FROM: ROY  
TO:   
INIT:  
TO:   
INIT:  
FOR:   
PLEASE:   

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? from:  Yes
January 31, 2005

Mr. Peter Young, Chairperson
Commission on Water Resource Management
Dept. Land & Natural Resources
P.O. Box 621
Honolulu HI 96778

RE: Mika #1 Well (Well No. 3586-05)

Dear Mr. Young;
I wish to inform you that the commencement of construction for the above referenced well will begin during week ending 02/26/2005. This letter is in accordance with 13-168-15 Hawaii Administrative Rules as posted on the well construction permit.

Thank you.

Sincerely,
FRED PAGE DRILLING INTERNATIONAL INC.

Fred J. Page
President
January 31, 2005

Mr. Noi Phanucharas
14 Westwind St.
Marina Del Rey CA 90292

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

RE: Mika #1 Well (Well No. 3586-05)

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

Thank you.

Sincerely,

Mr. Noi Phanucharas
WELL CONSTRUCTION PERMIT

Mika #1 Well, Well No. 3586-05

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

In accordance with Department of Land and Natural Resources, Commission on Water Resource Management's Administrative Rules, Section 13-168, entitled "Water Use, Wells, and Stream Diversion Works," this document permits the construction and testing of Mika #1 Well (Well No. 3586-05) at 15-1649 Old Govt, Beach Road, Hawaii, TMK 1-5-032; 052, subject to the Hawaii Well Construction & Pump Installation Standards (February 2004) 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 and staff shall be allowed to inspect installation activities in accordance with §13-168-15, Hawaii Administrative Rules.

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

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

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

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

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

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

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

9. The well construction permit application is incorporated into this permit by reference and is subject to the Hawaii Well Construction & Pump Installation Standards (February 18, 2004; HWCRPS). If the HWCRPS are not followed and as a consequence water is wasted or contaminated, a lien on the property may result.

10. The permit may be revoked by the Commission if work is not started within six (6) months of 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 twenty (20) years from the date of permit approval, unless otherwise specified. The permit may be extended by the Chairperson upon a showing of good cause and good-faith performance. A request to extend the permit shall be submitted to the Chairperson no later than three (3) months prior to the date the permit expires. If the commencement date is not met, the Commission may revoke the permit after giving the permittee, well operator, and/or well owner notice of the proposed action and an opportunity to be heard.

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

12. The permittee, its successors, and assigns shall indemnify, defend, and hold the State of Hawaii harmless from and against any loss, liability, claim, or demand for property damage, personal injury, or death arising 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.

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

Date of Approval: January 3, 2005
Expiration Date: January 3, 2007

I have read the conditions and terms of this permit and understand them. I accept and agree to meet these conditions as a prerequisite and underlying condition of my ability to proceed and understand that I shall not commence work until I and the driller have signed, dated, and returned the permit to the Commission. I also understand that non-compliance with any permit condition may be grounds for revocation and fined of up to $3000 per day starting from the permit date of approval.

Permittee's Signature: [Signature]
Printed Name: [Printed Name]
Firm or Title: [Firm or Title]

Driller's Signature: [Signature]
Printed Name: [Printed Name]
Firm or Title: [Firm or Title]

PETER T. YOUNG, Chairperson
Commission on Water Resource Management

Attachment: USGS
Department of Health / Safe Drinking Water, Wastewater, and Clean Water Branches
Hawaii Department of Water Supply
Fred Page

Please sign both copies of this permit, return one to the Chairperson, and retain the other for your records.
COMMISSION ON WATER RESOURCE MANAGEMENT
ROUTE SLIP FOR PERMIT ISSUANCE

FROM: RYAN
DATE: __________
SUSPENSE DATE: __________

TO: BAUER, G. NAKAMA, L.
TO: NAKANO, D. OHYE, M.
TO: DANBARA, S. SAKODA, E.
TO: FUJI, N. STAHL, K.
TO: GOODING, K. SUBIA, S.
TO: HARDY, R. SWANSON, S.
TO: HIGA, D. UYENO, D.
TO: ICE, C. YODA, K.
TO: IMATA, R. YOSHINAGA, M.
TO: KUNIMURA, I.

PLEASE:
1 Review & Comment
2 Type Draft
3 Take Action
4 File
5 Xerox copies

WELL NUMBER 3 SB6 05
WELL NAME Milca well

[ ] WELL CONSTRUCTION

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

TO BE SENT TO APPLICANT

[ ] PUMP INSTALLATION

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

FOR OFFICE USE ONLY

PLEASE:
1 Review & Comment
2 Type Draft
3 Take Action
4 File
5 Xerox copies

WELL NUMBER 3 SB6 05
WELL NAME Milca well

[ ] WELL CONSTRUCTION

ATTACHMENTS FOR WELL CONSTRUCTION PERMIT:
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3 SDWB Date
4 WWB Date
5 CWB Date
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8 HP Date
9 PUMP TEST Date
10 WCR I FORM
11 WELL CHECK PRINTOUT

TO BE SENT TO APPLICANT

[ ] PUMP INSTALLATION

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

FOR OFFICE USE ONLY

PLEASE:
1 Review & Comment
2 Type Draft
3 Take Action
4 File
5 Xerox copies
January 6, 2005

Ref: 3586-05.wcp

Mr. Noi Phanucharas
14 Westwind St.
Marina Del Rey, CA  90292

Dear Mr. Phanucharas:

Well Construction Permit
Mika #1 Well (Well No. 3586-05)

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

Special Conditions

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

This permit does not authorize work for your permanent pump installation. Approval and issuance of your pump installation permit is contingent upon completed application and information provided to and accepted by Commission staff as required in the Well Construction & Pump Installation Standards (February 2004) and any special conditions performed under this permit. However, a permanent pump may be installed prior to the permanent pump installation permit issuance in accordance with the Commission's April 15, 1998 Declaratory Ruling No. DEC-ADM98-G5, which states that:

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

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

**IMPORTANT** - Drilling work shall not commence until a fully signed permit is returned to the Commission. Please provide all the information in this packet to your well drilling contractor. The permittee, well operator, and/or well owner are responsible for all conditions of the permit. This includes ensuring that the well construction contractor, or other party who constructs the well(s), submits a completed Part I of the Well Completion Report form (enclosed) within sixty (60) days after the well construction work is completed. Be advised that you may be subject to fines of up to $5000 per day for any violations of your permit conditions starting from the permit approval date.

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

Sincerely,

W. Roy Young
Chairperson

Enclosures

c: Fred Page
WELL CONSTRUCTION PERMIT
Mika #1 Well, Well No. 3586-05

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

In accordance with the Department of Land and Natural Resources, Commission on Water Resource Management's Administrative Rules, Section 13-158, entitled "Water Use, Wells, and Stream Diversion Works", this document permits the construction and testing of Mika #1 Well (Well No. 3586-05) at 15-1849 Old Govt. Beach Road, Hawaii, TMK 1-5-032: 052, subject to the Hawaii Well Construction & Pump Installation Standards (February 2004) 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 96820, shall be notified, in writing, at least two (2) weeks before any work authorized by this permit commences and staff shall be allowed to inspect installation activities in accordance with §13-158-13, Hawaii Administrative Rules.

2. The well construction permit shall be for construction and testing of the well only. A minimum 114-inch diameter monitor tube shall be permanently installed, in a manner acceptable to the Chairperson, to accurately record water levels. The permittee, well operator, and/or well owner shall coordinate with the Chairperson and conduct a pumping test in accordance with the Standards (a pump testing worksheet is attached). The permittee, well operator, and/or well owner shall submit to the Chairperson the test results as a basis for supporting an application to install a permanent pump and withdraw water for use. No permanent pump may be installed until a permit installation permit is approved and issued by the Chairperson.

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

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

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

6. The proposed well construction shall not adversely affect existing or future legal uses of water in the area, including any surface water or established instream flow standards. This permit or the authorization to construct the well will 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 results, including time, pumping rate, drawdown, chloride content, and other data.

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

9. The well construction permit application is incorporated into this permit by reference and is subject to the Hawaii Well Construction & Pump Installation Standards (February 18, 2004; HWCGPS). If the HWCGPS are not followed or as a consequence water is wasted or contaminated, a lien on the property may result.

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

11. If the well is not to be used it must be properly capped. If the well is to be abandoned then the permittee, well operator, and/or well owner must apply for a well abandonment permit in accordance with §13-158-12(f) prior to any well sealing or plugging work.

12. This permittee, its successors, and assigns shall indemnify, defend, and hold the State of Hawaii harmless from and against any loss, liability, claim, or damage for personal or property 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.

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

Date of Approval: January 3, 2005
Expiration Date: January 3, 2007

I have read the conditions and terms of this permit and understand them. I accept and agree to meet these conditions as a prerequisite and underlying condition of my ability to proceed and understand that I shall not commence work until I and the driller have signed, dated, and returned the permit to the Commission. I also understand that non-compliance with any permit condition may be grounds for revocation and fines of up to $5000 per day starting from the permit date of approval.

Permittee's Signature: __________________________ Date: __________

Printed Name: __________________________ Firm or Title: __________________________

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

Printed Name: __________________________ Firm or Title: __________________________

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

Attachment:
USGS
Department of Health State Drinking Water, Wastewater, and Clean Water Branches
Hawaii Department of Water Supply
Fred Page
## Well Check Program

4/1/04 - Revised for update to Well Standards (February 2004)

### Data Input

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### Results

#### Well Depth
- Theoretical Thickness of Aquifer: 738
- 1/4 Aquifer Thickness: 184.5

#### Well Casing
- Minimum Wall Thickness
  - Material: steel
  - Minimum Thickness per standards: N/A

#### Well Thickness Provided
- Minimum Length of Solid Casing: 5.4

#### Grout Material
- ASTM A53
- In compliance

#### Annular Space
- Depth of Grouting
  - Calculated Depth of Grouting: 4.2
  - Minimum Annular Space required: 2
  - Thickness of Annular Space: 2

### Notes
- Section 2.2
- Section 2.4(b)
- Section 2.4(c)
- Section 2.4(d)
- Section 2.6(c)
- Section 2.6(d)
Wastewater Branch
919 Ala Moana Blvd. Room 309
Honolulu, Hawaii 96814-4920
Phone (808) 586-4294  Fax (808) 586-4300

STATE MESSENGER DELIVERY

Date:  11-29-04

To:  Commission on Water Resource Management
  Department of Land & Natural Resources
  State of Hawaii

Attn:  Ryan Imata  (Boy, I'm busy)

From:  Lori Kajiwara  Ph  586-4290 direct line
  Planning & Design Section  Fax 586-4300
  Email:  Lkajiwara@eha.health.state.hi.us

Subject:  Well Construction/Pump Installation Permit/Water Use Permit for

Well No.1:  1652-02/3396-01/3558-01/3586-05
  3087-16/3786-01/3802-07/4707-01/4755-01

Please find enclosed the application of the above subject project.

STATE MESSENGER DELIVERY
November 22, 2004

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

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

SUBJECT: Well Construction/Pump Installation Permit Application
Mika #1 Well (Well No. 3586-05)

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

We would appreciate your comments on the captioned application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your department. Please respond by returning this cover memo form by January 3, 2005. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

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

RESPONSE:

This well qualifies as a source which will serve as a source of potable water to a public water system (defined as serving 25 or more people at least 60 days per year or has 15 or more service connections) and must receive Director of Health approval prior to its use to comply with Hawaii Administrative Rules (HAR), Title 11, Chapter 20, Rules Relating to Potable Water Systems, §11-20-2.

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

If the well is used to supply both potable and non-potable purposes in a single system, the user 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 [Yes [No] is located near the proposed well site (information attached).

An NPDES permit is required.

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

No comments/objections

Contact Person: Lori Kajiwara
Signed: [Signature]
Date: 11-09-04
Phone: 586-4294
November 22, 2004

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

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

SUBJECT: Well Construction/Pump Installation Permit Application  
Mika #1 Well (Well No. 3586-05)

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

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

Ref: Attachment(s)

RESPONSE:

[ ] This well qualifies as a source which will serve as a source of potable water to a public water system (defined as serving 25 or more people for 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 30. Rules Relating to Public Water Systems, §§1-23-28.

[ ] This well does not qualify as a source serving a public water system defined as above 25 and/or more people and the private owner should test for bacteria, fecal coliform, and other contamination before issuing such use and routinely monitor for the water quality thereafter. However, if future planned use from this source increases to meet the public water system definition then Director of Health approval is required prior to implementation.

[ ] If the well is used to supply both potable and non-potable water 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 marking all non-potable systems with warning signs to prevent unintended 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 consumption at premises and is not subject to Safe Drinking Water Regulations.

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

[ ] An NPDES permit is required.

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

Signature: Bill Wong  
Phone: 586-4258  
Date: NOV 26 2004

Contact Person: Linda Lingle  
Department of Land and Natural Resources  
Commission on Water Resource Management  
1401 Punchbowl Street  
Honolulu, Hawaii 96813  
808-586-4351  
Fax: 808-586-4531  
ID: DLNR-CWRM  
PAGE: 104  
R-989

November 22, 2004

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

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

SUBJECT: Well Construction/Pump Installation Permit Application
Mika #1 Well (Well No. 3586-05)

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

We would appreciate your comments on the captioned application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your department. Please respond by returning this cover memo form by January 3, 2005. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

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

R: ss
Attachment(s)

RESPONSE:

1) This well qualifies as a source which will serve as a source of potable water to a public water system (defined as serving 25 or more people at least 60 days per year or 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 29, Rules Relating to Potable Water Systems, §§11-20.

2) This well does not qualify as a source serving a public water system (serves less than 25 people or more people at least 60 days per year or 15 service connections) and if this well water is used for drinking, the private owner should test for bacteriological and chemical parameters before using such water 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.

3) If the well is used to supply both potable and non-potable purposes in a single system, the user shall eliminate cross-connections and backflow preventions by physically separating potable and non-potable systems by all air gaps 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.

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

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

6) An NPDES permit is required.

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

8) No comments/objections

Contact Person: Alec Wong
Phone: 587-2500
Date: 11/29/04

Signed: Alec Wong
The Department of Health, Clean Water Branch has the following comments:

1. For Well-Drilling Activities

Any discharge to State waters of treated process wastewater effluent associated with well drilling activities is regulated by Hawaii Administrative Rules, Title 11, Chapter 55, Appendix I, effective September 22, 1997. Treated process wastewater effluent covered by this general permit includes well drilling slurries, lubricating fluids wastewaters, and well purge wastewaters. This general permit does not cover well pump testing. The applicable Notice of Intent Forms and filing fee shall be submitted at least thirty (30) days before the start of discharge to the Department of Health, Clean Water Branch at 919 Ala Moana Boulevard, Room 301, Honolulu, Hawaii 96814-4920 or P.O. Box 3375, Honolulu, Hawaii 96801-3378. Inquiries may be directed to the Clean Water Branch at (808) 586-4309 or by fax at (808) 586-4352.

2. For Well Pump Testing

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

JS/cr
COMMISSION ON WATER RESOURCE MANAGEMENT
ROUTE SLIP FOR NEW APPLICATIONS

FROM: RYAN
DATE: 17-Nov-04
SUSPENSE DATE: 24-Nov-04

INIT:  TO: NAKAMA, L.  NAKANO, D.  NISHIOKA, L.  OHYE, M.  SAIBA, E.  SWANSON, S.  UYE, O.  YODA, K.  YOSHINAGA, M.
INIT: FOR:  Approval  Signature  Information

PLEASE:
See Me  1  Review & Comment  3  Type Draft acknow letter
Take Action  2  Type Final w/elec.signat., label file folder  4  File
Xerox  copies

WELL NUMBER 3586-05
WELL NAME Mika 1

☐ WELL CONSTRUCTION  ☐ PUMP INSTALLATION  ☑ BOTH

ATTACHMENTS FOR APPLICATION PROCESSING - Both applicant & staff generated
1 TRANS. LETTER
2 CWRM MAP
3 APPL. FORM (5 COPIES)
4 USGS MAPS (5 COPIES)
5 TAX MAPS (5 COPIES)
6 PARCEL OWNER VERIF.  MLS PRINTOUT
7 CONTRACTOR VERIF.  DCCA LICENSE SCREEN PRINTOUT
8 ALL INFO FILLED IN
9 BACKGROUND CHECK
10 $25 FEE DEPOSIT SLIP
11 DHP & SMA check

FOLDER:
☑ MADE NEW FILE FOLDER, ATTACHED
☐ FILE FOLDER ALREADY MADE, IN FILE CABINET

INCOMPLETE ACTION DATES:
DATE  ACTION  

yellow marks on background check

☐ Pahoa North
Mr. Noi Phanucharas
14 Westwind St.
Marina Del Rey, CA  90292

Dear Mr. Phanucharas:

Well Construction/Pump Installation Permit Application for Well No. 3586-05

We acknowledge receipt, on November 15, 2004, of your completed Well Construction/Pump Installation permit application and filing fee for the Mika #1 Well (Well No. 3586-05). You can expect your application to be processed within ninety (90) days from this date.

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

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

Sincerely,

YVONNE Y. IZU
Deputy Director
November 22, 2004

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

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

SUBJECT:  
Well Construction/Pump Installation Permit Application  
Mika #1 Well (Well No. 3586-05)

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

We would appreciate your comments on the captioned application for any conflicts or inconsistencies with the programs, plans, and objectives specific to your department. Please respond by returning this cover memo form by January 3, 2005. If we do not receive comments or a request for additional review time by this date, we will assume that you have no comments.

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

RESPONSE:

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

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

[ ] If the well is used to supply both potable and non-potable purposes in a single system, the user 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 [ ] is not located near the proposed well site (information attached).

[ ] An NPDES permit is required.

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

[ ] No comments/objections.

Contact Person: __________________________ Phone: __________________________
Signed: __________________________ Date: __________________________
November 22, 2004

TO: Dede Mamiya, Administrator
    Land Division

FROM: Yvonne Y. Izu, Deputy Director
    Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
         Mika #1 Well (Well No. 3586-05)

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

We would appreciate your comments on the captioned application with regard to the
programs, plans, and objectives specific to your division. Please respond by returning this
cover memo form by January 3, 2005. If we do not receive comments or a request for
additional review time by this date, we will assume you have no comments.

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

RESPONSE:

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

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

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

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

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

[ ] No objections

[ ] Other comments:

Contact Person: ________________ Phone: ____________

Signed: ______________________ Date: ____________
TO: Melanie Chinen, Administrator
    Historic Preservation

FROM: Yvonne Y. Izu, Deputy Director
      Commission on Water Resource Management

SUBJECT: Well Construction/Pump Installation Permit Application
         Mika #1 Well (Well No. 3586-05)

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

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cover memo form by January 3, 2005. If we do not receive comments or a request for
additional review time by this date, we will assume you have no comments.

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

RESPONSE:

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

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

[ ] No objections

[ ] Other comments:

Contact Person: ____________________________ Phone: _____________

Signed: ____________________________ Date: _____________
There was 1 specific license class on this licensee!

***** LICENSE CLASS FOR THIS LICENSEE *****
LIC: CT-16653 FRED PAGE DRILLING INTERNATIONAL INC

CLASS CODE     CLASS TYPE     EFFECTIVE     RESTRICTED     STATUS
C57            WELL          04/25/91         RESTRICTED

<-Back    New Search->

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

Copyright 2002 Professional and Vocational Licensing Division

Hawaii State homepage | DCCA | Professional and Vocational Licensing Division
### PUBLIC RECORD DATA

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This information has been supplied by third parties and has not been independently verified by Hawaii Information Service and is, therefore, not guaranteed.
## Well Background Check

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**REMARKS:**

LINE (1) Parker 3 & 4 Well
LINE (2) Kaupulehu Potable Well No. 6
LINE (3) Mika #1, tmk: 1-5-32:52
LINE (4) Laka Well, tmk: 1-6-141:012
LINE (5) 
LINE (6) 
LINE (7) 
LINE (8) 
LINE (9) 
LINE (10)
APPLICANT INFORMATION: (Fill out all three, if applicable, and place a check next to the primary contact)

1. (a) □ WELL OWNER: No
   Contact Person: No
   Mailing Address: 14 Westwind St, Maria del Rey, Ca 90222
   Phone: 310-833-2477
   Fax: 310-833-2477
   E-mail: 

(b) □ LAND OWNER: No
   Contact Person: No
   Mailing Address: 14 Westwind St, Maria del Rey, Ca 90222
   Phone: 310-833-2477
   Fax: 310-833-2477
   E-mail: 

(c) □ CONTRACTOR: Fred Page Drilling Int'l
   Contact Person: Fred Page
   Mailing Address: P.O. Box 1434 Pahoa HI 96778
   Phone:(808)965-5339
   Fax: (808)965-5339
   E-mail: 
   Lic #: C -16653
   (circle one: C-37 C-37a, or A)

WELL & PUMP INFORMATION: (Please fill in the diagram on the back of this form.)

2. WELL NAME: Mike
   Island: Hawaii
   Address 15-1849 Old Hwy Beach Rd
   Tax Map Key: 1 - 5 - 37 63
   Attach: (a) portion of a 7.5-Minute Series USGS topographic map (scale 1:24,000) with well location labeled and include the name of the quad map (b) a property tax map, showing well location referenced to established property boundaries

3. PROPOSED WORK: (check all that apply)
   □ Construct New Well
   □ Modify Existing Well
   □ Abandon/Seal*
   □ Install New Pump*
   □ Modify Pump*
   □ State Well No.:
   *State Well No.:
   (if unknown, please call Commission at 587-0225)

4. CONSTRUCTION:
   □ Drilled □ Dug □ Shaft □ Tunnel
   Is this well part of a battery of wells? □ Yes □ No (Please describe)
   Is this well serve 25 or more people at least 90 days per year or have 15 or more service connections? □ Yes □ No
   □ Irrigation (crop) □ No. of Acres
   □ Military □ Other (explain):

5. PROPOSED PUMPING RATE: 10 gallons per minute

6. PROPOSED USE: (check all that apply)
   □ Municipal (including hotels, stores, etc.) □ Industrial
   □ Domestic (individual, noncommercial water system)
   Does this well serve 25 or more people at least 90 days per year or have 15 or more service connections? □ Yes □ No
   □ Irrigation (crop) □ No. of Acres
   □ Military □ Other (explain):

7. (a) PROPOSED AMOUNT OF WITHDRAWAL: 500 gallons per day
   (b) METHOD OF FLOW MEASUREMENT: □ Flowmeter □ Open-pipe □ Weir □ Orifice □ Other(explain):

OTHER IMPORTANT INFORMATION:

8. LEGAL REQUIREMENTS: If required, these permits must be obtained before the Commission can legally issue a permit.
   Conservation District Use Permit (CDUP) To find out if a CDUP is necessary, call DLNR Land Division at 587-0414
   □ Not Required
   □ Required, date approved
   Environmental Impact Statement (EIS) or Environmental Assessment (EA) To determine if an EIS or EA is necessary, call OEQC at 586-4165
   □ Not Required
   □ Required, date published in OEQC bulletin
   Special Management Area Permit (SMAP) To determine if a SMAP is necessary: on Oahu, call 587-5374; on Hawaii, call 961-8288; for Maui county, call 270-7219; on Kauai, call 241-9677.
   □ Not Required
   □ Required, date approved

9. REMARKS, EXPLANATIONS:

NOTE: Signing below indicates the signatories understand and swear that the information provided on this application is accurate and true to the best of their knowledge. Further, the signatories understand that approval of this application attaches the following standard conditions: 1) the proposed work is to be completed within two (2) years of the approval date; 2) the contractor shall submit to the Commission a well completion/abandonment report within 60 days after the completion date of the permitted work; 3) monthly water use data shall be submitted to the Commission; 4) such approval shall not constitute a determination of correlative water rights and shall not guarantee the pump capacity or future use up to the permitted pump capacity; 5) in the event that the application is not completed correctly, any permit may be suspended until the item is brought in to compliance, and any work done while the permit is in suspension may result in fines of up to $1000/day

Well Owner Contact Person
Signature Date
Landowner Contact Person
Signature Date
Contractor Contact Person
Signature Date

For official use only
Aquifer System No. State Well No.

For Official Use Only
10. PROPOSED WELL SECTION (Please attach schematic if different from diagram provided below)

**Solid Casing Material:**
Carbon Steel: compliant with (check one or more): □ ANSI/AWWA C200 □ API Spec. 5L □ ASTM A53 □ ASTM A139
Stainless Steel: compliant with (check one or more): □ ASTM A242 □ Type E □ Type S □ Grade B □ Other
ABS Plastic conforming to ASTM F480 and ASTM D1527: (check one) □ Schedule 40 □ Schedule 80
PVC Plastic conforming to ASTM F480 and (ASTM D1785 or ASTM D2241): (check one): □ Schedule 40 □ Schedule 80 □ Schedule 120
Thermoset Plastic: (check one)
- Filament Wound Resin Pipe conforming to ASTM D2996
- Centrifugally Cast Resin Pipe conforming to ASTM D2997
- Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D3517
- Glass Fiber Reinforced Resin Pressure Pipe conforming to AWWA C950
- PTFE Fluorocarbon Tubing conforming to ASTM D3296
- FEP Fluorocarbon Tubing conforming to ASTM D3296

**Open Casing Material:**
Carbon Steel: compliant with (check one or more): □ ANSI/AWWA C200 □ API Spec. 5L □ ASTM A53 □ ASTM A139
Stainless Steel: compliant with (check one or more): □ ASTM A242 □ Type E □ Type S □ Grade B □ Other
ABS Plastic conforming to ASTM F480 and ASTM D1527: (check one) □ Schedule 40 □ Schedule 80
PVC Plastic conforming to ASTM F480 and (ASTM D1785 or ASTM D2241): (check one): □ Schedule 40 □ Schedule 80 □ Schedule 120
Thermoset Plastic: (check one)
- Filament Wound Resin Pipe conforming to ASTM D2996
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- Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D3517
- Glass Fiber Reinforced Resin Pressure Pipe conforming to AWWA C950
- PTFE Fluorocarbon Tubing conforming to ASTM D3296
- FEP Fluorocarbon Tubing conforming to ASTM D3296

For non-salt water Basalt Wells - bottom elevation of well should not be deeper than 1/4 of aquifier thickness or, Bottom Elevation of Well Limit = (Water Elevation - 4 x Water Level Elev.) / 4
Example: Estimated Water Level Elev. + Bottom Elevation of Well Limit = (24 ft. - 4 x 2 ft.) / 4 = 5.5 ft.

**Solid Casing:** (± 90% x (Ground Elev. - Water Level Elev.))
- Total Length: 15 ft.
- Nominal Diameter: 6 in.
- Wall Thickness: 250 in.
- Bottom Elevation: 17 ft., ml*

**Open Casing:** (check)
- Perforated □ Screen
- Total Length: 10 ft.
- Nominal Diameter: 6 in.
- Wall Thickness: 250 in.
- Bottom Elevation: 25 ft., ml*

**Note:** Neither bentonite nor mud should be used in saturated zone during injection.

* The approximate elevation must be referenced to mean sea level (msl) at the time of application filing. Final elevations of well components shall be surveyed to nearest 0.01 ft. and referenced to a benchmark which has been established by a surveyor licensed by the State.

**Open Hole:**
- Length: __________ ft.
- Diameter: __________ in.
- Bottom Elevation: __________ ft., ml*
July 19, 2004

Noi Phanucharas
14 Westwind Street
Marina del Ray, CA 90292

Dear Noi Phanucharas:

Subject: Special Management Area Use Permit Assessment Application (SMAA 04-65)
Applicant: Noi Phanucharas
Request: Drilling of a Fresh Water Well
TMK: 1-5-032-052, Hawaiian Paradise Park, Puna, Hawaii

This is in response to your Special Management Area Use Permit Assessment Application received on July 15, 2004 for fresh water well.

By letters dated April 5, 1990 and November 15, 1990, a determination was made that the construction of a single-family residence on the subject parcel was exempt from Special Management Area rules and regulations. This decision was based on Chapter 205A-22, Hawaii Revised Statutes, and Planning Commission Rule No. 9-4(10) (B) (i) relating to Special Management Area, whereby “development” does not include “Construction of a single-family residence that is not part of a larger development.” Also exempt is “structural and non-structural improvements to existing single-family residences, where otherwise permissible”. Since the water well is considered accessory to this residential use, it is also exempt from further Special Management Area review.

Please note that this determination is based on the well being located mauka of the house site.

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

Hawaii County is an equal opportunity provider and employer.
Should you have questions, please feel free to contact Esther Imamura or Larry Brown of this department at 961-8288.

Sincerely,

CHRISTOPHER J. YUEN
Planning Director

cc: Long Range Planning – Ms. Susan Cagorik