FIELD INSPECTION INFORMATION CHECKLIST

(Ver 7/27/90)

PART I: USE OF WATER

Declarant’s File Reference: CALDEIRA R

1. Tax Map Key where the water is used: 5 - 5 - 1 - 00. Does the declarant own this land? Yes If not, who does? FAMILY OWNED PROPERTY

2. What is the water used for? DOMESTIC SUPPLY ON 1.219 ACRE LOT
   If for irrigation, how many acres are being irrigated by crop type? N/A
   If for drinking, at how many houses? 1 by how many people? 2

3. Is the quantity of water use being measured? No If yes, document the location of the measurement point and method of measurement; also get use records if these were not submitted previously. N/A

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

PART II: WATER SOURCE

Source #: 3865-11 Name: CALDEIRA WELL

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

Types of sources include:
1) Wells (drilled, dug, tunnel)
2) Diversions (ditch, pipe, or pump 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)
4) Instream (i.e., livestock drink from stream, or crops planted along water edge)

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? 1/2 HP, 40 GPM PUMP
   What is the capacity for taking (gpm)? 40 GPM
   How often is it taken (used)? N/A - NO PRESSURE IN SUPPLY LINE DROPS

3. Tax Map Key at the source: 5 - 5 - 1 - 00. Determine declarant’s relation to source. Does the declarant:

   1) Operate and maintain the source? Yes If not, who does? N/A
   2) Own the land at the source? Yes If not, who does? N/A
   3) Use the water from this source? Yes If not, who does? N/A
   4) Own the land where the water is being used? Yes

4. Does anyone else also use water from this source? No If yes, is their use included in this user’s declaration? N/A
   Who are the other users? Did they file? N/A

VERIFIED BY: HENRY LEE & ANNE OKAMURA DATE: NOVEMBER 23, 1990
PAY TO THE ORDER OF Commission on Water Resources $257.00

Twenty-five and no/100 DOLLARS

KANEOHE OFFICE PIONEER FEDERAL SAVINGS BANK
48-117 KAMEHAMEHA HWY. KANEOHE, HAWAII 96744

MEMO

Pay to Kay 8/17/93

PATRICIA A. CALDEIRA
GEORGE CALDEIRA
575-46-8922 576-34-6038
48-286 WAIAHOLE VALLEY RD.
KANEHO, HI 96744

July 1, 1993

Management
Mr. Raymond Caldeira  
P.O. Box 262  
Kahuku, HI 96731

Dear Mr. Caldeira:

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

We acknowledge receipt, on July 9, 1993, of your completed water use permit application for the Caldeira Well (Well No. 3855-11). You can expect your application to be processed within ninety (90) days unless there are objections to your application.

We will be sending you a copy of the public notice for your application and any further information regarding the status of your application. In addition, we may need to visit and verify your proposed water source and use sites if we have not done so already under our registration program.

Based on guidelines for water requirements for selected crops, your request for an allocation of 58,000 gallons per day of water for irrigation of about 1.2 acres of vegetables and flowers seems rather high. The guidelines indicate that a reasonable estimate for floricultural irrigation requirements is about 7,400 gallons per acre per day; the irrigation requirement for selected vegetables range from about 1,000 to about 7,500 gallons per acre per day.

If you have any questions, please contact Roy Hardy at [BLANK] or Lenore Nakama at [BLANK].

Sincerely,

[Signature]

RAE M. LOUI  
Deputy Director

LN:fc
INTERESTED OTHERS LIST

ADDITIONAL STANDARD CORRESPONDENCE

Mr. David Martin
Native Hawaiian Advisory Council
1088 Bishop St., Suite 1204
Honolulu, Hawaii 96813
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 Raymond Caldeira for Well No. 3855-11. 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 RN:ko or Lenore Nakama at

Response: Contact person: ____________________________ Phone: __________

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

Signed: ____________________________ Date: __________
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
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)
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 Fann 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 Fann Wells, Well Nos. 3554-01 & 02 and 3654-03, near Kaluanui 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 Kaluanui Stream mauka of Kam Hwy at Tax Map Key: 5-3-12:1

Prawn Fann 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 Fann 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 Fann 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 Fann 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)
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)
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:  Koolauloa 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)
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 Palaau 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 Palaau 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 Palaau 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 Palaau 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 Palaau 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 Palaau 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)
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 Kamehameha 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 Kamehameha 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
Kaanakakai, 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
Kaanakakai, 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 Palau 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 Palau Power Plant at Tax Map Key: 5-2-11:36

(more)
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
Kaunakakai, 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
Kaunakakai, HI 96748
Date Completed Application Received: May 11, 1993
Aquifer: Manawaimui 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)
Mr. Raymond Caldeira  
P.O. Box 262  
Kahuku, HI 96731  

Dear Mr. Caldeira:

Enclosed is a copy of the public notice for your water use permit application for Well No. 3855-11 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 [redacted] or Lenore Nakama at [redacted]

Sincerely,

[Signature]

RAE M. LOUI  
Deputy Director
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 Raymond Caldeira for Well No. 3855-11. 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 (808) 586-0323 or Lenore Nakama at (808) 586-0326.

Response: Contact person: ____________________________ Phone: ____________________________

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

Signed: ____________________________ Date: 9-21-93

DOFAW HAS NO COMMENTS OR OBJECTIONS TO THE PROPOSED REQUEST.
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 Raymond Caldeira for Well No. 3855-11. 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 [redacted] or Lenore Nakama at [redacted]

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: ____________

DOFAW HAS NO COMMENTS OR OBJECTIONS TO THE PROPOSED REQUEST

1993 SEP 17 MD-31
1993 SEP 17 MD-31
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 Raymond Caldeira for Well No. 3855-11, 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,

[Signature]
KEITH W. AHUE

Enc.
Response:  Contact person: ___________________________  Phone: ______________

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

Signed: ______________________________________  Date: ______________
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 Raymond Caldeira for Well No. 3855-11. 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 [redacted] or Lenore Nakama at [redacted]

Attachment(s)
MEMORANDUM

TO: [Director or Administrator]

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 Raymond Caldeira for Well No. 3855-11. 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 [Contact Information] or Lenore Nakama at [Contact Information].

Attachment(s)

Response: Contact person: [Name]

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

Signed: [Signature]

Date: [Date]
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
Raymond Caldeira for Well No. 3855-11
Kahuku, Ko'olauloa, O'ahu
TMK 5-5-01:060

September 23, 1993

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
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

Transmitted for your review and comment is a copy of a water use permit application for Raymond Caldeira for Well No. 3855-11. 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 ___________ or Lenore Nakama at ___________.

Response: Contact person: ____________________ Phone: ____________________

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

Signed: ____________________ Date: SEP 16 1993
Memorandum to:
Mrs. Hoaliku L. Drake
Dr. John C. Lewin
Mr. Clayton H.W. Hee
Mr. Kazu Hayashida

Response: Contact person: Herbert H. Minakami Phone: _______

( ) 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

Date: 9/3/93
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 20 1993
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 Raymond Caldeira for Well No. 3855-11. 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 [contact information] or Lenore Nakama at [contact information]

Attachment(s)
September 30, 1993

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: Water Use Permit Applications for Caldeira Well No. 3855-11, Kaio Well No. 3956-07, and Campbell Estate Caprock Well No. 4258-09

Thank you for the opportunity to comment on these applications for existing water uses. We have no objections to water use permits for these wells and have marked the appropriate boxes on the corresponding return forms.

If you have any questions, please contact Herbert H. Minakami at [redacted]

Very truly yours,

KAZU HAYASHIDA
Manager and Chief Engineer

Attachment
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 Raymond Caldeira for Well No. 3855-11. 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 Haro at [redacted] or Lenore Nakama at [redacted].

LN:ko
Attachment(s)

Response: Contact person: ________________ Phone: ________________

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

Signed: [redacted]  Date: 10/12/93
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:
- Kane‘ohe-State Hospital (2448-01)
- Waihee-Montgomery (2751-08)
- Hauula-Soh (3653-04)
- Punaluu-Casey (3453-08)
- Laie-Caldeira (3855-11)
- Kaio (3956-07)

Waialua:
- Mokuleia-Dowald (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,

Honalili L. Drake, Chairman
Hawaiian Homes Commission
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 Raymond Caldeira for Well No. 3855-11. 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 [redacted] or Lenore Nakama at [redacted]

LN:ko
Attachment(s)

Response: Contact person: Steve Tagawa Phone: [redacted]

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

Signed: [signature] Date: 10/13/93
October 13, 1993

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>3541-01, 02, &amp; 03; 3755-05; 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
Mr. Raymond Caldeira  
P.O. Box 262  
Kahuku, HI 96731

Dear Mr. Caldeira:

Application for a Water Use Permit

From our field investigation of your use on November 23, 1990, we found that your use was domestic. We had assumed that there were increases to your uses over the past three (3) years or that your request was for a future use. Upon requesting a new field investigation we found that your use has not changed since November 23, 1990.

As requested by telephone on October 1, 1993, your application for a water use permit for the Caldeira Well (Well No. 3855-11) is being withdrawn as no permit is required for domestic consumption of water by individual users. Please find enclosed your original application. In the event that you decide otherwise, please notify our office within 30 days.

If you have any questions, please contact Roy Hardy at [redacted] or Lenore Nakama at [redacted].

Sincerely,

[Signature]

RAE M. LOUI  
Deputy Director

LN:ky  
Enclosure
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
Hon. Keith W. Ahue  
October 7, 1993  
Page 2  

W. Kamakana  
Kawela  
52,500  
5-4-1:29  
0456-(?)

W. Kamakana  
Kawela  
2,355  
5-4-1:18  
0456-18

W. Kamakana  
Kawela  
90,000  
5-4-1:02  
0456-(?)

We have no specific concerns with the above water permit applications.

Sincerely yours,

[Signature]

Clayton J.W. Hee  
Chairperson

LM:j1
The Honorable Keith W. Ahue  
State of Hawaii  
Department of Land and Natural Resources  
Commission of Water Resource Management  
P.O. Box 621  
Honolulu, Hawaii 96809  
Attn: Ms. Rae Loui, Deputy

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>J.I. Kaio</td>
<td>Koolauloa</td>
<td>20,000</td>
<td>5-5-08:40</td>
<td>3956-07</td>
</tr>
<tr>
<td>R. Caldeira</td>
<td>Koolauloa</td>
<td>58,000</td>
<td>5-5-01:60</td>
<td>3855-11</td>
</tr>
<tr>
<td>Campbell Estate</td>
<td>Koolauloa</td>
<td>2,000,000</td>
<td>5-6-03:161</td>
<td>4258-09</td>
</tr>
<tr>
<td>Maui Electric</td>
<td>Maunawainui</td>
<td>2,500</td>
<td>5-2-11:31</td>
<td>0604-04</td>
</tr>
<tr>
<td>Maui Electric</td>
<td>Maunawainui</td>
<td>350,000</td>
<td>5-2-11:36</td>
<td>0604-05</td>
</tr>
<tr>
<td>Maui Electric</td>
<td>Maunawainui</td>
<td>150</td>
<td>5-2-11:36</td>
<td>0604-03</td>
</tr>
<tr>
<td>Maui Electric</td>
<td>Maunawainui</td>
<td>2,500</td>
<td>5-2-11:31</td>
<td>0603-06</td>
</tr>
<tr>
<td>Maui Electric</td>
<td>Maunawainui</td>
<td>1,440,000</td>
<td>5-2-11:23</td>
<td>0603-07</td>
</tr>
<tr>
<td>Hawaii Res.</td>
<td>Maunawainui</td>
<td>200,000</td>
<td>5-2-11:28</td>
<td>0603-01</td>
</tr>
<tr>
<td>W. Kamakana</td>
<td>Ualapue</td>
<td>8,800</td>
<td>5-6-6:14</td>
<td>0352-17</td>
</tr>
<tr>
<td>DLNR</td>
<td>Mokuleia</td>
<td>--</td>
<td>6-8-07:01</td>
<td>3309-01</td>
</tr>
<tr>
<td>DLNR</td>
<td>Mokuleia</td>
<td>--</td>
<td>6-8-07:01</td>
<td>3309-02</td>
</tr>
</tbody>
</table>
ROUTE SLIP

DIVISION OF WATER AND LAND DEVELOPMENT

From: Date: File In:

To Initial

Robert T. Chuck See Me
Walter O. Watson Take action by
Takeo Fujii Route to your branch
James Yoshimoto Review & comment
Hong Fong Chang Draft reply by
Albert Ching For information
George Morimoto
George Matsumoto
Manabu Tagomori Jane Sakai
Harold Sakai Doris Hamada
Daniel Lum Lorraine Nanbu
Herbert Morimatsu Jean Siarot
Paul Matsuo Elsie Yonamine
Noboru Kaneshiro
Leslie Asari

Mick felt

Do we need the permit?

Well, make it NO.

Yes, we need application for permit which has date necessary for design work now.

Do
September 30, 1976

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

Dear Mr. Chuck:

SUBJECT: Well Permit for Mrs. Violet Liki Caldeira

Attached for your information and files is a copy of the well permit issued by the Board of Water Supply on September 28, 1976 to Mrs. Caldeira.

Please call Mr. Chester Lao at [redacted] if you have any questions regarding this permit.

Very truly yours,

Herbert H. Minakami  
Assistant Waterworks Chief Engineer

ATTACH.
TO: Mrs. Violet Liki Caldeira
55-238-E Kamehameha Highway
Hauula, Hawaii 96717

Your application of September 14, 1976 for the drilling of a new well has been approved in accordance with our Rules and Regulations for the 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 TMK: 5-5-1: 60 in accordance with the drawings submitted with your application.

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

1. Mr. Chester Lao of the Board of Water Supply, telephone _shall be notified before any work covered by this permit commences.

2. This permit will be valid upon receipt by the Board of Water Supply of a permittee bond in the amount of $5,000.00 in accordance with Chapter III, Section 3-305 of these Rules and Regulations.

3. Upon completion of the project, the following shall be submitted to the Board of Water Supply:
   a. Record of geologic formations encountered,
   b. As built drawing of the well including well appurtenances and piping,

4. The casing shall be grouted with neat cement from the bottom of the casing to ground surface. A casing length of not less than 50 feet is suggested as a guideline to minimize contamination from the surface.

5. The owner shall install a flow measuring device at such time as required by the Board of Water Supply.

SEP 28 1976
Date of Permit

Edward Y. Hirata
Manager and Chief Engineer
Honolulu Board of Water Supply
Route Slip
WATER RESOURCES & FLOOD CONTROL BRANCH

From: ED Date: 1/19/84 File in: 35

To Initial Please
___ ___ Manabu Tagomori ___ See me
___ ___ Albert Ching ___ Call
___ ___ Daniel Lum ___ Take action by
___ ___ George Matsumoto ___ Review & comment
___ ___ Nobu Kaneshiro ___ Draft reply by
___ ___ Tom Nakama ___ Type draft
___ ___ Paul Matsuo ___ Type final
___ ___ Edwin Sakoda ___ Xerox ___ copies
___ ___ Neal Imada ___ Mail
___ ___ Joe Menor ___ Acknowledge receipt
___ ___ Jon Horio ___ For
___ ___ Mitchell Ohye ___ Approval
___ ___ Kay Oshiro ___ Signature
___ ___ Doris Hamada ___ Information
___ ___ Robert Chuck ___ Jane Sakai ___ Bill Koyanagi
___ ___ Takeo Fujii ___ Elsie Yonamine ___ Richard Jinnai
___ ___ James Yoshimoto ___ ___ Yoshi Shibuya

Well 3855-11
TMK: 5-5-01:60 (Violet L. Caldeira)
55-238E Kam Hwy

Well used for
PH: 293-5080
Indiv. Household use