CHECKLIST

**WELL CONSTRUCTION PERMIT**

**WELL NAME or LOCATION:** Hawaiian Paradise Park, Newmans Island, Hawaii  
**WELL NUMBER:** 3587-02  
**Tax Map Key:** 1-5-68:249

**OWNER/OPERATOR:**  
**Firm Name:** Newmans Nursery  
**Contact Person:** Jeffrey Newman  
**Address:** Box 11023 Star Route Keaau, HI 96749  
**Phone:** 966-4545

**LANDOWNER:**  
**Firm Name:** same  
**Contact Person:**  
**Address:**  
**Phone:**

**Date application received:** 16 Mar. 1992  
**Date acknowledged receipt/request more info:**

**Date application accepted:**

**Suspense date (90 days):**

**Date filing fee deposited:**

**Application sent to following:**  
<table>
<thead>
<tr>
<th>Dept. of Hawn Home Lands</th>
<th>Date sent</th>
<th>Comments received</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dept. of Health</td>
<td>4/19/92</td>
<td></td>
</tr>
<tr>
<td>Office of Hawn. Affairs</td>
<td>4/19/92</td>
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<tr>
<td>State Hist Pres Div</td>
<td>4/19/92</td>
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<tr>
<td>Dept/Ed of Water Supply</td>
<td>3/30/92</td>
<td>4/6/92 (Takawa)</td>
</tr>
<tr>
<td>Sierra Club L. D. F.</td>
<td>3/30/92</td>
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<tr>
<td>Koolauloa NB #28 (Oahu)</td>
<td>3/30/92</td>
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<tr>
<td>Dept.Pub. Wrks (Hawaii)</td>
<td>3/30/92</td>
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<tr>
<td>Additional List (Molokai)</td>
<td>3/30/92</td>
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</tr>
</tbody>
</table>

**Date agenda due:**

**Date submittal due:**

**Date submittal sent to applicant:**

**Date application approved or disapproved:**

**Date applicant notified of decision:**

**REMARKS:**

<table>
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WELL CONSTRUCTION AND PUMP INSTALLATION PERMIT

for

Hawaiian Paradise Park-Newmans Nursery Well
Well No. 3587-02
Hawaiian Paradise Park, Hawaii

TO:    Newmans Nursery
        Box 11023 Star Route
        Keaau, HI 96749

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 Hawaiian Paradise Park-Newmans Nursery Well (Well No. 3587-02), for irrigation use, is approved subject to the following conditions:

1. The Commission on Water Resource Management staff (Commission staff), P.O. Box 621, 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 50 gpm capacity pump in the well, as determined by the pumping test results. The applicant shall submit to the Commission staff 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 the Commission staff within 30 days after completion of the work:
   a. Well Completion Report.
   b. Elevation (referenced to mean sea level) 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 record; including time, pumping rate, drawdown, chloride content, and water quality data.

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.

8. Water from the well shall not be used for drinking water unless properly tested and treated.

[Signature]
WILLIAM W. PATY, Chairperson
Commission on Water Resource Management
JUN 18 1992
Date of Issuance
WELL CONSTRUCTION AND PUMP INSTALLATION PERMIT
Well No. 3587-02

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

Applicant's Signature: ___________________________ Date: __________________

Printed Name: ________________________________

Firm or Title: _________________________________

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

Enclosures
cc: USGS
    Department of Health
        Safe Drinking Water Branch
        Ground Water Protection Program
    Hawaii Department of Water Supply
The Honorable William W. Paty, Chairperson
Commission on Water Resource Management
Department of Land and Natural Resources
P. O. Box 621
Honolulu, Hawaii 96809

Dear Mr. Paty:

Well Construction and Pump Installation Permits
Stream Alteration Permit

Thank you for the opportunity to comment on the following applications:

Moloaa-Roger (1120-10)
Hawaiian Paradise Park-Newmans Nursery (3587-02)
Haiku-Robertson (5615-01)

Makawao Stream Bridge, Maunawili

These projects are not expected to affect Hawaiian Home Lands, and we have no direct comment. We would like to raise some considerations, however.

1. The Moloaa well is another small private well, joining many others in this same area. Understanding private property prerogatives, the situation nonetheless raises the question whether the State has an interest in reducing the potential of aquifer contamination from a multiplicity of wells. Is there a vehicle for encouraging the cooperation of the several parties in a joint management system, or even a community system that can serve all parties?

2. The Makuu well (Paradise Park) is near Hawaiian Home Lands, where the Department will be making improvements for 177 agricultural lots covering 725 acres. DHHL
The Honorable William W. Paty, Chairperson  
Page 2  
May 12, 1992

anticipates the need for 89 Kgd potable domestic water, and 1.45 Mgd in irrigation water at full development. Improvements are scheduled for 1996. This represents only partial development of Hawaiian Home Lands at Makuu (totalling 2000 acres).

Should you have any questions, please contact me at 586-3800 or our Planning Office at 586-3836.

Warmest aloha,

Hollis L. Drake, Chairman
Hawaiian Homes Commission

HLD:BH:CI/1639L.46
MEMORANDUM

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

FROM: Don Hibbard, Administrator
    State Historic Preservation Division

SUBJECT: Well Construction and Pump Installation Permit Application--
         Hawaiian Paradise Park-Newman's Nursery, Keaau
         (Well No. 3587-02)
         Keaau, Puna, Island of Hawaii
         TMK: 1-5-48: 249

HISTORIC PRESERVATION PROGRAM CONCERNS:

Recent field checks in other sections surrounding the subject parcel in the
subdivision has shown that most of the area has been graded "aa". Under these
conditions, no significant historic sites are expected to be present. Hence, the
subject action will have "no effect" on historic sites.

We should note that this section of Puna is fairly well known for containing
several large lava tubes that were used pre-historically and have significance in
terms of our historic sites criteria. If such a tube is discovered during the
project, our office should be notified immediately. If you have any questions,
please have your staff contact Kanalei Shun at 587-0007.

KS:amk
Well Name: Moloa - Kaaumoana
Use: Domestic, for lawn and outdoor shower
HWP: A. Not listed in Kauai WUDP
     B. Aquifer Sector: Lihue
     C. Aquifer System: Anahola, S.Y. = 36 mgd
     D. Existing Water Withdrawal (system) = 6.96 mgd
     E. 20-year Water Need (system) = 15.71 mgd
        Long-range Water Need (system) = 18.10 mgd
Comments: 1) Applicant requested non-potable water but specified domestic use.
           2) Response should include condition statement regarding health standards.

Well Name: Hawaiian Paradise Park - Newman
Use: Irrigation, flower nursery
HWP: A. Not listed in Hawaii WUDP
     B. Aquifer Sector: Kilauea
     C. Aquifer System: Pahoa, S.Y. = 435 mgd
     D. Existing Water Withdrawal (system) = 0.49 mgd
     E. 2010 Water Need (sector) = 10.17 mgd
Comments: 1) Land use classification for the proposed area is stated as "other uses". These uses have not been defined. Undefined.
April 20, 1992

MR MANABU TAGOMORI  DEPUTY DIRECTOR  
STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
COMMISSION ON WATER RESOURCE MANAGEMENT  
P O BOX 621  
HONOLULU HI 96809  

SUBJECT:  WELL CONSTRUCTION PERMIT APPLICATION  
Hawaiian Paradise Park - Newmans Nursery Well  
Well No. 3587-02  
Hawaiian Paradise Park, Puna, Hawaii  
TMK: 1-5-48: 249  

We have reviewed the subject permit application and have no objections to the proposed well being constructed.

ROBERT M. YANABU, Division Chief  
Engineering Division  

EY:jjs
Ms. Rae Loui, Deputy Director  
Commission on Water Resource Management  
Department of Land and Natural Resources  
State of Hawaii  
P.O. Box 621  
Honolulu, Hawaii 96809  

Dear Ms. Loui:  

SUBJECT: WELL CONSTRUCTION PERMIT APPLICATION  
HAWAIIAN PARADISE PARK-NEWMANS NURSERY WELL  
STATE WELL NO. 3587-02  
PUNA, HAWAII  

Thank you for the opportunity to review and comment on the subject document. We have examined the application and have the following comments to offer:  

1. The application indicates that the proposed well will be used to irrigate a flower nursery. 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.  

2. If the irrigation system is supplemented with potable water, adequate measures must be taken to eliminate cross-connections and backflow conditions. The potable and nonpotable water systems should be clearly labeled and physically separated by an air gap or an approved backflow preventer to avoid contaminating the potable water supply. In addition, all nonpotable spigots and irrigated areas should be clearly labeled with warning signs to prevent the inadvertent consumption of nonpotable water.  

3. The proposed well is situated above the Underground Injection Control (UIC) line. Land areas above the UIC line are considered to contain underground sources of drinking water. Thus, it is essential that the well be designed and constructed to prevent the possibility of groundwater contamination. For example, the well should have a concrete well pad and full grouting to prevent seepage or floodwaters from migrating down the well shaft.
4. The operation of the well should not be allowed to adversely affect the water quality of nearby water wells. The map accompanying the application indicates that the proposed well will be located approximately 3,000 feet upgradient of state well no. 3587-01.

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

Sincerely,

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

C: Jeffrey Newman
Newmans Nursery
Box 11023 Star Route
Keaau, HI 96749
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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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 Rae M. Loui, Deputy Director at 587-0214.

Very truly yours,

WILLIAM W. PATY

Enc.
Mr. Clayton H. W. Hee
Chairman & Trustee At Large
Office of Hawaiian Affairs
711 Kapiolani Blvd., Suite 500
Honolulu, Hawaii 96813-5249

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

Dear Mr. Hee:

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Very truly yours,

WILLIAM W. PATY

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Mr. Clayton H. W. Hee  
Chairman & Trustee At Large  
Office of Hawaiian Affairs  
711 Kapiolani Blvd., Suite 500  
Honolulu, Hawaii 96813-5249  

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Should you have any questions, please contact Rae M. Loui, Deputy Director at 587-0214.  

Very truly yours,  

[Signature]  

WILLIAM W. PATY  

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

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Should you have any questions, please contact Rae M. Loui, Deputy Director at 587-0214.

Very truly yours,

WILLIAM W. PATY

Enc.
MEMORANDUM

TO: Don Hibbard, Director
    Historic Preservation Program

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

SUBJECT: Well Construction and Pump Installation 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 Commission on Water Resource Management staff 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 Commission on Water Resource Management staff at 587-0225.

Sincerely,

[Signature]

RAE M. LOUI
Deputy Director
Mr. Bruce C. McClure  
Chief Engineer  
Department of Public Works  
County of Hawaii  
25 Aupuni Street  
Hilo, Hawaii  96720

Dear Mr. McClure:

Well Construction and Pump Installation Permit Application(s)

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Should you have any questions, please contact the Commission on Water Resource Management staff at 587-0225.

Sincerely,

RAE M. LOUI  
Deputy Director

NF:ky  
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)  

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Should you have any questions, please contact the Commission on Water Resource Management staff at 587-0225.  

Sincerely,  

RAE M. LOUI  
Deputy Director  

NF:ky  
Enc.
Mr. William Sewake, Manager  
Department of Water Supply  
County of Hawaii  
25 Aupuni Street  
Hilo, Hawaii  96720

Dear Mr. Sewake:

Well Construction and Pump Installation Permit Application(s)

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Should you have any questions, please contact the Commission on Water Resource Management staff at 587-0225.

Sincerely,

RAE M. LOUI  
Deputy Director

NF:ky
Enc.
Mr. Jeffery Newman  
Newmans Nursery  
Box 11023 Star Route  
Keaau, Hawaii 96749

Dear Mr. Newman:

We have received your application and filing fee for a permit to construct a well (Well No. 3587-02) at Hawaiian Paradise Park, Hawaii, (TMK 1-5-48:249). We are reviewing the application for completeness.

Should you have questions, please call the Commission on Water Resource Management staff at 587-0225.

Sincerely,

[Signature]

RAE M. LOUI  
Deputy Director

NF:ky
APPLICATION FOR: □ Well Construction or □ Pump Installation PERMIT

Instructions: Please print or type and send completed application with attachments to the Div. of Water Resource Management, P.O. Box 373, Honolulu, Hawaii 96809. Application must be accompanied by a non-refundable filing fee of $25.00 payable to the Dept. of Land and Natural Resources. (Filing fee waived for government agencies.) If necessary, phone 348-7643, Hydrology/Geology Section for assistance.

Hawaiian Paradise Park- Newmans Nursery Well

1. WELL LOCATION/NAME: Hawaiian Paradise Island Hawaii
   Address 15th St. Hawaiian Paradise Park Subd. Tax Map Key 3-1-5-48-249
   (Attach a USGS map, scale 1"=2000", and a property tax map showing well location referenced to established property boundaries.)

2. (a) WELL OWNER:
   Firm Name Newmans Nursery
   Contact Person Jeffrey Newman
   Address Box 11023 Star Route
   Keaau, HI 96749 Ph 966-4545

(b) LANDOWNER:
   Firm Name Same
   Contact Person
   Address
   Ph

3. PROPOSED CONTRACTOR:
   Name Fred Page Drilling International
   Address Box 1930 Keaau HI 96749
   Contractor’s License No. C-16653
   Phone 982-5522

4. PROPOSED WORK:
   □ Drill New Well □ Deepen □ Redrill
   □ Alter □ Seal □ Abandon
   □ Install New Pump □ Replace Pump □ 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 use) □ Industrial
   □ Irrigation (specify) Flower Nursery □ Other (specify)

6. PROPOSED AMOUNT OF WITHDRAWAL: 50,000 gallons per day

7. PROPOSED PUMP INFORMATION:
   Pump Type:
   □ Vertical Turbine □ Diesel
   □ Submersible □ Gas
   □ Centrifugal □ Electric, at a rated horsepower of
   Motor:
   □ Vertical Turbine □ Diesel
   □ Submersible □ Gas
   □ Centrifugal □ Electric, at a rated horsepower of
   Rated Pump Capacity:
   Gallons per minute

Well Owner (print) Newmans Nursery
Signature Jeffrey B. Newman
Date 3/11/92

Landowner (print) Emil H. Newman
Signature
Date 3/11/92

For Official Use Only:
Field Checked By
Date
Latitude
Longitude
Hydrologic Unit
State Well No. 3587-02

Briefly describe the proposed work:

Drill well and install pump for irrigation of flower nursery.

PROPOSED SECTION OF WELL

Elevation at top of casing: 141 ft., msl.

Cement Grout: 140 ft.

Hole Diameter: 10 in.

Total Depth: 155 ft.

Rock Packing: 15 ft.

Ground Elevation: 140 ft., msl

Solid Casing:

Material: PVC
Length: 145 ft.
Diameter: 5 in.
Wall thickness: 1/4 in.

Casing: □ Perforated □ Screen

Material: PVC
Length: 10 ft.
Diameter: 5 in.
Wall thickness: 1/4 in.
Openings: 1/8 slots sq. in./L.F.

Open Hole:
Length: 
Diameter: 

*Approximate elevation at time of filing application. Final elevation (msl) by a surveyor licensed by the State must be submitted at start of construction.
JEFFREY B. NEWMAN  377-00-6599
DBA NEWMAN'S NURSERY
SR 11023  966-4545
KEAAU, HAWAII  96749

Pay to the Order of Dept. of Land and Natural Resources $ 25,000

Hilo Branch
212 Kamahameha Avenue
Hilo, Hawaii  96720
A Federal Savings Bank

HONIFEDBANK

For Application Fee - Well

Jeffrey B. Newman

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