐ Screen
- Material
- Length [ft.]
- Diameter [in.]
- Wall thickness [in.]
- Openings [sq. in.] [A.F.]

Open Hole:
- Length [ft.]
- Diameter [in.]

*Approximate elevation at time of filing application. Ground elevation above mean sea level (msl) by a surveyor licensed by the State must be submitted at start of construction. Final elevations of well components shall be submitted in the well completion/well abandonment reports.
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY SUPERVISION AS DEFINED IN SECTION 1.2(F). THE RULES AND REGULATIONS OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND

OWNER

ZINN FIRST FJLITIES INC.