MEMORANDUM

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

FROM: Don Hibbard, Administrator
Historic Preservation Division

SUBJECT: Application for Water Use Permit, Ko‘olauloa Ground Water Management Area, O‘ahu
Billy and Kanani Casey for Well No. 3453-08
Waiono, Ko‘olauloa, O‘ahu
TMK 5-3-05:011

Thank you for the opportunity to review this project. The applicant proposes to use water from an existing source. Since an approved permit will not authorize any ground disturbing activities we believe that there will be "no effect" on historic sites.

EJ:jt
September 30, 1993

MEMORANDUM FOR THE RECORD

FROM: Richard Jinnai

SUBJECT: Re-verify Fileref Casey BG claim

Casey BG filed for a Water Use Permit claiming Domestic use and irrigating one acre of crops. On the First field verification I did on July 7, 1992. I did not see any Banana or Papaya crops on their one acre property as stated in their declaration.

Presently they are applying for water use permit for one house and one acre of banana and papaya.

Thru telephone conversation with Mrs. Kanani Casey yesterday (September 29, 1993) I verified that her water use is only for one house, 10 banana and 10 papaya trees. She claimed to have planted these one year ago.

9/30/93 Contacted Mrs. Casey to confirm water use for individual domestic consumption only & inform her that no permit is required if this is the case.

She said maybe in 10 years or so, when newly-planted avocado trees start to bear fruit, if there is a surplus, then they will market the fruit.

She confirmed that no commercial use would occur in the next 4 years & requested that her permit be withdrawn.
MEMORANDUM

TO: Aquatic Resources
Forestry and Wildlife
Historic Preservation
Land Management
Natural Area Reserve System
Office of Conservation and Environmental Affairs
State Parks
Water and Land Development
Other Interested Parties

FROM: Rae M. Loui, Deputy Director

SUBJECT: Request for Comments
Water Use Permit Application
Koolauloa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for Billy and Kanani Casey for Well No. 3453-08. Public notice of this application will be published in the Honolulu Star Bulletin issues of September 15, 1993 and September 22, 1993.

We would appreciate your review of the attached application and please return this form by October 6, 1993.

If you have any questions regarding this application, please contact Roy Hardy at 587-0274 or Lenore Nakama at 587-0218.

LN:ko
Attachment(s)

Response: Contact person: ______________________ Phone: _______________

( ) We have no comments
( ) We have no objections
( ) Comments attached
( ) Additional information requested
( ) Extended review period requested

Signed: _______________ Date: 9-22-93
MEMORANDUM

TO: Aquatic Resources
    Forestry and Wildlife
    Historic Preservation
    Land Management
    Natural Area Reserve System
    Office of Conservation and Environmental Affairs
    State Parks
    Water and Land Development
    Other Interested Parties

FROM: Rae M. Loui, Deputy Director

SUBJECT: Request for Comments
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          Koolauloa Ground Water Management Area, Oahu

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Attachment(s)

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(✓) We have no objections
( ) Comments attached
( ) Additional information requested
( ) Extended review period requested

Signed: ___________________________ Date: 9-22-93
MEMORANDUM

TO: Aquatic Resources
    Forestry and Wildlife
    Historic Preservation
    Land Management
    Natural Area Reserve System
    Office of Conservation and Environmental Affairs
    State Parks
    Water and Land Development
    Other Interested Parties

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          Koolauloa Ground Water Management Area, Oahu

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LN:ko
Attachment(s)

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( ) Extended review period requested

Signed: ___________________________ Date: ___________________________

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT
Honolulu, Hawaii

SEP 21 1993
Oahu District Office has no objection provided that the applicant obtain the applicable Federal, State and County permits.

Should you have any questions, please call John Dooling at 7-0433.
MEMORANDUM

TO: Aquatic Resources
Forestry and Wildlife
Historic Preservation
Land Management
Natural Area Reserve System
Office of Conservation and Environmental Affairs
State Parks
Water and Land Development
Other Interested Parties

FROM: Rae M. Loui, Deputy Director

SUBJECT: Request for Comments
Water Use Permit Application
Koolauloa Ground Water Management Area, Oahu

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If you have any questions regarding this application, please contact Roy Hardy at 587-0274 or Lenore Nakama at 587-0218.

LN:ko
Attachment(s)

Response: Contact person: Phone: 587-0293

( ) We have no comments
( ) We have no objections
( ) Comments attached
( ) Additional information requested
( ) Extended review period requested

Signed: Date: 9/21/93
MEMORANDUM

TO:               Aquatic Resources
                 Forestry and Wildlife
                 Historic Preservation
                 Land Management
                 Natural Area Reserve System
                 Office of Conservation and Environmental Affairs
                 State Parks
                 Water and Land Development
                 Other Interested Parties

FROM: Rae M. Loui, Deputy Director

SUBJECT: Request for Comments
          Water Use Permit Application
          Koolauloa Ground Water Management Area, Oahu

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LN:ko
Attachment(s)

Response: Contact person: Steve Tajawa  Phone: 587-0385

( ) We have no comments
( ) We have no objections
( ) Comments attached
( ) Additional information requested
( ) Extended review period requested

Signed: ________________ Date: 9/20

The subject well site is not located within the Conservation District.
Mr. Billy Casey & Ms. Kanani Casey  
53-416 G. Kam Hwy  
Hauula, HI 96717

Dear Mr. & Ms. Casey:

Enclosed is a copy of the public notice for your water use permit application for Well No. 3453-08 which will be published in the Honolulu Star Bulletin issues of September 15, 1993 and September 22, 1993.

Please be aware that there may be objections to your application. If objections are made, the objector is required to file such objections with the Commission and is also required to send you a copy of the objections.

You, or any other party, may respond to objections by filing a brief in support of your application with the Commission within ten (10) days of the filing of an objection. You, or the other party, must also send a copy of the response to the objector.

If you have any questions, please contact Roy Hardy at 587-0274 or Lenore Nakama at 587-0218.

Sincerely,

RAE M. LOUI  
Deputy Director

LN:ko  
Encl.
Mr. Billy Casey & Ms. Kanani Casey  
53-416 G. Kam Hwy  
Hauula, HI 96717  

Dear Mr. & Ms. Casey:  

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If you have any questions, please contact Roy Hardy at 587-0274 or Lenore Nakama at 587-0218.  

Sincerely,  

RAE M. LOUI  
Deputy Director  

LN:ko  
Encl.
MEMORANDUM

TO: Aquatic Resources
    Forestry and Wildlife
    Historic Preservation
    Land Management
    Natural Area Reserve System
    Office of Conservation and Environmental Affairs
    State Parks
    Water and Land Development
    Other Interested Parties

FROM: Rae M. Loui, Deputy Director

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          Water Use Permit Application
          Koolauloa Ground Water Management Area, Oahu

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LN:ko
Attachment(s)

Response: Contact person: ___________________________ Phone: ___________________________

( ) We have no comments
( ) We have no objections
( ) Comments attached
( ) Additional information requested
( ) Extended review period requested

Signed: ___________________________ Date: ___________________________
ADDITIONAL STANDARD CORRESPONDENCE

Mr. David Martin
Native Hawaiian Advisory Council
1088 Bishop St., Suite 1204
Honolulu, Hawaii 96813
MEMORANDUM

TO: Mrs. Hoaliku L. Drake, Director  
Department of Hawaiian Home Lands

Dr. John C. Lewin, M.D., Director  
Department of Health

Mr. Clayton H. W. Hee, Chairperson  
Office of Hawaiian Affairs

Mr. Kazu Hayashida, Manager & Chief Engineer  
Honolulu Board of Water Supply

FROM: Keith W. Ahue, Chairperson  
Commission on Water Resource Management

SUBJECT: Water Use Permit Application  
Koolauloa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for Billy and Kanani Casey for Well No. 3453-08. Public notice of this application will be published in the Honolulu Star Bulletin issues of September 15, 1993 and September 22, 1993.

We would appreciate your review of the attached application and please return this form by October 6, 1993.

If you have any questions regarding this application, please contact Roy Hardy at 587-0274 or Lenore Nakama at 587-0218.

Attachment(s)
Memorandum to:
Mrs. Hoaliku L. Drake
Dr. John C. Lewin
Mr. Clayton H.W. Hee
Mr. Kazu Hayashida

Page 2

Response: Contact person: ___________________________ Phone: _____________

( ) We have no comments
( ) We have no objections
( ) Comments attached
( ) Additional information requested
( ) Extended review period requested

Signed: ___________________________ Date: _____________

SEP 21 1993
Honorable Frank F. Fasi, Mayor  
City & County of Honolulu  
City Hall  
Honolulu, HI 96813  

Attn: Mr. Jeremy Harris  

Dear Mayor Fasi:  

Notice of an Application for a Water Use Permit  
Koolauloa Ground Water Management Area, Oahu  

In accordance with the Department of Land and Natural Resources Administrative Rules, Section 13-171-17(a), we are sending you a copy of the public notice for the water use permit application for Billy and Kanani Casey for Well No. 3453-08, which will be published in the Honolulu Star Bulletin.  

In addition, Section 13-171-13(b) of our Administrative Rules states:  

"Within sixty days after receipt of notice of a permit application, the county shall inform the commission if the proposed use is inconsistent with the county land use plans and policies."  

We have enclosed a copy of the application for your review and would appreciate receiving your comments, within the next sixty (60) days, on whether this water use is consistent with county plans and policies.  

Very truly yours,  

KEITH W. AHUE  
CHAIRPERSON  

Enc.
Applications for Water Use Permits
Ground Water Management Areas

Applications for the following water use permits have been received and are hereby made public, in accordance with Department of Land and Natural Resources Administrative Rules 13-171, "Designation and Regulation of Water Management Areas."

Kahananui Well (Well No. 0352-17)
Applicant: Wilma Kamakana Grambusch
P.O. Box 614
Kaumakakai, HI 96748
Date Completed Application Received: August 19, 1993
Aquifer: Ualapue System, Southeast Sector, Molokai
Well Source: Kahananui Well, Well No. 0352-17, Kahananui Ahupuaa, Molokai at Tax Map Key: 5-6-6:14
Quantity Requested: 8,800 gallons per day
Existing Water Use: Irrigation of 2 acres of coffee trees and domestic service to 4 residences
Place of Water Use: Kahananui Ahupuaa, Ualapue, Molokai at Tax Map Key: 5-6-6:14 & 15

Kaio Artesian Well (Well No. 3956-07)
Applicant: Jacob I. Kaio, Sr.
1519 Nehoa St. Apt. 105
Honolulu, HI 96822
Date Completed Application Received: August 17, 1993
Aquifer: Koolauloa System, Windward Sector, Oahu
Well Source: Kaio Artesian Well, Well No. 3956-07, Lot 40 AW 3773:2, Oahu at Tax Map Key: 5-5-8:40
Quantity Requested: 20,000 gallons per day
Existing/New Water Use: Irrigation of 3 acres of taro, flowers, and various vegetables
Place of Water Use: Lots 2, 9, & 40 AW 3773:2, at Tax Map Key: 5-5-8:40, 2, & 9

Umipaa Well (Well No. 0603-01)
Applicant: Hawaiian Research Ltd.
P.O. Box 40
Kaumakakai, HI 96748
Date Completed Application Received: May 11, 1993
Aquifer: Manawaimi System, Central Sector, Molokai
Well Source: Umipaa Well, Well No. 0603-01, Kalamaula, Molokai, at Tax Map Key: 5-2-11:28
Quantity Requested: 11,000 gallons per day
Existing Water Use: Irrigation Of 25 acres of corn and sorghum
Place of Water Use: Kalamaula, Molokai at Tax Map Key: 5-2-11:28, 10, & 33

(more)
Caldeira Well (Well No. 3855-11)
Applicant: Raymond Caldeira
P.O. Box 262
Kahuku, HI 96731
Date Completed Application Received: July 9, 1993
Aquifer: Koolauloa System, Windward Sector, Oahu
Well Source: Caldeira Well, Well No. 3855-11, 55-238-D Kaarmameha Hwy, Oahu at Tax Map Key: 5-5-1:60
Quantity Requested: 58,000 gallons per day
Existing Water Use: Irrigation of 1.2 acres of various crops and livestock operations
Place of Water Use: 55-238-D Kaarmameha Hwy at Tax Map Key: 5-5-1:60

Pacific Sea 4 Well (Well No. 4258-09)
Applicant: Campbell Estate
1001 Kamokila Blvd.
Kapolei, HI 96707
Date Completed Application Received: June 23, 1993
Aquifer: Koolauloa System, Windward Sector, Oahu
Well Source: Pacific Sea 4 Well, Well No. 4258-09, Kahuku, Oahu at Tax Map Key: 5-6-3:26
Quantity Requested: 2,000,000 gallons per day
New Water Use: Shrimp aquaculture
Place of Water Use: Kahuku at Tax Map Key: 5-6-3

Naiwa Dug Well (Well No. 0603-07)
Applicant: Maui Electric
P.O. Box 378
Kaunakakai, HI 96748
Date Completed Application Received: July 16, 1993
Aquifer: Manawainui System, Central Sector, Molokai
Well Source: Naiwa Dug Well, Well No. 0603-07, Kaluaapuhi Fishpond, Molokai at Tax Map Key: 5-2-11:23
Quantity Requested: 1,000 gallons per day
Existing Water Use: Fire protection system testing
Place of Water Use: Kaluaapuhi fishpond at Tax Map Key: 5-2-11:31

Naiwa MECO Openpit (Well No. 0604-03)
Applicant: Maui Electric
P.O. Box 378
Kaunakakai, HI 96748
Date Completed Application Received: July 16, 1993
Aquifer: Manawainui System, Central Sector, Molokai
Well Source: Naiwa MECO Openpit Well, Well No. 0604-03, MECO Palaau Power Plant, Molokai at Tax Map Key: 5-2-11:36
Quantity Requested: 150 gallons per day
Existing Water Use: Fire protection
Place of Water Use: MECO Palaau Power Plant at Tax Map Key: 5-2-11:36

(more)
Naiwa-MECO Irr. #1 (Well No. 0604-04)
Applicant: Maui Electric
P.O. Box 378
Kaunakakai, HI 96748
Date Completed Application Received: July 16, 1993
Aquifer: Manawainui System, Central Sector, Molokai
Well Source: Naiwa-MECO Irr. #1 Well, Well No. 0604-04, MECO Palaaau Power Plant, Molokai at Tax Map Key: 5-2-11:31
Quantity Requested: 2,500 gallons per day
Existing/New Water Use: Irrigation of 10 acres of landscape
Place of Water Use: MECO Palaaau Power Plant at Tax Map Key: 5-2-11:31

Naiwa MECO Irr #2 (Well No. 0603-06)
Applicant: Maui Electric
P.O. Box 378
Kaunakakai, HI 96748
Date Completed Application Received: July 16, 1993
Aquifer: Manawainui System, Central Sector, Molokai
Well Source: Naiwa MECO Irr #2 Well, Well No. 0603-06, MECO Palaaau Power Plant, Molokai at Tax Map Key: 5-2-11:31
Quantity Requested: 2,500 gallons per day
Existing/New Water Use: Irrigation of 10 acres of landscape
Place of Water Use: MECO Palaaau Power Plant at Tax Map Key: 5-2-11:31

Naiwa MECO Cooling Well (Well No. 0604-05)
Applicant: Maui Electric
P.O. Box 378
Kaunakakai, HI 96748
Date Completed Application Received: July 16, 1993
Aquifer: Manawainui System, Central Sector, Molokai
Well Source: Naiwa MECO Cooling Well, Well No. 0604-05, MECO Palaaau Power Plant, Molokai at Tax Map Key: 5-2-11:31
Quantity Requested: 350,000 gallons per day
New Water Use: Industrial cooling and fire protection
Place of Water Use: MECO Palaaau Power Plant at Tax Map Key: 5-2-11:31

RL Montgomery Well (Well No. 2751-08)
Applicant: Ruby Montgomery
47-477 Waihee Place
Kaneohe, HI 96744
Date Completed Application Received: July 9, 1993
Aquifer: Koolaupoko System, Windward Sector, Oahu
Well Source: RL Montgomery Well, Well No. 2751-08, 47-477 Waihee Place, Oahu at Tax Map Key: 4-7-6:1
Quantity Requested: 2,000 gallons per day
Existing Water Use: Domestic service to 2 residences, livestock operations, and irrigation of 12 acres of various fruits and vegetables
Place of Water Use: 47-477 Waihee Place at Tax Map Key: 4-7-6:1

(more)
HI State Hosp/416 Well (Well No. 2448-01)

Applicant: Hawaii State Hospital
45-710 Keaahala Road
Kaneohe, HI 96744

Date Completed Application Received: August 9, 1993
Aquifer: Koolaupoko System, Windward Sector, Oahu
Well Source: HI State Hosp/416 Well, Well No. 2448-01, 45-710 Keaahala Road, Oahu at Tax Map Key: 4-5-23:2
Quantity Requested: 250,000 gallons per day
Existing Water Use: Domestic consumption and irrigation of a 2,280 sq. ft. nursery
Place of Water Use: Hawaii State Hospital at Tax Map Key 4-5-23:2

Geiger Park Well (Well No. 2001-04)

Applicant: Gentry Development Co.
P.O. Box 295
Honolulu, HI 96809

Date Completed Application Received: July 23, 1993
Aquifer: Ewa Caprock System, Pearl Harbor Sector, Oahu
Well Source: Geiger Park Well, Well No. 2001-04, Ewa By Gentry Development, Oahu at Tax Map Key: 9-1-61:7
Quantity Requested: 40,000 gallons per day
New Water Use: Irrigation of 13 acres of lawn and landscape
Place of Water Use: Ewa By Gentry Development at Tax Map Key: 9-1-61:7 & 41 to 50

Mokuleia Well (Well No. 3309-02)

Applicant: State of Hawaii
Dept. of Land and Natural Resources,
Division of Water and Land Development
1151 Punchbowl ST.
Honolulu, HI 96813

Date Completed Application Received: August 13, 1993
Aquifer: Mokuleia System, North Sector, Oahu
Well Source: Mokuleia Well, Well No. 3309-02, Mokuleia, Oahu at Tax Map Key: 6-8-7:1
Quantity Requested: 0 gallons per day
New Water Use: Exploratory purposes only
Place of Water Use: Mokuleia exploratory well site

Soh Well (Well No. 3655-04)

Applicant: Warren Soh
P.O. Box 865
Kahuku, HI 96731

Date Completed Application Received: July 14, 1993
Aquifer: Koolaupoko System, Windward Sector, Oahu
Well Source: Soh Well, Well No. 3655-04, 53-120 Halai St. Hauula, Oahu at Tax Map Key: 5-3-15:18
Quantity Requested: 500,000 gallons per day
New Water Use: Irrigation of 1 acre of taro, mango and banana trees
Place of Water Use: 53-120 Halai St., Hauula, Oahu, Makao Valley at Tax Map Key: 5-3-15:18

(more)
Waiono-Punaluu Well (Well No. 3453-08)

Applicant:  Billy and Kanani Casey  
53-416 G. Kam Hwy.  
Hauula, HI 96717

Date Completed Application Received:  July 15, 1993
Aquifer:  Koolauloa System, Windward Sector, Oahu
Well Source:  Waiono-Punaluu Well, Well No. 3453-08, 53-416 G. Kam Hwy, Oahu at Tax Map Key: 5-3-5:11
Quantity Requested:  3,000 gallons per day
Existing Water Use:  Domestic service to 1 residence and irrigation of 1 acre of banana and papaya trees
Place of Water Use:  53-416 G. Kam Hwy at Tax Map Key: 5-3-5:11

Quarry Well D (Well No. 3856-04)

Applicant:  Zions Securities Corp.  
55-510 Kamehameha Hwy  
Laie, HI 96762

Date Completed Application Received:  June 23, 1993
Aquifer:  Koolauloa System, Windward Sector, Oahu
Well Source:  Quarry Well D, Well No. 3856-04, Laie Quarry, Oahu at Tax Map Key: 5-5-6:1
Quantity Requested:  334,000 gallons per day
Existing Water Use:  Irrigation of 51 acres of banana and papaya trees and grass
Place of Water Use:  Behind BYUH campus at Tax Map Key: 5-5-6:1

Laie Maloo Well (Well No. 3755-04)

Applicant:  Zions Securities Corp.  
55-510 Kamehameha Hwy  
Laie, HI 96762

Date Completed Application Received:  June 23, 1993
Aquifer:  Koolauloa System, Windward Sector, Oahu
Well Source:  Laie Maloo Well, Well No. 3755-04, Mauka of Kamehameha Hwy, Oahu at Tax Map Key: 5-5-6:11
Quantity Requested:  5,000 gallons per day
Existing Water Use:  Supply for livestock (1 horse)
Place of Water Use:  Mauka of Kam Hwy in Laie at Tax Map Key: 5-5-6:11

Pump 15 (Well No. 4157-04)

Applicant:  Campbell Estate  
1001 Kamokila Blvd.  
Kapolei, HI 96707

Date Completed Application Received:  July 16, 1993
Aquifer:  Koolauloa System, Windward Sector, Oahu
Well Source:  Pump 15, Well No. 4157-04, Kahuku, Oahu at Tax Map Key: 5-6-2:1
Quantity Requested:  1,530,000 gallons per day
Existing Water Use:  Service to 6 military offices and 23 acres of aquacultural operations
Place of Water Use:  Kahuku and Kahuku Army Training Area at Tax Map Key: 5-6-2:1, 21, & 26

(more)
Kawaihapai Well (Well No. 3309-01)
Applicant: State of Hawaii
Dept. of Land and Natural Resources,
Division of Water and Land Development
1151 Punchbowl St.
Honolulu, HI 96813
Date Completed Application Received: August 13, 1993
Aquifer: Mokuleia System, North Sector, Oahu
Well Source: Kawaihapai Well, Well No. 3309-01, Mokuleia, Oahu at Tax Map Key: 6-8-7:1
Quantity Requested: 0 gallons per day
New Water Use: Exploratory Purposes Only
Place of Water Use: Kawaihapai exploratory well site

Kapaka Farm Wells (Well Nos. 3554-01 & 02 and 3654-03)
Applicant: Zions Securities Corp.
55-510 Kamehameha Hwy
Laie, HI 96762
Date Completed Application Received: June 23, 1993
Aquifer: Koolauloa System, Windward Sector, Oahu
Well Source: Kapaka Farm Wells, Well Nos. 3554-01 & 02 and 3654-03, near Kualanui Stream, Oahu at Tax Map Key: 5-3-12:1
Quantity Requested: 324,000 gallons per day
Existing Water Use: Irrigation of 33 acres of banana and papaya trees and various other crops
Place of Water Use: Near Kualanui Stream mauka of Kam Hwy at Tax Map Key: 5-3-12:1

Prawn Farm Well (Well No. 3856-07)
Applicant: Zions Securities Corp.
55-510 Kamehameha Hwy
Laie, HI 96762
Date Completed Application Received: June 23, 1993
Aquifer: Koolauloa System, Windward Sector, Oahu
Well Source: Prawn Farm Well, Well No. 3856-07, along Poohaili Street, Oahu at Tax Map Key: 5-5-5:1
Quantity Requested: 475,000 gallons per day
Existing Water Use: Services 103-acre prawn farm
Place of Water Use: Windward Oahu at Tax Map Key: 5-5-5:1 & 23 and 5-5-8

Egg Farm Well (Well No. 3956-05)
Applicant: Zions Securities Corp.
55-510 Kamehameha Hwy
Laie, HI 96762
Date Completed Application Received: June 23, 1993
Aquifer: Koolauloa System, Windward Sector, Oahu
Well Source: Egg Farm Well, Well No. 3956-05, along Poohaili Street, Oahu at Tax Map Key: 5-5-8:55
Quantity Requested: 62,000 gallons per day
Existing Water Use: Service to chicken and egg farm
Place of Water Use: Along Poohaili Street at Tax Map Key: 5-5-8:51
(more)
Welfare Farm Well (Well No. 3855-04)
Applicant: Zions Securities Corp.
55-510 Kamehameha Hwy
Laie, HI 96762
Date Completed Application Received: June 23, 1993
Aquifer: Koolauloa System, Windward Sector, Oahu
Well Source: Welfare Farm Well, Well No. 3855-04, mauka of Kam Hwy, Laie, Oahu at Tax
Map Key: 5-5-6:1
Quantity Requested: 128,000 gallons per day
Existing Water Use: Irrigation of 39 acres of banana and papaya trees and grass
Place of Water Use: Mauka of Kam Hwy, Laie at Tax Map Key: 5-5-6:1

Truck Farm Well (Well No. 3755-06)
Applicant: Zions Securities Corp.
55-510 Kamehameha Hwy
Laie, HI 96762
Date Completed Application Received: June 23, 1993
Aquifer: Koolauloa System, Windward Sector, Oahu
Well Source: Truck Farm Well, Well No. 3755-06, mauka of Kam Hwy, Laie, Oahu at Tax
Map Key: 5-5-6:1
Quantity Requested: 167,000 gallons per day
Existing Water Use: Irrigation of 51 acres of grass
Place of Water Use: Mauka of Kam Hwy in Laie at Tax Map Key: 5-5-6:1

WM Kamakana Kawela (Well Nos. 0456-01 & 17)
Applicant: Wilma Kamakana Grambusch
P.O. Box 614
Kaunakakai, HI 96748
Date Completed Application Received: August 19, 1993
Aquifer: Kawela System, Southeast Sector, Molokai
Well Source: WM Kamakana Kawela Well, Well Nos. 0456-01 & 17, Kam V Hwy, Kawela, Molokai at Tax Map Key: 5-4-1:29
Quantity Requested: 52,500 gallons per day
Existing Water Use: Irrigation of 9 acres of various crops
Place of Water Use: Kam V Hwy, Kawela, Molokai at Tax Map Key: 5-4-1:29

Soda Creek III (Well No. 2001-05)
Applicant: Gentry Development Co.
P.O. Box 295
Honolulu, HI 96809
Date Completed Application Received: July 23, 1993
Aquifer: Ewa Caprock System, Pearl Harbor Sector, Oahu
Well Source: Soda Creek III Well, Well No. 2001-05, Ewa by Gentry Development, Oahu at Tax Map Key: 9-1-70:132
Quantity Requested: 20,000 gallons per day
New Water Use: Irrigation for 6.67 acres of lawn and landscape
Place of Water Use: Ewa by Gentry Development at Tax Map Key: 9-1-70

(more)
Kamakana Kakahaia Well (Well No. 0456-18)
Applicant: Wilma Kamakana Grambusch
P.O. Box 614
Kaunakakai, HI 96748
Date Completed Application Received: August 19, 1993
Aquifer: Kawela System, Southeast Sector, Molokai
Well Source: Kamakana Kakahaia Well, Well No. 0456-18, Kam V Hwy, Kawela, Molokai at Tax Map Key: 5-4-1:18
Quantity Requested: 2,355 gallons per day
Existing/New Water Use: Irrigation of 0.78 acres of banana
Place of Water Use: Kam V Hwy., Kawela, Molokai at Tax Map Key: 5-4-1:12 & 8 and 5-5-1:18

WM. Kamakana #2 Well (Well No. 0456-19)
Applicant: Wilma Kamakana Grambusch
P.O. Box 614
Kaunakakai, HI 96748
Date Completed Application Received: August 19, 1993
Aquifer: Kawela System, Southeast Sector, Molokai
Well Source: WM. Kamakana #2 Well, Well No. 0456-19, Kam V Hwy, Kawela, Molokai at Tax Map Key: 5-4-1:2
Quantity Requested: 90,000 gallons per day
Existing Water Use: Aquaculture operations for 2.5 acres of limu and awa
Place of Water Use: Kam V Hwy, Kawela at Tax Map Key: 5-4-1:2

Written objections or comments on the applications for water use permits may be filed by any person who has property interest in any land within the hydrologic unit of the source of water supply, any person who will be directly and immediately affected by the proposed water use, or any other interested person. Written objections shall: (1) state property or other interest in the matter; (2) set forth questions of procedure, fact, law, or policy, to which objections are taken; and (3) state all grounds for objections to the proposed permits. Send written objections by October 6, 1993 to 1) the Commission on Water Resource Management, P.O. Box 621, Honolulu, Hawaii 96809, and 2) a copy of the objection letter(s) to the applicant at the above address.

COMMISSION ON WATER RESOURCE MANAGEMENT

KEITH W. AHUE
Chairperson

Dated: SEP - 8 1993

Publish in: Honolulu Star Bulletin issues of September 15, 1993 and September 22, 1993
Pay to the Order of Dept. of Land and Natural Resources $25.00

Bank of America
DOWNTOWN HONOLULU
1099 ALAKEA STREET
HONOLULU, HAWAII 96813

For Well Permit

Harland 992

Give to Kay 8/13/93
PART I: USE OF WATER

Declarant’s File Reference: CASEY BG

1. Tax Map Key where the water is used: S-3-S:11. Does the declarant own this land? YES If not, who does?

2. What is the water used for? DOMESTIC
   - If for irrigation, how many acres are being irrigated by crop type? LAWN
   - If for livestock, how many and what kind? NA
   - If for drinking, at how many houses? by how many people?

3. Is the quantity of water use being measured? YES If yes, document the location of the measurement point and method of measurement; also get use records if these were not submitted previously.

4. If this person takes from a multi-user pipe or ditch system:
   - How is the water taken from the system? NA
   - What is the capacity for taking (gpm)? NA
   - How often is it taken (used)? NA

PART II: WATER SOURCE

Source #: 3453-08 Name: WAIONO-PUNALU

1. Where does the water come from / what kind of source is this? GROUND WATER

   Types of sources include:
   1) Wells (drilled, dug, tunnel)
   2) Diversions (ditch, pipe, pump, or livestock from a stream, spring, swamp, pond)
   3) Multi-source systems. (Declared use cannot be traced to a single well or diversion)

   NOTE: If a multi-user system: take from pipe or ditch (need to determine whether this is a multi-source or single-source system before the data can be input to the computer)

2. Show the source location on maps, determine latitude and longitude, and document the nature of source development by measurements, sketches, and photographs. How is the water taken? ELECTRIC 15 GAL/MIN PUMP TO 1000 GAL WD TANK
   What is the capacity for taking (gpm)? MAX 500 GAL/DAY
   How often is it taken (used)? DAILY - WELL IS REGISTERED WITH OUR OFFICE

3. Tax Map Key at the source: S-3-S:11. Determine declarant’s relation to source. Does the declarant:
   1) Operate and maintain the source? YES If not, who does?
   2) Own the land at the source? YES If not, who does?
   3) Use the water from this source? YES If not, who does?
   4) Own the land where the water is being used? YES If so, why did they file?
   5) None of the above? ________

4. Does any one else also use water from this source? NO If yes, is their use included in this user’s declaration? ____ Who are the other users? Did they file?

VERIFIED BY: Richard Jinnai
DATE: 7/8/92
FIELD MEMORANDUM

FILE REFERENCE: CASEY BG
DECLARANTS NAME: Billy G. Jr. & Kanani Casey
FIELD INSPECTION DATE: 7-7-92

TYPE OF DECLARATION: Well (Domestic)

BACKGROUND: Declared use of a well in the property & claims future rights to the Punaluu Ditch System. Mr. Caseys is not using any city water. His main and only source of water comes from the well.

FIELD NOTE: Present at time of inspection were Mr. & Mrs Billy Casey. Mr. & Mrs Casey owns a well that is located on the Kahuuku side of Punaluu Stream and in the rear, side portion of their property. The water from the well is brought up by an electrical submersible pump which is located at the bottom of the well, to a 6 feet dia. x 6 feet high 1000 gallon wooden reservoir tank. The capacity of the pump (according to Mr. Casey) is 15 gallons per minute.

From the wooden tank it then goes to a booster tank with a booster pump between both tanks to provide adequate water pressure to his house.

Mr. Casey does not have a meter to gage the amount of water he uses ... he estimates (periodically) by gaging on the halfway mark on the wooden 1000 gallon tank. He said on the most severe case he uses about 500 gallons per day.

Proper permits were obtain by Mr. & Mrs Casey from the Board of Water Supply to drill the well in 1978. This Well is his only source of water and it is primarily used for domestic and lawn irrigation.

The Well is also registered in our office ...Well No 3453-08, Well Name, Waiono-Punaluu.

DISCRPTION OF WELL: LAT: 213453
LONG: 1575343
CASING 6" DIA.
GROUND ELEV. 60 FEET
DEPTH OF WELL 160 FEET
CASING DEPTH 100 FEET
October 14, 1993

The Honorable Keith W. Ahue  
Chairperson  
Commission on Water Resource Management  
Department of Land and Natural Resources  
P. O. Box 621  
Honolulu, Hawaii  96809

Dear Mr. Ahue:

Withdrawal of Objections

The Department of Hawaiian Home Lands has been in a position to raise objections to various applications for water use permits, particularly in Windward O'ahu, on the basis that water reservations were yet required to meet statutory obligations to Hawaiian home lands.

Please be advised that as the proposed water reservations in O'ahu and Moloka'i water management areas are finalized, our objections for this reason are thereby withdrawn.

Warmest aloha,

Hoaliku L. Drake, Chairman  
Hawaiian Homes Commission

HLD:BH:ci/1608L.77
Mr. Keith Ahue, Chairperson  
Commission on Water Resource Management  
Department of Land and Natural Resources  
State of Hawaii  
P. O. Box 621  
Honolulu, Hawaii 96809  

Dear Mr. Ahue,  

Subject: Your Letters of September 20 and 21, 1993 Regarding Applications for a Water Use Permit for Various Applicants  

<table>
<thead>
<tr>
<th>Applicant</th>
<th>Well No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ruby Montgomery</td>
<td>2751-08</td>
</tr>
<tr>
<td>Raymond Caldeira</td>
<td>3855-11</td>
</tr>
<tr>
<td>Jacob I. Kaio, Sr.</td>
<td>3956-07</td>
</tr>
<tr>
<td>Campbell Estate</td>
<td>4258-09</td>
</tr>
<tr>
<td>Gentry Development Co.</td>
<td>2001-04</td>
</tr>
<tr>
<td>Hawaii State Hospital</td>
<td>2448-01</td>
</tr>
<tr>
<td>DLNR-DOWALD Division</td>
<td>3309-01; &amp; 3309-02</td>
</tr>
<tr>
<td>Billy and Kanani Casey</td>
<td>3453-08</td>
</tr>
<tr>
<td>Warren Soh</td>
<td>3655-04</td>
</tr>
<tr>
<td>Zion Securities</td>
<td>3554-01, 02, &amp; 03; 3755-06; 3855-04; 3856-04; 3856-07; &amp; 3956-05</td>
</tr>
</tbody>
</table>

Thank you for the opportunity to comment on these applications for water use permits. I have no objections to permits for these existing uses. The Board of Water Supply has made comments already on those applications where a comment was appropriate.

Warm personal regards.

Sincerely,

FFF: JS
cc: Jeremy Harris, Managing Director
October 7, 1993

Dear Mr. Ahue:

We have received the following water permit applications. Thank you for the opportunity to review these applications:

<table>
<thead>
<tr>
<th>Applicant Name</th>
<th>Water Mgmt. Area</th>
<th>Amount Requested (gpd)</th>
<th>Tax Map</th>
<th>Well Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campbell Estate</td>
<td>Koolauloa</td>
<td>1,500,000</td>
<td>5-6-02:1</td>
<td>4157-04</td>
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<tr>
<td>Zions Securities</td>
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<td>62,000</td>
<td>5-5-8:51</td>
<td>3956-05</td>
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<tr>
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<td>Koolauloa</td>
<td>108,000</td>
<td>5-3-12:01</td>
<td>3554-01</td>
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<tr>
<td>Zions Securities</td>
<td>Koolauloa</td>
<td>108,000</td>
<td>5-3-12:01</td>
<td>3554-02</td>
</tr>
<tr>
<td>Zions Securities</td>
<td>Koolauloa</td>
<td>108,000</td>
<td>5-3-12:01</td>
<td>3554-03</td>
</tr>
<tr>
<td>Zions Securities</td>
<td>Koolauloa</td>
<td>128,000</td>
<td>5-5-6:01</td>
<td>3855-04</td>
</tr>
<tr>
<td>Zions Securities</td>
<td>Koolauloa</td>
<td>5,000</td>
<td>5-5-6:11</td>
<td>3755-04</td>
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<td>334,000</td>
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<td>167,000</td>
<td>5-5-6:1</td>
<td>3755-06</td>
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<td>W. Soh</td>
<td>Koolauloa</td>
<td>500,000</td>
<td>5-3-15:18</td>
<td>3655-04</td>
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<tr>
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<td>Koolauloa</td>
<td>475,000</td>
<td>--</td>
<td>3856-06</td>
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<tr>
<td>B. Casey</td>
<td>Koolauloa</td>
<td>3,000</td>
<td>5-3-5:11</td>
<td>3453-08</td>
</tr>
<tr>
<td>Gentry Dev.</td>
<td>Pearl Harbor</td>
<td>40,000</td>
<td>9-1-61:07</td>
<td>2001-04</td>
</tr>
<tr>
<td>Gentry Dev.</td>
<td>Pearl Harbor</td>
<td>20,000</td>
<td>9-1-70:132</td>
<td>2001-05</td>
</tr>
<tr>
<td>R. Montgomery</td>
<td>Koolaupoko</td>
<td>2,000</td>
<td>4-7-6:1</td>
<td>2751-08</td>
</tr>
<tr>
<td>Hawaii State Hosp.</td>
<td>--</td>
<td>250,000</td>
<td>4-5-23:02</td>
<td>2448-01</td>
</tr>
</tbody>
</table>
In a recent letter addressed to you (Sept 29, 1993), we voiced our concerns over five Campbell Estate water permit applications requesting about 18 mgd from the Koolauloa aquifer, which has a 35 mgd sustainable yield.

In view of the increasing demand for water from the Koolauloa aquifer, we want to register again our concerns over potential overuse of the Koolauloa aquifer. We wonder whether the Commission keeps a record of the amount of water being withdrawn from the Koolauloa aquifer, for such records would certainly help in the formulation of strategies for future water allocations with clear-cut provisions for protecting water reserves for Native Hawaiians.

We urge the Commission to address these concerns when granting water permits in the future.

Sincerely yours,

Clayton H.W. Hee
Chairperson

LM:jl
MEMORANDUM

TO: Mrs. Hoaliku L. Drake, Director
Department of Hawaiian Home Lands

Dr. John C. Lewin, M.D., Director
Department of Health

Mr. Clayton H. W. Hee, Chairperson
Office of Hawaiian Affairs

Mr. Kazu Hayashida, Manager & Chief Engineer
Honolulu Board of Water Supply

FROM: Keith W. Ahue, Chairperson
Commission on Water Resource Management

SUBJECT: Water Use Permit Application
Koolauloa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for Billy and Kanani Casey for Well No. 3453-08. Public notice of this application will be published in the Honolulu Star Bulletin issues of September 15, 1993 and September 22, 1993.

We would appreciate your review of the attached application and please return this form by October 6, 1993.

If you have any questions regarding this application, please contact Roy Hardy at 587-0274 or Lenore Nakama at 587-0218.

Attachment(s)
Memorandum to:
Mrs. Hoaliku L. Drake
Dr. John C. Lewin
Mr. Clayton H.W. Hee
Mr. Kazu Hayashida

Page 2

Response: Contact person: **Luis A. Maurige** Phone: 586-3860

We have no comments
( ) We have no objections
( ) Comments attached
( ) Additional information requested
( ) Extended review period requested

Signed: **Luis A. Maurige** Date: 10/07/93
MEMORANDUM

TO: Aquatic Resources  
    Forestry and Wildlife  
    Historic Preservation  
    Land Management  
    Natural Area Reserve System  
    Office of Conservation and Environmental Affairs  
    State Parks  
    Water and Land Development  
    Other Interested Parties

FROM: Rae M. Loui, Deputy Director

SUBJECT: Request for Comments  
          Water Use Permit Application  
          Koolauloa Ground Water Management Area, Oahu

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If you have any questions regarding this application, please contact Roy Hardy at 587-0274 or Lenore Nakama at 587-0218.

LN:ko  
Attachment(s)

Response: Contact person: ______________________  Phone: ______________________

( ) We have no comments  
( ) We have no objections  
( ) Comments attached  
( ) Additional information requested  
( ) Extension of review period requested

Signed: ______________________  Date: 10/12/93

Manabu Tagomori
October 11, 1993

The Honorable Keith W. Ahue, Chairperson
Commission on Water Resource Management
Department of Land and Natural Resources
P. O. Box 621
Honolulu, Hawaii 96809

Dear Mr. Ahue:

Water Use Permits

Thank you for the opportunity to respond to the following applications for water use within the Windward and Waialua groundwater management areas:

Windward:  4
Kane' ohe-State Hospital (2448-01)
Waihee-Montgomery (2751-08)
Hauula-Soh (3655-04)
Punaluu-Casey (3453-08)
Laie-Caldeira (3855-11)
Kaio (3956-07)

Waialua:
Mokuleia-Do Wald (3309-01, 02)

These applications do not directly affect Hawaiian home lands. The Windward applications for existing uses raise no objections.

The Division of Water and Land Development applications are for exploratory wells on private property, to be dedicated to the Honolulu Board of Water Supply for unannounced future use. The relationship between land ownership and future use is relevant to the anticipated water use permit.

Reserves of potable water are being considered which will supply foreseeable needs on lands now in DHHL's inventory, which would preclude our need to intervene in this application. It is nonetheless necessary to reiterate that there is an outstanding obligation to serve lands that were wrongfully alienated from the Hawaiian home lands inventory and will eventually be restored. At this time, the location of restored inventory cannot be known,
but the Department has estimated that the water requirement to serve them could be on the order of 4.7 million gallons per day (Mgd). Our recommendation has been to reserve a bulk allocation from available sources on O'ahu to DHHL, that we might negotiate with the Board of Water Supply for implementation of service from its island-wide system.

Warmest aloha,

Hoalikau L. Drake, Chairman
Hawaiian Homes Commission
MEMORANDUM

TO: Mrs. Hoaliku L. Drake, Director
   Department of Hawaiian Home Lands

   Dr. John C. Lewin, M.D., Director
   Department of Health

   Mr. Clayton H. W. Hee, Chairperson
   Office of Hawaiian Affairs

   Mr. Kazu Hayashida, Manager & Chief Engineer
   Honolulu Board of Water Supply

FROM: Keith W. Ahue, Chairperson
   Commission on Water Resource Management

SUBJECT: Water Use Permit Application
   Koolauloa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for Billy and Kanani Casey for Well No. 3453-08. Public notice of this application will be published in the Honolulu Star Bulletin issues of September 15, 1993 and September 22, 1993.

We would appreciate your review of the attached application and please return this form by October 6, 1993.

If you have any questions regarding this application, please contact Roy Hardy at 587-0274 or Lenore Nakama at 587-0218.

Attachment(s)
Memorandum to:
Mrs. Hoaliku L. Drake
Dr. John C. Lewin
Mr. Clayton H.W. Hee
Mr. Kazu Hayashida

Page 2

Response: Contact person: Herbert H. Minakami Phone: 527-6183

( ) We have no comments
( ) We have no objections
( ) Comments attached
( ) Additional information requested
( ) Extended review period requested

Signed: Kazu Hayashida

KAZU HAYASHIDA
Manager and Chief Engineer

SEP 21 1993

Date: 10/5/93
MEMORANDUM

TO: Aquatic Resources
Forestry and Wildlife
Historic Preservation
Land Management
Natural Area Reserve System
Office of Conservation and Environmental Affairs
State Parks
Water and Land Development
Other Interested Parties

FROM: Rae M. Loui, Deputy Director

SUBJECT: Request for Comments
Water Use Permit Application
Koolauloa Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit application for Billy and Kanani Casey for Well No. 3453-08. Public notice of this application will be published in the Honolulu Star Bulletin issues of September 15, 1993 and September 22, 1993.

We would appreciate your review of the attached application and please return this form by October 6, 1993.

If you have any questions regarding this application, please contact Roy Hardy at 587-0274 or Lenore Nakama at 587-0218.

LN:ko
Attachment(s)

Response: Contact person: ___________________________ Phone: ___________________________

( ) We have no comments
( ) We have no objections
( ) Comments attached
( ) Additional information requested
( ) Extended review period requested

Signed: ___________________________ Date: ___________________________
Mr. Keith Ahue, Chairperson  
Commission on Water Resource Management  
Department of Land and Natural Resources  
State of Hawaii  
P. O. Box 621  
Honolulu, Hawaii 96809

Dear Mr. Ahue:

Subject: Your Letters of September 21 and 24, 1993 Regarding Water Use Permit Applications for Various Applicants

We have no objections to issuance of water use permits for the following:

1. Department of Land and Natural Resources Exploratory Wells in Mokuleia, Nos. 3309-01 and 3309-02

2. Gentry Caprock Wells, Nos. 2001-04 and 2751-08

3. Casey Well, No. 3453-08

4. Hawaii State Hospital Well, No. 2448-01

5. Montgomery Well, No. 2751-08

   We have no objections to issuance of water use permits for these wells.

6. Zions Securities Corporation Wells, Nos. 3554-01 and 02, 3654-03, 3755-04 and 06, 3855-04, 3586-04 and 07, 3956-05

   We have no objections to the issuance of permits for existing uses for these wells. We recommend, however, a serious review of the water use from well No. 3755-06 to irrigate 51 acres of grass to determine whether the irrigation's needs can be met with an alternative source such as caprock water.

Pure Water... man's greatest need – use it wisely
October 5, 1993

7. Campbell Estate Kahuku Caprock Wells, Nos. 4157-04, 4157-08, 4157-10, 4157-11, 4257-01 and 4257-02

We have no objections to the issuance of water use permits for these caprock wells used for aquaculture.

We return the forms with appropriate boxes marked.

Very truly yours,

KAZU HAYASHIDA
Manager and Chief Engineer

Enclosure
Mr. Billy Casey & Ms. Kanani Casey  
53-416 G. Kam Highway  
Hauula, HI 96717

Dear Mr. and Ms. Casey:

Application for a Water Use Permit

As requested by telephone on September 30, 1993, your application for a water use permit for the Waiono-Punaluu Well (Well No. 3453-08) is being withdrawn. Please notify our office within 30 days if you decide otherwise. You may submit an application when you have firmer plans on your agricultural lot development, or when you are sure that water will be used for the purpose stated on the application within the following four-year period. Please find enclosed your original application.

If you have any questions, please contact Roy Hardy at 587-0225 or Lenore Nakama at 587-0218.

Sincerely,

RAE M. LOUI  
Deputy Director

LN:ko
Enc.
APPLICATION FOR WATER USE PERMIT

PERMITTEE INFORMATION

1. (a) APPLICANT: Billy + Kanani Casey
   Firm/Name: Billy + Kanani Casey
   Contact Person: Billy
   Address: 53-416 B Kam Hwy

(b) LANDOWNER OF SOURCE:
   Firm/Name: Billy + Kanani Casey
   Contact Person: Billy
   Address: 53-416 B Kam Hwy

SOURCE INFORMATION

2. WATER MANAGEMENT AREA: windward sector- Koolauloa ISLAND: Oahu
3. (a) EXISTING WELL/DIVERSION NAME AND STATE NUMBER: 3-3453-08 Waipu - Pinalu
(b) PROPOSED (NEW) WELL/DIVERSION NAME:
(c) LOCATION: Address 53-416 B Kam Hwy
(Tax Map Key 5-3-5-11
(Attach a USGS map, scale 1” = 2000’, and a property tax map showing source location referenced to established property boundaries.)
4. SOURCE TYPE (check one):
   - Stream
   - Well & Pump
   - Diverted Surface
5. METHOD OF TAKING WATER (check one):
   - Open-pipe
   - Pump
   - Orifice
   - Other (explain)

USE INFORMATION

6. LOCATION OF PROPOSED WATER USE: (If possible, show on same maps as source location. Otherwise, attach similar maps)
   (a) Proposed use of water is:
      - Existing
      - New
      - Both existing & new uses
   (b) Tax Map Key: 5-3-5-11
   (c) Address: 53-416 B Kam Hwy
   (d) Current Land Use District (check one):
      - Urban
      - Agriculture
      - Conservation
      - Rural
   (e) Current County Zoning Code: AG-2

7. QUANTITY OF WATER REQUESTED: 3,000 gallons per day

8. METHOD OF MEASUREMENT:
   - Flowmeter
   - Open-pipe
   - Weir
   - Orifice
   - Other (explain)

9. QUALITY OF WATER REQUESTED:
   - Fresh
   - Brackish
   - Salt
   - Potable
   - Non-Potable

10. PROPOSED USE:
    - Municipal (including hotels, stores, etc.)
    - Individual Domestic
    - Irrigation
    - Industrial
    - Military
    - Other (explain)

11. TOTAL NUMBER OF RESIDENCES TO BE SERVED: 1 (one)

12. TOTAL ACRES TO BE IRRIGATED AND TYPE OF CROP:
    - Banana Pagan + Micro Fruit (acre)

13. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION: 6 am - 10 pm
    (daytime hours of operation, ex. 7 a.m. to 2 p.m.)

14. APPLICANT MUST BRIEFLY DESCRIBE FOLLOWING POTENTIAL RESTRICTIONS ON WATER USE:
    (a) Impact on Sustainable yield (?): NA
    (b) Instream Flow Standards affected (?): NA
    (c) Hawaiian Home Land use affected (?): NA
    (d) Other existing legal uses affected (?): NA
    (e) Other (pending permits, EIS, etc.): NA

15. REMARKS, EXPLANATIONS:

NOTE: Signing below indicates that the applicant understands that, if a water use permit is granted by the Commission on Water Resource Management, a permit is subject to prior existing permitted uses, changes in sustainable yields and instream flow standards, reserved uses as defined by the Commission, and Hawaiian Home Lands future uses. In addition, applicant understands that, upon permit approval, a water shortage plan must be submitted should the Commission require one.

Applicant (print) Billy Casey Jr
Signature: Billy Casey Jr
Date: 5-6-93

Landowner (print) Billy Casey Jr
Signature: Billy Casey Jr
Date: 5-6-93

For Official Use Only:
Date Received: Hydrologic Unit No: Diversion Works No:
Date Accepted: State Well No:
16. REMARKS, EXPLANATIONS (cont'd):

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<table>
<thead>
<tr>
<th>PROJECT NAME</th>
<th>TMK</th>
<th>CURRENT COUNTY ZONING CODE</th>
<th>NET ACRES</th>
<th>GPD/ACRE</th>
<th>TOTAL GPD</th>
<th>% OF TOTAL TO BE USED OVER NEXT 4 YEARS</th>
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</thead>
<tbody>
<tr>
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WELL NO. 3453-08  WAIANO-PUNALUU

In the Name

Hon. George Casey

Object

Billy George Casey Well at date 4/3/79

THK S-3-7:11

I arrived at the Casey property at 0915. The wells had been pumped to the well for one hour at 16 gpm. The drawdown was about 28 feet. Static water level before pumping was 19 feet msl. The well was pumped for another 1/2 hour at 20 gpm; drawdown was the same. The water temperature was 73.9°F. One sample was collected. 32 ppm

Mr. Casey had dug a pit in front of the house - its dimensions are 12' x 12' x 10'. It is unknown whether this pit will be a campsite. He does have a permit to put a campsite across the road near Ota's property. I also
from

subject

Ground El.  160'
Casing   100', bottom 20' slotted
Depth    160' (-100' elev)
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<td>Robert T. Chuck</td>
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<td>Walter O. Watson</td>
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<td>Takuo Fujii</td>
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<td>James Yoshimoto</td>
<td>Review &amp; comment</td>
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<td>Hong Fong Chang</td>
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<td>Albert Ching</td>
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<td>George Matsumoto</td>
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<td>Manabu Tagomori</td>
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<td>Elsie Yonamine</td>
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<td>Noboru Kaneshiro</td>
<td>Alyce Konishi</td>
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<td>Leslie Asari</td>
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Gr. 60, Dia. 4" F.D. 160, 4/3/79 C.S.G. 100 W.L. 100 C. H. E. etc.

Well No. 3453-06

Ed Loc. from B-03

Always 5-10
November 22, 1978

Mr. Robert Chuck  
Manager and Chief Engineer  
Dept. of Land and Natural Resources  
Division of Water and Land Development  
P. O. Box 373  
Honolulu, Hawaii 96809

Dear Mr. Chuck:

Well Permit to Mr. Billy George Casey

Enclosed for your information and files are copies of the well application and the approved well permit issued to Mr. Billy George Casey for the drilling of a new well at TMK: 5-3-7: 11.

Please call Chester Lao at 548-5276 if you have any questions regarding this permit.

Very truly yours,

HERBERT H. MINAKAMI  
Chief, Planning and Engineering Division

Enc.
TO: Mr. Billy George Casey
53-416 Kamehameha Highway
Punalu'u, Hawaii 96717

Your application of October 27, 1978 to drill a well has been approved in accordance with Chapter III Protection, Development and Conservation of Water Resources in the City and County of Honolulu.

You are hereby granted a permit to drill a well at Punalu'u, TMK: 5-3-7: 11, at the location and in accordance with the drawings submitted with your application or with the revised drawings attached with this permit, depending upon the geological conditions encountered as specified in the special conditions below.

This permit is granted subject to the Rules and Regulations of the Board of Water Supply and the following conditions:

1. Chester Lao of the Board of Water Supply, telephone 548-5276 shall be notified before any work covered by this permit commences.

2. This permit shall be valid upon receipt by the Board of Water Supply of a permittee bond in the amount of $1,000.00 in accordance with Chapter III, Section 3-3-5 of the Rules and Regulations.

3. If during the drilling of the well, there is a change in geological formations from alluvium to basaltic lava rock of the Koolau Volcanic Series and groundwater from the basal lens under artesian pressure is encountered, the attached revised design of the well shall be implemented. However, if the well remains in alluvium, the well design submitted with the application shall be used.

4. Upon completion of the well drilling, a record of the geological formations and water conditions encountered shall be submitted to the Board of Water Supply.

5. Installed pump capacity shall not exceed 80 gpm.
6. The average monthly pumpage from this well shall not exceed 30,000 gpd.

7. At the time of pump installation and before use of the well, a meter shall be installed on the discharge line. A plot plan of the installation shall be submitted. Monthly pumpage shall be reported in writing to the Board of Water Supply.

8. This permit is granted on the condition that the pumpage shall be decreased by the amount set by the Board of Water Supply when the area water level declines to critical condition.

9. It is understood that the owner of the well shall seal or have it recased at his own expense, for conservation purposes, when the well is found to become leaky.

KAZU HAYASHIDA
Manager and Chief Engineer
Board of Water Supply

Date of Permit
APPLICATION FOR DRILLING, MODIFYING, RECASING OR REUSING WELLS

INSTRUCTIONS: Please send 1 copy to Honolulu Board of Water Supply, who will distribute to other agencies concerned. In filling out, refer to Rules and Regulations of the Honolulu Board of Water Supply adopted on May 10, 1976 and applicable rules and regulations of the State Department of Health.

OWNER: (See BWS Rules and Regulations Chapter III, Sec. 3-305, Item 1a)

Billy George Casey

ADDRESS: 53-416H Kam Highway

Punaluu, Hawaii 96717

1. APPLICATION FOR WELL: (See Chapter III, Sec. 3-305, Item 1)

   Drill    xx    Reuse
   Modification    Recase
   Change in use

2. WORK TO BE PERFORMED BY: (See Chapter III, Sec. 3-311)

   Roscoe Moss Company
   830 Ahua St.

   Honolulu, Hawaii 96819

Rev. 10-76
3. USE OF WELL: (See Chapter III, Sec. 3-305, Item 1c)

- Irrigate four acres for fruit trees.
- Domestic use for two homes
- Water needs are 80 GPM

4. ATTACHMENTS: (Each copy of the application shall have a complete set of attachments)

a. Location of well: Punaluu
   Tax Map Key: 5-3-7-11

b. Land area served: (Attach map showing exact location of well and area served. See Chapter III, Sec. 3-305, Items 1b and 1d)

c. Description of well and appurtenant details:
   (See Chapter III, Sec. 3-305, Item 1e).
   Well 6" dia. cased, total depth approximately 80-90 ft. Bottom 20 ft. to be perforated. Annular space gravel packed from bottom to 30 ft. Top 30 ft. grouted. Well to be tested at 100 GPM. Permanent pump design and system will be based upon B.W.S. Water allotment.
5. The Owner hereby agrees to install, operate, and maintain control of the well in accordance with the laws of the State of Hawaii and the Rules and Regulations of the Honolulu Board of Water Supply and the State Department of Health.

The Owner hereby understands that a fee of One Hundred Dollars ($100.00) and a permittee bond of the amount not greater than Twenty-five Thousand Dollars ($25,000.00), said amount of the bond to be set by the Engineer, are required for the drilling or excavation of each new well. The $100.00 fee per well shall be payable to the Board and shall accompany this application. The amount of the permittee bond shall be stipulated when the well owner is notified that his permit has been granted.

(See Chapter III, Sec. 3-305, Items 2 and 2a)

6. The Owner hereby agrees to the following special conditions for this well:

10/26/78
Date Submitted

[Signature of Owner]

Name of applicant if other than Owner
GROUNDED WALL BLANK CASING
60 FEET

TOTAL DEPTH 80 FEET

6" ID x 1/4" WALL
BLANK CASING 60 FEET

Cement Grout 30 FEET

Annular Space to be filled with aggregate 50 FEET

6" ID x 1/4" WALL
PERFORATED CASING 20 FEET

CONCRETE PLUG MINIMUM

WELL No. ___________
NOT TO SCALE