State of Hawaii

APPLICATION FOR WATER USE PERMIT

For Official Use Only:

7-17-02

FOR PERMITTEE INFORMATION

Commission on Water Resource Management,
accompanied
Instructions:

For further

SOURCE INFORMATION

2. WATER MANAGEMENT AREA: Waimanalo

STATE NUMBER: Sea Life Park Well "A"; State No. 1940-02

(c) SOURCE LOCATION: Tax Map Key: 4-1-014-13

(Tax Map Key)

E-mail __________________

Contact Person __________________

Address __________________

Water Requested: 1,728,000 gallons per day (averaged over 1 year)

WATER MANAGEMENT AREA: Waimanalo

WATER REQUESTED:

Method of Taking Water: Stream

Flowmeter

Open Pipe

Weir

Orifice

Other (explain)

6. LOCATION OF PROPOSED WATER USE: (if possible, show on same maps as source location. Otherwise, attach similar maps)

(a) PUC-Regulated Private System

(b) Intended Dedication to Dept. /Board of Water Supply

7. QUANTITY OF WATER REQUESTED: ____________________

8. METHOD OF MEASUREMENT:

9. QUALITY OF WATER REQUESTED:

10. PROPOSED USE:

Municipal (including hotels, stores, etc.)

Individual Domestic

Irrigation (Circulation Through tanks)

Industrial

Military

11. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION:

(doc) New

12. APPLICANT MUST ESTABLISH THAT THE PROPOSED USE OF WATER:

(a) Can be accommodated with the available water source.

(b) Is a reasonable-beneficial use.*

(c) Will not interfere with any existing legal use.

(d) Is consistent with the public interest.

(e) Is consistent with state and county general plans and land use designations.

(f) Is consistent with county land use plans and general policies.

(g) Will not interfere with the rights of the Department of Hawaiian Home Lands.

* Section 13-171-2, Hawaii Revised Statutes

"Reasonable-beneficial use" means the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is not wasteful and is both reasonable and consistent with the state and county land use plans and the public interest.

13. REMARKS, EXPLANATIONS: Well "A" provides water of essentially seawater salinity (34 PPT). A 1200 GPM pump would be installed and run continuously to provide circulation for various tanks at the park.

NOTE: Signing below indicates that the signatories understand and swear that: 1) the information provided on this application is accurate and true to the best of their knowledge; 2) Item 14 is the responsibility of the applicant prior to Commission approval; 3) If necessary, further information may be required before the application is considered complete; 4) If a water use permit is granted by the Commission, this 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; and 5) Upon permit approval, a water shortage plan must be submitted by the applicant should the Commission require one.

Applicant (print) State of Hawaii - DLNR - Land Division

State of Hawaii - DLNR - Land Division

Landowner (print) State of Hawaii - DLNR - Land Division

Signature __________________

Signature __________________

Date __________________

Date __________________

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<td>Sea Life Park</td>
<td>New</td>
<td>Saltwater</td>
<td>4-1-014:13</td>
<td>P-1</td>
<td>Various Tanks</td>
<td>1,728,000</td>
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**Total GPD:** 1,728,000

**Department of Planning and Permitting Signature**

**Instructions for completing Table 1:**

1. Individual projects and phases must be listed separately and numbered sequentially on Table 1. Copy Table 1 and attach additional sheets if necessary. Please indicate individual projects and phases on TMK maps by clearly delineating project areas and indicating sequential number within delineated areas to coincide with Table 1. Please attach a separate sheet giving the address and a brief description of each project and phase listed above. In addition, if the proposed use is existing, please provide the WUP No. or indicate when the existing use was initiated. Also, the Department of Planning and Permitting (DPP) must sign before application is acceptably complete. Please consult with DPP at [Contact Information].
State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
APPLICATION FOR WATER USE PERMIT
7-17-02

For Official Use Only:

Instructions: Please print in ink or type and send 15 copies of completed application with attachments to the Commission on Water Resource Management. Application must be accompanied with filing fee of $500 payable to the State of Hawaii - DLNR - Land Division. This Commission may not accept incomplete applications. For assistance, call the Regulation Branch at 808-587-0774. For further information and updates to this application form, visit http://www.state.hi.us/dlrmwrm.

PERMITTEE INFORMATION

1. (a) APPLICANT
   [Firm/Name] Sea Life Park Hawaii
   [Contact Person] Wayne Nielsen - General Manager
   [Address]
   [E-mail]

(b) LANDOWNER OF SOURCE
   [Firm/Name] State of Hawaii - DLNR - Land Division
   [Contact Person] Charlene Unoki - Acting Oahu Land Manager
   [Address]
   [E-mail]

SOURCE INFORMATION

2. WATER MANAGEMENT AREA: Waimanalo
   [STATE] Oahu

3. (a) EXISTING WELL/STREAM DIVERSION NAME AND STATE NUMBER: Sea Life Park Well "A"; State No. 1940-02
   (If source doesn't presently exist, please attach well construction/stream diversion permit or application.)

(b) PROPOSED (NEW) WELL/STREAM DIVERSION NAME:
   [LOCATION: Address] Sea Life Park, WUPAFORM
   [Tax Map Key: 4, 1, 014, 13]
   (Attach and show source location on a USGS map, scale 1"x1"; and a property tax map)

4. SOURCE TYPE (check one): DJ Stream
   [Basal (Saline)] [Dike-confined] [Perched] [Caprock]
   [System Open-pipe] [Dike & Pump] [Diverted Surface] [Other (explain)]

5. METHOD OF TAKING WATER (check one):
   [Artesian] [Well & Pump] [Other (explain)]

USE INFORMATION

6. LOCATION OF PROPOSED WATER USE: (If possible, show on same maps as source location. Otherwise, attach similar maps)
   [(a)] PUC-Regulated Private System
   [Intended Dedication to Dept. Board of Water Supply]
   [Non-PUC-Regulated Private System]
   [Tax Map Key: Please complete Table 1 on back of application and shade applicable portion of property tax map]

7. QUANTITY OF WATER REQUESTED: 1,728,000 gallons per day (averaged over 1 year)

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

9. QUALITY OF WATER REQUESTED:
   [Fresh] [Brackish] [Salt] [Potable] [Non-Potable]
   [Surface] [Groundwater] [Other (explain)]

10. PROPOSED USE:
    [Municipal (including hotels, stores, etc.)]
    [Individual Domestic]
    [Industrial]
    [Military]
    [Irrigation]
    [Other Explain Through]
    [Other Explained]
    [Tanks]

11. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION:
    [Continuously]
    [Daytime hours of operation; example, 7 a.m. to 2 p.m.]

12. APPLICANT MUST ESTABLISH THAT THE PROPOSED USE OF WATER:
    (a) Can be accommodated with the available water source.
    (b) Is a reasonable-beneficial use.*
    (c) Will not interfere with any existing legal use.
    (d) Is consistent with the public interest.
    (e) Is consistent with state and county general plans and land use designations.
    (f) Is consistent with county land use plans and general policies.
    (g) Will not interfere with the rights of the Department of Hawaiian Home Lands.

* Section 13-171-2, Hawaii Revised Statutes –
"Reasonable-beneficial use" means the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is not wasteful and is both reasonable and consistent with the state and county land use plans and the public interest.

13. REMARKS, EXPLANATIONS:
    [Well "A" provides water of essentially seawater salinity (34 PPT). A 1200 GPM pump would be installed and run continuously to provide circulation for various tanks at the park.]

NOTE: Signing below indicates that the signatories understand and swear that: 1) The information provided on this application is accurate and true to the best of their knowledge; 2) Item 14 is the responsibility of the applicant prior to Commission approval; 3) If necessary, further information may be required before the application is considered complete; 4) If a water use permit is granted by the Commission, this permit is subject to prior existing permitted uses, changes in sustainable yields and stream flow standards, reserved uses as defined by the Commission, and Hawaiian Home Lands future uses; and 5) Upon permit approval, a water shortage plan must be submitted by the applicant should the Commission require one.

Applicant (print) Sea Life Park Hawaii
Signature
Date 9-6-02

Landowner (print) State of Hawaii - DLNR - Land Division
Signature
Date
<table>
<thead>
<tr>
<th>PROJECT/DEPARTMENT (must provide map and delineation)</th>
<th>PROJECT/DEPARTMENT CODE (must provide map and delineation)</th>
<th>POTABLE WATER USES</th>
<th>TMK</th>
<th>STATE WATER USE</th>
<th>COUNTY WATER INGESTION</th>
<th>SEQUENTIAL NUMBER</th>
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**TOTAL GPD:**

1,728,000 1,728,000 1,728,000 1,728,000 1,728,000

**DEPARTMENT OF PLANNING AND PERMITTING SIGNATURE**

Only for verification that: 1) TMKs listed are consistent with zoning; and 2) projects listed are allowed with respect to zoning.

**DATE**

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Instructions for completing Table 1: Individual projects and phases must be listed separately and numbered sequentially on Table 1. Copy Table 1 and attach additional sheets if necessary. Please indicate individual projects and phases on TMK maps by clearly delineating project areas and indicating sequential number within delineated areas to coincide with Table 1. Please attach a separate sheet giving the address and a brief description of each project and phase listed above. In addition, if the proposed use is existing, please provide the WUP No. or indicate when the existing use was initiated. Also, the Department of Planning and Permitting (DPP) must sign before application is acceptably complete. Please consult with DPP at **Attn: Arthur O. Challacombe**
State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
APPLICATION FOR WATER USE PERMIT 7-17-02
Groundwater or Surface Water 02-38

Instructions: Please print in ink or type and send 15 copies of completed application with attachments to the Commission on Water Resource Management. Application must be accompanied by a nonrefundable filing fee of $25.00 payable to the Dept. of Land and Natural Resources. The Commission may not accept incomplete applications. For assistance, call the Regulation Branch at
For further information and updates to this application form, visit http://www.state.hi.us/dlnr/wrm.

PERMITTEE INFORMATION
1. (a) APPLICANT
   Firm/Name: Sea Life Park Hawaii
   Contact Person: Wayne Nielsen - General Manager
   Address: ____________________________
   E-mail: ____________________________

(b) LANDOWNER OF SOURCE
   Firm/Name: State of Hawaii - DLNR - Land Division
   Contact Person: Charlene Unoki - Acting Oahu Land Manager
   Address: ____________________________
   E-mail: ____________________________

SOURCE INFORMATION
2. WATER MANAGEMENT AREA: Waimanalo
   ISLAND: Oahu

3. (a) EXISTING WELL/STREAM DIVERSION NAME AND STATE NUMBER: Sea Life Park Well "A"; State No. 1949-02
   (If source doesn't presently exist, please attach well construction/stream diversion permit or application.)

(b) PROPOSED (NEW) WELL/STREAM DIVERSION NAME:
   (If possible, show on same maps as source location.
   Attach and show source location on a USGS map, scale 1"=2000", and a property tax map)

(c) LOCATION: Address: Sea Life Park, Tax Map Key: 4-1-014-13
   (Attach and show source location on a USGS map, scale 1"=2000", and a property tax map)

4. SOURCE TYPE (check one): CI Stream
   Multiple
   Lake
   Reservoir
   Aquifer
   Waterfall
   Other (explain)

5. METHOD OF TAKING WATER (check one):
   Artesian
   Well & Pump
   Diverted Surface
   Other (explain)

USE INFORMATION
6. LOCATION OF PROPOSED WATER USE: (If possible, show on same maps as source location. Otherwise, attach similar maps)
   (a) PUC-Regulated Private System
   (b) Tex Map Key: Please complete Table 1 on back of application and shade applicable portion of property tax map
   (c) Intended Use: Municipal, Industrial, Military, Recreation, Other
   (d) Non-PUC-Regulated Private System

7. QUANTITY OF WATER REQUESTED: 1,728,000 gallons per day (averaged over 1 year)

8. METHOD OF MEASUREMENT: Flowmeter
   Open-pipe
   Dike-confined
   Perched
   Caprock
   Orifice
   Other (explain)

9. QUALITY OF WATER REQUESTED: Fresh
   Brackish
   Salt
   Potable
   Non-Potable
   Other
   Other (explain)

10. PROPOSED USE:
    (a) Municipal (Including hotels, stores, etc.)
    (b) Individual Domestic
    (c) Industrial
    (d) Military
    (e) Irrigation
    (f) Other (explain)
    (g) Other (explain)

11. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION: Continuously
    (Daytime hours of operation) example: 7 a.m. to 2 p.m.

12. APPLICANT MUST ESTABLISH THAT THE PROPOSED USE OF WATER:
    (a) Can be accommodated with the available water source.
    (b) Is a reasonable-beneficial use.*
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Applicant (print): Sea Life Park Hawaii
Landowner (print): State of Hawaii - DLNR - Land Division
Signature: ____________________________
Signature: ____________________________
Date: ____________________________
Date: ____________________________
### TABLE 1. TMKs TO USE REQUESTED WATER

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**TOTAL GPD:** 1,728,000

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State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
APPLICATION FOR WATER USE PERMIT

7-17-02

[Groundwater] [ ] Surface Water
02-38

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PERMITTEE INFORMATION

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   Firm/Name: Sea Life Park Hawaii
   Contact Person: Wayne Nielsen - General Manager
   Address: ________________
   E-mail: ____________________________
   (b) LANDOWNER OF SOURCE
   Firm/Name: State of Hawaii - DLNR - Land Division
   Contact Person: Charlene Unoki - Acting Oahu Land Manager
   Address: ________________
   E-mail: ____________________________

SOURCE INFORMATION

2. WATER MANAGEMENT AREA: Waimanalo
   ISLAND: Oahu
3. (a) EXISTING WELL/STREAM DIVERSION NAME AND STATE NUMBER: Sea Life Park Well "A" State No. 1940-02
   (If source doesn't presently exist, please attach well construction/stream diversion permit or application.)
   (b) PROPOSED (NEW) WELL/STREAM DIVERSION NAME:
   Location: ________________
   Tax Map Key: ________________
   (Attach and show source location on a USGS map, scale 1"=2000', and a property tax map)

USE INFORMATION

4. SOURCE TYPE (check one): [ ] Stream
   [ ] B asal (Saline) [ ] Dike-confined [ ] Perched [ ] Caprock
   [ ] Well & Pump [ ] Diverted Surface [ ] Other (explain)
5. METHOD OF TAKING WATER (check one): [ ] Municipal (Including hotels, stores, etc.)
   [ ] Industrial [ ] Military [ ] Other (explain through Tanks)
   [ ] Irrigation (Circulation)
   [ ] Other (explain)

6. LOCATION OF PROPOSED WATER USE: (If possible, show on same maps as source location. Otherwise, attach similar maps)
   (a) PUC-Regulated Private System [ ] Intended Dedication to Dept. of Board of Water Supply [ ] Non-PUC-Regulated Private System
   (b) Tax Map Key: Please complete Table 1 on back of application and shade applicable portion of property tax map.

7. QUANTITY OF WATER REQUESTED: 1,728,000 gallons per day (averaged over 1 year)
8. METHOD OF MEASUREMENT: [ ] Flowmeter [ ] Open-pipe [ ] Well [ ] Orifice [ ] Other (explain)
9. QUALITY OF WATER REQUESTED: [ ] Fresh [ ] Brackish [ ] Salt [ ] Potable [ ] Non-Potable
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   (e) Is consistent with state and county general plans and land use designations.
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   (g) Will not interfere with the rights of the Department of Hawaiian Home Lands.

   * Section 13-171-2, Hawaii Revised Statutes—
   "Reasonable-beneficial use" means the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is not wasteful and is both reasonable and consistent with the state and county land use plans and the public interest.

13. REMARKS, EXPLANATIONS: Well "A" provides water of essentially seawater salinity (34 PPT).  A 1200 GPM pump would be installed and run continuously to provide circulation for various tanks at the park.

NOTE: Signing below indicates that the signatories understand and agree that: 1) The information provided on this application is accurate and true to the best of their knowledge; 2) Item 14 is the responsibility of the applicant prior to Commission approval; 3) If necessary, further information may be required before the application is considered complete; 4) If a water use permit is granted by the Commission, this 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 and; 5) Upon permit approval, a written application must be submitted by the applicant should the Commission require one.

Applicant (print): Sea Life Park Hawaii  Landowner (print): State of Hawaii - DLNR - Land Division
Signature ________________________________________________  Signature ________________________________________________
Date  9-6-02  Date  ________________________________

WUPAFORM (9/1/00)
TABLE 1. TMKs TO USE REQUESTED WATER

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<th>Use</th>
<th>Date</th>
<th>Phase</th>
<th>Type</th>
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<th>Not Applicable</th>
<th>Total GPD</th>
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TOTAL GPD: 1,728,000 1,728,000 1,728,000 1,728,000

DEPARTMENT OF PLANNING AND PERMITTING SIGNATURE

Only for verification that: 1) TMKs listed are consistent with zoning; and 2) projects listed are allowed with respect to zoning.

DATE

Instructions for completing Table 1: Individual projects and phases must be listed separately and numbered sequentially on Table 1. Copy Table 1 and attach additional sheets if necessary. Please indicate individual projects and phases on TMK maps clearly delineating project areas and indicating sequential number within delineated areas to coincide with Table 1. Please attach a separate sheet giving the address and a brief description of each project and phase listed above. In addition, if the proposed use is existing, please provide the WUP No. or indicate when the existing use was initiated. Also, the Department of Planning and Permitting (DPP) must sign before application is acceptably complete. Please consult with DPP at Attn: Arthur D. Challacombe.
State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
APPLICATION FOR WATER USE PERMIT
7-17-02

Instructions: Please print in ink or type and send 15 copies of completed application with attachments to the Commission on Water Resource Management. Application must be accompanied by a non-refundable filing fee of $25.00 payable to the Dept. of Land and Natural Resources. The Commission may not accept incomplete applications. For assistance, call the Regulation Branch __________. For further information and updates to this application form, visit http://www.state.hi.us/dlnr/cwrm.

PERMIT INFORMATION

1. (a) APPLICANT

Firm/Name: Sea Life Park Hawaii
Contact Person: Wayne Nielsen - General Manager
Address: 6110 Hawaii Belt Rd, Waimanalo, HI 96795
Phone: 808-259-7700
Fax: 808-259-7705
E-mail: wayn@sealifepark.hawaii.edu

(b) LANDOWNER OF SOURCE

Firm/Name: State of Hawaii - DLNR - Land Division
Contact Person: Charlene Unoiki - Acting Oahu Land Manager
Address: Land Management Office, State of Hawaii, 1144 Punchbowl St., Honolulu, HI 96817
Phone: 808-587-2266
Fax: 808-587-2267
E-mail: landmis@sdo.hawaii.gov

SOURCE INFORMATION

2. WATER MANAGEMENT AREA: Waimanalo

3. (a) EXISTING WELL/STREAM DIVERSION NAME AND STATE NUMBER: Sea Life Park Well "A": State No. 1940-02

(b) PROPOSED (NEW) WELL/STREAM DIVERSION NAME:

(c) LOCATION: Address: Sea Life Park, Waimanalo, HI 96795

Tax Map Key: 4.1.014.13

(Attach and show source location on a USGS map, scale 1"x1", and a property tax map)

4. SOURCE TYPE (check one): □ Stream

□ Basal (Saline) □ Delta-confined □ Perched □ Caprock

5. METHOD OF TAKING WATER (check one): □ Diverted Surface □ Other (explain)

USE INFORMATION

6. LOCATION OF PROPOSED WATER USE: (if possible, show on same maps as source location. Otherwise, attach similar maps)

(a) PUC-Regulated Private System □ Intended Dedication to Dept. of Water Supply □ Non-PUC-Regulated Private System

(b) Tax Map Key: Please complete Table 1 on back of application and shade applicable portion of property tax map.

7. QUANTITY OF WATER REQUESTED: 1,728,000 gallons per day (averaged over 1 year)

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

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

10. PROPOSED USE: □ Municipal (Including hotels, stores, etc.) □ Individual Domestic □ Irrigation (Circulation or Other Explain through Tank)

□ Industrial □ Military □ Other (explain)

11. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION: Continuously (daily hours of operation; example, 7 a.m. to 2 p.m.)

12. APPLICANT MUST ESTABLISH THAT THE PROPOSED USE OF WATER:

(a) Can be accommodated with the available water source.

(b) Is a reasonable-beneficial use.*

(c) Will not interfere with any existing legal use.

(d) Is consistent with the public interest.

(e) Is consistent with state and county general plans and land use designations.

(f) Is consistent with county land use plans and general policies.

(g) Will not interfere with the rights of the Department of Hawaiian Home Lands.

* Section 13-171-2, Hawaii Revised Statutes - "Reasonable-beneficial use" means the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is not wasteful and is both reasonable and consistent with the state and county land use plans and the public interest.

13. REMARKS, EXPLANATIONS: Well "A" provides water of essentially seawater salinity (34 PPT). A 1200 GPM pump would be installed and run continuously to provide circulation for various tanks at the park.

NOTE: Signing below indicates that the signatories understand and swear that: 1) the information provided on this application is accurate and true to the best of their knowledge; 2) Item 14 is the responsibility of the applicant prior to Commission approval; 3) If necessary, further information may be required before the application is considered complete; 4) If a water use permit is granted by the Commission, this permit is subject to prior existing permitted uses, changes in sustainable yields and stream flow standards, reserved uses as defined by the Commission, and Hawaiian Home Land future uses; and 5) Upon permit approval, a water shortage plan must be submitted by the applicant should the Commission require one.

Applicant (print): Sea Life Park Hawaii
Signature ______________________
Date 9-6-02

Landowner (print): State of Hawaii - DLNR - Land Division
Signature ______________________
Date ______________________

WUPAFORM (3/19/00)
# TABLE 1. TMKs TO USE REQUESTED WATER

| Project Name                                      | New | Saltwater | Total GPD  | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 | Year 12 | Year 13 | Year 14 | Year 15 |
|--------------------------------------------------|-----|-----------|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Sea Life Park                                    |     |           | 1,728,000  | 1,728,000 | 1,728,000 | 1,728,000 | 1,728,000 | 1,728,000 | 1,728,000 | 1,728,000 | 1,728,000 | 1,728,000 | 1,728,000 | 1,728,000 |
| 2.                                               |     |           |            |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 3.                                               |     |           |            |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 4.                                               |     |           |            |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5.                                               |     |           |            |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 6.                                               |     |           |            |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 7.                                               |     |           |            |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 8.                                               |     |           |            |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 9.                                               |     |           |            |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 10.                                              |     |           |            |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 11.                                              |     |           |            |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 12.                                              |     |           |            |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 13.                                              |     |           |            |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 14.                                              |     |           |            |        |        |        |        |        |        |        |        |        |        |        |        |        |

## TOTAL GPD

1,728,000 1,728,000 1,728,000 1,728,000 1,728,000

**DEPARTMENT OF PLANNING AND PERMITTING SIGNATURE**

Only for verification that: 1) TMKs listed are consistent with zoning; and 2) projects listed are allowed with respect to zoning.

**DATE**

Instructions for completing Table 1: Individual projects and phases must be listed separately and numbered sequentially on Table 1. Copy Table 1 and attach additional sheets if necessary. Please indicate individual projects and phases on TMK maps by clearly delineating project areas and indicating sequential number within delineated areas to coincide with Table 1. Please attach a separate sheet giving the address and a brief description of each project and phase listed above. In addition, if the proposed use is existing, please provide the WUP No. or indicate when the existing use was initiated. Also, the Department of Planning and Permitting (DPP) must sign before application is acceptably complete. Please consult with DPP at [department@planning.com](mailto:department@planning.com), Floor, Attn: Arthur D. Challacombe.
State of Hawaii

Commission on Water Resource Management

Application for Water Use Permit

Instructions: Please print in ink or type and send 15 copies of completed application with attachments to the Commission on Water Resource Management. Application must be accompanied by a non-refundable filing fee of $25 payable to the Dept. of Land and Natural Resources. The Commission may not accept incomplete applications. For assistance, call the Regulation Branch at (808) 586-8222.

For further information and updates to this application form, visit http://www.state.hi.us/dlnr/cwmw.

Permittee Information

1. (a) Applicant
   
   Firm/Name: Sea Life Park Hawaii
   
   Contact Person: Wayne Nielsen - General Manager
   
   Address: ______________________________________________________________________
   
   E-mail: ______________________________________________________________________

   (b) Landowner of Source
   
   Firm/Name: State of Hawaii - DLNR - Land Division
   
   Contact Person: Charlene Unoki - Acting Oahu Land Manager
   
   Address: ______________________________________________________________________
   
   E-mail: ______________________________________________________________________

Source Information

2. Water Management Area: Waimanalo

   Island: Oahu

3. (a) Existing Well/Stream Diversion Name and State Number: Sea Life Park Well "A": State No. 1942-02
   
   (b) Proposed (New) Well/Stream Diversion Name:

   (c) Location: Address Sea Life Park, 41-202 Kahananui Highway
   
   Tax Map Key: 4.1 014 13
   
   (Attach and show source location on a USGS map, scale 1" = 2000', and a property tax map)

Method of Taking Water

   (Check one): □ Stream
   
   □ Non-Potable □ Dike-confined □ Perched □ Caprock

   □ Wells & Pump □ Diverted Surface □ Other (explain)

Use Information

4. Quantity of Water Requested: 1,728,000 gallons per day (averaged over 1 year)

5. Method of MEASUREMENT:

   □ Flowmeter □ Open-pipe □ Well □ Office □ Other (explain)

6. Quality of Water Requested:

   □ Fresh □ Brackish □ Salt □ Potable □ Non-Potable

7. Proposed Use:

   □ Municipal (including hotels, stores, etc.) □ Individual Domestic □ Irrigation (Circulation)
   
   □ Industrial □ Military □ Other (explain through Tanks)

8. Proposed Time of Water Withdrawal or DIVERSION: Continuously

   (Daytime hours of operation; example, 7 a.m. to 2 p.m.)

Applicant Must Establish That the Proposed Use of Water:

(a) Can be accommodated with the available water source.

(b) Is a reasonable-beneficial use.*

(c) Will not interfere with any existing legal use.

(d) Is consistent with the public interest.

(e) Is consistent with state and county general plans and land use designations.

(f) Is consistent with county land use plans and general policies.

(g) Will not interfere with the rights of the Department of Hawaiian Home Lands.

* Section 13-171-2, Hawaii Revised Statutes –

"Reasonable-beneficial use" means the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is not wasteful and is both reasonable and consistent with the state and county land use plans and the public interest.

11. Remarks, Explanations:

   Well "A" provides water of essentially seawater salinity (34 PPT). A 1200 GPM pump would be installed and run continuously to provide circulation for various tanks at the park.

Note: Signing below indicates that the signatories understand and agree that: 1) the information provided on this application is accurate and true to the best of their knowledge; 2) Item 14 is the responsibility of the applicant prior to Commission approval; 3) If necessary, further information may be required before the application is considered complete; 4) If a water use permit is granted by the Commission, this 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; and 5) Upon permit approval, a water shortage plan must be submitted by the applicant should the Commission require one.

Applicant (print) Sea Life Park Hawaii

Signature ______________________________________________________________________

Date 9-6-02

Landowner (print) State of Hawaii - DLNR - Land Division

Signature ______________________________________________________________________

Date ____________________________
TABLE 1. TMKs TO USE REQUESTED WATER

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<thead>
<tr>
<th>#</th>
<th>Sea Life Park</th>
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<th>Saltwater</th>
<th>4-1-014:13</th>
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<th>Various Tanks</th>
<th>Not Applicable</th>
<th>1,728,000</th>
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TOTAL GPD: 1,728,000 1,728,000 1,728,000 1,728,000 1,728,000

DEPARTMENT OF PLANNING AND PERMITTING SIGNATURE

DATE

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Attn: Arthur D. Challacombe
614
11.

12.

Applicant (print) ____________________________

Signature ____________________________

For Official Use Only:

Date ____________________________

Landowner (print) ____________________________

Application for Water Use Permit

State of Hawaii

Commission on Water Resource Management

Instructions: Please print in ink or type and send 15 copies of completed application with attachments to the Commission on Water Resource Management. Application must be accompanied by a filing fee of $50 payable to the Department of Land and Natural Resources. This Commission may not accept incomplete applications. For assistance, call the Regulation Branch at 808-587-0355. For further information and updates to this application form, visit http://www.state.hi.us/dlnr/cwrm.

PERMITTEE INFORMATION

1. (a) APPLICANT

Firm/Name ____________________________

Contact Person ____________________________

Address ____________________________

E-mail ____________________________

(b) LANDOWNER OF SOURCE

Firm/Name ____________________________

Contact Person ____________________________

Address ____________________________

E-mail ____________________________

SOURCE INFORMATION

2. WATER MANAGEMENT AREA: Waimanalo ____________

ISLAND: Oahu ____________

3. (a) EXISTING WELL/STREAM DIVERSION NAME AND STATE NUMBER: Sea Life Park Well "A": State No. 1942-02

(If source doesn't presently exist, please attach well construction/stream diversion permit or application.)

(b) PROPOSED (NEW) WELL/STREAM DIVERSION NAME: ____________________________

(c) LOCATION: Sea Life Park, ____________________________

Tax Map Key: 4-1-014-13

(Attach and show source location on a USGS map, scale 1"=2000", and a property tax map)

USE INFORMATION

4. SOURCE TYPE (check one): 0 Stream

0 Basal (Stilline) 0 Dike-confined 0 Perched 0 Caprock

5. METHOD OF TAKING WATER (check one): 0 Artesian

0 Well & Pump 0 Diverted Surface 0 Other (explain)

6. LOCATION OF PROPOSED WATER USE: (if possible, show on same maps as source location. Otherwise, attach similar maps)

(a) 0 PUC-Regulated Private System 0 Intended Dedication to Dept./Board of Water Supply 0 Non-PUC-Regulated Private System

(b) Tax Map Key: Please complete Table 1 on back of application and shade applicable portion of property tax map.

7. QUANTITY OF WATER REQUESTED: 1,728,000 gallons per day (averaged over 1 year)

8. METHOD OF MEASUREMENT:

0 Flowmeter 0 Open-pipe 0 weir 0 Office 0 Other (explain)

9. QUALITY OF WATER REQUESTED:

0 Fresh 0 Brackish 0 Salt 0 Potable 0 Non-Potable

10. PROPOSED USE:

0 Municipal (Including hotels, stores, etc.) 0 Individual Domestic 0 Irrigation (Circulation Tanks)

0 Industrial 0 Military 0 Other (explain)

11. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION: Continuously

(daytime hours of operation: example, 7 a.m. to 2 p.m.)

12. APPLICANT MUST ESTABLISH THAT THE PROPOSED USE OF WATER:

(a) Can be accommodated with the available water source.

(b) Is a reasonable-beneficial use.*

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(f) Is consistent with county land use plans and general policies.

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* Section 13-177-2, Hawaii Revised Statutes – "Reasonable-beneficial use" means the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is not wasteful and is both reasonable and consistent with the state and county land use plans and the public interest.

13. REMARKS, EXPLANATIONS: Well "A" provides water of essentially seawater salinity (34 PPT). A 1200 GPM pump would be installed and run continuously to provide circulation for various tanks at the park.

NOTE: Signing below indicates that the signatories understand and swear that: 1) the information provided on this application is accurate and true to the best of their knowledge; 2) Item 14 is the responsibility of the applicant prior to Commission approval; 3) if necessary, further information may be required before the application is considered complete; 4) if a water use permit is granted by the Commission, this 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; and 5) upon permit approval, a water shortage plan must be submitted by the applicant should the Commission require one.

Applicant (print) ____________________________

Signature ____________________________

Date ____________________________

Landowner (print) ____________________________

Signature ____________________________

Date ____________________________

WUPAFORM (9/1/00)
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TOTAL GPD: 1,728,000 | 1,728,000 | 1,728,000 | 1,728,000 | 1,728,000 | 1,728,000 | 1,728,000 | 1,728,000 | 1,728,000 | 1,728,000 | 1,728,000 | 1,728,000 | 1,728,000 | 1,728,000 | 1,728,000 | 1,728,000 |

Instructions for completing Table 1: Individual projects and phases must be listed separately and numbered sequentially on Table 1. Copy Table 1 and attach additional sheets if necessary. Please indicate individual projects and phases on TMK maps by clearly delineating project areas and indicating sequential number within delineated areas to coincide with Table 1. Please attach a separate sheet giving the address and a brief description of each project and phase listed above. In addition, if the proposed use is existing, please provide the WUP No. or indicate when the existing use was initiated. Also, the Department of Planning and Permitting (DPP) must sign before application is acceptably complete. Please consult with DPP at ________

Attn: Arthur D. Challacombe
State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
APPLYING FOR WATER USE PERMIT 7-17-02

Instructions: Please print in ink or type and send 15 copies of completed application with attachments to the Commission on Water Resource Management, Land Division, 444 S. Beretania St., Honolulu, HI 96813. Application must be accompanied by a non-refundable filing fee of $50 per party for the use of Land and Natural Resources. The Commission may not accept incomplete applications. For assistance, call the Regulation Branch at: 808-586-8500.

For further information and updates to this application form, visit http://www.state.hi.us/dlnr/wrm.

NOTE: Signing information before the application is not accepted. If the information provided on this application is accurate and true to the best of their knowledge; 2) Item 14 is the responsibility of the applicant prior to Commission approval; 3) If necessary, further information may be required before the application is considered complete; 4) If a water use permit is granted by the Commission, this 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; and 5) Upon permit approval, a water shortage plan must be submitted by the applicant should the Commission require one.

PERMITTEE INFORMATION

1. (a) APPLICANT
   Firm/Name: Sea Life Park Hawaii
   Contact Person: Wayne Nielsen - General Manager
   Address: ___________ ___________ ___________
   E-mail: ___________ Fax: ___________

   (b) LANDOWNER OF SOURCE
   Firm/Name: State of Hawaii - DLNR - Land Division
   Contact Person: Charlene Unoki - Acting Oahu Land Manager
   Address: ___________ ___________ ___________
   E-mail: ___________ Fax: ___________

SOURCE INFORMATION

2. WATER MANAGEMENT AREA: Waimanalo
   ISLAND: Oahu

3. (a) EXISTING WELL/STREAM DIVERSION NAME AND STATE NUMBER: Sea Life Park Well "A"; State No. 1940-02
   (If source doesn't presently exist, please attach well construction/stream diversion permit or application.)

   (b) PROPOSED (NEW) WELL/STREAM DIVERSION NAME:

   (c) LOCATION: Address: Sea Life Park, ___________ ___________
   Tax Map Key: ___________ ___________ ___________
   (Attach and show source location on a USGS map, scale 1"=2000", and a proper tax map)

USE INFORMATION

4. SOURCE TYPE (check one): Stream
   (b) Basel (Saline) □ Dike-confined □ Perched □ Caprock
   □ Artesian □ Well & Pump □ Diverted Surface □ Other (explain)

5. METHOD OF TAKING WATER (check one):
   □ Artesian □ Well & Pump □ Diverted Surface □ Other (explain)

6. QUANTITY OF WATER REQUESTED: 1,728,000 gallons per day (averaged over 1 year)

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

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

9. PROPOSED USE:
   □ Municipal (including hotels, stores, etc.) □ Individual Domestic □ Irrigation (Circulation Tank) (check one)
   □ Industrial □ Military □ Other (explain)

10. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION: Continuously

11. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION: Continuously

12. APPLICANT MUST ESTABLISH THAT THE PROPOSED USE OF WATER:
   (a) Can be accommodated with the available water source.
   (b) Is a reasonable-beneficial use.*
   (c) Will not interfere with any existing legal use.
   (d) Is consistent with the public interest.
   (e) Is consistent with state and county general plans and land use designations.
   (f) Is consistent with county land use plans and general policies.
   (g) Will not interfere with the rights of the Department of Hawaiian Home Lands.

   * Section 13-171-2, Hawaii Revised Statutes -
   "Reasonable-beneficial use" means the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is not wasteful and is both reasonable and consistent with the state and county land use plans and the public interest.

13. REMARKS, EXPLANATIONS: Well "A" provides water of essentially seawater salinity (34 ppt). A 1200 GPM pump would be installed and run continuously to provide circulation for various tanks at the park.

Applicant (print): Sea Life Park Hawaii
Signature: _______________________
Date: 7-17-02

Landowner (print): State of Hawaii - DLNR - Land Division
Signature: _______________________
Date: 7-17-02

WUPAFORM (3/1/00)
**TABLE 1. TMKs TO USE REQUESTED WATER**

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<thead>
<tr>
<th>PROJECT NO.</th>
<th>TMK NAME</th>
<th>USE</th>
<th>date</th>
<th>STATE</th>
<th>CURRENT SITE</th>
<th>TMK TYPE</th>
<th>WATER TYPE</th>
<th>WATER</th>
<th>GPD</th>
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**TOTAL GPD**: 1,728,000

**DEPARTMENT OF PLANNING AND PERMITTING SIGNATURE**

*Only for verification that: 1) TMKs listed are consistent with zoning; and 2) projects listed are allowed with respect to zoning.*

Instructions for completing Table 1: Individual projects and phases must be listed separately and numbered sequentially on Table 1. Copy Table 1 and attach additional sheets if necessary. Please indicate individual projects and phases on TMK maps by clearly delineating project areas and indicating sequential number within delineated areas to coincide with Table 1. Please attach a separate sheet giving the address and a brief description of each project and phase listed above. In addition, if the proposed use is existing, please provide the WUP No. or indicate when the existing use was initiated. Also, the Department of Planning and Permitting (DPP) must sign before application is acceptably complete. Please consult with DPP at Attn: Arthur D. Challacombe.
State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
APPLICATION FOR WATER USE PERMIT

7-17-02
Groundwater or Surface Water

Ann/Nama State
provides water of essentially seawater salinity (34 ppt).

Instructions: Please print in Ink or type and send 15 copies of completed application with attachments to the Commission on Water Resource Management. Application must be accompanied by a non-refundable filing fee of $25.00 payable to the Dept. of Land and Natural Resources. The Commission may not accept incomplete applications. For assistance, call the Regulation Branch at 808-587-0770. For further information and updates to this application form, visit http://www.state.hi.us/dlnr/cwrm.

PERMITTEE INFORMATION

1. (a) APPLICANT

  Firm/Name: Sea Life Park Hawaii
  Contact Person: Wayne Nielsen - General Manager
  Address:
  E-mail:

(b) LANDOWNER OF SOURCE

  Firm/Name: State of Hawaii - DLNR - Land Division
  Contact Person: Charlene Unoki - Acting Oahu Land Manager
  Address:
  E-mail:

SOURCE INFORMATION

2. WATER MANAGEMENT AREA: Waimanalo
   ISLAND: Oahu

3. (a) EXISTING WELL/STREAM DIVERSION NAME AND STATE NUMBER: Sea Life Park Well "A"; State No. 1940-02
   (If source doesn't presently exist, please attach well construction/stream diversion permit or application.)

(b) PROPOSED (NEW) WELL/STREAM DIVERSION NAME:

(c) LOCATION: Address Sea Life Park, 41-202 Kamehameha Highway

   Tax Map Key: 4, 1, 014, 13

   (Attach and show source location on a USGS map, scale 1"=2000', and a property tax map)

4. SOURCE TYPE (check one): □ Stream
   ■ Basin (Sailline)
   □ Confined
   □ Perched
   □ Caprock

5. METHOD OF TAKING WATER (check one):
   □ Artesian
   □ Well & Pump
   □ Diverted Surface
   □ Other (explain)

USE INFORMATION

6. LOCATION OF PROPOSED WATER USE: (If possible, show on same maps as source location. Otherwise, attach similar maps)
   (a) PUC-Regulated Private System
   □ Intended Dedication to Dept. Board of Water Supply
   □ Non-PUC-Regulated Private System
   (b) Tax Map Key: Please complete Table 1 on back of application and shade applicable portion of property tax map.

7. QUANTITY OF WATER REQUESTED: 1,728,000 gallons per day (averaged over 1 year)

8. METHOD OF MEASUREMENT:
   ■ Flowmeter
   □ Open-pipe
   □ Weir
   □ Office
   □ Other (explain)

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

10. PROPOSED USE:
    (a) Municipal (including hotels, stores, etc.)
    □ Individual Domestic
    □ Salt Water Use (Circulation)
    □ Industrial
    □ Military
    □ Other (Explain through Tanks)

11. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION: Continuously
    (day/time of operation; example, 7 a.m. to 2 p.m.)

12. APPLICANT MUST ESTABLISH THAT THE PROPOSED USE OF WATER:
    (a) Can be accommodated with the available water source.
    (b) Is a reasonable-beneficial use.*
    (c) Will not interfere with any existing legal use.
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Applicant (print)
Signature
Date

Landowner (print)
Signature
Date

WUPAFORM (3/1/00)
### TABLE 1. TMKs TO USE REQUESTED WATER

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<tr>
<th>Project Name</th>
<th>Type</th>
<th>Use of Water</th>
<th>TMK Code</th>
<th>Status</th>
<th>Category</th>
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**TOTAL GPD:** 1,728,000

**DEPARTMENT OF PLANNING AND PERMITTING SIGNATURE**

Instructions for completing Table 1: Individual projects and phases must be listed separately and numbered sequentially on Table 1. Copy Table 1 and attach additional sheets if necessary. Please indicate individual projects and phases on TMK maps by clearly delineating project areas and indicating sequential number within delineated areas to coincide with Table 1. Please attach a separate sheet giving the address and a brief description of each project and phase listed above. In addition, if the proposed use is existing, please provide the WUP No. or indicate when the existing use was initiated. Also, the Department of Planning and Permitting (DPP) must sign before application is acceptably complete. Please consult with DPP at [Contact Information].

Attn: Arthur D. Challacombe
State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
APPLICATION FOR WATER USE PERMIT

Firm/Name: Sea Life Park, Hawaii
Contact Person: Wayne Nielsen - General Manager

APPLICANT INFORMATION

1. SOURCE INFORMATION

2. WATER MANAGEMENT AREA: Waimanalo

3. PROPOSED USE:

4. METHOD OF TAKING WATER:

5. LOCATION OF PROPOSED WATER USE:

6. QUALITY OF WATER REQUESTED:

7. QUANTITY OF WATER REQUESTED: 1,728,000 gallons per day (averaged over 1 year)

8. OPEN-PIPE: Yes/No

9. METHOD OF MEASUREMENT:

10. PROPOSED USE:

11. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION:

12. APPLICANT MUST ESTABLISH THAT THE PROPOSED USE OF WATER:

   (a) Can be accommodated with the available water source.
   (b) Is a reasonable-beneficial use.
   (c) Will not interfere with any existing legal use.
   (d) Is consistent with the public interest.
   (e) Is consistent with state and county general plans and land use designations.
   (f) Takes into account the equitable rights of other users.
   (g) Will not interfere with the rights of the Department of Hawaiian Homelands.

13. REMARKS, EXPLANATIONS:

   Well "A" provides water of essentially seawater salinity (34 PPT). A 1200 GPM pump would be installed and run continuously to provide circulation for various tanks at the park.

NOTE: Signing below indicates that the signatories understand and agree that: 1) the information provided on this application is true and correct to the best of their knowledge; 2) Item 14 is the responsibility of the applicant prior to Commission approval; 3) If necessary, further information may be required before the application is considered complete; 4) A water use 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 Land future uses; and 5) Upon permit approval, a water shortage plan must be submitted by the applicant should the Commission require one.

Applicant (print): Sea Life Park, Hawaii
Signature:
Date: 9/6/02

Landowner (print): State of Hawaii - DLNR - Land Division
Signature:
Date:
### TABLE 1. TMKs TO USE REQUESTED WATER

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<th>CURRENT WATER USE</th>
<th>CURRENT TOTAL GPD</th>
<th>WATER USE PROJECTIONS</th>
<th>TOTAL GPD</th>
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**TOTAL GPD**

Only for verification that: 1) TMKs listed are consistent with zoning; and 2) projects listed are allowed with respect to zoning.

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Attn: Arthur D. Challenger
Instructions:

1. SOURCE INFORMATION:
   (a) APPLICANT
   Firm Name: Sea Life Park Hawaii
   Contact Person: Wayne Nielsen - General Manager
   Address: Sea Life Park, P.O. Box 1940, Waialua, HI 96791
   Phone: (808) 634-7700 Fax: (808) 634-7708
   E-mail: info@sealifepark.com

2. WATER MANAGEMENT AREA:
   Water Management Area: Waimanalo
   ISLAND: Oahu

3. EXISTING WELL/STREAM DIVERSION NAME AND STATE NUMBER:
   Well "A": State No. 1940-02
   Source Information:
   a) Existing well/stream diversion name and state number:
   b) Proposed new well/stream diversion name:

4. SOURCE TYPE (check one):
   □ Stream
   □ Aquifer
   □ Dike-confined
   □ Perched
   □ Caprock
   □ Open-pipe
   □ Well & Pump
   □ Diverted Surface
   □ Other (explain)

5. METHOD OF TAKING WATER (check one):
   □ Artesian
   □ Well & Pump
   □ Diverted Surface
   □ Other (explain)

6. LOCATION OF PROPOSED WATER USE:
   (a) PUC-Regulated Private System
   (b) Intended Dedication to Dept. /Board of Water Supply System
   (c) Other (explain)

7. QUALITY OF WATER REQUESTED:
   (a) Groundwater
   (b) Open-pipe
   (c) Well
   (d) Other (explain)

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

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

10. PROPOSED USE:
    □ Municipal (including hotels, stores, etc.)
    □ Individual Domestic
    □ Irrigation (Circulation)
    □ Industrial
    □ Military
    □ Other (Explain)

11. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION:
    □ Continuously
    □ Daytime hours of operation; example, 7 a.m. to 2 p.m.

12. APPLICANT MUST ESTABLISH THAT THE PROPOSED USE OF WATER:
    (a) Can be accommodated with the available water source.
    (b) Is a reasonable-beneficial use.
    (c) Will not interfere with any existing legal use.
    (d) Is consistent with the public interest.
    (e) Is consistent with state and county general plans and land use designations.
    (f) Is consistent with county land use plans and general policies.
    (g) Will not interfere with the rights of the Department of Hawaiian Home Lands.

13. REMARKS, EXPLANATIONS:
    "Well "A" provides water of essentially seawater salinity (34 PPT). A 1200 GPM pump would be installed and run continuously to provide circulation for various tanks at the park.

For Official Use Only:

[Signature]
[Date]

For Official Use Only:

[Signature]
[Date]
### TABLE 1. TMKs TO USE REQUESTED WATER

<table>
<thead>
<tr>
<th>TMK</th>
<th>PROJECT NAME</th>
<th>NEW/EXISTING</th>
<th>EXISTING WATER TYPE</th>
<th>STATE</th>
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<th>UTILITY</th>
<th>GTP</th>
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<th>REPORTED</th>
<th>PROJECT NUMBERS</th>
<th>TOTAL GPD</th>
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<td>Saltwater</td>
<td>4-1-014:13</td>
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<td>P-1</td>
<td>Various Tanks</td>
<td>Not Applicable</td>
<td>1,728,000</td>
<td>1,728,000</td>
<td>1,728,000</td>
</tr>
</tbody>
</table>

**TOTAL GPD**: 1,728,000

**DEPARTMENT OF PLANNING AND PERMITTING SIGNATURE**

__DATE__

--

*Only for verification that: 1) TMKs listed are consistent with zoning; and 2) projects listed are allowed with respect to zoning.*

---

**Instructions for completing Table 1**: Individual projects and phases must be listed separately and numbered sequentially on Table 1. Copy Table 1 and attach additional sheets if necessary. Please indicate individual projects and phases on TMK maps by clearly delineating project areas and indicating sequential number within delineated areas to coincide with Table 1. Please attach a separate sheet giving the address and a brief description of each project and phase listed above. In addition, if the proposed use is existing, please provide the WUP No. or indicate when the existing use was initiated. Also, the Department of Planning and Permitting (DPP) must sign before application is acceptably complete. Please consult with DPP at [Contact Information].

---

Attn: Arthur D. Challacombe
State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
APPLICATION FOR WATER USE PERMIT
7-17-02
Groundwater or Surface Water
02-36

Inations: Please print in ink or type and send 16 copies of completed application with attachments to the Commission on Water Resource Management. Application must be accompanied by a non-refundable filing fee of $25.00 payable to the Dept. of Land and Natural Resources. The Commission may not accept incomplete applications. For assistance, call the Regulation Branch at 808-587-0427. For further information and updates to this application form, visit http://www.state.hi.us/dlnr/wrm.

PERMITTEE INFORMATION
1. (a) APPLICANT
   Firm/Name: Sea Life Park Hawaii
   Contact Person: Wayne Nielsen - General Manager
   Address: ___________________________ ___________________________
   E-mail: ___________________________
   Fax: ___________________________
   (b) LANDOWNER OF SOURCE
   Firm/Name: State of Hawaii - DLNR - Land Division
   Contact Person: Charlene Unoki - Acting Oahu Land Manager
   Address: ___________________________ ___________________________
   E-mail: ___________________________

SOURCE INFORMATION
2. WATER MANAGEMENT AREA: Waianaeo
   ISLAND: Oahu

3. (a) EXISTING WELL/STREAM DIVERSION NAME AND STATE NUMBER: Sea Life Park Well "A"; State No. 1940-02
   (If source doesn’t presently exist, please attach well construction/stream diversion permit or application.)
   (b) PROPOSED (NEW) WELL/STREAM DIVERSION NAME:
   (c) LOCATION: Address: Sea Life Park, 41-202 Kalanianalo Highway
   Tax Map Key: 4, 1, 014, 13
   (Attach and show source location on a USGS map, scale 1"=2000', and a property tax map)

USE INFORMATION
4. SOURCE TYPE: (check one): □ Stream □ Artesian □ Perched □ Caprock
5. METHOD OF TAKING WATER: (check one): □ Flowmeter □ Weir □ Diverted Surface □ Other (explain)

6. LOCATION OF PROPOSED WATER USE: (If possible, show on same maps as source location. Otherwise, attach similar maps)
   (a) Nine-PUC-Regulated Private System □ Intended Dedication to Dept. /Board of Water Supply □ Non-PUC-Regulated Private System
   (b) Tax Map Key: Please complete Table 1 on back of application and shade applicable portion of property tax map.

7. QUANTITY OF WATER REQUESTED: 1,728,000 gallons per day (averaged over 1 year)
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 (Circulation through Tanks)
    □ Industrial □ Military □ Other (explain)
11. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION: Continuously (daytime hours of operation; example, 7 a.m. to 2 p.m.)
12. APPLICANT MUST ESTABLISH THAT THE PROPOSED USE OF WATER:
   (a) Can be accommodated with the available water source.
   (b) Is a reasonable-beneficial use.*
   (c) Will not Interfere with any existing legal use.
   (d) Is consistent with the public interest.
   (e) Is consistent with state and county general plans and land use designations.
   (f) Is consistent with county land use plans and general policies.
   (g) Will not Interfere with the rights of the Department of Hawaiian Home Lands.

   * Section 13-171-2, Hawaii Revised Statutes — "Reasonable-beneficial use" means the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is not wasteful and is both reasonable and consistent with the state and county land use plans and the public interest.

13. REMARKS, EXPLANATIONS: Well "A" provides water of essentially seawater salinity (34 PPT). A 1200 GPM pump would be installed and run continuously to provide circulation for various tanks at the park.

NOTE: Signing below indicates that the signatories understand and swear that: 1) the information provided on this application is accurate and true to the best of their knowledge; 2) Item 14 is the responsibility of the applicant prior to Commission approval; 3) If necessary, further information may be required before the application is considered complete; 4) If a water use permit is granted by the Commission, this permit is subject to prior existing permitted uses, changes in Sustainable yields and stream flow standards, reserved uses as defined by the Commission, and Hawaiian Home Lands future users; and 5) Upon permit approval, a water shortage plan must be submitted by the applicant should the Commission require one.

Applicant (print) ___________________________ Landowner (print) ___________________________
Signature ___________________________ Signature ___________________________
Date 9-6-02 Date ___________________________

WUPAFORM (9/1/00)
### Instructions for completing Table 1:

Individual projects and phases must be listed separately and numbered sequentially on Table 1. Copy Table 1 and attach additional sheets if necessary. Please indicate individual projects and phases on TMK maps by clearly delineating project areas and indicating sequential number within delineated areas to coincide with Table 1. Please attach a separate sheet giving the address and a brief description of each project and phase listed above. In addition, if the proposed use is existing, please provide the WUP No. or indicate when the existing use was initiated. Also, the Department of Planning and Permitting (DPP) must sign before application is acceptably complete. Please consult with DPP at [☎️] if necessary.

Alt: Arthur O. Challacombe
State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
APPLICATION FOR WATER USE PERMIT

7-17-02

Instructions: Please print in ink or type and send 15 copies of completed application with attachments to the Commission on Water Resource Management, P.O. Box 459, Honolulu, Hawaii 96802. Application must be accompanied by a non-refundable filing fee of $25.00, made payable to the Dept. of Land and Natural Resources. The Commission may not accept incomplete applications. For assistance, call the Regulation Branch at 808-586-0545.

For further information and updates to this application form, visit http://www.state.hi.us/dlnr/wrm.

PERMITTEE INFORMATION

1. (a) APPLICANT
Firm/Name: Sea Life Park Hawaii
Contact Person: Wayne Nielsen - General Manager
Address: 
E-mail: 
(b) LANDOWNER OF SOURCE
Firm/Name: State of Hawaii - DLNR - Land Division
Contact Person: Charlene Unoki - Acting Oahu Land Manager
Address: 
E-mail: 

SOURCE INFORMATION

2. WATER MANAGEMENT AREA: Waimanalo
3. (a) EXISTING WELL/STREAM DIVERSION NAME AND STATE NUMBER: Sea Life Park Well "A"; State No. 1940-02
(b) PROPOSED (NEW) WELL/STREAM DIVERSION NAME:
(c) LOCATION: Address: Sea Life Park, 41-202 Kalanianaole Highway
Tax Map Key: 4.1 .014 .13

USE INFORMATION

4. SOURCE TYPE (check one): □ Stream □ Artesian □ Well & Pump □ Perched □ Artesian GPM pump would be installed and run continuously to provide circulation for various tanks at the park.
5. METHOD OF TAKING WATER (check one): □ Industrial □ Military □ Diverted Surface □ Non-Potable

6. QUANTITY OF WATER REQUESTED: 1,728,000 gallons per day (averaged over 1 year)
7. METHOD OF MEASUREMENT: □ Flowmeter □ Open-pipe □ Weir □ Office □ Other (explain)
8. QUALITY OF WATER REQUESTED: □ Fresh □ Balanced □ Salt □ Potable □ Other (explain)
9. PROPOSED USE: □ Municipal (including hotels, stores, etc.) □ Individual Domestic □ Irrigation (Circulation) □ Other Explain (Through Tanks)
10. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION: Continuously
11. APPLICANT MUST ESTABLISH THAT THE PROPOSED USE OF WATER:
   (a) Can be accommodated with the available water source.
   (b) Is a reasonable-beneficial use.
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Applicant (print): Sea Life Park Hawaii
Signature: __________________________
Date: 9-6-02

Landowner (print): State of Hawaii - DLNR - Land Division
Signature: __________________________
Date: __________________________

WUPAFORM (3/1/00)
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TABLE 1. TMKs TO USE REQUESTED WATER

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Only for verification that: 1) TMKs Hsted are consistent with zoning; and 2} projects listed are allowed with respect to zoning.

Instructio.ns

f~r completing Table 1: Individual projects and phases must be isted separately and numbered sequentially on Table 1. Copy Table 1 and attach additional sheets if necessary. Please indicate individual projJcts and pha.s.es ~ TMK maps by

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Attn: Arthur D. ChaHacombe
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APPLICATION FOR WATER USE PERMIT

7-17-02

State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources

For Official Use Only:

申请人：

Seal Life Park, Hawaii

APPLICANT

(b) LANDOWNER OF SOURCE

Firm Name: State of Hawaii - DLNR - Land Division

Charlene Unoki - Acting Oahu Land Manager

WATER MANAGEMENT AREA: E-mail

Wai'manalo

Tax Map Key: 4-1-014-13

 Grave

4-1-014-13

WATER REQUESTED: 1,728,000 gallons per day (averaged over 1 year)

QUALITY OF WATER REQUESTED:

Flowmeter

Method of measurement:

Open-pipe

Water

Office

Other (explain)

Well & Pump

Diverted Surface

Other (explain)

Proposed Time of Water Withdrawal or Diversion: Continuously

Method of Taking Water (check one):

Groundwater or Surface Water

Proposed Use of Water:

Municipal (Including hotels, stores, etc.)

Individual Domestic

Irrigation

Industrial

Military

Other Explained through Tanks

Applicant (print)

Seal Life Park Hawaii

Date

Landowner (print)

State of Hawaii - DLNR - Land Division

Signature

Date

NOTE: Signing below indicates that the signatories understand and agree that: 1) The information provided on this application is accurate and true to the best of their knowledge; 2) Item 14 is the responsibility of the applicant prior to Commission approval; 3) If necessary, further information may be required before the application is considered complete; 4) If a water use permit is granted by the Commission, this permit is subject to prior existing permitted uses, changes in sustainable yields and stream flow standards, reserved uses as defined by the Commission, and Hawaiian Home Lands future uses; and 5) Upon permit approval, a water shortage plan must be submitted by the applicant should the Commission require one.
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<tr>
<th>No.</th>
<th>Project Name</th>
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<th>Use Type</th>
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**TOTAL GPD**: 1,728,000

**DEPARTMENT OF PLANNING AND PERMITTING SIGNATURE**

Only for verification that: 1) TMKs listed are consistent with zoning; and 2) projects listed are allowed with respect to zoning.

Instructions for completing Table 1: Individual projects and phases must be listed separately and numbered sequentially on Table 1. Copy Table 1 and attach additional sheets if necessary. Please indicate individual projects and phases on TMK maps by clearly delineating project areas and indicating sequential number within delineated areas to coincide with Table 1. Please attach a separate sheet giving the address and a brief description of each project and phase listed above. In addition, if the proposed use is existing, please provide the WUP No. or indicate when the existing use was initiated. Also, the Department of Planning and Permitting (DPP) must sign before application is acceptably complete. Please consult with DPP at x9999.  

Attn: Arthur D. Chalmescomb
WAIMANALO, Koolaupoko, Oahu.

For real property taxation purposes subject to change.

TAX MAP
4-1-14
Ms. Linnel T. Nishioka - Deputy Director  
Commission on Water Resource Management  
Department of Land and Natural Resources  
State of Hawaii

Dear Ms. Nishioka:

Water Use Permit Application for  
Sea Life Park Well A - State Well No. 1940-02

Attached is the Water Use permit application and $25.00 filing fee for Sea Life Park Well A, State Well No. 1940-02. The existing saltwater well will provide circulation for the tanks at Sea Life Park. A copy of the application was sent today to the Department of Planning and Permitting (DPP) for its review. As I understand it, DPP will send you a letter of concurrence on the information provided in Table 1 of the application.

Feel free to call me or Randy Honke at Oceanic Institute if you have questions. Thank you for your attention to this matter.

Sincerely,

Tom Nance

Attachment

cc: Randy Honke - Oceanic Institute
PAY

** Twenty-five and 00/100 **

TO THE ORDER OF

Department of Land and Natural Resources

DOLLARS $25.00

DATE September 16, 2002

DETACH AND RETAIN THIS STATEMENT

THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW

IF NOT CORRECT, PLEASE NOTIFY US PROMPTLY. NO RECEIPT DESIRED

<table>
<thead>
<tr>
<th>DATE</th>
<th>DESCRIPTION</th>
<th>AMOUNT</th>
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<tr>
<td></td>
<td>Filing Fee</td>
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</table>
State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
APPLICATION FOR WATER USE PERMIT
7-17-02

Instructions: Please print in Ink or type and send 15 copies of completed application with attachments to the Commission on Water Resource Management, DLNR, 1100 Punchbowl St, Honolulu, HI 96817. Application must be accompanied by a non-refundable filing fee of $25.00 payable to the Dept. of Land and Natural Resources. The Commission may not accept incomplete applications. For assistance, call the Regulation Branch at 808-586-1006.

For further information and updates to this application form, visit http://www.state.hi.us/dlnr/cwnn.

PERMITTEE INFORMATION
1. (a) APPLICANT
   Firm/Name: Sea Life Park Hawaii
   Contact Person: 
   E-mail: 

   (b) LANDOWNER OF SOURCE
   Firm/Name: State of Hawaii - DLNR - Land Division
   E-mail: 

SOURCE INFORMATION
2. WATER MANAGEMENT AREA: Waimanalo
   ISLAND: Oahu

3. (a) EXISTING WELL/STREAM DIVERSION NAME AND STATE NUMBER: Sea Life Park Well "A": State No. 1940-02
   (If source doesn't presently exist, please attach well construction/stream diversion permit or application.)

   (b) PROPOSED (NEW) WELL/STREAM DIVERSION NAME:
   Location: Address: Tax Map Key: 4 . 1 . 13 
   (Attach and show source location on a USGS map, scale 1"=2000", and a property tax map)

4. SOURCE TYPE (check one): D Stream 
   D Well (Saline) D Dike-confined D Perched D Caprock

5. METHOD OF TAKING WATER (check one): D Artesian 
   D Well & Pump D Diverted Surface D Other (explain)

USE INFORMATION
6. LOCATION OF PROPOSED WATER USE: (If possible, show on same maps as source location. Otherwise, attach similar maps)
   (a) PUC-Regulated Private System D Non-PUC-Regulated Private System
   (b) Tax Map Key: Please complete Table 1 on back of application and shade applicable portion of property tax map.

7. QUANTITY OF WATER REQUESTED: 1,728,000 gallons per day (averaged over 1 year)

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

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

10. PROPOSED USE:
    D Non-PUC-Regulated Private
    D Intended Dedication to Dept./Board of Water Supply
    D Intended Use of Water
    D Other (explain)

11. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION:
   Continuously
   (daytime hours of operation; example, 7 a.m. to 2 p.m.)

12. APPLICANT MUST ESTABLISH THAT THE PROPOSED USE OF WATER:
    (a) Can be accommodated with the available water source.
    (b) Is a reasonable-beneficial use.*
    (c) Will not interfere with any existing legal use.
    (d) Is consistent with the public interest.
    (e) Is consistent with state and county general plans and land use designations.
    (f) Is consistent with county land use plans and general policies.
    (g) Will not interfere with the rights of the Department of Hawaiian Home Lands.

   * Section 13-171-2, Hawaii Revised Statutes –
   "Reasonable-beneficial use" means the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is not wasteful and is both reasonable and consistent with the state and county land use plans and the public interest.

13. REMARKS, EXPLANATIONS:
    Well "A" provides water of essentially seawater salinity (34 P.P.T.). A 1200 GPM pump would be installed and run continuously to provide circulation for various tanks at the park.

NOTE: Signing below indicates that the signatories understand and swear that: 1) the information provided on this application is accurate and true to the best of their knowledge; 2) Item 14 is the responsibility of the applicant prior to Commission approval; 3) If necessary, further information may be required before the application is considered complete; 4) If a water use permit is granted by the Commission, the 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; and 5) Upon permit approval, a water shortage plan must be submitted by the applicant should the Commission require one.

Applicant (print): Sea Life Park Hawaii
Signature: ____________________________ Date: 9-6-02

Landowner (print): State of Hawaii - DLNR - Land Division
Signature: ____________________________ Date: ________________

WUP No. 638
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**TABLE 1. TMKs TO USE REQUESTED WATER**

**Instructions for completing Table 1:**

- Individual projects and phases must be listed separately and numbered sequentially on Table 1. Copy Table 1 and attach additional sheets if necessary. Please indicate individual projects and phases on TMK maps by clearly delineating project areas and indicating sequential number within delineated areas to coincide with Table 1. Please attach a separate sheet giving the address and a brief description of each project and phase listed above. In addition, if the proposed use is existing, please provide the WUP No. or indicate when the existing use was initiated. Also, the Department of Planning and Permitting (DPP) must sign before application is acceptably complete. Please consult with DPP at Attn: Arthur D. Challacombe

**For verification that:**

1) TMKs listed are consistent with zoning; and
2) projects listed are allowed with respect to zoning.

**DEPARTMENT OF PLANNING AND PERMITTING SIGNATURE**

____________________________________________

DATE

Only for verification that: 1) TMKs listed are consistent with zoning; and 2) projects listed are allowed with respect to zoning.
TO:         Ms. Dede Mamiya, Administrator  
             Land Division
FROM:     Yvonne Y. Izu, Deputy Director  
             Commission on Water Resource Management
SUBJECT: Request for Chairperson's Signature as Landowner for Well No. 1940-02

The attached permit application entails the use of State-owned land and, accordingly, requires the signature of the Chairperson as the landowner. Here, we are requesting your help in affirming the State's ownership of the property and, thereafter, routing the application to the Chairperson for his signature. (We have enclosed the appropriate transmittal memo that contains the affirmation statement.)

Please note that the Chairperson's signature on the permit application completes the application and allows it to be accepted for processing by the Commission. The signature neither represents an endorsement of the applicant's proposal nor an approval for the use of State land; both approvals would be sought by the applicant under separate actions later.

Please inform us if the proposed project is in the Conservation District and, if so, whether the requirements of Chapter 343 have been met.

Lastly, please confirm that the contact person at Land Division is Charlene Unoki regarding transmitting the attached original applications to the Chairperson's office.

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Attach.
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- work to enter info on database
- receive & add to signature

Susan - just for internal usage

1940-02
- what happened to 9/16/02 application? also, not seen
- didn't get Table 1 + ii
MEMORANDUM

TO: Ryan Imata - CWRM

FROM: Tom Nance

SUBJECT: Water Use Permit Application for Sea Life Park Well A, State No. 1940-02

Attached is a copy of the Water Use Permit application with DPP's signature at the bottom of Table 1 and its letter of explanation. It appears that all that is missing from the application is the signature of the State as Landowner. It is my understanding that you have an internal routing process to obtain that signature. If you would, please use that process to obtain the appropriate signature for us.

cc: Randy Honke - OL [Fax Only: 6 pages (#150)]

Attachment
October 17, 2002

Mr. Tom Nance
Tom Nance Water Resource Engineering

Dear Mr. Nance:

Sea Life Park Well A – Water Use Permit Application

We have reviewed the subject Water Use Permit Application and provide the following comments:

The current zoning for TMK 4-1-014: 013 is P-1 Restricted Preservation District. Since it is within the State Conservation District, the Department of Land and Natural Resources should be consulted on appropriate use.

Should you have any questions, please call Matthew Higashida of our staff at [redacted]

Sincerely yours,

[Signature]

RANDALL K. FUJIKI, AIA
Director of Planning and Permitting

RKF:js

cc: Wayne Nielsen, General Manager
Sea Life Park Hawaii

g: Planning/DivFunction/Wup/Sea Life Park Well A
State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
APPLICANT FOR WATER USE PERMIT

7-17-02
Groundwater or □ Surface Water
02-38

Instructions: Please print in ink or type and send 15 copies of completed application with attachments to the Commission on Water Resource Management, 1170 Punchbowl St., Honolulu, Hawaii 96817. Application must be accompanied by a non-refundable filing fee of $25.00 payable to the Dept. of Land and Natural Resources. The Commission may not accept incomplete applications. For assistance, call the Regulation Branch at (808) 586-0814. For further information and updates to this application form, visit http://www.state.hawaii.gov/wfperm.

PERMITTEE INFORMATION
1. (a) APPLICANT
Firm/Name: Sea Life Park Hawai'i
Contact Person: Wayne Nielsen - General Manager
Address: P.O. Box 2000, Waimanalo, HI 96795-2000
E-mail: info@sealifeparkhawaii.com
(b) LANDOWNER OF SOURCE
Firm/Name: State of Hawaii - DLNR - Land Division
Contact Person: Charlene Unoki - Acting Oahu Land Manager
Address: P.O. Box 2000, Waimanalo, HI 96795-2000
E-mail: landdivision@dlnr.hawaii.gov

SOURCE INFORMATION
2. WATER MANAGEMENT AREA: Waimanalo
ISLAND: Oahu
3. (a) EXISTING WELLSTREAM DIVERSION NAME AND STATE NUMBER: Sea Life Park Well "A"; State No. 1940-02
© If source doesn't presently exist, please attach well construction/stream diversion permit or application.
(b) PROPOSED (NEW) WELLSTREAM DIVERSION NAME:
(c) LOCATION: Address: Sea Life Park, __________ Tax Map Key: __________
4. SOURCE TYPE (check one): □ Stream □ Basin (Saline) □ Dike-confined □ Perched □ Caprock
5. METHOD OF TAKING WATER (check one): □ Artesian □ Well & Pump □ Diverted Surface □ Other (explain)

USE INFORMATION
6. LOCATION OF PROPOSED WATER USE: (If possible, show on same maps as source location. Otherwise, attach similar maps)
(a) □ PUC-Regulated Private System □ Intended Dedication to Dept. /Board of Water Supply □ Non-PUC-Regulated Private System
(b) Tax Map Key: Please complete Table 1 on back of application and shade applicable portion of property tax map.
7. QUANTITY OF WATER REQUESTED: 1,728,000 gallons per day (averaged over 1 year)
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 (Circulation through Tanks) □ Industrial □ Military □ Other Explain through (Other Explain)
11. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION: □ Continuously
□ Daytime hours of operation; example, 7 a.m. to 2 p.m.

12. APPLICANT MUST ESTABLISH THAT THE PROPOSED USE OF WATER:
(a) Can be accommodated with the available water source.
(b) Is a reasonable-beneficial use.*
(c) Will not interfere with any existing legal use.
(d) Is consistent with the public interest.
(e) Is consistent with state and county general plans and land use designations.
(f) Is consistent with county land use plans and general policies.
(g) Will not interfere with the rights of the Department of Hawaiian Home Lands.
* Section 13-171-2, Hawaii Revised Statutes — "Reasonable-beneficial use" means the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is not wasteful and is both reasonable and consistent with the state and county land use plans and the public interest.

13. REMARKS, EXPLANATIONS: Well "A" provides water of essentially seawater salinity (34 PPT). A 1200 GPM pump would be installed and run continuously to provide circulation for various tanks at the park.

NOTE: Signing below indicates that the signatories understand and swear that: 1) the information provided on this application is accurate and true to the best of their knowledge; 2)Item 14 is the responsibility of the applicant prior to Commission approval; 3) If necessary, further information may be required before the application is considered complete; 4) If a water use permit is granted by the Commission, this 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; and 5) Upon permit approval, a yearly shortage plan must be submitted by the applicant should the Commission require one.

Applicant (print) Sea Life Park Hawai'i
Signature __________________________ Date 9.6.02
Landowner (print) State of Hawaii - DLNR - Land Division
Signature __________________________ Date

WUPAFORM (3/1/00)
TABLE 1. TMKs TO USE REQUESTED WATER

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Instructions for completing Table 1: Individual projects and phases must be listed separately and numbered sequentially on Table 1. Copy Table 1 and attach additional sheets if necessary. Please indicate individual projects and phases on TMK maps by clearly delineating project areas and indicating sequential number within delineated areas to coincide with Table 1. Please attach a separate sheet giving the address and a brief description of each project and phase listed above. In addition, if the proposed use is existing, please provide the WUP No. or indicate when the existing use was initiated. Also, the Department of Planning and Permitting (DPP) must sign before application is acceptably complete. Please consult with DPP at (904) 774-7640 for more information.
MEMORANDUM

TO: Ryan Imata - CWRM
FROM: Tom Nance
SUBJECT: Water Use Permit Application for Sea Life Park Well A, State No. 1940-02

Attached is a copy of the Water Use Permit application with DPP's signature at the bottom of Table 1 and its letter of explanation. It appears that all that is missing from the application is the signature of the State as Landowner. It is my understanding that you have an internal routing process to obtain that signature. If you would, please use that process to obtain the appropriate signature for us.

cc: Randy Honke - Ol [Fax Only: 6 pages (#150)]

Attachment
October 17, 2002

Mr. Tom Nance
Tom Nance Water Resource Engineering

Dear Mr. Nance:

Sea Life Park Well A – Water Use Permit Application

We have reviewed the subject Water Use Permit Application and provide the following comments:

The current zoning for TMK 4-1-014: 013 is P-1 Restricted Preservation District. Since it is within the State Conservation District, the Department of Land and Natural Resources should be consulted on appropriate use.

Should you have any questions, please call Matthew Higashida of our staff at [redacted]

Sincerely yours,

[Signature]

RANDALL K. FUJIKI, AIA
Director of Planning and Permitting

RKF:js

cc: Wayne Nielsen, General Manager
    Sea Life Park Hawaii

g:Planning/DivFunction/WP/Sea Life Park Well A
PERMITTEE INFORMATION

1. (a) APPLICANT
   Film/Name: Sea Life Park Hawaii
   Contact Person: Wayne Nielsen - General Manager
   Address: 79-655 Kamehameha Hwy, Waimanalo, HI 96795
   E-mail: wayne@sealifemall.com

   (b) LANDOWNER OF SOURCE
   Film/Name: State of Hawaii - DLNR - Land Division
   Contact Person: Charlene Unold - Acting Oahu Land Manager

SOURCE INFORMATION

2. WATER MANAGEMENT AREA: Waimanalo
   ISLAND: Oahu

3. (a) EXISTING WELLS/STREAM DIVERSION NAME AND STATE NUMBER: Sea Life Park Well "A", State No. 1940-02
   (b) PROPOSED (NEW) WELLS/STREAM DIVERSION NAME:
   (c) LOCATION: Address Sea Life Park, Waimanalo, HI 96795
   Tax Map Key: 4-1-104-13
   (Attach and show source location on a USGS map, scale 1"=2000', and supply applicable portion of property tax map)

USE INFORMATION

4. SOURCE TYPE (check one): Stream
5. METHOD OF TAKING WATER (check one): Artesian

8. LOCATION OF PROPOSED WATER USE: (If possible, show on same maps as source location. Otherwise, attach similar maps)
   (a) PUC-Regulated Private System
   (b) Non-PUC-Regulated Private System
   (c) Intended Use to Dept. of Water Supply
   (d) Tax Map Key: Please complete Table 1 on back of application and shade applicable portion of property tax map

7. QUANTITY OF WATER REQUESTED: 1,728,000 gallons per day (averaged over 1 year)

9. QUALITY OF WATER REQUESTED: Fresh

10. PROPOSED USE: (a) Municipal (including hotels, stores, etc.)
    (b) Industrial
    (c) Military
    (d) Irrigation (Circulation or Other Spacing through Tanks)

11. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION: Continuously (daytime hours of operation; example, 7 a.m. to 2 p.m.)

12. APPLICANT MUST ESTABLISH THAT THE PROPOSED USE OF WATER:
   (a) Can be accommodated with the available water source.
   (b) Is a reasonable-beneficial use.*
   (c) Will not interfere with any existing legal use.
   (d) Is consistent with the public interest.
   (e) Is consistent with state and county general plans and land use designations.
   (f) Is consistent with county land use plans and general policies.
   (g) Will not interfere with the rights of the Department of Hawaiian Home Lands.

   * Section 13-171-2, Hawaii Revised Statutes - "Reasonable-beneficial use" means the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is not wasteful and is both reasonable and consistent with the state and county land use plans and the public interest.

13. REMARKS, EXPLANATIONS: Well "A" provides water of essentially seawater salinity (34 PPT). A 1200 GPM pump would be installed and run continuously to provide circulation for various tanks at the park.

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Applicant (print) Sea Life Park Hawaii
Signature
Date 9/6/02

Landowner (print) State of Hawaii - DLNR - Land Division
Signature
Date

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<td>TOTAL GPD</td>
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<td>1,728,000</td>
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Instructions for completing Table 1: Individual projects and phases must be listed separately and numbered sequentially on Table 1. Copy Table 1 and attach additional sheets if necessary. Please indicate individual projects and phases on TMK maps by clearly delineating project areas and indicating sequential number within designated areas to coincide with Table 1. Please attach a separate sheet giving the address and a brief description of each project and phase listed above. In addition, if the proposed use is existing, please provide the WUP No. or indicate when the existing use was initiated. Also, the Department of Planning and Permitting (DPP) must sign before application is acceptably complete. Please consult with DPP.
October 14, 1993

The Honorable Keith W. Ahue
Chairperson
Commission on Water Resource Management
Department of Land and Natural Resources

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
The Honorable Keith W. Ahue  
State of Hawaii  
Department of Land and Natural Resources  
Commission of Water Resource Management  

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 Mgt. Area</th>
<th>Amount Requested (gpd)</th>
<th>Tax Map</th>
<th>Well Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>US Fish/Wildlife</td>
<td>Waipahu</td>
<td>432,000</td>
<td>9-1-17:12</td>
<td>2101-14</td>
</tr>
<tr>
<td>Sea Life Park</td>
<td>Makapuu</td>
<td>4,320,000</td>
<td>4-1-14:13</td>
<td>1939-01</td>
</tr>
<tr>
<td>Sea Life Park</td>
<td>Makapuu</td>
<td>4,320,000</td>
<td>4-1-14:13</td>
<td>1939-02*</td>
</tr>
<tr>
<td>Sea Life Park</td>
<td>Makapuu</td>
<td>--</td>
<td>4-1-14:13</td>
<td>1940-02*</td>
</tr>
</tbody>
</table>

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

Sincerely yours,

Clayton H. 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 Applications
         Waimanalo Ground Water Management Area, Oahu

Transmitted for your review and comment are copies of water use permit applications for Sea Life Park Hawaii for Well Nos. 1939-01 & 02 and 1940-02 & 11. Public notice of these applications will be published in the Honolulu Star Bulletin issues of August 12, 1993 and August 19, 1993.

We would appreciate your review of the attached applications and please return this form by September 3, 1993.

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

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. Henriques Phone: 

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

Signed: Luis A. Henriques Date: 09/25/93

AUG 13 1993
MINUTES
FOR THE MEETING OF THE
COMMISSION ON WATER RESOURCE MANAGEMENT

DATE: September 15, 1993
TIME: 1:30 p.m.
PLACE: Mitchell Pauole Community Center
        Conference Room

ROLL CALL: Chairperson Ahue called the meeting of the Commission on Water
           Resource Management to order at 1:47 p.m.

The following were in attendance:

MEMBERS: Mr. Keith Ahue
          Mr. Richard Cox
          Mr. Guy Fujimura
          Dr. John L. Lewin
          Mr. Robert Nakata

EXCUSED: Mr. J. Douglas Ing

STAFF: Ms. Rae Loui
       Mr. Edwin Sakoda
       Mr. Roy Hardy
       Ms. Lyann Mizuno
       Ms. Lenore Nakama
       Ms. Sharon Kokubun

COUNSEL: Mr. William Tam

OTHERS:

Dan Kuhn
Wilma Grambusch
Mike Foulkes
Edwin Miranda
Paul Matuo
Robert Granger
Charley Ice
Gene Ferguson
Rick Ten Cate
Duane Cranney
June Kapuni-Dearson
Joseph Wampler
Daniel Bennet
Kelii Mawae
Neal Wu

Tom Hill
Judy Caparida
Ellen Kraftsow
Steve Kaiser
Wilma Joy
Peter Eichhorn
Collette Machado
Tom Nance
Tom DeCourcy
Elizabeth Johnson
George Denison
Peter Thompson
Kip Dunbar
David Martin

All written testimonies submitted at the meeting are filed in the Commission office and are
available for review by interested parties. Some items were taken out of sequence to
accommodate requests by applicants or interested parties.

ITEM 1 MINUTES OF THE SEPTEMBER 1, 1993 MEETING

Unanimously approved (Cox/Nakata).
ITEM 2  OLD BUSINESS/ANNOUNCEMENTS

Ms. Loui announced the public meeting which would be held that evening at Molokai High School to hear testimony for proposed reservations of water for the Department of Hawaiian Home Lands (DHHL).

ITEM 3  RESUBMITTAL: SEA LIFE PARK HAWAII APPLICATIONS FOR WATER USE PERMIT, WELLS 1, 2, 3, & A (WELL NOS 1939-01 & 02, 1940-11 & 02), WAIMANALO GROUND WATER MANAGEMENT AREA, OAHU

Mr. Steve Kaiser, representing the applicant, stated that a request was sent to the Department of Land and Natural Resources to determine if a water license is required.

Mr. Martin of Native Hawaiian Advisory Council presented testimony (copy in Commission files).

Unanimously approved as submitted (Lewin/Cox).

ITEM 4  APPOINTMENT OF HEARINGS MASTERS

Unanimously approved (Lewin/Nakata).

ITEM 5  HOUSING FINANCE AND DEVELOPMENT CORPORATION APPLICATION FOR A PUMP INSTALLATION PERMIT, WAHIKULI IRRIGATION WELL (WELL NO. 5440-01), WAHIKULI, MAUl

Mrs. Grambusch asked if any allotment for housing was made for native Hawaiians. Mr. Neal Wu, representing HFDC, had no response. Mrs. Grambusch asked for an allotment for native Hawaiians to go with the permit if water is approved for the project.

Chairperson Ahue stated that the matter was reviewed by OHA. If the project is on ceded lands and there are revenues, OHA would be entitled to 20% of the revenues.

Unanimously approved (Cox/Nakata).

ITEM 6  KALAELOA PARTNERS, L.P. AMENDMENT OF A WATER USE PERMIT AND APPLICATION FOR A WELL CONSTRUCTION PERMIT, KALAELOA WELLS PW-7 TO 9 (WELLS NOS. 1805-10-12), EWA BEACH, OAHU

Unanimously approved (Nakata/Cox).

ITEM 7  HAWAIIAN RESEARCH LTD. APPLICATION FOR A WATER USE PERMIT, KAMIOLOA GROUND WATER MANAGEMENT AREA, MOLOKAI

Unanimously approved (Nakata/Lewin).
ITEM 8
DAVID W. CURTIS, R.M. GRANGER, KAWELA PLANTATION HOMEOWNERS ASSOCIATION, JOHN UAEA, SR., AND MAUI DEPARTMENT OF WATER SUPPLY APPLICATIONS FOR WATER USE PERMITS, KAWELA GROUND WATER MANAGEMENT AREA, MOLOKAI

Ms. Grambusch objected to the amount of water being requested by the Kawela Plantation from the Kawela Aquifer. She felt the evening meeting on reservation of water should have taken place before the Commission meeting because all the applications being heard are affected by reservation of water.

A Petition to Intervene was filed by Michael Foulkes on behalf of Wilma Kamakana Grambusch, pursuant to the right to a contested case hearing under Section 174C-60 (see Commission files). Mr. Foulkes reviewed the petition asking for deferral of the applications.

Mr. Tam stated that the objector (Mrs. Grambusch) must file an application to be a party in a contested case hearing within ten days detailing the grounds for her objections so a determination on standing can be made. If she has legal standing on all five applications a public hearing will be held.

Unanimously approved for deferral for a public hearing process to possibly be held on November 10, 1993. Existing uses may continue. (Lewin/Cox).

ITEM 9
DEPARTMENT OF HAWAIIAN HOME LANDS AND MAUI DEPARTMENT OF WATER SUPPLY APPLICATIONS FOR WATER USE PERMITS, KUALAPUU GROUND WATER MANAGEMENT AREA, MOLOKAI

1. DHHL Well Nos. 0801-01 & 02: Mr. Charley Ice, representing the Department of Hawaiian Home Lands, stated that the existing amount is acceptable but they would eventually have to come back to the Commission to request additional irrigation and potable water for future developments.

2. DWS Well No. 1059-01: Ms. Ellen Kraftsow of the Maui Department of Water Supply requested an amendment to 36,000 gpd (the amount used to currently serve the customers in Kalae) instead of 25,000 gpd being recommended.

NHAC presented testimony (see Commission files) asking that the Commission records reflect "DHHL's continuing and increasing reliance upon the principle that their right of first call will be effectuated with a sense of immediacy".

1. Unanimously approved (Nakata/Cox).

2. Unanimously approved with an amended water use of 36,000 gpd (Nakata/Cox).

ITEM 10
MOLOKAI RANCH, LTD. APPLICATION FOR WATER USE PERMIT, MANAWAINUI GROUND WATER MANAGEMENT AREA, MOLOKAI

Mrs. Wilma Grambusch stated her concerns in regards to the wetland areas that may be affected by the applicant's request.
Mr. Ice (DHHL) said the first of the four wells appear to be an existing use, therefore they have no objections. The other three wells appear to be new uses and are upgradient of Hawaiian Home lands. Withdrawals could affect salinity for future uses on Hawaiian Home lands. DHHL recommends monitoring the salinity of water and conditioning any future use upon the means of future uses on Hawaiian Home lands.

Ms. Collette Machado asked Molokai Ranch what the plans were for the land because the community has not been kept informed of the development plans. Until plans are made known, their permits should be denied.

The applicant was asked to provide written information on the specific uses for the water use being requested. The following actions were taken on the four recommendations made by staff in regards to the issuance of interim water use permits:

1. Unanimously approved to deny without prejudice the issuance of an interim water use permit for 150,000 gpd from the Ooia Dug Well (Cox/Lewin).
2. Unanimously approved the issuance of an interim water use permit for use of 600,000 gpd for the Orca Shaft #1 and Orca #2 Wells (Cox/Lewin).
3. Unanimously approved the issuance of an interim water use permit for use of 40,000 gpd from Orca #3 (Cox/Lewin).
4. Unanimously approved for deferral to the November 10, 1993 meeting on Molokai, the request for 40,000 gpd of water from the Orca #3 Well (Cox/Lewin).

ITEM 11

JOHN N. URAUCHI, ELLEN M. OSBORNE, AND MAUI DEPARTMENT OF WATER SUPPLY APPLICATIONS FOR WATER USE PERMITS, UALAPUE GROUND WATER MANAGEMENT AREA, MOLOKAI

1. Mr. Urauchi asked that the acreage of land be corrected to 0.25 acre and not 25 acres.
2. Mrs. Osborne explained the water would be used to irrigate established plantings.

Chairperson Ahue stated that the resolution of the issues raised by the Historic Preservation Division is not determined by the Commission. He asked that Mrs. Osborne work with staff.

Ms. Collette Machado of the Molokai Burial Council asked that the application be denied because of pending charges and fines against Mrs. Osborne for deliberate disturbance of a burial site.

Dr. Lewin asked for A.G. opinion in regards to the burial site since the well in question does not affect the site. Mr. Tam stated that the Commission can act independently of any action with the burial council and the Historic Preservation Division.

3. Ms. Ellen Kraftsow of the Maui Department of Water Supply requested that the water use be amended to 185,000 gpd instead of the stated 171,000 gpd.
Ms. Grambusch was concerned that 1) the County of Maui needs to be more precise on the amount of water they need and 2) questioned if the County was conforming to the safe drinking water act.

Dr. Lewin stated that he did check with the Safe Drinking Water Program and since 1992 the County has complied with the Safe Drinking Water Act.

The following actions were taken on the above three applications:

1. Urauchi: defer to the November 10, 1993 meeting. Applicant to submit more detailed information for the proposed water use being requested (Lewin/Cox).

2. Osborne: defer to the November 10, 1993 meeting. Applicant to submit written plans for use of the water being requested and to supply information on the source of the existing irrigation system (Lewin/Cox).

3. Maui Department of Water Supply: Unanimously approved for the amended use of 185,000 gpd (Lewin/Nakata).

ITEM 12  KAINALU RANCH APPLICATION FOR A WATER USE PERMIT, WAIALUA GROUND WATER MANAGEMENT AREA, MOLOKAI

Dr. Lewin requested the applicant to submit a written request to continue the permit process for a well construction, pump installation, and water use permits. Recommendation was made to defer action until the next meeting to be held on Molokai.

Unanimously approved for deferral (Lewin/Nakata).

ITEM 13  DEPARTMENT OF AGRICULTURE APPLICATION FOR A WATER USE PERMIT, WAIKOLU GROUND WATER MANAGEMENT AREA, MOLOKAI

On the advice of the Attorney General, Chairperson Ahue called for a deferral of this application as recommended by staff due to objections raised and stated that a public hearing would need to be held. A tentative date of November 10, 1993 was set for the public hearing to be held on Molokai. The Department of Agriculture may continue pumpage of the existing source.

Testimonies were presented by parties for as well as against the project. All written testimonies received are on file in the Commission office.

ITEM 14  OTHER BUSINESS

1. In regards to the letter from Lanai Company raising questions on the sustainable yield and institutional problems with the Land Use Commission, Mr. Cox felt it should be reviewed with the staff, the Commission, and John Mink.

Ms. Loui said a briefing would be scheduled at a later date.
Dr. Lewin asked for the following items to be brought up for future action:

a. The Water Quality Plan - the Code Review Commission and the Commission should meet to review the recommended actions relating to overlapping enforcement and adding additional enforcement to certain areas of the Water Code so water quality work can be carried out more effectively.

b. Issues on the Caprock - a hearing will be held in the near future, suggest staff from the DOH and CWRM attend the hearing and register concerns. Long-term effects of the harbor should be considered in terms of caprock water resources.

**ADJOURNMENT** The meeting was adjourned at 5:20 p.m.

Respectfully submitted,

SHARON S. KOKUBUN
Secretary

APPROVED AS SUBMITTED:

RAE M. LOUI, Deputy Director
Chairperson and Members
Commission on Water Resource Management
State of Hawaii
Honolulu, Hawaii

September 15, 1993

Gentlemen:

RESUBMITTAL
Sea Life Park Hawaii
Applications for Water Use Permit
Wells 1, 2, 3, & A (Well Nos. 1939-01 & 02, 1940-11 & 02)
Waimanalo Ground Water Management Area, Oahu

Applicant:
Sea Life Park Hawaii

Landowner:
State Of Hawaii

Background

On September 1, 1993, the Commission deferred action on these applications to allow for the September 3, 1993 deadline for filing written objections. No specific objections were filed. At this time, the Commission also encouraged the applicant to initiate communication with the Department of Land and Natural Resources, Division of Land Management, such that the issue of water licensing may be resolved. Completed water use permit applications for Wells 1, 2, & 3 (Well Nos. 1939-01, 02, & 1940-11) and Well A (Well No. 1940-02) had been submitted to the Commission on May 18, 1993 and June 9, 1993, respectively. Specific information regarding the sources, use, notification, objections, and field investigation(s) are described in Attachment A and the attached exhibit.

Analysis & Issues

Three of these four existing sources, Wells 1, 2, & 3 (Well Nos. 1939-01 & 02 and 1940-11), withdraw salt water underlying the Waimanalo Aquifer System for use by Sea Life Park’s Oceanarium. Through verbal agreement with The Oceanic Institute, a portion of the water from Well 3 (Well No. 1940-11) is reserved for augmentation of the institute’s aquacultural salt water supply. The fourth well, Well A, is a standby salt-water well that has not been used for at least 15 years.

The active wells are located at the shoreline near Makapuu Point at elevations of less than 5 ft. with respect to mean sea level. Because the sources tap sea water at depth, the sustainable yield of the Waimanalo Aquifer System will not be affected, and no impacts on either surface- or ground-water systems are anticipated. There are no wells downgradient, and impact on nearby existing wells should not be any different than it has been over the past 30 years. No specific objections to this application have been submitted to the Commission.

To date, reports of actual monthly water usage have not been pursued by staff because of the non-competitive nature of the salt water withdrawals and its negligible impact on the Waimanalo Aquifer System. However, a standard condition of a water use permit for this existing amount is that the applicant submit monthly water use reports. The applicant’s request is for continued use of 4.32 million gallons per day (mgd) of salt water from each of the three active wells; however, based on recent verbal communication and field investigation with the applicant, actual use from Wells 1 & 2 combined and from Well 3 has been consistent at 7.632 mgd and 4.608 mgd, respectively.
Currently, there are four (4) other pending applications for water use permits for the Waimanalo Aquifer System. All four applications have been submitted by the Royal Hawaiian Country Club requesting a total of 0.225 mgd of non-potable water for golf course irrigation. In addition to these pending allocations, the Department of Hawaiian Home Lands has requested reservation of 0.53 mgd of potable water for future developments of Hawaiian Home Lands in Waimanalo. A public hearing is scheduled for September 8, 1993 to address DHHL’s reservation concerns. Also, none of these pending allocations are anticipated to compete, or otherwise conflict, with the applicant’s requested quantity of salt water.

There has been concern expressed over water licensing as it relates to withdrawal of ground water from sources located on State lands. According to discussion with Land Management staff, water licenses have not previously been issued for salt water wells so near to the ocean. Therefore, although all four existing sources are located on State lands, water licenses for these salt water wells do not exist.

RECOMMENDATION

That the Commission approve the issuance of an interim water use permit to Sea Life Park Hawaii to use 7,632,000 gallons per day of salt water for use from Wells 1 and 2 (Well Nos. 1939-01 & 02), and 4,608,000 gallons per day from Well 3 (Well No. 1940-11) for the reasonable and beneficial use of a commercial ocean park, subject to the standard water use permit conditions listed in Attachment B and the following special condition:

1. The applicant must seek determination from the BLNR and the Land Management Division as to whether or not a water license is required for withdrawal of the water in this particular case. If the result is that a water license is required, then the water license must be obtained before the permit is issued or delivered. If the result is that a water license is not required under the lease and under the statutes, then the water use permit will be issued without further action by the Commission.

Respectfully submitted,

RAE M. LOUI
Deputy Director

APPROVED FOR SUBMITTAL:

KEITH W. AHUE, Chairperson
WATER USE PERMIT DETAILED INFORMATION

Source Information

AQUIFER: Waimanalo System, Windward Sector, Oahu
Sustainable Yield: 8 mgd
Existing Water Use Permits: 1.872 mgd
Available Allocation: 6.128 mgd
Total of other pending allocations: 0.225 mgd

WELL:
Location: Well 1 (Well No. 1939-01)
Year Drilled: 1963
Casing Diameter: 18 in.
Elevations (msl= 0 ft.)
Water Level: NA ft.
Ground: 2 ft.
Bottom of Solid Casing: -23 ft.
Bottom of Perforated: NA ft.
Bottom of Open Hole: -24 ft.
Total Depth: 26 ft.
Grouted Annulus Depth: NA ft.

WELL:
Location: Well 2 (Well No. 1939-02)
Year Drilled: 1963
Casing Diameter: 18 in.
Elevations (msl= 0 ft.)
Water Level: NA ft.
Ground: 2 ft.
Bottom of Solid Casing: -22 ft.
Bottom of Perforated: NA ft.
Bottom of Open Hole: -23 ft.
Total Depth: 25 ft.
Grouted Annulus Depth: NA ft.

WELL:
Location: Well 3 (Well No. 1940-11)
Year Drilled: NA
Casing Diameter: 20 in.
Elevations (msl= 0 ft.)
Water Level: NA ft.
Ground: 3 ft.
Bottom of Solid Casing: -17 ft.
Bottom of Perforated: NA ft.
Bottom of Open Hole: -27 ft.
Total Depth: 30 ft.
Grouted Annulus Depth: NA ft.

WELL:
Location: Well A (Well No. 1940-02)
Year Drilled: 1963
Casing Diameter: 18 in.

ATTACHMENT A
Use Information

Well 1 (Well No. 1939-01)
Quantity Requested: 4,320,000 gallons per day.

Well 2 (Well No. 1939-02)
Quantity Requested: 4,320,000 gallons per day.

Well 3 (Well No. 1940-11)
Quantity Requested: 4,320,000 gallons per day.

Well A (Well No. 1940-02)
Quantity Requested: 0 gallons per day.

Total Requested: 12,960,000 gallons per day.

Existing Type of Water Use: Supply salt water to Sea Life Park Oceanarium.

Place of Water Use: Makapuu Point at TMK: 4-1-14:13

Total Reported Water Usage: 12,240,000 gpd
Nearby Similar Water Usage: NA gpd
Waimanalo Aquifer System Current 12-Month Moving Average Withdrawal: NA gpd
(NA% of SY)

Nearby Surrounding Wells and Other Registered Ground Water Use

There are thirteen (13) other wells within a mile of the well (see Exhibit 1). At present,
Chairperson and Members  
Commission on Water Resource Management  
September 15, 1993

Water is being withdrawn at only one of these wells. Information from the registration program indicates there are possibly twenty-six (26) existing wells in the Waimanalo Aquifer System. Several of these wells have been initially field checked but many of the declarants, including the larger users, have not been completely field verified. Several are not in use or are rights claims. However, the Oahu Water Use and Development Plan estimated that the existing withdrawals from the Waimanalo Aquifer System is 0.9 mgd as of 1990.

Public Notice

In accordance with HAR §13-171-17, a public notice was published in the Star-Bulletin on August 12, 1993 and August 19, 1993 and copies of the notice were sent to the Mayor's office and the Board of Water Supply. Additional notice copies were sent to the County Council and Department of Water Supply. Copies of the completed application were sent to the Department of Health, Department of Hawaiian Home Lands, Office of Hawaiian Affairs, Aquatic Resources, Historic Preservation, and other divisions of the Department of Land and Natural Resources, and other interested parties for comments. Written comments and objections to the proposed permit were to be submitted to the Commission by September 2, 1993.

Objections/Comments

The public notice specifies that an objector meet the following requirements: (1) state property or other interest in the matter; (2) set forth questions of procedure, fact, law, or policy, to which objections are taken; (3) state all grounds for objections to the proposed permits, (4) provide a copy of the objection letter(s) to the applicant, and (5) submit objections meeting the previous requirements to the Commission by September 2, 1993.

To the best of staff's knowledge there are no objectors who have property interest within the Waimanalo Aquifer System or who will be directly and immediately affected by the proposed water use. All objections and/or comments to the application are summarized as follows:

<table>
<thead>
<tr>
<th>Objection/Commentor</th>
<th>Objection/Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>NHAC</td>
<td>General process of water use permit applications. No specific objections to this application.</td>
</tr>
</tbody>
</table>

Briefs in Support

Responses to objections, or briefs in support, regarding the application are required to be filed with the Commission ten (10) days after an objection is filed and, presumably, copies are served to the applicant. No briefs in support were filed with the Commission.

Field Investigation

The water source and existing use were investigated on July 12, 1990 and August 23, 1993. The investigation(s) verified the applicants request for water use permit.

ATTACHMENT A
STANDARD WATER USE PERMIT CONDITIONS

1. The ground water described in the water use permit may only be taken from the location described, used for the reasonable-beneficial use described, and at the location described above and in the attachments. Reasonable-beneficial use means "the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is not wasteful and is both reasonable and consistent with the state and county land use plans and the public interest." (HAR §13-171-2).

2. The right to use ground water is a shared use right.

3. The water use must at all times meet the requirements set forth in HAR §13-171-13 which means that it:
   a. Can be accommodated with the available water source;
   b. Is a reasonable-beneficial use as defined in section §13-171-2;
   c. Will not interfere with any existing legal use of water;
   d. Is consistent with the public interest;
   e. Is consistent with state and county general plans and land use designations;
   f. Is consistent with county land use plans and policies; and
   g. Will not interfere with the rights of the Department of Hawaiian Home Lands as provided in section 221 of the Hawaiian Homes Commission Act.

4. The ground water must not interfere with surface or ground water rights or reservations.

5. The ground water use must not interfere with interim or permanent instream flow standards. If it does, then:
   a. A separate water use permit for surface water must be obtained in the case an area is also designated as a surface water management area;
   b. The interim or permanent instream flow standard, as applicable, must be amended.

6. The water use permit is subject to the requirements of the Hawaiian Homes Commission Act, as amended, if applicable.

7. The water use permit application and staff submittal approved by the Commission at its September 15, 1993 meeting are incorporated into the permit by reference.

8. Any modification of the permit terms, conditions, or uses can only be made with the express written consent of the Commission on Water Resource Management.

9. The water use permit may be modified by the Commission and the amount of water initially granted to the permittee may be reduced if the Commission determines it is necessary to:
   a. Protect water sources in quantity, quality, or both;
   b. Meet other legal obligations including other correlative rights;
   c. Insure adequate conservation measures;
   d. Require efficiency of water uses;
   e. Reserve water for future uses, provided that all legal existing uses of water as of June 1987, shall be protected;
   f. Meet legal obligations to the Department of Hawaiian Homes, if applicable; or
   g. Carry out such other necessary and proper exercise of the State's and the Commissions's police powers under law as may be required.

ATTACHMENT B
Prior to any reduction, the Commission shall give notice of its proposed action to the permittee and provide the permittee an opportunity to be heard.

10. If the ground water source is not existing, the development of the new well shall be completed, i.e. able to withdraw water for the proposed use on a regular basis, within twenty-four (24) months from the date the water use permit is approved.

11. An approved flowmeter(s) must be installed to measure withdrawals and a monthly record of withdrawals, water-levels, salinity, and temperature must be kept and reported to the Commission on a monthly basis in accordance the Commission’s September 16, 1992 action on reporting requirements;

12. The water use permit shall be subject to the Commission’s periodic review of the applicable aquifer’s sustainable yield. The amount of ground water use authorized by the permit may be reduced by the Commission if the sustainable yield of the Waimanalo Aquifer System, or relevant modified aquifer, is reduced;

13. The water use permit may not be transferred or the use rights granted by this permit sold or in any other way alienated. Pursuant to HAR §13-171-25 and the requirements of Chapter 174C, the Commission has the authority to allow the transfer of the permit and the use rights granted by the permit in a manner consistent with HAR §13-171-25. Any such transfer shall only occur with the Commission’s prior express written approval. Any sale, assignment, lease, alienation, or other transfer of any interest in this permit shall be void.

14. The use(s) authorized by law and by the water use permit do not constitute ownership rights.

15. The permittee shall request modification of the permit when necessary to comply with all applicable laws, rules, and ordinances which will affect the permittee’s water use.

16. The permittee shall prepare and submit a water shortage plan within 30 days of issuance of the permit to assist the Commission in fulfilling HAR §13-171-42(c). The permittee’s water shortage plan shall identify what the permittee is willing to do should the Commission declare a water shortage in the Waimanalo Ground Water Management Area.

17. The water use permit granted shall be an interim water use permit, as allowed under HAR §13-171-21. The final determination of the water use quantity shall be made within five years of the filing of the application to continue the existing use.

18. The water use permit shall be issued only after AG review.

ATTACHMENT B
The Honorable Keith W. Ahue, Chairperson
Commission on Water Resource Management
Department of Land and Natural Resources

Dear Mr. Ahue:

Thank you for the opportunity to respond to these applications for the following water use permits:

O'ahu:

Waipahu-USFW (2102-14)
Waimanalo-Sea Life Park (1939-01 & 02, 1940-02 & 11)
Kahana/Waiahole-Waiahole Ditch Tunnels (2853-01, 2953-01 & 02, 3053-01)

Without further explanation, the U. S. Fish & Wildlife application for brackish water habitat maintenance seems a desirable use. It is not understood, however, why a natural habitat requires artificial supplementation. Otherwise, apparently conflicting uses of the caprock aquifer (wastewater injection and wildlife habitat maintenance, for example) need to be reconciled according to knowledge of the aquifer's mechanics. Permits should be conditioned upon appropriate monitoring and potential future adjustment.

The applications to use four salt water wells at Sea Life Park indicate that each of three wells is to be pumped at 4.32 Mgd. This extraordinary amount (13 Mgd) would seem to have potential ramifications for altering the thin freshwater lens at this location. No explanation is given. The application cannot be adequately reviewed under the circumstances.
The Waiahole Ditch Tunnel applications provide the opportunity to review potential alternative claimants within the affected Windward hydrologic units. Notwithstanding long-time accustomed use, these instant permits should be conditioned for adjustment according to demonstrable needs within the hydrologic units of origin.

Warmest aloha,

Hoaliku L. Drake
Hawaiian Homes Commission
Mr. Keith Ahue, Chairperson
Commission on Water Resource Management
Department of Land and Natural Resources
State of Hawaii

Dear Mr. Ahue:

Subject: Your Letter of August 19, 1993 on the Applications for Water Use Permits for Waiahole Irrigation Co. Wells 2853-01, 2953-01, 2953-02 and 3053-01, Windward Oahu; Kahala Hilton Wells No. 1646-05, 06, Honolulu; Sea Life Park Hawaii Wells No. 1939-01, 02, Wells No. 1940-02, 11, Makapuu, Waimanalo, Oahu; U. S. Fish and Wildlife Well No. 2101-14, Pearl Harbor, Oahu; Native Hawaiian Advisory Council - Kunihiro Well No. 3407-02, Waialua, Oahu

Thank you for the opportunity to comment on these applications for water use permits which are primarily for existing uses. Although we have no objections to the issuance of water use permits for these wells, we have the following comments on two of the applications.

1. **Waiahole Irrigation Co.**

   With the announced closing of Oahu Sugar Company and the lack of need for the Waiahole Ditch water for sugar cane, we request that the State start immediately to take the necessary actions to preserve this high quality water for other uses.

2. **NHAC-Kunihiro Well No. 3407-02**

   The effects of the increased use of water from this well on the yield and water quality of the other nearby flowing wells should be considered.

Warm personal regards.

Sincerely,

[Signature]

FFF:js
cc: Jeremy Harris, Managing Director
MINUTES
FOR THE MEETING OF THE
COMMISSION ON WATER RESOURCE MANAGEMENT

DATE: September 1, 1993
TIME: 9:00 a.m.
PLACE: DLNR Board Room
Kalanikuku Building
Honolulu, Hawaii

ROLL CALL
Chairperson Ahue called the meeting of the Commission on Water Resource Management to order at 9:09 a.m.

The following were in attendance:

MEMBERS: Mr. Keith Ahue
Mr. Richard Cox
Mr. Robert Nakata
Mr. Guy Fujimura
Mr. J. Douglas Ing
Dr. John Lewin

STAFF: Ms. Rae Loui
Mr. Edwin Sakoda
Mr. Roy Hardy
Mr. David Higa
Ms. Lenore Nakama
Ms. Sharon Kokubun

COUNSEL: Mr. William Tam

OTHERS: Robert Chuck Steve Kaiser
Ross Kaneko David Martin
Edsel Yamada Sydney Keliipuleole
Dawn Ramsey Mrs. Holt

All written testimonies submitted at the meeting are filed in the Commission office and are available for review by interested parties.

ITEM 1 MINUTES OF THE AUGUST 4, 1993 MEETING

Mr. Martin presented testimony on Item 1 and 2 (see Commission file) asking that more comprehensive minutes be reinstated.

Unanimously approved (Cox/Nakata).

ITEM 2 MINUTES OF THE AUGUST 18, 1993 MEETING

Ms. Loui asked that Item 1, Paragraph 2, on Mr. Martin's testimony be amended as follows:

"...only the well construction permit for Item 4 was approved."

Unanimously approved as amended (Cox/Nakata).
ITEM 3  OLD BUSINESS/ANNOUNCEMENTS

None.

ITEM 4  APPROVAL OF PROCEDURE FOR EMERGENCY WORK FOR CHANNEL ALTERATION

Ms. Loui reviewed the procedures being submitted for approval, stating that the description of what qualifies for emergency work is taken from the administrative rules. These procedures would clarify the process of how the Commission is notified after the Chairperson’s approval.

Discussion followed on what types of work are considered "emergency" and what is not. In response to how it would be publicized, Ms. Loui stated it would be placed in the bulletin and newsletter, public service radio, and through the rule-making procedures. Mr. Ing suggested that a phone and fax number be included should people have questions.

Mr. Martin presented testimony that the proposal should be passed through the Stream Protection and Management Task Force prior to its presentation to the Commission for decision-making.

Unanimously approved (Lewin/Cox).

ITEM 5  LEMON W. HOLT APPLICATION FOR A WATER USE PERMIT. LW HOLT WELL (WELL NO. 3654-92). KOOLAUOLA GROUND WATER MANAGEMENT AREA, OAHU

Mr. Hardy clarified that all references to the aquifer system should be the Koolauloa Aquifer System.

Unanimously approved (Cox/Nakata).

ITEM 6  BISHOP ESTATE APPLICATIONS FOR A WATER USE & WELL CONSTRUCTION PERMIT. KAWAILOA WELL (WELL NO. 3505). WAILUA GROUND WATER MANAGEMENT AREA, OAHU

Mr. Ing was excused from hearing this item since his law firm represents Bishop Estate.

Mr. Cox asked if the well pump test protocol was finalized. Ms. Loui stated that the proposal for a workshop has not been completed by the consultant. However, the applicant’s consultant has been supplied with a draft proposal.

Mr. Sydney Keliipuleole, representing the applicant, stated that Bishop Estate is willing to take the risk that they may not be able to pump the well. In regards to the pump test protocol, they were concerned about the six month period to drill (Condition 6 of the Standard Well Construction Permit Conditions). After discussion, the following change was proposed to Condition 6:
Chairperson and Members
Commission on Water Resource Management

July 28, 1993

"The well construction permit may be revoked if work is not started within six months [of the date of issuance or if work is suspended or abandoned for six months] after the methodology and analysis of the test results are agreed upon. The work proposed in the well construction permit application shall be completed within two years from the date of permit [approval] issuance."

Unanimously approved as amended (Fujimura/Cox).

ITEM 7
GENTARO OТА, APPLICATION FOR A WATER USE PERMIT, OТА WELL (WELL NO. 3453-03), KAHANA GROUND WATER MANAGEMENT AREA, OAHU

Ms. Nakama summarized the submittal and asked that the following amendment be added:

"...6,000 gallons per day of fresh water for agricultural irrigation from the Ota Well ..."

She also requested that the special condition listed in Attachment B be omitted. Because this is an existing use, it is already covered by Condition 17.

Unanimously approved as amended (Fujimura/Cox).

ITEM 8
SEA LIFE PARK HAWAII APPLICATIONS FOR WATER USE PERMIT, WELLS 1, 2, 3, & A (WELL NOS. 1939-01 & 02, 1940-11 & 02), WAIMANALO GROUND WATER MANAGEMENT AREA, OAHU

Referring to testimony by Dave Martin on the September 3rd deadline for presenting written objections, Mr. Cox asked if the application could be approved subject to any objections coming in between September 1 and September 3. Mr. Tam preferred that the action on the permit be deferred since the time period for objections has not yet lapsed.

Motion was made to deny the permit without prejudice. Unanimously approved to defer action to the next meeting (Cox/Nakata).

ITEM 9
OTHER BUSINESS

1) Dr. Lewin will be meeting with the Water Code Review Commission to discuss water quality issues at 1:00 p.m.

2) The Commission will be meeting with the Water Code Review Commission on September 8, 1993.

3) Public hearing on September 8, 1993 on the draft rules for reservation for Hawaiian Home Lands.
Chairperson and Members  
Commission on Water Resource Management  
July 28, 1993

4) Next Commission meeting will be held at 1:30 p.m. on September 15, 1993, on Molokai with a public hearing on the draft rule for reservation for Hawaiian Home Lands at 6:00 p.m.

5) Motion was made to adjourn to Executive Session to confer with the Deputy Attorney General regarding the Supreme Court lawsuit, Koolau Agricultural Company vs. the Commission on Water Resource Management.

Unanimously approved (Fujimura/Nakata).

ADJOURNMENT  The meeting was adjourned at 10:37 a.m.

Respectfully submitted,

SHARON KOKUBUN  
Secretary

APPROVED AS SUBMITTED

RAE M. LOUI, Deputy Director
1993 September 15

TESTIMONY TO THE STATE OF HAWAII COMMISSION ON WATER RESOURCE MANAGEMENT

ITEM 3 Sea Life Park Wells 1939-01, 62, 1940-02, 11

Background

The submittal mistakenly states that "no specific objections were filed." In fact, NHAC filed specific written objections to the application on September 3, 1993 (copy attached), focusing on issues of permit consolidation, wastewater, and water licensing.

Analysis & Issues

The submittal again mistakenly states that "no specific objections to this application have been submitted to the Commission."

Recommendation:

No action should be taken until applicant and the Commission respond to the specific objections filed by NHAC.

The recommendation should also include permitting of Well A as a back-up source.

NHAC would like to see the Commission suggest to BLNR and Land Management Division that water licenses are required for the proposed type of water use, since such uses have quantifiable economic value that can be shared with the State.

Public Notice

The submittal mistakenly states that "Written comments and objections to the proposed permit were to be submitted to the Commission by September 2, 1993." The public notice requires that persons "Send written objections by September 3, 1993 ..."

Objections/Comments

This section of the submittal omits NHAC's specific objections sent to the Commission on September 3, 1993.
ITEM 5  Wahikuli Irrigation Well  5440-01

Well Location

The proposed well seems very close to an unlabelled intermittent stream. Is there any possible connection between streamflow and aquifer dynamics in this area?

Analysis:

In non-designated areas, pump installation permitting is the one of the few controls available to the Commission for preventing harm to the resource from occurring. Issuance of a pump installation permit prior to pump testing seems to be a dangerous precedent which limits the Commission's options for proactive water management.

Water Availability.

What is existing use from the Honokowai System?

RECOMMENDATION:

If the Commission decides to issue the pump installation permit prior to pump testing under the proposed conditions, condition 2. should be amended to require the matter to be brought back to the entire Commission for decisionmaking if the pump test results reveal any potential problems with the 200 gpm capacity pump that would suggest installation of a smaller pump to better protect the resource.

ITEM 6  Kalaeloa Wells  5405-10-12

Analysis:

The submittal fails to mention if construction of the new wells has been completed and to analyze any pump test results. It seems that in this case the water use permit should not be amended until these activities are completed.

If the three new wells are to "... take the place of the existing six wells for operational efficiency," will the old wells be abandoned or maintained for system back-up? If they are not going to be maintained, they should be deleted from the amended water use permit and abandoned in accordance with Water Code requirements.
ITEM 7 Hawaiian Research Dug Wells

Analysis & Issues

The submittal states that "... additional adverse impacts on other local wells, streams, and the Kamililoa aquifer system are not anticipated." Does this imply that identifiable adverse impacts already exist? If so, what are they? What baseline data exist to support the implication that six years of existing use leads to a conclusion that additional adverse impacts are not anticipated?

If "... data were only provided for the seven-month period from November 30, 1991 through June 30, 1992," does this mean that data were recorded for other periods but were not provided by the applicant? If so, these data should be obtained and incorporated in the analysis before recommendations for decisionmaking are submitted.

RECOMMENDATION

NHAC concurs with the recommendation to defer action until reservation of water for Hawaiian Home Lands is set by rule. We also suggest that action be further deferred until bulk allocation to the Maui Department of Water Supply is set by the Commission.

WATER USE PERMIT DETAILED INFORMATION

Nearby Surrounding Wells and Other Registered Ground Water Use

Identification, assessment, and evaluation of nearby surrounding streams, springs, seeps, pond and other registered surface water use should also be required at this level of review.

ITEM 8 Kawela Ground Water Management Area

1. David W. Curtis

The presence of six wells immediately downgradient of the applicant's source which may be affected and the present lack of objections to the application emphasizes the need for the Commission to provide direct notice of proposed actions in designated water management areas to those who have already declared or are otherwise known to have interests that may be affected. If the Commission can readily identify these six wells, it can certainly mail notice of the permit applications directly to their owners and operators.

3. Kawela Plantation

Owners and operators of other downgradient wells should be served direct notice of the permit application and objections filed to date.
4. John Wm. Iaea, Jr.

Owners and operators of the wells immediately downgradient of the applicant's source which may be affected should be served direct notice of the permit application and be afforded additional opportunity to file their objections.

ITEM 9 Kualapuu Water Management Area

NHAC would like the record to reflect DHHL's continuing and increasing reliance upon the principle that their right of first call will be effectuated with a sense of immediacy. In addition to constitutional and statutory language DHHL's reliance may also rest in large part upon statements of Deputy Attorney General Tam that reflect both recognition of the primacy of DHHL's water rights and the attendant potential State liability to other private parties who may be required to cut back should exercise of DHHL's first call adversely affect them.

ITEM 10 Manawainui Ground Water Management Area

Oral testimony may be presented.

ITEM 11 Ualapue Ground Water Management Area

Analysis & Issues

1 & 2. The ongoing establishment of existing uses in an aquifer system should not of itself be a deterrent to restoring currently unused water sources to their previous uses. What "more definite plan for use" does the Commission propose beyond the statement that agricultural irrigation will take place? Without the permit, the applicant is prevented from showing his ability to implement the proposed plan. Perhaps a better solution is to issue an interim permit pending resolution of other allocations issues and applicant's demonstration of his ability to actually use the requested allocation.

3. The submittal fails to mention the specific objections to this permit application filed by the NHAC. We understand that Maui DWS is currently preparing a response to our objections, and ask that the Commission defer action on this item until both the objections and response are available to the Commissioners.

ITEM 13 Department of Agriculture Waikolu Wells

Analysis & Issues

The submittal should also note that specific objections to the application were sent on time by NHAC (copy attached), further
supporting the staff's recommendation that public hearings be initiated prior to decisionmaking.

Mahalo,

David L. Martin, Water Claims Manager

Att.
1993 September 3

State of Hawaii Commission on Water Resource Management

OBJECTIONS TO AND COMMENTS ON WATER USE PERMIT APPLICATIONS
(Public notice of July 27, 1993/Comments due September 3, 1993)

GENERAL OBJECTIONS

We reiterate our general objections to current COWRM water use permit application processing and decisionmaking practices as previously submitted on numerous occasions (10/12/92, 10/21/92, 12/1/92, 6/22/93, & 7/8/93).

SPECIFIC OBJECTIONS

NHAC represents water source registrants, water use declarants, water use permit applicants, and others with property interest in land within the hydrologic units of the sources of water supply who would be directly and immediately affected by the proposed water uses.

1. Waiahole Irrigation Co, Ltd. 2853-01, 2953-01, 02, 3053-01, 3154-6

14. POTENTIAL RESTRICTIONS ON WATER USE

The fact that these water uses are "... of long standing diversion and use" is irrelevant to the question of water use permitting under designation and to questions of potential restrictions on water use. We have been repeatedly told by the Attorney General that water management area designation creates a "clean slate." As such, from the moment of designation we cannot consider any existing water use to be reasonable and beneficial or in the public interest until such determinations are formally made by the Water Commission.

(a) Sustainable yield

Using the "clean slate" concept, it cannot be stated that "There should be no additional impact of this water use permit on the sustainable yield ..." The existing use impacts the sustainable yield of both windward and leeward aquifers. While the hydrogeological boundary conditions of water management area may have
been somewhat established and defined by the diversion of water from these tunnels, this does not preclude diversion operations and boundary conditions from being changed to better serve the public interest.

(b) Instream Flow Standards

Using the "clean slate" concept, it cannot be stated that "There should be no additional impact of this water use permit on the Instream flow standards..." The existing use impacts the flow of both windward and leeward streams. While these diversions and uses may have been considered upon establishment of instream flow standards for the area, this does not preclude diversion operations from being changed to restore streamflows.

(c) Hawaiian Home Lands uses

Because reservations of water to Hawaiian Home Lands from windward aquifers are still pending, the proposed water uses could affect Hawaiian Home Lands use. Permitted use should be restricted to avoid any such effects.

Hawaiian Home Lands also has existing, projected, and potential water needs in leeward O‘ahu which could be serviced by the same sources as those supplying applicant's proposed uses. Permitted use should be restricted to avoid any effects upon Hawaiian Home Lands' ability to access these sources as needed.

(d) Other existing legal uses

The sources of applicant's water uses also supply uses of windward stream water which are protected by the appurtenant and riparian rights of windward lands and by the constitutional rights of Native Hawaiians. Applicant's water uses already affect these existing legal uses. Permitted use should be restricted to end these existing effects and to avoid any such future effects.

(e) Other:

Applicant's water uses are part of a larger system which also uses water sources and transmission facilities on State Lands. When applicant's water licenses for use of these sources and facilities expire, its uses of water under the subject permit applications should be re-examined. Thus any permits issued under these applications should be of limited duration, corresponding to the expiration of affiliated State water licenses.

15. REMARKS, EXPLANATIONS

Applicant's Concluding remarks:

Applicant's statement that "Continued use of this high level water is vital to the economic continuance of Oahu Sugar Company--" must be reevaluated in light of the company's recent announcement of the
closing of its sugarcane operations. Any water use permit issued under these applications must specify that the permit will expire when plantation operations close.

While the continued diversion of this water may be "... essential to the continued beneficial use ... in Central and Leeward Oahu," the necessity of its use for "... potential development in Central and Leeward Oahu" does not appear to be the subject of these applications for existing water uses, and any such arguments in favor of these applications must be rejected. Any changes in use under water use permits (such as from agricultural use to other "potential development") requires issuance of new water use permits covering the new uses.

2. Kahala Hilton Wells 1646-05 & 06

8. QUANTITY OF WATER REQUESTED

Since one of the wells is for stand-by use only, it seems appropriate that these two applications be covered by a single water use permit for 2.88 mgd.

15.(d) Other existing legal uses affected

Because of their proximity to the shoreline, the operation of these wells may interrupt and otherwise disturb submarine discharges of brackish water which nourish shoreline ecosystems. Any such interruption and disruption affects the receiving waters' use of the source and Native Hawaiian use of the source, receiving waters, and affiliated ecosystems. Permitted use should be restricted to avoid any such effects.

3. Sea Life Park Wells 1939-01 & 02, 1940-02 & 11

1.(b) LANDOWNER

Ownership of the Sea Life Park site remains questionable. If the site is indeed privately owned or part of the Hawaiian Home Lands trust, the applications are invalid until signed by the rightful landowner.

8. QUANTITY OF WATER REQUESTED

Because Well 1940-02 is "regulated to standby basis," it seems appropriate that its use be attached to each of the other three permit applications for 4.32 mgd, rather than being the subject of a separate allocation and permit.

15.(c) Hawaiian Home Land Uses affected

Total extraction from these wells is almost 13 mgd. This implies a correlative wastewater discharge of close to the same amount. It
is this wastewater discharge which may affect water sources and water uses on adjacent Hawaiian Home Lands and in affiliated nearshore ecosystems. Permitted use should be restricted to avoid any such effects, particularly ecosystem effects which limit the availability of resources critical to traditional and customary Native Hawaiian practices.

15.(3) Other:

Other restrictions on use include the need for applicant to obtain water licenses from the Board of Land and Natural Resources. The use of 13 mgd of State seawater has great economic benefit to Sea Life Park, and it must pay the State for the privilege of extracting this economically-valued resource.

4. Honouliuli Unit Well 2101-14

1.(b) LANDOWNER

Land ownership in the West Loch area is disputed.

15.(d) Other existing legal uses affected

Operation of the well may affect the ability of Native Hawaiians to use the area for traditional and customary purposes. Permitted use should be restricted to avoid any such effects.

Mahalo

David L. Martin, Water Claims Manager

pc: Waiahole Irrigation Co., Ltd.
Kahala Hilton
Sea Life Park Hawaii
U.S. Fish & Wildlife Service
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, Sea Life Park Hawaii
Well Nos. 1939-01 & 02 and 1940-02 &11
Makapu’u, Waimanalo, Ko‘olaupoko, O‘ahu
TMK 4-1-14:013

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

EJ:jt
State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
Honolulu, Hawaii

September 1, 1993

Chairperson and Members
Commission on Water Resource Management
State of Hawaii
Honolulu, Hawaii

Gentlemen:

Sea Life Park Hawaii
Applications for Water Use Permit
Wells 1, 2, 3, & A (Well Nos. 1939-01 & 02, 1940-11 & 02)
Waimanalo Ground Water Management Area, Oahu

Applicant: Sea Life Park Hawaii
Landowner: State Of Hawaii

Background

The applicant submitted completed water use permit applications for Wells 1, 2, & 3 (Well Nos. 1939-01, 02, & 1940-11) and Well A (Well No. 1940-02) to the Commission on May 18, 1993 and June 9, 1993, respectively. Specific information regarding the sources, use, notification, objections, and field investigation(s) are described in Attachment A and the attached exhibits.

Analysis & Issues

Three of these four existing sources, Wells 1, 2, & 3 (Well Nos. 1939-01 & 02 and 1940-11), withdraw salt water underlying the Waimanalo Aquifer System for use by Sea Life Park's Oceanarium. Through verbal agreement with The Oceanic Institute, a portion of the water from Well 3 (Well No. 1940-11) is reserved for augmentation of the institute's aquacultural salt water supply. The fourth well, Well A, is a standby salt-water well that has not been used for at least 15 years.

The active wells are located at the shoreline near Makapuu Point at elevations of less than 5 ft. with respect to mean sea level. Because the sources tap sea water at depth, the sustainable yield of the Waimanalo Aquifer System will not be affected, and no impacts on either surface- or ground-water systems are anticipated. There are no wells downgradient, and impact on nearby existing wells should not be any different than it has been over the past 30 years. No specific objections to this application have been submitted to the Commission.

To date, reports of actual monthly water usage have not been pursued by staff because of the non-competitive nature of the salt water withdrawals and its negligible impact on the Waimanalo Aquifer System. However, a standard condition of a water use permit for this existing amount is that the applicant submit monthly water use reports. The applicant's request is for continued use of 4.32 million gallons per day (mgd) of salt water from each of the three active wells; however, based on recent verbal communication and field investigation with the applicant, actual use from Wells 1 & 2 combined and from Well 3 has been consistent at 7.632 mgd and 4.608 mgd, respectively.
Currently, there are four (4) other pending applications for water use permits for the Waimanalo Aquifer System. All four applications have been submitted by the Royal Hawaiian Country Club requesting a total of 0.225 mgd of non-potable water for golf course irrigation. In addition to these pending allocations, the Department of Hawaiian Home Lands has requested reservation of 0.53 mgd of potable water for future developments of Hawaiian Home Lands in Waimanalo. A public hearing is scheduled for September 8, 1993 to address DHHL’s reservation concerns. Also, none of these pending allocations are anticipated to compete, or otherwise conflict, with the applicant’s requested quantity of salt water.

There has been concern expressed over water licensing as it relates to withdrawal of ground water from sources located on State lands. According to discussion with Land Management staff, water licenses have not previously been issued for salt water wells so near to the ocean. Therefore, although all four existing sources are located on State lands, water licenses for these salt water wells do not exist.

RECOMMENDATION

That the Commission approve the issuance of an interim water use permit to Sea Life Park Hawaii to use 7,632,000 gallons per day of salt water for use from Wells 1 and 2 (Well Nos. 1939-01 & 02), and 4,608,000 gallons per day from Well 3 (Well No. 1940-11) for the reasonable and beneficial use of a commercial ocean park, subject to the standard water use permit conditions listed in Attachment B and the following special condition:

1. The applicant must seek determination from the BLNR and the Land Management Division as to whether or not a water license is required for withdrawal of the water in this particular case. If the result is that a water license is required, then the water license must be obtained before the permit is issued or delivered. If the result is that a water license is not required under the lease and under the statutes, then the water use permit will be issued without further action by the Commission.

Respectfully submitted,

RAE M. LOUI
Deputy Director

APPROVED FOR SUBMITTAL:

KEITH W. AHUE, Chairperson
WATER USE PERMIT DETAILED INFORMATION

Source Information

AQUIFER: Waimanalo System, Windward Sector, Oahu
Sustainable Yield: 8 mgd
Existing Water Use Permits: 1.872 mgd
Available Allocation: 6.128 mgd
Total of other pending allocations: 0.225 mgd

WELL: Well 1 (Well No. 1939-01)
Location: Makapuu Pt., Waimanalo, Oahu, TMK:4-1-14:13
Year Drilled: 1963
Casing Diameter: 18 in.
Elevations (msl = 0 ft.)
Water Level: NA ft.
Ground: 2 ft.
Bottom of Solid Casing: -23 ft.
Bottom of Perforated: NA ft.
Bottom of Open Hole: -24 ft.
Total Depth: 26 ft.
Grouted Annulus Depth: NA ft.

WELL: Well 2 (Well No. 1939-02)
Location: Makapuu Pt., Waimanalo, Oahu, TMK:4-1-14:13
Year Drilled: 1963
Casing Diameter: 18 in.
Elevations (msl = 0 ft.)
Water Level: NA ft.
Ground: 2 ft.
Bottom of Solid Casing: -22 ft.
Bottom of Perforated: NA ft.
Bottom of Open Hole: -23 ft.
Total Depth: 25 ft.
Grouted Annulus Depth: NA ft.

WELL: Well 3 (Well No. 1940-11)
Location: Makapuu Pt., Waimanalo, Oahu, TMK:4-1-14:13
Year Drilled: NA
Casing Diameter: 20 in.
Elevations (msl = 0 ft.)
Water Level: NA ft.
Ground: 3 ft.
Bottom of Solid Casing: -17 ft.
Bottom of Perforated: NA ft.
Bottom of Open Hole: -27 ft.
Total Depth: 30 ft.

ATTACHMENT A
Chairperson and Members  
Commission on Water Resource Management  

Grouted Annulus Depth: NA ft.

WELL:  
Well A (Well No. 1940-02)  
Location: Makapuu Pt., Waimanalo, Oahu, TMK:4-1-14:5  
Year Drilled: 1963  
Casing Diameter: 18 in.

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</table>

Total Depth: 105 ft.

Grouted Annulus Depth: NA ft.

**Use Information**

Well 1 (Well No. 1939-01)  
Quantity Requested: 4,320,000 gallons per day.

Well 2 (Well No. 1939-02)  
Quantity Requested: 4,320,000 gallons per day.

Well 3 (Well No. 1940-11)  
Quantity Requested: 4,320,000 gallons per day.

Well A (Well No. 1940-02)  
Quantity Requested: 0 gallons per day.

Total Requested: 12,960,000 gallons per day.

**ATTACHMENT A**
Chairperson and Members
Commission on Water Resource Management

September 1, 1993

Existing Type of Water Use: Supply salt water to Sea Life
Park Oceanarium.

Place of Water Use: Makapuu Point at TMK: 4-1-14:13

Total Reported Water Usage: 12,240,000 gpd
Nearby Similar Water Usage: NA gpd
Waimanalo Aquifer System
Current 12-Month Moving Average Withdrawal: NA gpd
(NA% of SY)

Nearby Surrounding Wells and Other Registered Ground Water Use

There are thirteen (13) other wells within a mile of the well (see Exhibit 1). At present,
water is being withdrawn at only one of these wells. Information from the registration
program indicates there are possibly twenty-six (26) existing wells in the Waimanalo Aquifer
System. Several of these wells have been initially field checked but many of the declarants,
including the larger users, have not been completely field verified. Several are not in use
or are rights claims. However, the Oahu Water Use and Development Plan estimated that
the existing withdrawals from the Waimanalo Aquifer System is 0.9 mgd as of 1990.

Public Notice

In accordance with HAR §13-171-17, a public notice was published in the Star-Bulletin on August 12, 1993 and August 19, 1993 and copies of the notice were sent to the Mayor’s office and the Board of Water Supply. Additional notice copies were sent to the County Council and Department of Water Supply. Copies of the completed application were sent to the Department of Health, Department of Hawaiian Home Lands, Office of Hawaiian Affairs, Aquatic Resources, Historic Preservation, and other divisions of the Department of Land and Natural Resources, and other interested parties for comments. Written comments and objections to the proposed permit were to be submitted to the Commission by September 2, 1993.

Objections/Comments

The public notice specifies that an objector meet the following requirements: (1) state
property or other interest in the matter; (2) set forth questions of procedure, fact, law, or
policy, to which objections are taken; (3) state all grounds for objections to the proposed
permits, (4) provide a copy of the objection letter(s) to the applicant, and (5) submit
objections meeting the previous requirements to the Commission by September 2, 1993.

To the best of staff’s knowledge there are no objectors who have property interest
within the Waimanalo Aquifer System or who will be directly and immediately affected by
the proposed water use. All objections and/or comments to the application are summarized
as follows:

<table>
<thead>
<tr>
<th>Objector/Commentor</th>
<th>Objection/Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>NHAC</td>
<td>General process of water use permit</td>
</tr>
</tbody>
</table>

ATTACHMENT A
applications. No specific objections to this application.

Briefs in Support

Responses to objections, or briefs in support, regarding the application are required to be filed with the Commission ten (10) days after an objection is filed and, presumably, copies are served to the applicant. No briefs in support were filed with the Commission.

Field Investigation

The water source and existing use were investigated on July 12, 1990 and August 23, 1993. The investigation(s) verified the applicants request for water use permit.
STANDARD WATER USE PERMIT CONDITIONS

1. The ground water described in the water use permit may only be taken from the location described, used for the reasonable-beneficial use described, and at the location described above and in the attachments. Reasonable-beneficial use means "the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is not wasteful and is both reasonable and consistent with the state and county land use plans and the public interest." (HAR §13-171-2).

2. The right to use ground water is a shared use right.

3. The water use must at all times meet the requirements set forth in HAR §13-171-13 which means that it:
   a. Can be accommodated with the available water source;
   b. Is a reasonable-beneficial use as defined in section §13-171-2;
   c. Will not interfere with any existing legal use of water;
   d. Is consistent with the public interest;
   e. Is consistent with state and county general plans and land use designations;
   f. Is consistent with county land use plans and policies; and
   g. Will not interfere with the rights of the Department of Hawaiian Home Lands as provided in section 221 of the Hawaiian Homes Commission Act.

4. The ground water must not interfere with surface or ground water rights or reservations.

5. The ground water use must not interfere with interim or permanent instream flow standards. If it does, then:
   a. A separate water use permit for surface water must be obtained in the case an area is also designated as a surface water management area;
   b. The interim or permanent instream flow standard, as applicable, must be amended.

6. The water use permit is subject to the requirements of the Hawaiian Homes Commission Act, as amended, if applicable.

7. The water use permit application and staff submittal approved by the Commission at its September 1, 1993 meeting are incorporated into the permit by reference.

8. Any modification of the permit terms, conditions, or uses can only be made with the express written consent of the Commission on Water Resource Management.

9. The water use permit may be modified by the Commission and the amount of water initially granted to the permittee may be reduced if the Commission determines it is necessary to:
   a. Protect water sources in quantity, quality, or both;
   b. Meet other legal obligations including other correlative rights;
   c. Insure adequate conservation measures;
   d. Require efficiency of water uses;
   e. Reserve water for future uses, provided that all legal existing uses of water as of June 1987, shall be protected;

ATTACHMENT B
f. Meet legal obligations to the Department of Hawaiian Homes, if applicable; or
g. Carry out such other necessary and proper exercise of the State's and the
  Commissions's police powers under law as may be required.

Prior to any reduction, the Commission shall give notice of its proposed action to the
permittee and provide the permittee an opportunity to be heard.

10. If the ground water source is not existing, the development of the new well shall be
  completed, i.e. able to withdraw water for the proposed use on a regular basis, within
  twenty-four (24) months from the date the water use permit is approved.

11. An approved flowmeter(s) must be installed to measure withdrawals and a monthly record
    of withdrawals, water-levels, salinity, and temperature must be kept and reported to the
    Commission on a monthly basis in accordance the Commission's September 16, 1992 action
    on reporting requirements;

12. The water use permit shall be subject to the Commission's periodic review of the applicable
    aquifer's sustainable yield. The amount of ground water use authorized by the permit may
    be reduced by the Commission if the sustainable yield of the Waimanalo Aquifer System, or
    relevant modified aquifer, is reduced;

13. The water use permit may not be transferred or the use rights granted by this permit sold or
    in any other way alienated. Pursuant to HAR §13-171-2S and the requirements of Chapter
    174C, the Commission has the authority to allow the transfer of the permit and the use rights
    granted by the permit in a manner consistent with HAR §13-171-2S. Any such transfer shall
    only occur with the Commission's prior express written approval. Any sale, assignment,
    lease, alienation, or other transfer of any interest in this permit shall be void.

14. The use(s) authorized by law and by the water use permit do not constitute ownership rights.

15. The permittee shall request modification of the permit when necessary to comply with all
    applicable laws, rules, and ordinances which will affect the permittee's water use.

16. The permittee shall prepare and submit a water shortage plan within 30 days of issuance of
    the permit to assist the Commission in fulfilling HAR §13-171-42(c). The permittee's water
    shortage plan shall identify what the permittee is willing to do should the Commission declare
    a water shortage in the Waimanalo Ground Water Management Area.

17. The water use permit granted shall be an interim water use permit, as allowed under HAR
    §13-171-21. The final determination of the water use quantity shall be made within five
    years of the filing of the application to continue the existing use.

18. The water use permit shall be issued only after AG review.

ATTACHMENT B
1993 September 1

TESTIMONY TO THE STATE OF HAWAII COMMISSION ON WATER RESOURCE MANAGEMENT

ITEM 1. Minutes of August 4, 1993
ITEM 2. Minutes of August 18, 1993

Because the general public is extremely concerned about the deliberations and decisions of the Commission, and the Commission has demonstrated sensibility to those concerns, public access to Commission records of these deliberations and decisions should be as comprehensive and efficient as possible while minimizing burdens on Commission staff.

Under the current system, one might have to access minutes, staff submittals, and audio tapes in order to understand the basic content of all proposed actions, staff recommendations, testimony, deliberations, and decisionmaking presented at a meeting.

This present system is overly burdensome on all parties. Previously the Commission minutes contained comprehensive and concise summaries of proposed actions, vocal and written testimony, and other relevant questions and comments. This previous system made it much easier for members of the public to access the needed information in one step, and should be reinstated as Commission practice.

Specifically, with regard to the minutes of August 4, 1993:

Since Mrs. Grambusch did not submit written testimony on ITEMS 4 & 6, the minutes should summarize her remarks on these topics as they do for ITEM 7.

ITEM 4 Procedure for Emergency Work for Channel Alteration

This proposal should be passed through the Stream Protection and Management Task Force (SPAM) prior to its presentation to the Commission for decisionmaking. Specific concerns relating to determination of necessity, monitoring of extent of remedial work in progress, and other potential matters should be discussed, along with the possibility of using neighbor island DLNR personnel from other divisions to more quickly respond to field matters.
ITEM 6  Kawailoa Well

Analysis & Issues

The submittal incorrectly states that "No other specific objections to this applications have been submitted to the Commission." NHAC submitted specific objections to the Commission and to the applicant within the specified deadline and received no subsequent response to these objections (copy attached).

RECOMMENDATION

NHAC supports the staff recommendation with the additional recommendation that a condition be added to the well construction permit requiring Bishop Estate to seek USGS cooperation in integrating pump tests with the USGS Waialua aquifer testing program.

ITEM 8

Background

A Public Notice dated July 27, 1993 (copy attached) sets a September 3, 1993 deadline for filing written objections to and comments on these applications.

Since this deadline and subsequent deadlines for presenting responses to objections and briefs in support occur after September 1 (today), the Commission cannot take action on these permit applications today.

Analysis & Issues

NHAC believes that a strict interpretation of the statutes leads to a conclusion that water licenses are required for the extraction of seawater overlying and underlying State lands.

Mahalo,

David L. Martin, Water Claims Manager

atts.: NHAC letter of July 29 - Specific objections to water use permit application
       Public Notice of July 27, 1993
I assume there are for the WRCs that went to Pub: No.
8/13 8/13 8/27/97
8/12 8/19 9/02/93
copies for files.
1993 August 30

State of Hawaii Commission on Water Resource Management

OBJECTIONS TO AND COMMENTS ON WATER USE PERMIT APPLICATIONS
(Public notice of July 27, 1993/Comments due August 30, 1993)

GENERAL OBJECTIONS

We reiterate our general objections to current COWRM water use permit application processing and decisionmaking practices as previously submitted on numerous occasions [10/12/92, 10/21/92, 12/1/92, 6/22/93, & 7/8/93].

We also have specific comments on and objections to several of the applications listed in this notice, particularly those of Maui Department of Water Supply, State Department of Agriculture, Laie Water Co., Inc., and Campbell Estate. In each case NHAC represents water source registrants, water use declarants, water use permit applicants, and others with property interest in land within the hydrologic unit of the source of water supply who would be directly and immediately affected by the proposed water use.

Because of the complexity, importance, and late arrival of some of these applications to our office, we are requesting an extended review period (as provided on your memorandum) to September 3, 1993, when we will submit all objections and comments for both this set of applications and those whose objections due date is September 3.

Thank you for your consideration of this request.

David L. Martin
David L. Martin, Water Claims Manager
NATIVE HAWAIIAN ADVISORY COUNCIL
A Nonprofit Corporation

FAX TRANSMITTAL

DATE: 8/30/93
TO: COWRM

FAX NO.: 587-0219
FROM: Elizabeth Martin
David L. Martin
David C. Penn
Eric Yamamoto
Tina

PHONE: __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ ____
1993 August 30

State of Hawaii Commission on Water Resource Management

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(Public notice of July 27, 1993/Comments due August 30, 1993)

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Because of the complexity, importance, and late arrival of some of these applications to our office, we are requesting an extended review period (as provided on your memorandum) to September 3, 1993, when we will submit all objections and comments for both this set of applications and those whose objections due date is September 3.

Thank you for your consideration of this request.

David L. Martin, Water Claims Manager
REGULATION BRANCH
Commission on Water Resource Management

FROM:  Neal
DATE:  0/24/93
FILE IN:  Sealife Park Water Use

TO:  INIT:  

<table>
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<tr>
<th>TO</th>
<th>INIT:</th>
<th>PLEASE:</th>
<th>REMARKS:</th>
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<td>E. Sakoda</td>
<td></td>
<td>See Me</td>
<td>I spoke to Steve Kaiser of Sealife Park. He informed me that the 3 wells (Pumps 1, 2, 43) ran continuously (24 hrs/day 365 days/y)</td>
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<tr>
<td>K. Oshiro</td>
<td></td>
<td>Call</td>
<td></td>
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<tr>
<td>D. Higa</td>
<td></td>
<td>Review &amp; Comment</td>
<td></td>
</tr>
<tr>
<td>R. Hardy</td>
<td></td>
<td>Take Action</td>
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<tr>
<td>J. Zhang</td>
<td></td>
<td>Investigate &amp; Report</td>
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<tr>
<td>Lenore</td>
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<td>Draft Reply</td>
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<td>Acknowledge Receipt</td>
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FOR YOUR:

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<tbody>
<tr>
<td>R. Loui</td>
</tr>
<tr>
<td>S. Kokubun</td>
</tr>
<tr>
<td>G. Matsumoto</td>
</tr>
</tbody>
</table>

COMBINATION OF RMP 142
5,300 gpm = 7.032 m/d
Pumps run continuously

Pump 142 combined = 5,300 gpm = 7.032 m/d
Pump 3
Well A = 0

(Raw text continues with additional notes and calculations.)
FIELD INSPECTION INFORMATION CHECKLIST (Ver 4/3/91)

PART I: USE OF WATER

1. Tax Map Key where the water is used: ___________. Does the declarant own this land? NO. If not, who does? STATE OF HAWAII

2. What is the water used for? NOT IN USE
   If for irrigation, how many acres are being irrigated by crop type?
   If for livestock, how many and what kind?
   If for drinking, at how many houses? _______ by how many people?

3. Is the quantity of water use being measured? 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?
   What is the capacity for taking (gpm)?
   How often is it taken (used)?

PART II: WATER SOURCE

1. Where does the water come from / what kind of source is this? NOT IN USE

   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)
   4) Instream (i.e., 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?
   What is the capacity for taking (gpm)?
   How often is it taken (used)?

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

4. Does anyone else also use water from this source? If yes, is their use included in this user’s declaration? Who are the other users? Did they file?

VERIFIED BY: RICHARD JINNA
DATE: 01/23/93
FIELD INSPECTION INFORMATION CHECKLIST (Ver 4/3/91)

PART I: USE OF WATER
Declarant’s File Reference: 

1. Tax Map Key where the water is used: 
   
   Does the declarant own this land? _______ If not, who does? _______ 
   
   If for irrigation, how many acres are being irrigated by crop type? _______ 
   
   If for livestock, how many and what kind? _______ 
   
   If for drinking, at how many houses? _______ by how many people? _______ 

2. What is the water used for? 
   
   If for livestock, how many and what kind? _______ 
   
   If for drinking, at how many houses? _______ 

3. Is the quantity of water use being measured? _______ 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? _______ 
   
   What is the capacity for taking (gpm)? _______ 
   
   How often is it taken (used)? _______ 

PART II: WATER SOURCE
Source #: 
Name: 

1. Where does the water come from / what kind of source is this? 
   
   Types of sources include: 
   1) Wells (frilled) 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) 
   4) Instream (i.e., crops planted along water edge) 
   
   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? _______ 
   
   What is the capacity for taking (gpm)? _______ 
   
   How often is it taken (used)? _______ 

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

4. Does anyone else also use water from this source? _______ If yes, is their use included in this user’s declaration? _______ Who are the other users? _______ Did they file? _______ 

NOTE: SEE LIFE POLLS SHARES PUNPAGE WITH OCEANIC INSTITUTE, AGGREGATE 2500 GPM RESERVE FOR SEA LIFE PARK. 

VERIFIED BY: 

RICHARD JIMNAI 

DATE: 8/23/93
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 Applications
   Waimanalo Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit applications for Sea Life Park Hawaii for Well Nos. 1939-01 & 02 and 1940-02 & 11. Public notice of this application will be published in the Honolulu Star Bulletin issues of August 12, 1993 and August 19, 1993.

We would appreciate your review of the attached applications and please return this form by September 3, 1993.

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

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

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

Signed: [Signature] Date: 9/16/93

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

MEMORANDUM

AUG 13 1993

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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We would appreciate your review of the attached applications and please return this form by September 3, 1993.

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

LN:ko
Attachment(s)

Response: Contact person: John Dobler  Phone: 808-378-4320

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

Signed: John Dobler  Date: 9/10/93
Oahu District Land Management Office has no objections provided that:

1. The activity does not conflict with the terms and conditions of General Lease No. S-3709.

2. The required Federal, State and County permits prior to initiating the proposed work.

Should you have any questions, please call John Dooling at 7-0433.
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 Applications  
Waimanalo Ground Water Management Area, Oahu  

Transmitted for your review and comment are copies of water use permit applications for Sea Life Park Hawaii for Well Nos. 1939-01 & 02 and 1940-02 & 11. Public notice of these applications will be published in the Honolulu Star Bulletin issues of August 12, 1993 and August 19, 1993.

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

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

Response: Contact person: Herbert H. Minakami

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

Signed: KAZU HAYASHIDA
Manager and Chief Engineer

Date: 7/1/93

Phone: [redacted]
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 Applications
Waimanalo Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit applications for Sea Life Park Hawaii for Well Nos. 1939-01 & 02 and 1940-02 & 11. Public notice of this application will be published in the Honolulu Star Bulletin issues of August 12, 1993 and August 19, 1993.

We would appreciate your review of the attached applications and please return this form by September 3, 1993.

If you have any questions regarding these applications, please contact Roy Hardy at [Phone] or Lenore Nakama at [Phone].

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: [Signature] Date: 8/23/93
MEMORANDUM

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

FROM: Henry Sakuda, Administrator
Division of Aquatic Resources

SUBJECT: Comments on water use permit applications for Sea Life Park Hawaii for Well Nos. 1939-01, 1939-02, 1940-02, and 1940-11 in the Waimanalo Ground Water Management Area, Oahu

The applications are for existing wells in Makapuu near Sea Life Park. Approximately 8,960,000 gallons of basal salt water per day are pumped to supply the Oceanarium. One of the pumps is reserved for standby use. There are no stream or other surface waters in the area. Use of this water source will have no negative environmental effects on inshore marine waters and will have positive value in helping to increase public understanding of marine biological resources. We support these applications.
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 Applications
          Waimanalo Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit applications for Sea Life Park Hawaii for Well Nos. 1939-01 & 02 and 1940-02 & 11. Public notice of this application will be published in the Honolulu Star Bulletin Issues of August 12, 1993 and August 19, 1993.

We would appreciate your review of the attached applications and please return this form by September 3, 1993.

If you have any questions regarding these applications, 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: 8/25/93

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 Applications
          Waimanalo Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit applications for Sea Life Park Hawaii for Well Nos. 1939-01 & 02 and 1940-02 & 11. Public notice of this application will be published in the Honolulu Star Bulletin issues of August 12, 1993 and August 19, 1993.

We would appreciate your review of the attached applications and please return this form by September 3, 1993.

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

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: 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 Applications
    Waimanalo Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit applications for Sea Life Park Hawaii for Well Nos. 1939-01 & 02 and 1940-02 & 11.

Public notice of this application will be published in the Honolulu Star Bulletin issues of August 12, 1993 and August 19, 1993.

We would appreciate your review of the attached applications and please return this form by September 3, 1993.

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

Attachment(s)

Response: Contact person: Gordon Akita

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

Signed: MANABU TAGOMORI
Date: [redacted]
MEMORANDUM

AUG 13 1993

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 Applications
Waimanalo Ground Water Management Area, Oahu

Transmitted for your review and comment is a copy of a water use permit applications for Sea Life Park Hawaii for Well Nos. 1939-01 & 02 and 1940-02 & 11. Public notice of this application will be published in the Honolulu Star Bulletin issues of August 12, 1993 and August 19, 1993.

We would appreciate your review of the attached applications and please return this form by September 3, 1993.

If you have any questions regarding these applications, 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:
APPLICATION FOR WATER USE PERMIT

1. (a) APPLICANT
   Firm/Name: Sea Life Park Hawaii
   Contact Person: Robert L. Moore
   Address: 

   (b) LANDOWNER
   Firm/Name: STATE OF HAWAII
   Contact Person: MACDAN YOYAGI
   Address: 

2. WATER ADDRESS MAY BE: Makawai, Waimanalo, Kualupoko

3. (a) EXISTING SOURCE NAME AND STATE NUMBER: 1939-01 Well No. 1
   (b) PROPOSED (NEW) SOURCE NAME: N/A

4. SOURCE LOCATION: Address Makawai, Waimanalo, Kualupoko
   Tax Map Key 4-1-14:13
   (Attach a USGS map, scale 1"x1000", and a property tax map showing source location referenced to established property boundaries)

5. SOURCE TYPE (check one): Stream | BodAM | Dike-confined | Perched | Caprock

6. METHOD OF TAKING WATER (check one): Aesthetic Flow | Well & Pump | Diverted Surface Flow | Other (explain)

7. LOCATION OF PROPOSED WATER USE: If possible, show on same map as source location. Otherwise, attach similar map
   (a) Address N/A MAKAIPO POINT
   (b) Land Use District (check one): Urban | Agriculture | Conservation | Rural
   (c) County Zoning (describe) T-1

8. QUANTITY OF WATER REQUESTED: 3,000 GPM

9. METHOD OF MEASUREMENT: Ch Flowmeter | Open-pipe | Well | Office | Other (explain)

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

11. PROPOSED USE: None
   (a) Municipal (including hotels, stores, etc.) | Domestic (individual, noncommercial, etc.)
   (b) Industrial | Military
   (c) Other (explain)

12. NUMBER AND TYPE OF UNITS TO BE SERVED (explain): N/A

13. TOTAL ACRES PROPOSED FOR IRRIGATION AND TYPE OF CROP: N/A (acres) (crop)

14. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION: 24 hour operation

15. APPLICANT MUST BRIEFLY DESCRIBE FOLLOWING POTENTIAL RESTRICTIONS ON USE:
   (a) Impact on Sustainable yield (?): None
   (b) Permanent or Interim Instream Flow Standards affected (?): None
   (c) Hawaiian Home Land uses affected (?): None
   (d) Other existing legal uses affected (?): None
   (e) Other:

16. REMARKS, EXPLANATIONS:

   (If more space is needed, continue on back side)

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 to enter existing permitted uses, changes in sustainable yields, and custom flow standards, reserved uses as defined by the Commission, and Hawaiian Home Land uses. In addition, applicant understands that, upon permit approval, a water shortage plan must be submitted should the Commission require one.

Applicant (print) Robert L. Moore
Signature Date 7/12/93

Landowner (print)
Signature Date 5/12/93

For Official Use Only:
Division Works No.
Hydrologic Unit No.
Date Received
Date Amended
State Well No.
APPPLICANT

1. (a) APPLICANT
   - Firm/Name: Sea Life Park Hawaii
   - Contact Person: Robert L. Moore

(b) LANDOWNER
   - Firm/Name: State of Hawaii
   - Contact Person: MASON YOUNG

2. WATER NAME OR KILOMETRIC Ref.: Hakapuu, Waimanalo, Koolauapo

3. (a) EXISTING SOURCE NAME AND STATE NUMBER:
   
   - N/A

(b) PROPOSED (NEW) SOURCE NAME:
   - N/A

4. SOURCE LOCATION:
   - Address: Hakapuu, Waimanalo, Koolauapo
   - Tax Map Key: 4-1-1413

5. SOURCE TYPE (check one):
   - Stream
   - Subterranean
   - Dike-confined
   - Artesian Flow
   - Water & Pump
   - Diverted Surface Flow

6. METHOD OF TAKING WATER (check one):
   - Artesian Flow
   - Well & Pump
   - Diverted Surface Flow
   - Other (explain)

7. LOCATION OF PROPOSED WATER USE:
   (if possible, show on same map as source location. Otherwise, attach similar maps)
   
   - Address: N/A
   - Tax Map Key: 4-1-1413

8. QUANTITY OF WATER REQUESTED:
   - 3,000 CUB FT/day
   - 4,320,000 GPD (gallons per day)

9. METHOD OF MEASUREMENT:
   - Flowmeter
   - Open-pipe
   - Well
   - Orifice
   - Other (explain)

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

11. PROPOSED USE:
    - Municipal (including hotels, stores, etc.)
    - Domestic (individual, noncommercial, etc.)
    - Irrigation
    - Industrial
    - Military
    - N/A

12. NUMBER AND TYPE OF UNITS TO BE SERVED (explain):
    - N/A

13. TOTAL ACRES PROPOSED FOR IRRIGATION AND TYPE OF CROP:
    - N/A

14. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION:
    - 24 hour operation

15. APPLICANT MUST BRIEFLY DESCRIBE FOLLOWING POTENTIAL RESTRICTIONS ON USE:
    (a) Impact on Sustainable yield (%)
    - None
    (b) Permanent or Interim
    - None
    (c) Hawaiian Home Land uses affected (%)
    - None
    (d) Other existing legal uses affected (%)
    - None

16. REMARKS, EXPLANATIONS:

   (If more space is needed, continue on back side)

Applicant (print):
Robert L. Moore

Signature:

Landowner (print):

Signature:

Date:

1/12/93

For Official Use Only:

Date Received

Hydrologic No.:

Division Wells No.:

State Wells No.:
APPLICATION FOR WATER USE PERMIT

1. (a) APPLICANT
   Firm/Name: Sea Life Park Hawaii
   Contact Person: Robert L. Moore
   Address: [Redacted]

2. WATER MANAGEMENT AREA: Makapuu, Waimanalo, Koolaupoko
   ISLAND: Oahu

3. (a) PROPOSED (NEW) SOURCE NAME: n/a
   (b) LANDOWNER
   Firm/Name: STATE OF HAWAII
   Contact Person: [Redacted]
   Address: [Redacted]

4. SOURCE LOCATION: Address Makapuu, Waimanalo, Koolaupoko
   Tax Map Key 4-1-14:13
   (Attach a USGS map, scale 1"=2000', and a property tax map showing source location referenced to established property boundaries.)

5. SOURCE TYPE (check one): [X] Stream [ ] Basal [ ] Dike-confined [ ] Perched [ ] Caprock


7. LOCATION OF PROPOSED WATER USE: (If possible, show on same maps as source location. Otherwise, attach similar maps)
   (a) Address: [Redacted]
   (b) Land Use Design (check one): [ ] Urban [ ] Agriculture [ ] Conservation [ ] Rural
   (c) County Zoning (describe): [ ]

8. QUANTITY OF WATER REQUESTED: [ ] gallons per day

9. METHOD OF MEASUREMENT: [X] Flowmeter [ ] Open-pipe [ ] weir [ ] Office [ ] Other (explain)

10. QUALITY OF WATER REQUESTED: [X] Fresh [ ] Brackish [ ] Salt [ ] Potable [ ] Non-Potable

11. PROPOSED USE: [X] Municipal (including hotels, stores, etc.) [ ] Domestic (individual, noncommercial, etc.) [ ] Irrigation
    [ ] Industrial [ ] Military [ ] Other (explain)

12. NUMBER AND TYPE OF UNITS TO BE SERVED (explain): [ ]

13. TOTAL ACRES PROPOSED FOR IRRIGATION AND TYPE OF CROP: [ ] (acres) [ ] (crop)

14. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION: [ ] 24-hour operation
    (Indicate hours of operation)

15. APPLICANT MUST BRIEFLY DESCRIBE FOLLOWING POTENTIAL RESTRICTIONS ON USE:
    (a) Impact on Sustainable yield (?): [ ]
    (b) Permanant or Interim
    Instream Flow Standards affected (?): [ ]
    (c) Hawaiian Home Land uses affected (?): [ ]
    (d) Other existing legal uses affected (?): [ ]
    (e) Other: [ ]

16. REMARKS, EXPLANATIONS:

   (If more space is needed: continue on back side)

   Applicant (print) [ ] Robert L. Moore
   Signature: [ ]
   Date: [ ]

   Landowner (print) [ ] Keith W. Ahue
   Signature: [ ]
   Date: [ ]
APPLICATION FOR WATER USE PERMIT

State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources

APPLICATION FOR WATER USE PERMIT

1. (a) APPLICANT
   Firm/Name: Sea Life Park Hawaii
   Contact Person: Robert L. Moore
   Address: [Redacted]

2. Water Innovation Site: Hakipuu, Kalanianaole, Koolau Pooko

3. (a) EXISTING SOURCE NAME AND STATE NUMBER:
   Well No. 3 1940-11
   (b) PROPOSED (NEW) SOURCE NAME: N/A

4. SOURCE LOCATION: Address: Hakipuu, Kalanianaole, Koolau Pooko
   Tax Map Key: 4-1-14:13
   (Attach a USGS map, scale 1"=2000", and a property tax map showing source location referenced to established property boundaries.)

5. SOURCE TYPE (check one): □ Steam □ Dike-confined □ Perched □ Caprock

6. METHOD OF TAKING WATER (check one): □ Artesian Flow □ Well & Pump □ Divided Surface Flow □ Other (explain)

7. LOCATION OF PROPOSED WATER USE: If possible, show on same map as source location. Otherwise, attach similar maps
   (a) Land Use District (check one): □ Urban □ Agriculture □ Conservation □ Rural
   (b) County Zoning (describe): [Redacted]

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

9. METHOD OF MEASUREMENT: □ Flowmeter □ Open-pipe □ Walk □ Office □ Other (explain)

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

11. PROPOSED USE: □ Industrial (including hotels, stores, etc.) □ Domestic (individual, noncommercial, etc.) □ Irrigation □ Other (explain)
    □ Military
    □ Oceanarium
    □ Other: [Redacted]

12. NUMBER AND TYPE OF UNITS TO BE SERVED (explain): N/A

13. TOTAL ACRES PROPOSED FOR IRRIGATION AND TYPE OF CROP: N/A
    (acre) (crop)

14. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION: 24 hour operation
    (Indicate hours of operation)

15. APPLICANT MUST BRIEFLY DESCRIBE FOLLOWING POTENTIAL RESTRICTIONS ON USE:
    (a) Impact on Sustainable yield (%): None
    (b) Permanant or Interim Instream Flow Standards affected (%): None
    (c) Hawaiian Home Land uses affected (%): None
    (d) Other existing legal uses affected (%): None
    (e) Other: [Redacted]

16. REMARKS, EXPLANATIONS:
    [Redacted]

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) Robert L. Moore
Signature [Redacted]
Date 5/22/93

Landowner (print) [Redacted]
Signature [Redacted]
Date 5/12/93

For Official Use Only:
Date Received
Hydrologic Unit No.
Diversion Works No.
State Well No.
MEMORANDUM

TO:        Mrs. Hoaliku L. Drake, Director  
           Department of Hawaiian Home Lands  
           Dr. John C. Lewin, M.D., Director  
           Department of Health  
           Mr. Clay::on 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 Applications  
           Waimanalo Ground Water Management Area, Oahu  

Transmitted for your review and comment are copies of water use permit applications for *Sea Life Park Hawaii* for Well Nos. *1939-01 & 02* and *1940-02 & 11*. Public notice of these applications will be published in the Honolulu Star Bulletin issues of August 12, 1993 and August 19, 1993.

We would appreciate your review of the attached applications and please return this form by September 3, 1993.

If you have any questions regarding these applications, please contact Roy Hardy at [contact information redacted] or Lenore Nakama at [contact information redacted]

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: __________
Honorable Frank F. Fasi, Mayor  
City & County of Honolulu  
City Hall 

Attn: Mr. Jeremy Harris 

Dear Mayor Fasi:

Notice of Applications for Water Use Permits  
Waimanalo 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 applications for Sea Life Park Hawaii for Well Nos. 1939-01 & 02 and 1940-02 & 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 attached copies of the applications 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.
PUBLIC NOTICE
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".

Wahahole Ditch (Well No. 2853-01)
Applicant: Wahahole Irrigation Co., Ltd.

Date Completed Application Received: June 22, 1993
Aquifer: Koolaulupoko System, Windward Sector, Oahu
Well Source: Wahahole Ditch, Well No. 2853-01, at Wahahole, Koolaulupoko, Oahu,
Tax Map Key: 4-9-15:1
Quantity Requested: 2,520,000 gallons per day
Existing Water Use: Primarily for irrigation of 4,067 acres of sugarcane
Place of Water Use: Oahu Sugar Co., Ltd., Wailuku at various Tax Map Keys

Uwau Development Tunnel (Well No. 2953-01)
Applicant: Wahahole Irrigation Co., Ltd.

Date Completed Application Received: June 22, 1993
Aquifer: Koolaulupoko System, Windward Sector, Oahu
Well Source: Uwau Development Tunnel, Well No. 2953-01, at Uwau, Koolaulupoko, Oahu,
Tax Map Key: 4-8-14:3
Quantity Requested: 16,350,000 gallons per day
Existing Water Use: Primarily for irrigation of 4,067 acres of sugarcane
Place of Water Use: Oahu Sugar Co., Ltd., Wailuku at various Tax Map Keys

Waikele Development Tunnel #2 (Well No. 2953-02)
Applicant: Wahahole Irrigation Co., Ltd.

Date Completed Application Received: June 22, 1993
Aquifer: Koolaulupoko System, Windward Sector, Oahu
Well Source: Waikele Development Tunnel #2, Well No. 2953-02, at Waikele,
Koolaulupoko, Oahu, Tax Map Key: 4-8-14:5
Quantity Requested: 1,480,000 gallons per day
Existing Water Use: Primarily for irrigation of 4,067 acres of sugarcane
Place of Water Use: Oahu Sugar Co., Ltd., Wailuku at various Tax Map Keys

(more)
PUBLIC NOTICE

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."

Waiahole Ditch (Well No. 2853-01)
Applicant: Waiahole Irrigation Co., Ltd.

Date Completed Application Received: June 22, 1993
Aquifer: Koolaupoko System, Windward Sector, Oahu
Well Source: Waiahole Ditch, Well No. 2853-01, at Waiahole, Koolaupoko, Oahu,
Tax Map Key: 4-8-13:1
Quantity Requested: 2,520,000 gallons per day
Existing Water Use: Primarily for irrigation of 4,067 acres of sugarcane
Place of Water Use: Oahu Sugar Co., Ltd., Waipahu at various Tax Map Keys

Uwau Development Tunnel (Well No. 2953-01)
Applicant: Waiahole Irrigation Co., Ltd.

Date Completed Application Received: June 22, 1993
Aquifer: Koolaupoko System, Windward Sector, Oahu
Well Source: Uwau Development Tunnel, Well No. 2953-01, at Uwau, Koolaupoko, Oahu,
Tax Map Key: 4-8-14:3
Quantity Requested: 16,350,000 gallons per day
Existing Water Use: Primarily for irrigation of 4,067 acres of sugarcane
Place of Water Use: Oahu Sugar Co., Ltd., Waipahu at various Tax Map Keys

Waikane Development Tunnel #2 (Well No. 2953-02)
Applicant: Waiahole Irrigation Co., Ltd.

Date Completed Application Received: June 22, 1993
Aquifer: Koolaupoko System, Windward Sector, Oahu
Well Source: Waikane Development Tunnel #2, Well No. 2953-02, at Waikane,
Koolaupoko, Oahu, Tax Map Key: 4-8-14:5
Quantity Requested: 1,480,000 gallons per day
Existing Water Use: Primarily for irrigation of 4,067 acres of sugarcane
Place of Water Use: Oahu Sugar Co., Ltd., Waipahu at various Tax Map Keys
Waikane Development Tunnel #1 (Well No. 3053-01)
Applicant: Waiahole Irrigation Co., Ltd.

Date Completed Application Received: June 22, 1993
Aquifer: Koolaupoko System, Windward Sector, Oahu
Well Source: Waikane Development Tunnel #1, Well No. 3053-01, at Waikane, Koolaupoko, Oahu at Tax Map Key: 4-8-14:5
Quantity Requested: 6,330,000 gallons per day
Existing Water Use: Primarily for irrigation of 4,067 acres of sugarcane
Place of Water Use: Oahu Sugar Co., Ltd., Waipahu at various Tax Map Keys

Kahala Hilton #1 (Well No. 1646-05)
Applicant: Kahala Hilton

Date Completed Application Received: April 29, 1993
Aquifer: Waialae System, Honolulu Sector, Oahu
Well Source: Kahala Hilton #1, Well No. 1646-05, at 5000 Kahala Avenue, Oahu, Tax Map Key: 3-5-23:39
Quantity Requested: 2,880,000 gallons per day
Existing Water Use: Two air conditioner chillers
Place of Water Use: 5000 Kahala Avenue at Tax Map Key: 3-5-23:39

Kahala Hilton #2 (Well No. 1646-06)
Applicant: Kahala Hilton

Date Completed Application Received: April 29, 1993
Aquifer: Waialae System, Honolulu Sector, Oahu
Well Source: Kahala Hilton #2, Well No. 1646-06, at 5000 Kahala Avenue, Oahu, Tax Map Key: 3-5-23:39
Quantity Requested: 2,880,000 gallons per day
Existing Water Use: Two air conditioner chillers
Place of Water Use: 5000 Kahala Avenue at Tax Map Key: 3-5-23:39

Kunihiro Well (Well No. 3407-02)
Applicant: Native Hawaiian Advisory Council

Date Completed Application Received: June 28, 1993
Aquifer: Waialua System, North Sector, Oahu
Well Source: Kunihiro Well, Well No. 3407-02, at 66-220 Kamooloa Rd, Oahu, Tax Map Key: 6-6-23:4
Quantity Requested: 750,000 gallons per day
Existing Water Use: Domestic service, irrigation for 4.5 acres of various crops, and aquaculture
Place of Water Use: ... at Tax Map Key: 6-6-23:4

(more)
Well 1 (Well No. 1939-01)
Applicant: Sea Life Park Hawaii

Date Completed Application Received: May 18, 1993
Aquifer: Waimanalo System, Windward Sector, Oahu
Well Source: Well 1, Well No. 1939-01 at Makapuu Point, Waimanalo, Oahu, Tax Map Key: 4-1-14:13
Quantity Requested: 4,320,000 gallons per day
Existing Water Use: Oceanarium
Place of Water Use: Makapuu Point at Tax Map Key: 4-1-14:13

Well 2 (Well No. 1939-02)
Applicant: Sea Life Park Hawaii

Date Completed Application Received: May 18, 1993
Aquifer: Waimanalo System, Windward Sector, Oahu
Well Source: Well 2, Well No. 1939-02, at Makapuu Point, Waimanalo, Oahu, Tax Map Key: 4-1-14:13
Quantity Requested: 4,320,000 gallons per day
Existing Water Use: Oceanarium
Place of Water Use: Makapuu Point at Tax Map Key: 4-1-14:13

Well A (Well No. 1940-02)
Applicant: Sea Life Park Hawaii

Date Completed Application Received: June 9, 1993
Aquifer: Waimanalo System, Windward Sector, Oahu
Well Source: Well A, Well No. 1940-02, at Makapuu, Waimanalo, Oahu, Tax Map Key: 4-1-14:13
Quantity Requested: 0 gallons per day
Existing Water Use: Standby basis for Oceanarium
Place of Water Use: Makapuu Point at Tax Map Key: 4-1-14:13

Well 3 (Well No. 1940-11)
Applicant: Sea Life Park Hawaii

Date Completed Application Received: May 18, 1993
Aquifer: Waimanalo System, Windward Sector, Oahu
Well Source: Well 3, Well No. 1940-11, at Makapuu, Waimanalo, Oahu, Tax Map Key: 4-1-14:13
Quantity Requested: 4,320,000 gallons per day
Existing Water Use: Oceanarium
Place of Water Use: Makapuu Point at Tax Map Key: 4-1-14:13
Honouliuli Unit (Well No. 2101-14)
Applicant: U.S. Fish & Wildlife

Date Completed Application Received: June 23, 1993
Aquifer: Waipahu-Waiawa System, Pearl Harbor Sector, Oahu
Well Source: Honouliuli Unit Well, Well No. 2101-14, at Pearl Harbor NWR, Oahu, Tax Map Key: 9-1-17:12
Quantity Requested: 432,000 gallons per day
Existing Water Use: Maintenance of habitat for endangered water birds
Place of Water Use: Pearl Harbor NWR - Honouliuli Unit at Tax Map Key: 9-1-17:12

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 September 3, 1993 to 1) the Commission on Water Resource Management, [REDACTED] 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: JUL 27 1993

STATE OF HAWAII
REQUISITION & PURCHASE ORDER

DEPARTMENT OF LAND AND NATURAL RESOURCES
ORGANIZATION: CWRM
FUNCTION AND ACTIVITY

NOTICE TO VENDORS
Conditions of purchase are listed on the back side of this purchase order. Please read carefully. Payments may be delayed if all steps are not followed.

Hawaii Newspaper Agency
Honolulu Star Bulletin
Attn: Legal Ad

The State of Hawaii is an EQUAL EMPLOYMENT OPPORTUNITY and AFFIRMATIVE ACTION employer. We encourage the participation of women and minorities in all phases of employment.

PUBLIC NOTICE

Applications for Water Use Permits, Ground Water Management Area

Publish in Honolulu Star Bulletin issues of August 12, 1993 and August 19, 1993

DATE ____________

DELIVERY ADDRESS

COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources

BILLING ADDRESS

COMMISSION ON WATER RESOURCE MANAGEMENT

QUANTITY UNIT DESCRIPTION


OBJECT UNIT PRICE AMOUNT

Estimated $1,000.00

Goods/services received in good order and condition by DATE ____________________

Authorized signature ____________________________

A. FURUUCHI

VENDOR NUMBER ____________

SFX ______ XX

SFX TC F YR APP D OBJECT CC PROJ NO. PH ACT ESTIMATED COST ACTUAL COST M R OPT DEPT DATA

01 621 G 94 # C 4000 0726 000000 00 075 1,000.00

COPY #1 VENDOR

STATE ACCOUNTING FORM C-03
JULY 1, 1983 (REVISED)
Mr. Robert L. Moore  
Sea Life Park Hawaii  

Dear Mr. Moore:

Application for a Water Use Permit  
**Waimanalo Ground Water Management Area, Oahu**

We acknowledge receipt, on May 18, 1993, of your completed water use permit applications for WELLS 1, 2, and 3 (Well Nos. 1939-01, 1939-02, and 1940-11). However, you must submit an additional $25.00 filing fee for Well A (Well No. 1940-02).

Upon receipt of the $25.00 filing fee, we will continue to process your applications and will send you a copy of the public notice and any further information regarding your application status. 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.

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

Sincerely,

[Signature]

RAE M. LOUI  
Deputy Director

RH:ko
PAY

The sum of $25.00

TO THE ORDER OF
Department of Land & Natural Resources

DATE
June 8, 1993

AMOUNT
$25.00

### Table: DELUXE FORM TWC-3 V-2

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<td>Filing Fee for Well A (No. 1940-02)</td>
<td>$25.00</td>
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DETACH AND RETAIN THIS STATEMENT
THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW.
IF NOT CORRECT PLEASE NOTIFY US PROMPTLY. NO RECEIPT DESIRED.
Mr. Robert L. Moore  
Sea Life Park Hawaii  
Dear Mr. Moore:

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

We acknowledge receipt, on May 18, 1993, of your completed water use permit applications for WELLS 1, 2, and 3 (Well Nos. 1939-01, 1939-02, and 1940-11). However, you must submit an additional $25.00 filing fee for Well A (Well No. 1940-02).

Upon receipt of the $25.00 filing fee, we will continue to process your applications and will send you a copy of the public notice and any further information regarding your application status. 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.

If you have any questions, please contact Roy Hardy at [redacted]

Sincerely,

RAE M. LOUI  
Deputy Director
APPLICATION FOR WATER USE PERMIT

1. (a) APPLICANT
   Firm/Name: Sea Life Park Hawaii
   Contact Person: Robert L. Moore
   Phone: 232
   Email: Rmoore@sealifeparkhawaii.com
   Address: Hakupuu, Waimanalo, Koolaupoko

2. Written Intent: I intend to use wells No. 1 and 2 for irrigation.

3. (a) EXISTING SOURCE NAME AND STATE NUMBER:
   Well No. 1

4. SOURCE LOCATION: Address: Hakupuu, Waimanalo, Koolaupoko
   Tax Map Key: 4-3-19
   (Attach a USGS map, scale 1:20000, and a property tax map showing source location referenced to established property boundaries)

5. SOURCE TYPE: Stream

6. METHOD OF TAKING WATER: Artesian Flow

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

8. LOCATION OF PROPOSED WATER USE:
   (A) Address: Makapuu Point
   (B) Land Use District: Agricultural
   (C) County Zoning: T-1

9. METHOD OF MEASUREMENT: Flowmeter

10. QUALITY OF WATER REQUESTED: Fresh

11. PROPOSED USE:
    - Municipal: No
    - Domestic: Yes
    - Irrigation: Yes
    - Industrial: No
    - Military: No
    - Commercial: Yes
    - Oceanarium: Yes

12. NUMBER AND TYPE OF UNITS TO BE SERVED: None

13. TOTAL ACRES PROPOSED FOR IRRIGATION AND TYPE OF CROP: N/A

14. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION: 24 hour operation

15. APPLICANT MUST BRIEFLY DESCRIBE FOLLOWING POTENTIAL RESTRICTIONS ON USE:
    (a) Impact on Sustainable yield: None
    (b) Permanent or Interim Instream Flow Standards affected: None
    (c) Hawaiian Home Land uses affected: None
    (d) Other existing legal uses affected: None
    (e) Other: None

16. 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 uses. In addition, applicant understands that, upon permit approval, a water shortage plan must be submitted should the Commission require one.

Applicant (print): Robert L. Moore
Signature: Date: 1/21/93

Landowner (print): X
Signature: Date: 5/12/93

For Official Use Only:
Notice Dates: May 13
For Official Use Only:
Notice Dates: May 13

Hydrologic Unit No. Division Works No.
State Well No.

Notice Dates: Public Hearing
APPLICATION FOR WATER USE PERMIT

1. (a) APPLICANT
   Firm/Name: Sea Life Park Hawaii
   Contact Person: Robert L. Moore
   Address: Makapuu Point

2. (b) LANDOWNER
   Firm/Name: STATE OF HAWAII
   Contact Person: MASON YOUNG
   Address: Kalihi, HI

3. (a) EXISTING SOURCE NAME AND STATE NUMBER:
   1939-02 Well No. 2
   (well or stream diversion name/number)

4. SOURCE LOCATION:
   Address: Hakalau, Waimanalo, Koolaupoko
   Tax Map Key: 4-1-14:13
   (Attach a USGS map, scale 1:"2000", and a property tax map showing source location referenced to established property boundaries.)

5. SOURCE TYPE:
   Cloud
   Basalt
   Diverted
   Perched
   Caprock

6. METHOD OF TAKING WATER:
   Cloud
   Artesian
   Well & Pump
   Diverted Surface Flow
   Other (explain)

7. LOCATION OF PROPOSED WATER USE:
   Address: Hakalau, Waimanalo, Koolaupoko
   Tax Map Key: 4-1-14:13
   (Attach a USGS map, scale 1:"2000", and a property tax map showing source location referenced to established property boundaries.)

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

9. METHOD OF MEASUREMENT:
   Cloud
   Open-pipe
   Well
   Orifice
   Other (explain)

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

11. PROPOSED USE:
    Cloud
    Municipal (including hotels, stores, etc.)
    Domestic (individual, noncommercial, etc.)
    Irrigation
    Industrial
    Military
    Other (explain)
    Oceanarium

12. NUMBER AND TYPE OF UNITS TO BE SERVED (explain):
    N/A

13. TOTAL ACRES PROPOSED FOR IRRIGATION AND TYPE OF CROP:
    (acres) (crop)

14. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION:
    24-hour operation
    (Indicate hours of operation)

15. APPLICANT MUST BRIEFLY DESCRIBE FOLLOWING POTENTIAL RESTRICTIONS ON USE:
    (a) Impact on Sustainable yield (?):
    None
    (b) Permanent or Interim Instream Flow Standards affected (?):
    None
    (c) Hawaiian Home Land uses affected (?):
    None
    (d) Other existing legal uses affected (?):
    None
    (e) Other:

16. 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) Robert L. Moore
Signature __________________________ Date 1/22/93

Landowner (print) MASON YOUNG
Signature __________________________ Date MAY 1, 1993

For Official Use Only: Hydrologic Unit No. __
Division Works No. __
State Well No. __
Notice Issued:
APPLICATION FOR WATER USE PERMIT

State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources

1. (a) APPLICANT

Firm/Name: Sea Life Park Hawaii

Contact Person: Robert L. Moore

Address: ________________

(b) LANDOWNER

Firm/Name: OAHU DEPARTMENT OF HAWAIIAN LIFE PARK

Contact Person: MUSHI YOUNG

Address: ________________

2. WATER MANAGEMENT AREA: Makapuu, Waimanalo, Koolauopoko

ISLAND: Oahu

3. (a) EXISTING SOURCE NAME AND STATE NUMBER:

(b) PROPOSED (NEW) SOURCE NAME: N/A

(1940-02 Well No. A)

(Well or stream diversion name/number)

4. SOURCE LOCATION: Address: Makapuu, Waimanalo, Koolauopoko

Tax Map Key: 1-1-14-13

5. SOURCE TYPE (check one): Stream ☐ Basal ☐ Dike-confined ☐ Perched ☐ Caprock

6. METHOD OF TAKING WATER (check one): Artesian Flow ☐ Well & Pump ☐ Diverted Surface Flow ☐ Other (explain): N/A

7. LOCATION OF PROPOSED WATER USE: (If possible, show on same maps as source location. Otherwise, attach similar maps)

(a) Address: N/A

(b) Land Use District (check one): ☐ Urban ☐ Agriculture ☐ Conservation ☐ Rural

(c) County Zoning (describe): N/A

8. QUANTITY OF WATER REQUESTED: Well regulated to standby basis. gallons per day

9. METHOD OF MEASUREMENT: Flowmeter ☐ Open-pipe ☐ Weir ☐ Orifice ☐ Other (explain): N/A

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

11. PROPOSED USE: ☐ Municipal (including hotels, stores, etc.) ☐ Domestic (individual, noncommercial, etc.) ☐ Irrigation ☐ Industrial ☐ Military ☐ Other (explain): Ocearium

12. NUMBER AND TYPE OF UNITS TO BE SERVED (explain): N/A

13. TOTAL ACRES PROPOSED FOR IRRIGATION AND TYPE OF CROP: N/A

(a) (acres) ☐ (crop)

14. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION: 24 hour operation

(Indicate hours of operation)

15. APPLICANT MUST BRIEFLY DESCRIBE FOLLOWING POTENTIAL RESTRICTIONS ON USE:

(a) Impact on Sustainable yield (?): None

(b) Permanent or Interim Instream Flow Standards affected (?): None

(c) Hawaiian Home Land uses affected (?): None

(d) Other existing legal uses affected (?): None

(e) Other: None

16. REMARKS, EXPLANATIONS:

(If more space is needed, continue on back side)

NOTE: Signing below indicates 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) Robert L. Moore

Landowner (print) Keith W. Ahue

Signature: ________________

Date: 4/1/93

For Official Use Only

Date Received: ________________

Date Accepted: ________________

Hydrologic Unit No.: ________________

Diversion Work No.: ________________

Date: ________________

State Well No.: ________________

Notice Dates: ________________

Public: ________________

Mayor: ________________

BWS: ________________

Mail List: ________________

Bulletin: ________________

Public Hearing: ________________
May 11, 1993

Ms. Rae M. Loui  
Deputy Director  
Department of Land and Natural Resources  
Commission on Water Resource Management

Dear Ms. Loui,

Per your letter on March 29, 1993 bringing to our attention our incomplete application and our recent receipt of a second notice to file an application for a water use permit for the Waimanalo Ground Water Management Area, Oahu. Enclosed you will find a letter dated April 5, 1993 to Mason Young at Land Management explaining our situation and asking for his office to sign off on the application. I also called his office today and spoke to Gloria who informed me that the application has gone down to the chairman's office for signing.

As soon as we receive an executed application from Land Management I assure you we will rush it across the hall to Roy Hardy of your office.

Sincerely yours,

Steve Kaiser  
Director of Facilities Development
April 5, 1993

Mason Young
Department of Land and Natural Resources
Division of Land Management

Dear Mr. Young,

Enclosed you will find applications for our four saltwater wells here at Sea Life Park. Since they are located on state land the state must sign off as landowner. I have enclosed a copy of the original lease agreement and highlighted those areas pertinent to this application. I hope it helps.

Once they have been signed off please call me at [redacted] and I'll come over and pick them up. Or if you have any questions or problems just call I'll be glad to help.

Mahalo,

Steve Kaiser
Director of Facilities Development
Mr. Robert L. Moore
Sea Life Park Hawaii

Dear Mr. Moore:

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

We acknowledge receipt of your water use permit application for the Sea Life Park's Wells 1, 2, & 3 (Well Nos. 1939-01 & 02 and 1940-11) on January 27, 1993.

However, your application appears to be incomplete. According to the TMK map portion of your application, it would appear that the State of Hawaii may be the landowner and that Attractions Hawaii is only a lessee. On March 2, 1993, Mr. Steve Kaiser was notified of this and asked to follow-up on the matter with the Division of Land Management regarding this landowner issue.

Upon receipt of the requested information, we will continue to process your application and will send you a copy of the public notice and any further information regarding your application status. 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.

If you have any questions, please contact Roy Hardy at [redacted]

Sincerely,

RAE M. LOUI
Deputy Director

RH:ko
**REGULATION BRANCH**

**Commission on Water Resource Management**

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<td>D. Higa</td>
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<td>S. Kokubun</td>
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**REMARKS:**

3/1 Steve Kaiser will call.

3/2 SK called Landowner as State. Told him to submit through land management for signature.
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1) 14 existing wells - only 3 mimic - what about others? 3/2 8K will check
2) TMK's - state owns some sites
3)
To: The Honorable Dwight Y. Takamine, Chair  
House Committee on Water and Land Use Planning

From: John P. Keppeler II, Acting Chairperson

Subject: S.B. No. 227 - Relating to Molokai Water Resource Management

In May of 1992, the state Commission on Water Resource Management designated Molokai a water management area, thereby subjecting all ground water development on the island to regulation by the Commission.

Following its designation action, the Commission sponsored the formation of a Molokai Working Group whose charge was to coordinate the preparation of an islandwide plan for the preferred management and development of Molokai’s water resources. The plan would become the basis by which the Commission would issue permits for the future development and use of the island’s available water supply. The Molokai Working Group is comprised of 13 concerned residents and representatives from affected agencies and organizations on the island.

The current Molokai Working Group is essentially performing the same function that would be assigned the advisory committee that is being proposed in H.B. No. 246. For this reason, our Department believes the establishment of a new committee to advise the Commission is not necessary at this time.
The sum of $75 and 00 cts

PAY TO THE ORDER OF

* DEPARTMENT OF LAND AND NATURAL RESOURCES

DATE 01-25-93

AMOUNT $75.00

V4

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DETACH AND RETAIN THIS STATEMENT
THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW.
IF NOT CORRECT PLEASE NOTIFY US PROMPTLY. NO RECEIPT DESIRED.
# APPLICATION FOR WATER USE PERMIT

**State of Hawaii**  
COMMISSION ON WATER RESOURCE MANAGEMENT  
Department of Land and Natural Resources

**APPLICATION FOR WATER USE PERMIT**

- Ground Water or Surface Water

**Instructions:** Please print in ink or type and send completed application with attachments to the Commission on Water Resource Management. Application must be accompanied by a non-refundable filing fee of $25.00 payable to the Dept. of Land and Natural Resources. The Commission may not accept incomplete applications. For assistance, call the Regulation Branch at...

### 1. (a) APPLICANT

- Firm/Name: Sea Life Park Hawaii  
- Contact Person: Robert L. Moore  
- Address:

### 2. WATER SOURCE LOCATION:

- Address: Makapuu, Waimanalo, Koolaupoko
- Tax Map Key: 4-1-14

### 3. (a) EXISTING SOURCE NAME AND STATE NUMBER:

- 1939-01 Well No. 1

### 4. SOURCE LOCATION:

- Address: Makapuu, Waimanalo, Koolaupoko
- Tax Map Key: 4-1-14:13

### 5. SOURCE TYPE:

- (check one): Stream  
- Basal  
- Dike-confined  
- Perched  
- Caprock

### 6. METHOD OF TAKING WATER:

- (check one): Artesian Flow  
- Well & Pump  
- Diverted Surface Flow  
- Other (explain)

### 7. LOCATION OF PROPOSED WATER USE:

(a) Address: N/A  
(b) Land Use District:  
(c) County Zoning:  
(d) Tax Map Key:

### 8. QUANTITY OF WATER REQUESTED:

- 3,000 GPM

### 9. METHOD OF MEASUREMENT:

- (check one): Flowmeter  
- Open-pipe  
- Well  
- Office  
- Other (explain)

### 10. QUALITY OF WATER REQUESTED:

- (check one): Fresh  
- Brackish  
- Salt  
- Potable  
- Non-Potable

### 11. PROPOSED USE:

- (check one): Municipal (including hotels, stores, etc.)  
- Domestic (individual, non-commercial, etc.)  
- Irrigation  
- Industrial  
- Other (explain)

### 12. NUMBER AND TYPE OF UNITS TO BE SERVED:

- N/A

### 13. TOTAL ACRES PROPOSED FOR IRRIGATION AND TYPE OF CROP:

- N/A

### 14. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION:

- 24 hour operation

### 15. APPLICANT MUST BRIEFLY DESCRIBE FOLLOWING POTENTIAL RESTRICTIONS ON USE:

- (a) Impact on Sustainable yield (?)
- None

- (b) Permanant or Interim
- Instream Flow Standards affected (7):
- None

- (c) Hawaiian Home Land uses affected (7):
- None

- (d) Other existing legal uses affected (7):
- None

- (e) Other:

### 16. REMARKS, EXPLANATIONS:

(If more space is needed, continue on back side)

---

**NOTE:** Signing below indicates that the applicant understands that, if a water use permit is granted by the Commission on Water Resource Management, it 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):** Robert L. Moore  
**Landowner (print):** Charles Pietsch III

**Signature:**  
**Date:** 1/21/93  
**Date:** 3/4/92

<table>
<thead>
<tr>
<th>For Official Use Only:</th>
<th>Hydrologic Unit No.</th>
<th>Diversion Works No.</th>
<th>State Well No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Received:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date Accepted:</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

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**Notice Dates:**  
**Bulldrt:**  
**Public Hearing:**
APPLICATION FOR WATER USE PERMIT

[Ground Water or Surface Water]

Instructions: Please print in ink or type and send completed application with attachments to the Commission on Water Resource Management, Office of the Lieutenant Governor, State of Hawaii. Application must be accompanied by a non-refundable filing fee of $25.00 payable to the Dept. of Land and Natural Resources. The Commission may not accept incomplete applications. For assistance, call the Regulation Branch at 935-2528.

1. (a) APPLICANT
   Firm/Name: Sea Life Park Hawai'i
   Contact Person: Robert L. Moore
   Ph.: ________
   Address: ________

2. LANDOWNER
   Firm/Name: Associated Attractions Hawai'i
   Contact Person: W.T. Pleisch III
   Ph.: ________
   Address: ________

3. (a) EXISTING SOURCE NAME AND STATE NUMBER:
   Source Name: 1939-02 Well No. 2
   State Number: N/A

4. SOURCE LOCATION:
   Address: Makapuu, Waimanalo, Koolaupoko
   Tax Map Key: 4-1-14-13

5. SOURCE TYPE:
   (check one):
   Stream
   Surface Flow
   Dike-confined
   Perched
   Caprock

6. METHOD OF TAKING WATER:
   (check one):
   Artesian Flow
   Well & Pump
   Diverted Surface Flow
   Other (explain)

7. LOCATION OF PROPOSED WATER USE:
   (If possible, show on same maps as source location. Otherwise, attach similar maps)
   (a) Address: ________
   Tax Map Key: ________
   (b) Land Use District:
   (check one):
   Urban
   Agriculture
   Conservation
   Rural
   County Zoning (describe):
   (c)

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

9. METHOD OF MEASUREMENT:
   (check one):
   Flowmeter
   Open-pipe
   Weir
   Orifice
   Other (explain)

10. QUALITY OF WATER REQUESTED:
    (check one):
    Fresh
    Brackish
    Salt
    Potable
    Non-Potable

11. PROPOSED USE:
    (check one):
    Municipal (including hotels, stores, etc.)
    Domestic (individual, noncommercial, etc.)
    Irrigation
    Industrial
    Military
    Other (explanation):
    Oceanarium

12. NUMBER AND TYPE OF UNITS TO BE SERVED (explain):
    N/A

13. TOTAL ACRES PROPOSED FOR IRRIGATION AND TYPE OF CROP:
    (acres) (crop)
    N/A
    24 hour operation
    (Indicate hours of operation)

14. PROPOSED TIME OF WATER WITHDRAWAL OR DIVERSION:

15. APPLICANT MUST BRIEFLY DESCRIBE FOLLOWING POTENTIAL RESTRICTIONS ON USE:
    (a) Impact on Sustainable yield (?):
    None
    (b) Permanency or Interim
    Instream Flow Standards affected (?):
    None
    (c) Hawaiian Home Land uses affected (?):
    None
    (d) Other existing legal uses affected (?):
    None
    (e) Other:

16. 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, it 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 land uses. In addition, applicant understands that, upon permit approval, a water shortage plan must be submitted should the Commission require one.

Applicant (print): Robert L. Moore
Signature: __________
Date: 1/12/93

Landowner (print): Charles Pleisch III
Signature: __________
Date: 1/24/93

For Official Use Only:
Date Received: __________
Hydrologic Unit No. __________
Date Accepted: __________
Diversion Works No. __________
Notice Dates: __________
State Well No. __________
WATER USE PERMIT NO. 217

This report has been prepared in accordance with 13-171-22(b) of the Hawaii Revised Statutes requiring a 20-year review of issued water use permits to determine permit compliance. Following is a summary of permit information, site characteristics, methodology, findings, and recommendations for this State permit file.

Permit Information

<table>
<thead>
<tr>
<th>Water User:</th>
<th>Sea Life Park</th>
</tr>
</thead>
<tbody>
<tr>
<td>Landowner of Source:</td>
<td>State of Hawaii</td>
</tr>
<tr>
<td>Permitted Withdrawal Rate:</td>
<td>7.632 mgd (Based upon a 12-month moving average)</td>
</tr>
<tr>
<td>Water Management Area:</td>
<td>Waimanalo</td>
</tr>
<tr>
<td>Island:</td>
<td>Oahu</td>
</tr>
<tr>
<td>Aquifer Sector/System:</td>
<td>Windward/Waimanalo</td>
</tr>
<tr>
<td>System Sustainable Yield:</td>
<td>8 mgd</td>
</tr>
<tr>
<td>Water Type:</td>
<td>Salt</td>
</tr>
<tr>
<td>Original CWRM Date:</td>
<td>September 15th, 1993</td>
</tr>
<tr>
<td>Standard Conditions:</td>
<td>1-11, 13-14, 16, 20-23</td>
</tr>
<tr>
<td>Special Conditions:</td>
<td>142</td>
</tr>
</tbody>
</table>

Water Source

| State Well Number(s):      | 1939-01, 1939-02, 1940-02 |
| Well Name:                 | Well 1-2, Well A |
| Water Source TMK Number(s):| 1st Division, 4-1-014:005, 4-1-014:013 |
| State Land Use Classification(s): | Conservation |
| County Zoning Classification(s): | P-1 |

Geographical Coordinates:

Well No. 1939-01 (Well 1)  
Latitude 21° 18' 53.6” North  
Longitude 157° 39’ 41.2” West

Well No. 1939-02 (Well 2)  
Latitude 21° 18’ 53.7” North  
Longitude 157° 39’ 41.5” West

Well No. 1940-02 (Well B)  
Latitude 21° 18’ 51.6” North  
Longitude 157° 39’ 50.5” West
End Use

End Use TMK Number(s): 1st Division, 4-1-014:013
State Land Use Classification(s): Conservation
County Zoning Classification(s): P-1
Beneficial Use Explanation: Use for oceanarium needs

Background Information

State Well Nos. 1939-01, 1939-02, and 1940-02 are governed by Water Use Permit 217. The permittee also has a separate permit (WUP 218) for State Well No. 1940-11, which is in the vicinity. Reference the permit file for WUP 218 for more information. There are no water use records on file for this well for at least the past four years.

Water Use Permit 217 was approved during the September 15th, 1993 Commission on Water Resource Management meeting. This water source has been in use for at least 15 years by Sea Life Park. Standard conditions 1-11, 13-14, 16, 20-23 and special condition 142 are the governing conditions for this water use permit. A complete list of all standard and special conditions is given in the final summary report to the Legislature for this 20-year Water Use Permit Review.

Field Investigation Information

Contact: Cary Chiswick
Site Address: 

Brown and Caldwell conducted a field investigation on February 13th, 2008 from 10:00 a.m. until 11:15 a.m. with Mr. Cary Chiswick. During this time, type of water usage was verified, GPS coordinates of well head(s) were recorded, flow meter installation and functionality were documented, and property TMK information was verified. The wellhead, its related appurtenances, and water usage area were visually inspected to assess compliance with permit conditions. Visual inspection of water loss/waste was limited to outdoor areas within the usage boundary. The physical location of this site is at Sea Life Park on Makapu'u Point. Reference the TMK and GIS maps in the permit file for a visual representation of the site.

Summary of Findings for Water Use Permit No. 217

State Well Nos. 1939-01 and 1939-02 are located on TMK parcel 4-1-014:005 at 21° 18' 53.6" N, 157° 39' 41.2" W (±12 ft), and 21° 18' 53.7" N, 157° 39' 41.5" W (±15 ft), respectively. This
TMK parcel is across the street from Sea Life Park on the Makai side of Kalanianaole Highway at less than five feet mean sea level. State Well No. 1940-02 is located on TMK parcel 4-1-014:013 at 21° 18' 51.6” N, 157° 39' 50.5” W (±17 ft) and is situated near a training facility within Sea Life Park. Currently, State Well No. 1940-02 is not being used and is capped with wood and enclosed in a metal hatch. Water is being drawn from State Well Nos. 1939-01 and 1939-02 with a 3200 gpm (100 HP) pump and a 2100 gpm (75 HP) pump, respectively. Underground piping feeds the water across the highway and into Sea Life Park where it is metered, used in several oceanarium locations, and then injected into a UIC well located on the property. Reference the Appendix for photographs of the previously described system components.

The following are a list of standard condition(s) that the permittee is found to be in non-compliance with:

(10) An approved flowmeter must be installed to measure monthly withdrawals and a month record of withdrawals, salinity, temperature, and pumping times must be kept and reported to the Commission on Water Resource Management on forms provided by the Commission on a monthly basis.

The permittee has advised that he has an agreement with the State that exempts these wells from monthly reports because the water being drawn is strictly salt water. However, Standard Condition (10) dictates that monthly reports must be submitted to the commission. Therefore, the permittee is in violation of Standard Condition (10).

Based upon visual inspection of the system, all components appear to be in full working order. The permittee demonstrated functionality of an installed flowmeter and provided access to the site grounds where no wasting of water or water loss was observed. Visual inspection also confirmed that water use was within the permitted TMK boundaries.

Recommendations

- Update the Commission’s electronic database with the following:
  - Change permittee address to 41-202 Kalanianaole Hwy.
  - Water source TMK to include 4-1-014:005
  - Create memo field entry noting field investigation on 2/13/08
- Address issue of violation of Standard Condition (10) and non-reporting of water use
20-Year Water Use Permit Review
Water Use Permit No. 217

APPENDIX

Field Investigation Photographs
Figure 1 – State Well No. 1939-01

Figure 2 – State Well No. 1939-02
Figure 3 – Housing for State Well Nos. 1939-01 & 1939-02 (TMK 4-1-014:005)

Figure 4 – State Well No. 1940-02 (TMK 4-1-014:013, not currently in use)
Figure 5 – Functional system flowmeter
**Water Use Permit Survey**

(Please complete one survey form for each WUP)

| WUP Number: 217 | Well Number(s): 1939-01, 1939-02 |

**Contact Information** (of the person who will be present at site visit):

Name: Cary Chiswick

Phone (for phone interview):

Best time to reach for phone interview: Wed - Sunday 7 a.m. - 1:30 p.m.

**Property Information** (of the water use/well location):

Address: 41-202 Kahanamoku Hwy.

City: Waimanalo

Zip: 96795

Well Location TMK (list all if multiple wells present): 4-1-14-13

Water Use TMK (list all if used on multiple lots):

**Water Use/Well Information:**

Is the water source currently in use? Yes [ ] No [ ]

If no, please explain:

What are you currently using the water for? (example: “Use for 45 acres of diversified agriculture and 3 residences”):

Oceanarium needs

Is a flow meter installed and working properly? Yes [ ] No [ ]

If no, please explain:

Do you submit monthly water use reports to the State? Yes [ ] No [ ]

If no, please explain: Withdrawing salt water

**Field Investigations:**

A representative from Brown and Caldwell will be visiting wells in your area over the next several months between the times of 9:00 am and 5:00 pm. Each site investigation will take approximately 1-2 hours. Please indicate up to three potential days of the week and availability times for an on-site inspection of the well location and verification of water use compliance. The permit holder must provide Brown and Caldwell with at least five (5) working days notice of the need to reschedule.

| Option #1 Date (M-F): 1-30-08 | Time: 9:00 am [ ] 12:00 pm [ ] 3:00 pm [ ] |
| Option #2 Date (M-F): 2-31-08 | Time: 9:00 am [ ] 12:00 pm [ ] 3:00 pm [ ] |
| Option #3 Date (M-F): 2-1-08 | Time: 9:00 am [ ] 12:00 pm [ ] 3:00 pm [ ] |

Once this survey is returned, a Brown and Caldwell representative will be contacting you to conduct a phone interview and finalize the exact date and time of your field investigation. Please fax/mail completed surveys by December 12th, 2007 and direct any questions related to this survey to Mr. Milo Smith of Brown and Caldwell at:

**For Official Use Only**

Received: 1/24/08

Information Updated: 1/24/08

Phone Interview Complete: 2/6/08

Notes/Comments:
Phone Interview

WUP Number: 217 Well Number(s): 1A3A-01, 02

Contact Name: Cory Chiswick Phone Number: 295-7373 (cell)

Attempt #1: Date/Time: 2/7/06 (9:30 am) Result: N/A
Attempt #2: Date/Time: 2/8/06 (11:00 am) Result: Reached

Well Location TMK(s): H-1-0141: 013
Water Use TMK(s): H-1-0141: 013

Water Source Address: [Redacted]

Currently using water source? Yes ☒ No ☐

Notes/Comments:

How often is the water source being used? Daily ☒ Weekly ☐ Monthly ☐

Notes/Comments:

How long have you been using this water source?: N/A

Has there been any rezoning of the water source/water use properties? Yes ☐ No ☒

Have you reported the rezoning to the State? Yes ☐ No ☐ N/A ☒

If no, explain: ____________________________

Scheduled field investigation day/time: 2/13/06 @ 10:00 am

Notes (Special directions, site conditions, potential hazards, general notes, etc.):

- Makeup Entrance — Through pay station — lower area w/offices — call cell upon arrival.
- Near Human Resource Office

Comments To Make:

- Although we prefer that you do not change your scheduled field investigation time, if you require a reschedule, you must provide Brown and Caldwell with at least five (5) working days notice of the need to reschedule.
- A representative from Brown & Caldwell will be making a reminder phone call to you sometime during the week prior to your scheduled field investigation.
- It is very important that you provide access to the site at the day and time agreed upon. Due to a very tight schedule, if you fail to provide access at the agreed upon time and/or do not reschedule with at least a five (5) working day notice, a makeup date will not be allowed.
- If for some reason you don’t know where your well head is located, it would be a good idea to locate it prior to your field investigation to help make the visit go quickly and smoothly.

Interviewed By: M.S. Date: 2/8/06 Time: 1:00 pm
# Field Investigation Checklist

**WUP Number:** 217

**Well Number(s):** 1939-01-02, 1940-02

## Water Source

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Well Location TMK(s):</td>
<td>4-1-014:005, 4-1-014:013</td>
</tr>
<tr>
<td>Well Head GPS Coordinates:</td>
<td></td>
</tr>
<tr>
<td>Well Type:</td>
<td>Salt Water</td>
</tr>
<tr>
<td>Currently using water source?</td>
<td>Yes ☑ No □</td>
</tr>
<tr>
<td>Notes/Comments:</td>
<td></td>
</tr>
</tbody>
</table>

Is there a flow meter installed? Yes ☑ No □

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
<th>Flow Rate (CPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>75 HP</td>
<td>2100 CPM</td>
<td>3200 CPM</td>
</tr>
</tbody>
</table>

Is the flow meter operational? Yes ☑ No □

Notes/Comments:

## Water Use

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Use TMK(s):</td>
<td>4-1-014:013</td>
</tr>
</tbody>
</table>

What is the water being used for? Use for aquarium needs at Sea Life Park

Is the water being used within the permitted boundaries? Yes ☑ No □

If no, explain:

But wells are located on 4-1-014:005 except for well 1940-02, which is located on 4-1-014:013.

Is there any observed wasting of water or water loss? Yes ☑ No □

If no, explain: None observed

Are the permit conditions being complied with? Yes ☑ No □

If no, explain: Flowmeter installed but no records seen. File: Permittee claims he has a deal with the state to not report since he is only drawing salt water.

## Other

Photographs of: Water Source ☑ Water Meter ☑ Usage Area ☑ Pump/Motor ☑

General Notes/Comments:

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1939-01-01:</td>
<td>21° 15' 52.0&quot; N, 157° 39' 41.2&quot; W (± 12 ft) (Well 1)</td>
</tr>
<tr>
<td>1939-02-01:</td>
<td>21° 14' 53.7&quot; N, 157° 39' 41.5&quot; W (± 15 ft) (Well 2)</td>
</tr>
<tr>
<td>1940-02-02:</td>
<td>21° 15' 51.6&quot; N, 157° 39' 50.3&quot; W (± 17 ft) (Well B)</td>
</tr>
</tbody>
</table>

Well 1940-02 not currently in use

Investigated By: M.S.  Date: 2/13/08  Time: 10:00am
Standard Conditions List

1. The water described in this water use permit may only be taken from the location described and used for the reasonable beneficial use described at the location described above. Reasonable beneficial uses means "the use of water in such a quantity as is necessary for economic and efficient utilization, which is both reasonable and consistent with State and County land use plans and the public interest." (HRS § 174C-3)

2. The right to use ground water is a shared use right.

3. The water use must at all times meet the requirements set forth in HRS § 174C-49(a), which means that it:
   a. Can be accommodated with the available water source;
   b. Is a reasonable-beneficial use as defined in HRS § 174C-3;
   c. Will not interfere with any existing legal use of water;
   d. Is consistent with the public interest;
   e. Is consistent with State and County general plans and land use designations;
   f. Is consistent with County land use plans and policies; and
   g. Will not interfere with the rights of the Department of Hawaiian Home Lands as provided in Section 221 of the Hawaiian Homes Commission Act and HRS § 174C-101(a).

4. The ground-water use here must not interfere with surface or other ground-water rights or reservations.

5. The ground-water use here must not interfere with interim or permanent instream flow standards. If it does, then:
   a. A separate water use permit for surface water must be obtained in the case an area is also designated as a surface water management area;
   b. The interim or permanent instream flow standard, as applicable, must be amended.

6. The water use authorized here is subject to the requirements of the Hawaiian Homes Commission Act, as amended, if applicable.

7. The water use permit application and submittal, as amended, approved by the Commission at its <Insert Date> meeting are incorporated into this permit by reference.

8. Any modification of the permit terms, conditions, or uses may only be made with the express written consent of the Commission.

Variations of Standard Condition (8) are as follows:
   i. Modification of any permit condition shall be approved by the Commission. Modification of any permit condition without notification may result in the revocation of the water use permit.
9. This permit may be modified by the Commission and the amount of water initially granted to the permittee may be reduced if the Commission determines it is necessary to:
   a. Protect the water sources (quantity or quality);
   b. Meet other legal obligations including other correlative rights;
   c. Insure adequate conservation measures;
   d. Require efficiency of water uses;
   e. Reserve water for future uses, provided that all legal existing uses of water as of June, 1987 shall be protected;
   f. Meet legal obligations to the Department of Hawaiian Home Lands, if applicable; or
   g. Carry out such other necessary and proper exercise of the State’s and the Commission's police powers under law as may be required.

Prior to any reduction, the Commission shall give notice of its proposed action to the permittee and provide the permittee an opportunity to be heard

10. An approved flowmeter(s) must be installed to measure monthly withdrawals and a monthly record of withdrawals, salinity, temperature, and pumping times must be kept and reported to the Commission on Water Resource Management on forms provided by the Commission on a monthly basis (attached).

Variations of Standard Condition (10) are as follows:
   i. The applicant shall keep monthly pumpage estimates to be submitted annually to the Commission.
   ii. An approved flowmeter(s) need not be installed to measure monthly withdrawals and a monthly record of withdrawals, salinity, temperature, and pumping times must be kept and reported to the Commission on Water Resource Management on forms provided by the Commission on a yearly basis (attached).
   iii. An approved flowmeter(s) must be installed to measure withdrawals and a monthly record of withdrawals, water-levels, salinity, and temperature must be kept and reported to the Commission on a monthly basis in accordance with the Commission’s September 16, 1992 action on reporting requirements.
   iv. Approved flowmeters must be installed to measure monthly withdrawals and a monthly record of withdrawals must be kept and reported to the Commission on Water Resource Management on a monthly basis.
   v. An approved flowmeter(s) must be installed to measure monthly withdrawals and a monthly record of withdrawals, salinity, temperature, and pumping times must be kept and reported to the Commission on Water Resource Management on forms provided by the Commission on a quarterly/yearly basis (attached).
   vi. An approved flowmeter shall be installed to measure water withdrawals
   vii. An approved flowmeter(s) must be installed to measure withdrawals; and a record of the withdrawals must be kept and reported to the Department of
Land and Natural Resources, Division of Water and Land Development, on a monthly basis.

viii. Although not stated as a condition of the permit §13-168-7 HAR requires you to keep a record of your monthly total pumpage, water level, salinity, and water temperature. This information must be submitted to the Commission on a regular monthly basis using the enclosed water use report form.

ix. An approved flowmeter shall be installed and the withdrawal from Well 1851-73 shall be recorded and reported to DLNR on a monthly basis by the owner and/or operator of the well.

x. The withdrawals from these wells shall be recorded and reported to the DLNR on a monthly basis by the BWS.

xi. The applicant shall provide and maintain an approved meter or other appropriate device or means for measuring and reporting water usage on a monthly basis.

xii. The applicant shall provide and maintain an approved meter or other appropriate device or means for measuring and reporting total water usage. Water usage shall be measured on a monthly basis and reported to the Commission.

xiii. The applicant shall provide and maintain an approved meter or other appropriate device or means for measuring and reporting total water usage. Water usage shall be measured on a monthly basis and reported to the Commission along with water level and salinity measurements.

11. This permit shall be subject to the Commission’s periodic review of the <Aquifer> Aquifer System’s sustainable yield. The amount of water authorized by this permit may be reduced by the Commission if the sustainable yield of the <Aquifer> Aquifer System, or relevant modified aquifer(s), is reduced.

12. A permit may be transferred, in whole or in part, from the permittee to another, if:
   a. The conditions of use of the permit, including, but not limited to, place, quantity, and purpose of use, remain the same; and
   b. The Commission is informed of the transfer within ninety days.

Failure to inform the department of the transfer invalidates the transfer and constitutes a ground for revocation of the permit. A transfer, which involves a change in any condition of the permit, including a change in use covered in HRS §174C-57, is also invalid and constitutes a ground for revocation.

13. The uses(s) authorized by law and by this permit do not constitute ownership rights.

14. The permittee shall request modification of the permit as necessary to comply with all applicable laws, rules, and ordinances that will affect the permittee’s water use.

15. The permittee understands that under HRS §174C-58(4), that partial or total nonuse, for reasons other than conservations, of the water allowed by this permit for a period of four (4) continuous years or more may result in a permanent revocation as to the amount of water not in use. The Commission and the permittee may enter
into a written agreement that, for reasons satisfactory to the Commission, any period of nonuse may not apply towards the four-year period. Any period of nonuse which is caused by a declaration of water shortage pursuant to section HRS § 174C-62 shall not apply towards the four-year period or forfeiture.

16. The permittee shall prepare and submit a water shortage plan within 30 days of the issuance of this permit as required by HAR § 13-171-42(c). The permittee's water shortage plan shall identify what the permittee is willing to do should the Commission declare a water shortage in the <Aquifer>Ground-Water Management Area.

17. The water use permit shall be subject to the Commission's establishment of instream standards and policies relating to the Stream Protection and Management (SPAM) program, as well as legislative mandates to protect stream resources.

18. The permittee understands that any willful violation of any of the above conditions or any provisions of HRS § 174C or HAR § 13-171 may result in the suspension or revocation of this permit.

19. Special conditions in the attached cover transmittal letter or attached exhibits are incorporated herein by reference.

20. If the ground-water source does not presently exist, the new well shall be completed, i.e. able to withdraw water for the proposed use on a regular basis, within twenty-four (24) months from the date the water use permit is approved.

Variations of Standard Condition (20) are as follows:
   i. The permit may be revoked if work is not started within six months of the date of issuance or if work is suspended or abandoned for six months. The work proposed in the permit application shall be completed within two years from the date of permit issuance.

21. This permit may not be transferred or the use rights granted by this permit sold or in any other way alienated. Pursuant to HRS § 174C-59 and the requirements of Chapter 174C, the Commission on Water Resource Management has the authority to allow the transfer of the permit and the use rights granted by this permit in a manner consistent with HRS § 174C-59. Any such transfer shall only occur with the Commission's prior express written approval. Any sale, assignment, lease, alienation, or other transfer of any interest in this permit shall be void.

22. The water use permit granted shall be an interim water use permit, pursuant to HRS § 174C-50. The final determination of the water use quantity shall be made within five (5) years of the filing of the application to continue the existing use.

23. The water use permit shall be issued only after agricultural review.

24. That scheduled adjustments to Oahu Sugar Co. permitted use shall be initiated upon discontinuance of agricultural uses.
25. The issuance of this permit was approved by the Commission on Water Resource Management at its meeting on <Insert Date>.

26. The permit shall be subject to the review by the Attorney General.

27. The permit holder may be required to relinquish this permit at any time or specified time after issuance to the Board of Land and Natural Resources in accordance with Chapter 166 of Title 13.

28. The applicant shall obtain the necessary land acquisition documents from the Hawaii Housing Authority.
Special Conditions List

1. Should an alternate permanent source of water be found for this use, then the Commission reserves the right to revoke this permit, after a hearing.

2. In the event that the tax map key at the location of the water use is changed, the permittee shall notify the Commission in writing of the tax map key change within thirty (30) days after the permittee receives notice of the tax map key change.

3. The applicant shall contact the Environmental Management Division, State Department of Health, at [Contact Information], concerning “GUIDELINES APPLICABLE TO GOLF COURSES IN HAWAII” date <Insert Date & Version #>.

4. Standard Condition 10 is emphasized, to report consumption on a regular basis.

5. The applicant may continue this existing use of ground water within the limits approved by the Commission, and the actual issuance of the interim permit shall not be a reason to interrupt this existing use.

6. This interim water use permit shall cease to become interim and shall be subject to HRS § 174C-55 upon administrative review of the quantity within five (5) years, provided that all conditions of the use (including the review of the quantity which shall not be greater than the amount initially granted) remain the same. Enforcement of the allocation limit shall be stayed pending staff’s review and issuance of a permanent water use permit.

7. As-built drawings of the well and pump, and a complete pumping test record shall be submitted within sixty (60) days.

8. In the event the pump tests show that aquifer boundary conditions do not support the requested withdrawals, the Commission reserves the right to amend this permit, after a hearing, to a level that is supported by the pump tests.

9. The existing use may be continued within the levels approved by the Commission, and the actual issuance of the permit document shall not be a reason to interrupt the approved level of use.

10. The filing of an application by Kukui, Inc. for a new or modified water use permit for the Kualapuu Aquifer in excess of 2.0 mgd (total system withdrawal) shall be just cause for re-consideration of this interim permit by the Commission.

11. Upon completion of a new transmission line for the transport of water use by Well #17, the permit shall be modified to reduce the allocation amount by the additional 79,220 gallons per day allocated for use of the Molokai Irrigation System.

12. Within six (6) months from the date of approval of a water use permit for the well, the applicant shall conduct a feasibility study and submit a report describing
alternative sources of nonpotable water for irrigation uses at the resort area. It is suggested that the developer consider use of dual lines in the subdivisions so that effluent may be used in the existing reuse system. Another consideration is the development of brackish water wells in the Kaluakoi Aquifer system for mixing with the effluent generated at the resort.

13. Within six (6) months from the date of approval of a water use permit for the well, the application shall evaluate the filter back discharges into Kakaako Gulch to determine if excessive preventable waste is occurring and identify possible measures to eliminate or reduce such waste. The evaluation shall be conducted in cooperation with the Commission staff and staff of the Department of Health’s Safe Drinking Water Branch, which regulates the drinking water system.

14. Within six (6) months from the date of approval of a water use permit for the well, the applicant shall 1) implement a leakage control and detection system and compete repairs to prevent such leakage and 2) implement use of xeriscaping and low-flow fixtures.

15. Action on the future use portion of the water use permit application for Well #17 (Well No. 0901-01) is deferred pending the establishment of existing uses in the aquifer. Kukui Inc.’s application for uses in excess of those uses existing on July 15, 1992 will be considered “new” uses and will be taken up by the Commission as soon as other existing use applications have been decided. In the interim,
   a. The Commission shall recognize that there is disagreement between the applicant’s staff calculations of reasonable-beneficial existing use
   b. The Applicant will have the burden of proof to show within six (6) months reasonable-beneficial existing use calculations that support the applicant’s request as opposed to staff’s calculations.
   c. The Commission’s enforcement of the approved existing use allocation will be suspended for six (6) months.

16. The permittee shall submit a notice of intent and written request to continue the use at least ninety (90) days prior to the expiration of the interim five-year permit.

17. The Commission shall delegate to Maui Department of Water Supply the authority to allocate the use of water for municipal purposes, as provided in §174C-48(b).

18. Maui Department of Water Supply shall be exempt from the requirements for permit modifications, as provided in§174C-57(c).

19. The permittee must meter water use and monitor chloride concentrations on a monthly basis and submit monthly reports of water use and chloride concentrations to the Commission.

20. Standard Condition 16 is waived for saltwater wells.

21. The permit will be revoked if (1) stream monitoring shows that pumping the well reduces stream flow, or (2) the electromagnetic resistivity survey indicates that the
well was drilled into a dike compartment, unless the applicant submits a petition for an amendment to the interim instream flow standard with the well completion report. However, no use of the water may be made without a Pump Installation Permit, which cannot be issued during consideration of the amendment of the interim instream flow standard.

22. The applicant shall present the results of the electromagnetic resistivity survey, pump tests, and stream monitoring to a community meeting as well as to the Commission.

23. A final determination of water use quantity shall be made within five (5) years of the filing date of the application (<Insert Date>) to continue existing use.

24. The applicant shall implement, by December 31, 1995, a biological and hydraulic monitoring program for a minimum 2-year period that: 1) documents the existing operating procedure, 2) seeks to identify the impacts of all operating alternatives on Waikolu Stream, and 3) seeks to identify the effectiveness of weir modifications (Dam No. 1). This program shall incorporate the three new wells, Wells #4-6 (Well Nos. 0855-06, -05, &-04, respectively), which may be pumped within the approved limits, for monitoring and testing purposes only. Further, semi-annual reports summarizing data and preliminary findings shall be submitted to the Commission. It is suggested that the Department of Agriculture work with the State Division of Aquatic Resources and other affected agencies to prepare the monitoring program in light of the difficult technical questions raised by this application. A particular concern is the coordination of this monitoring program with the ongoing National Park Service study by Anne Brasher. A draft of this plan shall be submitted to the Commission staff within ninety (90) days for technical review and comment. Results of the monitoring program shall be used to make recommendations to the Commission on any additional use of the wells, and shall be made readily available to all interested parties.

25. That the Commission approves the well construction permit for the Kamiloloa-Waiola Well (Well No. 0759-01), subject to the standard well construction conditions and the special conditions for the pumping well for the aquifer tests.

26. That the Commission authorizes the Chairperson to approve and issue a pump installation permit upon acceptance of adequate pump test result, subject to the standard pump installation conditions.

27. Should the well be used for back-up domestic supply, applicant is advised to contact DOH or otherwise ensure safe drinking water quality is maintained.

28. The applicant shall follow the agreed monitoring plan.

29. If pesticides used by the applicant are found in ground or surface water and can be traced to the applicant's use, the CWRM may revoke the permit immediately upon such finding.
30. Issuance of the interim permit shall be withheld until the reservation of water for DHHL is set by rule. Applicant may continue this existing use within the approved limits.

31. The applicant shall submit well modification and pump installation permit applications for administrative approval by chairperson prior to beginning any work required to complete well.

32. Should any stream flow impacts result from use, petition to amend interim instream flow standards shall be submitted.

33. Should any dewatering result from use, pumping shall cease immediately.

34. Shall submit accurate schematic diagram of distribution system for the battery of 5 wells.

35. Shall be subject to a 6-month independent audit & monitoring.

36. Final pump capacity shall be determined from pump test results & approved administratively by signature of chair.

37. The permittee shall seek and submit to the Commission within ninety (90) days written confirmation from the Department of Land Utilization of the non-conforming use.

38. Pumping shall cease immediately if the chloride reports show that the brackish water developed in the well exceeds 1,000 mg/l of chloride, unless a variance from the chloride limit has been granted. The authority to approve future variance requests is delegated to the chairperson.

39. The duration of the interim permit shall be:
   a. To July 1, 2006, or
   b. Until treated wastewater is available and acceptable for use, or
   c. Until such time that a significant change in permitted, actual, or projected uses or water supply occurs.

40. Action on any interim permit may be initiated by the Commission or any permittee upon letter request or pursuant to §174C-57 Haw. Rev. Stat. (Modification of permit terms).

41. This permit is approved under the assumption that wastewater will become available for reuse as an alternative supply source.

42. Require adherence to the chloride sampling protocol and the submittal of weekly chloride data. The authority to approve variances from the weekly reporting requirement is delegated to the Chairperson.

43. Require adherence to the Conservation Conditions.
44. In the event a water shortage is declared by the Commission, permittees in the <Insert Aquifer System> shall comply with the <Insert Aquifer System> water shortage plan adopted by the Commission.

45. The permittee shall contact the Department of Health, Clean Water Branch and obtain the necessary discharge permit(s).

46. Permit shall be interim and replaces existing WUP for 2051-07 & 11.

47. Applicant shall submit an acceptable archaeological inventory survey report to DHP. If historic sites affected, a plan to mitigate these affects must be accepted by DHP and completed by applicant.

48. Should the well be used for back-up domestic supply, applicant is advised to contact DOH or otherwise ensure safe drinking water quality is maintained.

49. (The permittee) may report monthly pumpage on yearly basis.

50. Prior to issuance of any permits, must submit filing fee for after-the-fact pump installation permit.

51. The term of this permit shall be twenty years from the date of issuance of the permit with a five-year Board review to determine compliance with the provisions of the permit.

52. The amount of water to be withdrawn under this permit shall be 0.19 mgd, averaged annually, for irrigation use. This permitted use of 0.19 mgd when added to a preserved use of 0.27 mgd amounts to a total of 0.46 mgd, averaged annually, which may be withdrawn from well 1646-01.

53. The use authorized by the permit must not interfered substantially and materially with existing individual household uses and existing uses.

54. The use of this well shall be subject to the shortage and emergency powers of the Board of Land and Natural Resources (BLNR).

55. This permit may be suspended or revoked, in accordance with Chapter 166.

56. The permit holder may be required to relinquish this permit to BLNR, in accordance with Chapter 166.

57. The withdrawal from Well 1646-10 shall be recorded and reported to DLNR on a monthly basis by the permittee.

58. In the event that emergency water use occurs, the permittee shall notify the Commission in writing within one (1) day of pumping, to in form the Commission as to the nature of the emergency and the expected duration of the emergency. A water
use report shall also be filed pursuant to Standard Condition 10 and Administrative Rule 13-168-7.

59. Note DOH’s requirements related to non-potable water systems (attached to original permit).

60. Standard Condition 16 requiring the submittal of a water shortage plan is waived.

61. All non-potable spigots and piping shall be clearly labeled as “DO NOT DRINK, NON-POTABLE” to prevent direct human consumption.

62. Standard Condition 10 is modified. Due to the inability to take water level measurements, the requirement to measure monthly water levels is waived. In addition, as long as the U.S. Geological Survey is collecting and analyzing the chloride content of the well water, the requirement for the permittee to measure and report chlorides is also waived.

63. Well elevation components must be surveyed by a licensed surveyor and this information must be submitted to commission prior to issuance of permanent permit.

64. The permittee shall obtain approvals from the Department of Health and the U.S. Environmental Protection Agency prior to use of the water.

65. This water use permit, WUP No. <Insert #>, shall supersede WUP No. <Insert #>.

66. WUP No. <Insert #> is revoked

67. Standard Condition 17 is waived.

68. Standard Condition 22 for interim water use permits shall not apply.

69. To supplement our records, we request that you provide a map of the Galbraith Est. lands west of Wahiawa (2100 ac+-) and the associated TMK's for use area.

70. Deferred action on portion requested for golf course irrigation pending further refinement of irrigation requirement and a feasibility study for utilization of surface water sources, including Wahiawa Reservoir.

71. Written justification be provided for any 'cushion' of 0.5 mgd.

72. The water use permit shall be an interim permit. The duration of the interim permit shall be until treated wastewater is available and acceptable for use. The permittee shall continue discussions with Honolulu Board of Water Supply regarding the use of reclaimed water.

73. The permittee is put on notice that this is a qualified approval in that this permit may be modified or revoked prior to the expiration of the interim permit if the
Commission decides that the use of additional basal ground water for dust control and landscape irrigation is not reasonable-beneficial use.

74. The permittee encouraged to use drought-tolerant landscaping to conserve water.

75. Should the applicant provide written evidence that the county DHCD approves a 201E exemption for the elderly affordable housing project then the applicant may modify a corresponding portion of their existing aquacultural use to be used by the exemption approved project within the Commission approved water use permit limits under recommendation 5.

76. The applicant shall obtain a water lease/permit from Land Division prior to actual use of the well water.

77. Require the permittee to sign a contract by May 14, 1998 with the City Department of Wastewater Management to buy and use 0.400 mgd of R-1 water for a corresponding reduction in allocation for Well Nos. 1900-02, 17 to 20, and 1901-03.

78. Standard Condition 9 is waived.

79. Standard Condition 10 is modified to exempt the permittee from monthly measurements of salinity and temperature.

80. Standard Condition 10 is waived.

81. Applicant must seek a determination from BLNR and Land Mgt Div as to whether water license required. If required, license must be obtained prior to issuance of permit. If not, permit will be issued w/out further action.

82. Commission defers action on use in excess of 452,000 gpd pending additional info from BWS and further staff analysis.

83. The permit shall be subject to the Commission’s sustainable yield review by December 1990.

84. The Commission shall delegate to the Honolulu Board of Water Supply the authority to allocate the use of water for municipal purposes, in accordance with §174C-48(b) HRS.

85. Honolulu Board of Water Supply shall be exempt from the requirements of permit modifications as provided in §174C-57.

86. BWS must participate in discussions, to be coordinated by Commission Staff, regarding a monitoring program to address impacts to Kaneohe Bay water quality, prior to any action on applications for future municipal uses.

87. A pump installation permit application must be made and approved prior to the installation of a permanent pump.
88. The water withdrawn shall be 0.7 mgd for municipal use.

89. The installed pump capacity of the well shall not be more than 700 gpm or 1.01 mgd.

90. The term of permit shall automatically expire twelve months from the date of issuance.

91. The Honolulu Board of Water Supply may continue to submit monthly water data on their own form, provided that the data are submitted in a format that is acceptable to the Commission staff.

92. Standard Condition 7 shall not apply.

93. Standard Condition 22 shall not apply.

94. Standard Condition 10 is modified to exempt the permittee from monthly measurements of salinity and temperature.

95. This permit shall be subject to conditions providing for stream restoration if the Commission determines that additional water should be returned to the streams.

96. HECO 1 mgd for industrial use

97. Campbell Estate 1 mgd for municipal use through BWS, by separate agreement with HECO

98. BWS 1 mgd for municipal use.

99. The permit shall be subject to the Commission’s sustainable yield review by <Insert Date>.

100. The applicant shall obtain the current version of the Department of Health’s Guidelines Applicable to Golf Courses in Hawaii. Where relevant and viable, items of the guidelines should be implemented and sustained appropriately. To obtain the current version, contact the Safe Drinking Water Branch, Environmental Management Division at 808-586-4258 (Honolulu).

101. The future use portion of the application shall be deferred until existing uses in the Koolauloa area are established.

102. The water to be withdrawn under this permit shall be a total of 0.03 mgd (0.02 mgd preserved plus an additional 0.01 mgd permitted use), averaged annually, for domestic and irrigation use

103. Existing well 1851-09 shall be properly sealed by a licensed drilling contractor. A well modification permit application, enclosed, shall be submitted to the Department for approval of the well sealing. A filing fee for sealing the well will not be required.
104. The permittee is required to test the source using a certified private laboratory and submit the test results to the Commission within three (3) months. The Commission will then forward the results to the Department of Health for their review. The Department of Health recommends that the well be routinely tested for microbiological and chemical parameters thereafter.

105. The permittee is required to submit a completed Registration of Well and Declaration of Water use by <Insert Date>.

106. The permittee shall contact the Department of Health for a written determination on the status of their water system and comply with any Department of Health requirements for monitoring and testing.

107. In the event that the original spring source decontaminates, the new well authorized will be shut down.

108. That within each aquifer the total permitted use shall not exceed the sustainable yield.

109. That any water available for allocation shall be for in-district use.

110. That scheduled reductions to Oahu Sugar Co. permitted use shall be initiated upon final termination of an Osco lease or sub-lease, whichever occurs later.

111. That permits for water use issued in accordance with the proposed schedule shall be interim permits subject to review and adjustment by 1995.

112. That the permit shall be an interim permit for a new use which is afforded to existing users as specified in §13-171-20.

113. That the original allocation of 0.200 mgd shall be taken to hearing for possible revocation at a later date to complete the transfer of the water use permit entirely to Well No. 3407-02. This revocation would reduce the current allocation afforded to the Kunihiro Well (Well No. 3406-06) to zero.

114. This allocation incorporates the unspecified domestic needs of the applicant and therefore necessitates a single meter be installed at the well.

115. Should any impacts to nearby wells or streams be established by the use of this well, the applicant shall address these issues to the satisfaction of the Commission.

116. If an economically feasible nonpotable source is identified, the applicant shall convert to the alternative nonpotable source.

117. The permit shall be subject to the Chairperson’s approval of a water use plan recommending possible measures to prevent or minimize saltwater contamination and establish courses of action to follow should the aquifer become to saline to use.
118. Permittee shall provide the necessary end-use information on the 10th residence to allow regulation of the use under Chapter 174C.

119. Standard Conditions 10 & 18 shall not apply.

120. Standard Condition 10 is modified to exempt the permittee from the requirement to install a flowmeter. Salt water withdrawals may instead be estimated based on pumping capacity and run time.

121. The applicant shall review the existing year long period of pumpage and streamflow data and provide analysis on ground and surface water interaction. Deadline is January 25, 1994.

122. The water use permit for Well Nos. 2301-27 to -32 for 0.75 mgd (WUP No. 419) shall be revoked upon issuance of a pump installation permit for the well.

123. The permittee shall use mulching to decrease evaporative losses and manage irrigation scheduling to minimize water demand.

124. The permittee shall submit a detailed agricultural plan to support any future water use permit application for increased agricultural use at this parcel.

125. If not already obtained, the permittee shall seek and obtain any necessary permits from the Department of Health for the proposed discharge to Malaekahana Stream.

126. Standard Condition 10 is modified to waive the requirement for installing a water meter on Well Nos. 2358-21, 22, and 29. The permittee shall install a water meter on Well No. 2358-26 to measure total monthly flow through the discharge line. This quantity should then be assumed to be the rate of natural flow from the other three wells for monthly reporting purposes.

127. The permit shall be effective upon submittal of documentation by Navy that it has met the DOH requirements for a public system.

128. This WUP shall be subject to Army's application for a WUP to reduce the permitted use of the Army's Schofield Shaft (2901-02 to 04, 10) by 0.208 mgd to a new total of 5.648 mgd. The Army's application shall be submitted within 60 days after the approval of this WUP or this WUP shall be void. Approval of the modification request shall be obtained from the CWRM prior to use of Well No. 3100-02 and issuance of this WUP.

129. Navy shall submit an after-the-fact PIPA, and approval of the permit shall be obtained prior to use of the well.

130. The well shall not be used for drinking water purposes unless it is properly tested and treated.
131. This permit is approved subject to reclaimed water becoming a practical alternative and provided that the Department of Health approves the reuse application.

132. Should any opae ula be recovered in the well water, the permittee shall notify the Division of Aquatic Resources and provide specimens to the Division of Aquatic Resources for analysis.

133. If a single meter at the well is used, the Commission shall allow an additional 1,000 gallons per day to the water use permit amount for the domestic needs of two residences, although a permit for individual domestic consumption is not required. Otherwise, the applicant must provide a meter to separately measure the irrigation consumption.

134. This permit is approved under the requirement that conversion to either: 1) treated wastewater becoming available for reuse as an alternative supply source, provided that Department of Health concerns over the use of treated effluent over the potable water aquifer have been addressed; and/or 2) other nonpotable source becoming available will occur in a timely manner.

135. These permits shall be subject to a review of actual use within four years for possible modification of the permitted amount.

136. The permit shall be reviewed in two (2) years for possible additional revocation due to nonuse.

137. The allocation is based on the projects listed in Exhibit 5 (of Item 10 of the May 20, 1998 Staff Submittal), except for the Queen’s Beach GC (TMK 139-11-2,3), Lot 9 (TMK 139-17-51), and Varsity Place (TMK 128-24-35).

138. Kamehameha Schools Bishop Estate/Honolulu Board of Water Supply shall transfer the water use permit within ninety (90) days of the effective date of the transfer of the pump station to the Honolulu Board of Water Supply, pursuant to §174C-59 Hawaii Revised Statutes.

139. The permittee shall ensure that the water is recycled by either directing it into the Waiahole Ditch for use by downstream farmers (subject to the approval of the Agribusiness Development Corporation’s Board) or into Waikele Farm’s existing irrigation system.

140. The permittee shall file a completed application to modify WUP No. 758 to reduce the allocation by 0.100 mgd within 60 days. If a completed water use permit modification application is not received within 60 days from this submittal’s date, then the subject water use permit application (WUPA No. 767) shall be deemed denied without prejudice without the need for another hearing.

141. The water withdrawn shall be for municipal use. No improvements to the existing sources are required as the existing source capacities are greater than the increase.
142. Water license must be determined through LM.

143. Proposed other uses will be considered at a later date.
Chairperson and Members
Commission on Water Resource Management

Gentlemen:

RESUBMITTAL
Sea Life Park Hawaii
Applications for Water Use Permit
Wells 1, 2, 3, & A (Well Nos. 1939-01 & 02, 1940-01 & 02)
Waimanalo Ground Water Management Area, Oahu

Applicant:
Sea Life Park Hawaii

Landowner:
State Of Hawaii

Background

On September 1, 1993, the Commission deferred action on these applications to allow for the September 3, 1993 deadline for filing written objections. No specific objections were filed. At this time, the Commission also encouraged the applicant to initiate communication with the Department of Land and Natural Resources, Division of Land Management, such that the issue of water licensing may be resolved. Completed water use permit applications for Wells 1, 2, & 3 (Well Nos. 1939-01, 02, & 1940-11) and Well A (Well No. 1940-02) had been submitted to the Commission on May 18, 1993 and June 9, 1993, respectively. Specific information regarding the sources, use, notification, objections, and field investigation(s) are described in Attachment A and the attached exhibit.

Analysis & Issues

Three of these four existing sources, Wells 1, 2, & 3 (Well Nos. 1939-01 & 02 and 1940-11), withdraw salt water underlying the Waimanalo Aquifer System for use by Sea Life Park's Oceanarium. Through verbal agreement with The Oceanic Institute, a portion of the water from Well 3 (Well No. 1940-11) is reserved for augmentation of the institute's aquacultural salt water supply. The fourth well, Well A, is a standby salt-water well that has not been used for at least 15 years.

The active wells are located at the shoreline near Makapuu Point at elevations of less than 5 ft. with respect to mean sea level. Because the sources tap sea water at depth, the sustainable yield of the Waimanalo Aquifer System will not be affected, and no impacts on either surface- or ground-water systems are anticipated. There are no wells downgradient, and impact on nearby existing wells should not be any different than it has been over the past 30 years. No specific objections to this application have been submitted to the Commission.

To date, reports of actual monthly water usage have not been pursued by staff because of the non-competitive nature of the salt water withdrawals and its negligible impact on the Wainmanalo Aquifer System. However, a standard condition of a water use permit for this existing amount is that the applicant submit monthly water use reports. The applicant's request is for continued use of 4.32 million gallons per day (mgd) of salt water from each of the three active wells; however, based on recent verbal communication and field investigation with the applicant, actual use from Wells 1 & 2 combined and from Well 3 has been consistent at 7.632 mgd and 4.608 mgd, respectively.
Currently, there are four (4) other pending applications for water use permits for the Waimanalo Aquifer System. All four applications have been submitted by the Royal Hawaiian Country Club requesting a total of 0.225 mgd of non-potable water for golf course irrigation. In addition to these pending allocations, the Department of Hawaiian Home Lands has requested reservation of 0.53 mgd of potable water for future developments of Hawaiian Home Lands in Waimanalo. A public hearing is scheduled for September 8, 1993 to address DHHL's reservation concerns. Also, none of these pending allocations are anticipated to compete, or otherwise conflict, with the applicant's requested quantity of salt water.

There has been concern expressed over water licensing as it relates to withdrawal of ground water from sources located on State lands. According to discussion with Land Management staff, water licenses have not previously been issued for salt water wells so near to the ocean. Therefore, although all four existing sources are located on State lands, water licenses for these salt water wells do not exist.

RECOMMENDATION

That the Commission approve the issuance of an interim water use permit to Sea Life Park Hawaii to use 7,632,000 gallons per day of salt water for use from Wells 1 and 2 (Well Nos. 1939-01 & 02), and 4,608,000 gallons per day from Well 3 (Well No. 1940-11) for the reasonable and beneficial use of a commercial ocean park, subject to the standard water use permit conditions listed in Attachment B and the following special condition:

1. The applicant must seek determination from the BLNR and the Land Management Division as to whether or not a water license is required for withdrawal of the water in this particular case. If the result is that a water license is required, then the water license must be obtained before the permit is issued or delivered. If the result is that a water license is not required under the lease and under the statutes, then the water use permit will be issued without further action by the Commission.

Respectfully submitted,

RAE M. LOUI
Deputy Director

Attach.

APPROVED FOR SUBMITTAL:

KEITH W. AHUE, Chairperson
**WATER USE PERMIT DETAILED INFORMATION**

### Source Information

**AQUIFER:**
- Waimanalo System, Windward Sector, Oahu
  - Sustainable Yield: 8 mgd
  - Existing Water Use Permits: 1.872 mgd
  - Available Allocation: 6.128 mgd
  - Total of other pending allocations: 0.225 mgd

### WELL:

<table>
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<tr>
<th>WELL</th>
<th>Location</th>
<th>Year Drilled</th>
<th>Casing Diameter</th>
<th>Elevation (msl= 0 ft.)</th>
<th>Water Level</th>
<th>Ground</th>
<th>Bottom of Solid Casing</th>
<th>Bottom of Perforated</th>
<th>Bottom of Open Hole</th>
</tr>
</thead>
<tbody>
<tr>
<td>Well 1 (Well No. 1939-01)</td>
<td>Makapuu Pt., Waimanalo, Oahu, TMK:4-1-14:13</td>
<td>1963</td>
<td>18 in.</td>
<td></td>
<td>NA ft.</td>
<td>2 ft.</td>
<td>-23 ft.</td>
<td>NA ft.</td>
<td>-24 ft.</td>
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<td>Well 2 (Well No. 1939-02)</td>
<td>Makapuu Pt., Waimanalo, Oahu, TMK:4-1-14:13</td>
<td>1963</td>
<td>18 in.</td>
<td></td>
<td>NA ft.</td>
<td>2 ft.</td>
<td>-22 ft.</td>
<td>NA ft.</td>
<td>-23 ft.</td>
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<tr>
<td>Well 3 (Well No. 1940-11)</td>
<td>Makapuu Pt., Waimanalo, Oahu, TMK:4-1-14:13</td>
<td>NA</td>
<td>20 in.</td>
<td></td>
<td>NA ft.</td>
<td>3 ft.</td>
<td>-17 ft.</td>
<td>NA ft.</td>
<td>-27 ft.</td>
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<tr>
<td>Well A (Well No. 1940-02)</td>
<td>Makapuu Pt., Waimanalo, Oahu, TMK:4-1-14:5</td>
<td>1963</td>
<td>18 in.</td>
<td></td>
<td>NA ft.</td>
<td>3 ft.</td>
<td>-17 ft.</td>
<td>NA ft.</td>
<td>-27 ft.</td>
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**ATTACHMENT A**
Chairperson and Members  
Commission on Water Resource Management  

September 15, 1993

Elevations (msl = 0 ft.)
Water Level:  
Ground:  
Bottom of Solid Casing:  
Bottom of Perforated:  
Bottom of Open Hole:  

Total Depth:  
Grouted Annulus Depth:

Use Information

Well 1 (Well No. 1939-01)
Quantity Requested: 4,320,000 gallons per day.

Well 2 (Well No. 1939-02)
Quantity Requested: 4,320,000 gallons per day.

Well 3 (Well No. 1940-11)
Quantity Requested: 4,320,000 gallons per day.

Well A (Well No. 1940-02)
Quantity Requested: 0 gallons per day.

Total Requested: 12,960,000 gallons per day.

Existing Type of Water Use: Supply salt water to Sea Life Park Oceanarium.
Place of Water Use: Makapuu Point at TMK: 4-1-14:13

Total Reported Water Usage: 12,240,000 gpd
Nearby Similar Water Usage: NA gpd
Waimanalo Aquifer System
Current 12-Month Moving Average Withdrawal: NA gpd (NA% of SY)

Nearby Surrounding Wells and Other Registered Ground Water Use

There are thirteen (13) other wells within a mile of the well (see Exhibit 1). At present,
Chairperson and Members
Commission on Water Resource Management September 15, 1993

Water is being withdrawn at only one of these wells. Information from the registration program indicates there are possibly twenty-six (26) existing wells in the Waimanalo Aquifer System. Several of these wells have been initially field checked but many of the declarants, including the larger users, have not been completely field verified. Several are not in use or are rights claims. However, the Oahu Water Use and Development Plan estimated that the existing withdrawals from the Waimanalo Aquifer System is 0.9 mgd as of 1990.

Public Notice

In accordance with HAR § 13-171-17, a public notice was published in the Star-Bulletin on August 12, 1993 and August 19, 1993 and copies of the notice were sent to the Mayor's office and the Board of Water Supply. Additional notice copies were sent to the County Council and Department of Water Supply. Copies of the completed application were sent to the Department of Health, Department of Hawaiian Home Lands, Office of Hawaiian Affairs, Aquatic Resources, Historic Preservation, and other divisions of the Department of Land and Natural Resources, and other interested parties for comments. Written comments and objections to the proposed permit were to be submitted to the Commission by September 2, 1993.

Objections/Comments

The public notice specifies that an objector meet the following requirements: (1) state property or other interest in the matter; (2) set forth questions of procedure, fact, law, or policy, to which objections are taken; (3) state all grounds for objections to the proposed permits, (4) provide a copy of the objection letter(s) to the applicant, and (5) submit objections meeting the previous requirements to the Commission by September 2, 1993.

To the best of staff's knowledge there are no objectors who have property interest within the Waimanalo Aquifer System or who will be directly and immediately affected by the proposed water use. All objections and/or comments to the application are summarized as follows:

<table>
<thead>
<tr>
<th>Objection/Commentor</th>
<th>Objection/Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>NHAC</td>
<td>General process of water use permit applications. No specific objections to this application.</td>
</tr>
</tbody>
</table>

Briefs in Support

Responses to objections, or briefs in support, regarding the application are required to be filed with the Commission ten (10) days after an objection is filed and, presumably, copies are served to the applicant. No briefs in support were filed with the Commission.

Field Investigation

The water source and existing use were investigated on July 12, 1990 and August 23, 1993. The investigation(s) verified the applicants request for water use permit.

ATTACHMENT A
STANDARD WATER USE PERMIT CONDITIONS

1. The ground water described in the water use permit may only be taken from the location described, used for the reasonable-beneficial use described, and at the location described above and in the attachments. Reasonable-beneficial use means "the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is not wasteful and is both reasonable and consistent with the state and county land use plans and the public interest." (HAR §13-171-2).

2. The right to use ground water is a shared use right.

3. The water use must at all times meet the requirements set forth in HAR §13-171-13 which means that it:
   a. Can be accommodated with the available water source;
   b. Is a reasonable-beneficial use as defined in section §13-171-2;
   c. Will not interfere with any existing legal use of water;
   d. Is consistent with the public interest;
   e. Is consistent with state and county general plans and land use designations;
   f. Is consistent with county land use plans and policies; and
   g. Will not interfere with the rights of the Department of Hawaiian Home Lands as provided in section 221 of the Hawaiian Homes Commission Act.

4. The ground water must not interfere with surface or ground water rights or reservations.

5. The ground water use must not interfere with interim or permanent instream flow standards. If it does, then:
   a. A separate water use permit for surface water must be obtained in the case an area is also designated as a surface water management area;
   b. The interim or permanent instream flow standard, as applicable, must be amended.

6. The water use permit is subject to the requirements of the Hawaiian Homes Commission Act, as amended, if applicable.

7. The water use permit application and staff submittal approved by the Commission at its September 15, 1993 meeting are incorporated into the permit by reference.

8. Any modification of the permit terms, conditions, or uses can only be made with the express written consent of the Commission on Water Resource Management.

9. The water use permit may be modified by the Commission and the amount of water initially granted to the permittee may be reduced if the Commission determines it is necessary to:
   a. Protect water sources in quantity, quality, or both;
   b. Meet other legal obligations including other correlative rights;
   c. Insure adequate conservation measures;
   d. Require efficiency of water uses;
   e. Reserve water for future uses, provided that all legal existing uses of water as of June 1987, shall be protected;
   f. Meet legal obligations to the Department of Hawaiian Homes, if applicable; or
   g. Carry out such other necessary and proper exercise of the State's and the Commissions's police powers under law as may be required.

ATTACHMENT B
Prior to any reduction, the Commission shall give notice of its proposed action to the permittee and provide the permittee an opportunity to be heard.

10. If the ground water source is not existing, the development of the new well shall be completed, i.e. able to withdraw water for the proposed use on a regular basis, within twenty-four (24) months from the date the water use permit is approved.

11. An approved flowmeter(s) must be installed to measure withdrawals and a monthly record of withdrawals, water-levels, salinity, and temperature must be kept and reported to the Commission on a monthly basis in accordance the Commission’s September 16, 1992 action on reporting requirements;

12. The water use permit shall be subject to the Commission’s periodic review of the applicable aquifer’s sustainable yield. The amount of ground water use authorized by the permit may be reduced by the Commission if the sustainable yield of the Waimanalo Aquifer System, or relevant modified aquifer, is reduced;

13. The water use permit may not be transferred or the use rights granted by this permit sold or in any other way alienated. Pursuant to HAR §13-171-25 and the requirements of Chapter 174C, the Commission has the authority to allow the transfer of the permit and the use rights granted by the permit in a manner consistent with HAR §13-171-25. Any such transfer shall only occur with the Commission’s prior express written approval. Any sale, assignment, lease, alienation, or other transfer of any interest in this permit shall be void.

14. The use(s) authorized by law and by the water use permit do not constitute ownership rights.

15. The permittee shall request modification of the permit when necessary to comply with all applicable laws, rules, and ordinances which will affect the permittee’s water use.

16. The permittee shall prepare and submit a water shortage plan within 30 days of issuance of the permit to assist the Commission in fulfilling HAR §13-171-42(c). The permittee’s water shortage plan shall identify what the permittee is willing to do should the Commission declare a water shortage in the Waimanalo Ground Water Management Area.

17. The water use permit granted shall be an interim water use permit, as allowed under HAR §13-171-21. The final determination of the water use quantity shall be made within five years of the filing of the application to continue the existing use.

18. The water use permit shall be issued only after AG review.
**COMMISSION ON WATER RESOURCE MANAGEMENT**

**ROUTE SLIP FOR NEW APPLICATIONS**

**FROM:** RYAN

**DATE:** 19-Jun-01

**SUSPENSE DATE:**

<table>
<thead>
<tr>
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<th>INIT.</th>
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<th>FOR:</th>
<th>PLEASE:</th>
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<td>FUJII, N.</td>
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<tr>
<td>UYENO, D.</td>
<td></td>
<td>YODA, K.</td>
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</table>

**WELL NUMBER** 1940-02  
**WELL NAME** Sea Life Park A

- **PUMP INSTALLATION**
- **WELL CONSTRUCTION**
- **BOTH**

**ATTACHMENTS FOR APPLICATION PROCESSING** - Both applicant & staff generated

1. TRANS. LETTER
2. CWRM MAP
3. APPL. FORM (3X)
4. USGS MAPS (3X)
5. TAX MAPS (3X)
6. PARCEL OWNER VERIF. MLS PRINTOUT
7. CONTRACTOR VERIF. DCCA LICENSE SCREEN PRINTOUT
8. ALL INFO FILLED IN
9. BACKGOUND CHECK

**FOLDER:**
- Made new file folder, attached
- File folder already made, in file cabinet

**INCOMPLETE ACTION DATES:**

<table>
<thead>
<tr>
<th>DATE</th>
<th>ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/20</td>
<td>called Tom - told him submit WUP</td>
</tr>
<tr>
<td></td>
<td>will process concurrently</td>
</tr>
<tr>
<td>6/21</td>
<td>Route for signature</td>
</tr>
</tbody>
</table>

**PLEASE:**

- See Me
- Review & Comment
- Take Action
- Type Draft acknow letter
- Type Final, label new file folder
- File
- Xerox copies

- **State land - water license?**
- **Check WUP - I think only**
  - Recheck - perhaps WUP & necessary

**Ryan?**
TO: Mr. Harry Yada, Acting Land Division Administrator

FROM: Linnel Nishioka, Deputy Director, Commission on Water Resource Management

SUBJECT: Request for Chairperson's Signature as Landowner

The attached permit application entails the use of State-owned land and, accordingly, requires the signature of the Chairperson as the landowner. Here, we are requesting your help in affirming the State's ownership of the property and, thereafter, routing the application to the Chairperson for his signature. (We have enclosed the appropriate transmittal memo that contains the affirmation statement.)

Please note that the Chairperson's signature on the permit application completes the application and allows it to be accepted for processing by the Commission. The signature neither represents an endorsement of the applicant's proposal nor an approval for the use of State land; both approvals would be sought by the applicant under separate actions later.

Please inform us if the proposed project is in the Conservation District and, if so, whether the requirements of Chapter 343 have been met.

Lastly, please inform us of the contact person at Land Division who is responsible for transmitting the attached original applications to the Chairperson's office.

Rl:ky
Attach.
MEMORANDUM

TO: Mr. Gilbert S. Coloma-Agaran, Chairperson
   Board of Land and Natural Resources

FROM: Harry Yada, Acting Land Division Administrator

SUBJECT: Request for Chairperson's Signature as Landowner

As you know, each application for permits issued by the Commission on Water Resource Management requires the signature of the landowner of the property involved. On behalf of the applicant, may we have your signature on the attached permit application, which entails the use of State-owned land?

I have attested to the State's ownership of the property covered in the application, as indicated below. Your signature would allow the permit application to be filed and processed. It would not represent an endorsement of the applicant's proposal or an approval for the use of State land; both approvals would be sought by the applicant under separate actions later.

Please return this memo and the permit application to the Water Commission when you're through. Thank you.

Attach.

AFFIRMATION

I hereby affirm that the State of Hawaii is the owner of that certain parcel of land identified as:

TMK __________ located at ________________ on the island of __________.

By: __________________
   Land Division Administrator

Dated __________________
<table>
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<tr>
<th>Approved Well No.</th>
<th>Well Name</th>
<th>Applicant</th>
<th>Driller</th>
<th>Type</th>
<th>Well Construction</th>
<th>Pump Installation</th>
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<tbody>
<tr>
<td>1940-02</td>
<td>Sea Life Park A</td>
<td>Sea Life Park</td>
<td>C-18254</td>
<td>PUMP</td>
<td>Issued</td>
<td>4/2/1991</td>
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</table>

*Note: Entry appears to have a pen mark indicating "probably no signature required back then."
Ms. Linnel T. Nishioka - Deputy Director
Commission on Water Resource Management
Department of Land and Natural Resources
State of Hawaii

Dear Ms. Nishioka:

Pump Installation Permit Application for
Sea Life Park Well "A" (State Well No. 1940-02)

Attached please find a completed Pump Installation permit application and $25 filing fee for Sea Life Park Well "A", an existing saltwater well at the Sea Life Park facility. The pump to be installed would produce 1500 GPM and would be run continuously.

If you have any questions or need additional information, please feel free to call.

Sincerely,

Tom Nance

Attachments

cc: Mel Lima - Mel's Water Works [Fax only]
    Randall Honke - Oceanic Institute [Fax only]
State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
APPLICATION FOR PERMIT

5-8-01
01-32

For Official Use Only:

[Signature]

APPLICATION INFORMATION: (Fill out all three, if applicable, and place a check next to the primary contact)

1. (a) WELL OWNER: Sea Life Park Hawaii
   Mailing Address: [Address]
   Contact Person: Wayne Nielsen
   Phone: [Phone]

   (c) CONTRACTOR: Mele's Water Works Hawaii, Inc.
   Mailing Address: [Address]
   Contact Person: Melvin Lima
   Phone: [Phone]

   License No. [License No.]
   (circle one: C-57, C-57a, or A)

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

2. WELL NAME: Sea Life Park Well "A"
   Island: Oahu
   Address: [Address]
   Tax Map Key: 4 - 1 - 014 : 013
   Zone: Sec Plat Parcel
   Attach the relevant portion of (a) a 7.5-Minute Series USGS topographic map [scale 1:24,000] and include the name of the quad map, and (b) a property tax map, showing well location referenced to established property boundaries.

3. PROPOSED WORK: ☐ Construct New Well
   ☐ Install New Pump*
   ☐ Modify Existing Well*
   ☐ Modify Pump*
   ☐ Abandon/Seal*
   *State Well No. 1940-02 (if unknown, please call Commission at 587-0225)

4. CONSTRUCTION: ☑ Drilled
   ☐ Dug
   ☐ Shaft
   ☐ Tunnel
   Is this well part of a battery of wells? ☑ Yes ☐ No (Please describe)

5. PROPOSED PUMP INFORMATION: Rated Pump Capacity: 1500 gallons per minute
   Pump Type (check one):
   ☑ Deep Well Turbine
   ☐ Rotary
   ☐ Submersible
   ☐ Centrifugal
   ☐ Rotaway-Displacement
   ☐ Rotary-Gear
   ☐ Impulse

6. PROPOSED USE: ☐ Municipal (including hotels, stores, etc.)
   ☐ Domestic (individual, noncommercial water system)
   ☐ Industrial
   ☐ Saltwater Supply
   ☐ Irrigation (crop)
   ☐ Other (explain): [Other (explain)]
   ☐ No. of Acres: [No. of Acres]

7. (a) PROPOSED AMOUNT OF WITHDRAWAL: 2,160,000 gallons per day
   (b) METHOD OF FLOW MEASUREMENT: ☐ Flowmeter
      ☐ Open-Pipe
      ☐ Weir
      ☐ Orifice
      ☐ Other (explain)

OTHER LEGAL REQUIREMENTS: ☐ CDUP
☐ SMAP
☐ EIS
☐ EA
☐ None
☐ Other (explain)

9. REMARKS, EXPLANATIONS: Two wells are to be drilled to provide landscape irrigation. The wells will be approximately 800 feet apart.

I understand that approval of this application attaches the following standard conditions: 1) the proposed work is to be completed within two (2) years of the approval date; 2) the contractor shall submit to the Commission a well completion/abandonment report within 60 days after the completion date of the permitted work; 3) monthly water use data shall be submitted to the Commission; 4) such approval shall not constitute a determination of correlative water rights and shall not guarantee the pump capacity or future use up to the permitted pump capacity.

Well Owner: [Signature]
Date: [Date]
Landowner: [Signature]
Contractor: [Signature]

For Official Use Only:

Latitude: [Latitude]
Longitude: [Longitude]
Aquifer System No.: [Aquifer System No.]
State Well No.: [State Well No.]

WCPIPA FORM 10/25/00
10. PROPOSED WELL SECTION

**Solid Casing Material:** Not Known; Well Constructed in 1963

- Carbon Steel: compliant with (check one or more): ANSI/AWWA C200 on API Spec. 5L on ASTM A53 on ASTM A139
- Stainless Steel: (check one): ASTM A409 (production wells) on ASTM A312 (monitor wells)
- ABS Plastic conforming to ASTM F480 and ASTM D1527 (check one): Schedule 40 on Schedule 80
- PVC Plastic conforming to ASTM F480 and (ASTM D1765 or ASTM D2241): (check one): Schedule 40 on Schedule 80 on Schedule 120
- Thermoset Plastic: (check one): Filament Wound Resin Pipe conforming to ASTM D2996 on Centrifugally Cast Resin Pipe conforming to ASTM D2997 on Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D3517 on Glass Fiber Reinforced Resin Pressure Pipe conforming to AWWA C950 on FEP Fluorocarbon Tubing conforming to ASTM D3296

**Open Casing Material:** No Perforated Casing

- Carbon Steel: compliant with (check one or more): ANSI/AWWA C200 on API Spec. 5L on ASTM A53 on ASTM A139
- Stainless Steel: (check one): ASTM A409 (production wells) on ASTM A312 (monitor wells)
- ABS Plastic conforming to ASTM F480 and ASTM D1527 (check one): Schedule 40 on Schedule 80
- PVC Plastic conforming to ASTM F480 and (ASTM D1765 or ASTM D2241): (check one): Schedule 40 on Schedule 80 on Schedule 120
- Thermoset Plastic: (check one): Filament Wound Resin Pipe conforming to ASTM D2996 on Centrifugally Cast Resin Pipe conforming to ASTM D2997 on Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D3517 on Glass Fiber Reinforced Resin Pressure Pipe conforming to AWWA C950 on FEP Fluorocarbon Tubing conforming to ASTM D3296 on FEP Fluorocarbon Tubing conforming to ASTM D3296

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* The approximate elevation must be referenced to mean sea level (msl) at the time of application filing. Final elevations of well components shall be submitted in the Well Completion/Well Abandonment reports and referenced to a benchmark which has been established by a surveyor licensed by the State.

For non-salt water Basal Wells - bottom elevation of well should not be deeper than 1/4 of aquifer thickness or, Bottom Elevation of Well Limit = Water Elevation - (Aquifer Thickness / 4)

Example: Estimated +2 ft. Water Level Elev. = Bottom Elevation of Well Limit = (2 - 1/4) = 1.5 ft.
** Twenty-five and 00/100 **

DOLLARS $25.00

TO THE ORDER OF
Department of Land & Natural Resources

Filing Fee

<table>
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<tr>
<th>DOCUMENT NO.</th>
<th>UAC OR ATTACHED WORKSHEET</th>
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<td>SRC/ OBJ</td>
<td>COST</td>
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<td>326 C</td>
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REMARKS:
LINE (1) PIP Appl. for Sea Life Park Well "A"
LINE (2)
LINE (3)
LINE (4)
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<td>BAUER, G.</td>
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<td>Approval</td>
<td>See Me</td>
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<td>CHING, F.</td>
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<td>NAKAMA, L.</td>
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<td>Signature</td>
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<td>NAKANO, D.</td>
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<td>Information</td>
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<td>YODA, K.</td>
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</table>

1) 25 fee? action letter. called 8/13/01 last message. 8/25 fee.
2) WVP 218 or 217 can be modified to include the new source
3) So new WVP # to be issued (check w/Column)
MEMORANDUM

TO: Linnel Nishioka, Deputy Director, Commission on Water Resource Management

FROM: Harry M. Yada, Acting Administrator, Land Division

SUBJECT: Request for Chairperson's signature – (1) 4-1-014:004 – pump installation

Please find attached the application for permit regarding the proposed work at Sea Life Park signed by the Chairperson for your necessary action.

From the tax map attached to the application, the proposed work is in (1) 4-1-014:004. The application form shows the tax map key to be (1) 4-1-014:013. Both parcels are owned by the State.

The proposed work is exempt from Chapter 343 requirement pursuant to §11-200-8 (a) (6) "Construction or placement of minor structures necessary to existing facilities".

If you have further questions, please have your staff contact Barry Cheung at [information redacted].
State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
APPLICATION FOR PERMIT

Instructions: Please fill in the diagram on the back of this form.

APPLICANT INFORMATION: (Fill out all three, if applicable, and place a check next to the primary contact)

1. (a) WELL OWNER:
   WELL: Sea Life Park Hawaii
   Mailing Address: [Blank]
   Contact Person: Wayne Nielsen
   Phone: [Blank]

2. (b) LANDOWNER:
   WELL: Dept. of Land & Natural Resources State of Hawaii
   Mailing Address: [Blank]
   Contact Person: Dean Uchida
   Phone: [Blank]

3. (c) CONTRACTOR:
   WELL: Mel's Water Works Hawaii, Inc.
   Mailing Address: [Blank]
   Contact Person: Melvin Lima
   Phone: [Blank]

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

2. WELL NAME:
   Address: Sea Life Park Well "A"
   Island: Oahu
   Tex Map Key: 4-1-014:013
   Zone: Sec Plat Parcel

3. PROPOSED WORK:
   (check all that apply)
   - Construct New Well
   - Install New Pump*
   - Modify Existing Well*
   - Modify Pump*
   - Abandon/Seal*

*State Well No. 1940-02 (if unknown, please call Commission at 587-0225)

4. CONSTRUCTION:
   Drilled
   Dug
   Shaft
   Tunnel
   Is this well part of a battery of wells? Yes
   No (Please describe)

5. PROPOSED PUMP INFORMATION:
   Rated Pump Capacity: 1500 gallons per minute
   Pump Type (check one):
   - Deep Well Turbine
   - Rotary
   - Submersible
   - Rotary-Displacement
   - Centrifugal
   - Rotary-Gear
   - Propeller
   - Impulse

6. PROPOSED USE:
   (check all that apply)
   Municipal (including hotels, stores, etc.)
   Domestic (individual, noncommercial water system)
   Industrial
   Irrigation (crop)
   Military
   No. of Acres: [Blank]
   Other (explain): Saltwater Supply

7. (a) PROPOSED AMOUNT OF WITHDRAWAL: 2,160,000 gallons per day
   (b) METHOD OF FLOW MEASUREMENT:
      - Flowmeter
      - Open-Pipe
      - Weir
      - Orifice
      - Other (explain)

OTHER INFORMATION:

8. LEGAL REQUIREMENTS:
   - CDOU
   - SMAP
   - EIS
   - EA
   - None
   - Other (explain)

9. REMARKS, EXPLANATIONS:
   Two wells are to be drilled to provide landscape irrigation. The wells will be approximately 800 feet apart.

I understand that approval of this application attaches the following standard conditions: 1) the proposed work is to be completed within two (2) years of the approval date; 2) the contractor shall submit to the Commission a well completion/abandonment report within 60 days after the completion date of the permitted work; 3) monthly water use data shall be submitted to the Commission; 4) such approval shall not constitute a determination of correlative water rights and shall not guarantee the pump capacity or future use up to the permitted pump capacity.

Well Owner: Sea Life Park Hawaii
Landowner: Dept. of Land & Natural Resources State of Hawaii
Contractor: Mel's Water Works Hawaii, Inc.
Signature: [Blank]
Date: 5-15-01

For Official Use Only
Latitude Aquifer System No.
Longitude State Well No.

WCPIPA FORM 10/25/00
10. PROPOSED WELL SECTION

(please attach schematic if different from diagram provided below)

Elevation at top of casing: Not Known
Hole Diameter: 26 in.

Minimum of 2' Radius & 4" Thick Concrete Pad (to contain benchmark surveyed to nearest 0.01 ft.)
Ground Elevation: +42 ft., mas*

Cement Grout: 16 ft.
(min. 70% of distance from ground elevation to top of water surface or 50 ft. whichever is less.)

Annular space between hole and casing (min.3")

Rock or Gravel Packing:
None
Material:
Q Crushed Basalt
Q Rounded Gravel

Total Depth
105 ft.

Total Depth
105 ft.

Solid Casing: (≥ 90% x (Ground Elev.-Water Level Elev.)
Total Length: 14 ft.
Nominal Diameter: 18 in.
Wall Thickness: Not Known in.
Bottom Elevation:+28 ft., mas*

Open Casing:
Q Perforated
Q Screen
Total Length: None
Nominal Diameter: None in.
Wall Thickness: None in.
Bottom Elevation: None ft., mas*

Example: Estimated + 2 ft. Water Level Elev. → Bottom Elevation of Well Limit = (Elevation + (2' x Water Elev. Elev.) x 2 - 0.01 ft.) = +18.5 ft.

* The approximate elevation must be referenced to mean sea level (msl) (check one): CL ASTM A409 (production wells)
Q ASTM A312 (monitor wells)
Q Other
ABS Plastic conforming to ASTM F480 and ASTM D1527: (check one): Q Schedule 40 Q Schedule 80
PVC Plastic conforming to ASTM F490 and (ASTM D1765 or ASTM D2241): (check one): Q Schedule 40 Q Schedule 60 Q Schedule 120
Thermoset Plastic: (check one)
Q Filament Wound Resin Pipe conforming to ASTM D2996
Q Centrifugally Cast Resin Pipe conforming to ASTM D2997
Q Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D3517
Q Glass Fiber Reinforced Resin Pressure Pipe conforming to AWWA C950
Q PTFE Fluorocarbon Tubing conforming to ASTM D3296
Q FEP Fluorocarbon Tubing conforming to ASTM D3296

Open Hole:
Length: 91 ft.
Diameter: 17 in.
Bottom Elevation: -63 ft., mas*

Solid Casing Material: Not Known; Well Constructed in 1963
Carbon Steel: compliant with (check one or more): Q ANSI/AWWA C200 Q API Spec. 5L Q ASTM A53 Q ASTM A139
And compliant with (check one or more): Q ASTM A312 Q Type E Q Type S Q Grade B Q Other
Stainless Steel: (check one):
Q ASTM A409 (production wells)
Q ASTM A312 (monitor wells)
ABS Plastic conforming to ASTM F480 and ASTM D1527: (check one): Q Schedule 40 Q Schedule 80
PVC Plastic conforming to ASTM F490 and (ASTM D1765 or ASTM D2241): (check one): Q Schedule 40 Q Schedule 60 Q Schedule 120
Thermoset Plastic: (check one)
Q Filament Wound Resin Pipe conforming to ASTM D2996
Q Centrifugally Cast Resin Pipe conforming to ASTM D2997
Q Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D3517
Q Glass Fiber Reinforced Resin Pressure Pipe conforming to AWWA C950
Q PTFE Fluorocarbon Tubing conforming to ASTM D3296
Q FEP Fluorocarbon Tubing conforming to ASTM D3296

Open Casing Material: No Perforated Casing
Carbon Steel: compliant with (check one or more): Q ANSI/AWWA C200 Q API Spec. 5L Q ASTM A53 Q ASTM A139
And compliant with (check one or more): Q ASTM A312 Q Type E Q Type S Q Grade B Q Other
Stainless Steel: (check one):
Q ASTM A409 (production wells)
Q ASTM A312 (monitor wells)
ABS Plastic conforming to ASTM F480 and ASTM D1527: (check one): Q Schedule 40 Q Schedule 80
PVC Plastic conforming to ASTM F490 and (ASTM D1765 or ASTM D2241): (check one): Q Schedule 40 Q Schedule 60 Q Schedule 120
Thermoset Plastic: (check one)
Q Filament Wound Resin Pipe conforming to ASTM D2996
Q Centrifugally Cast Resin Pipe conforming to ASTM D2997
Q Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D3517
Q Glass Fiber Reinforced Resin Pressure Pipe conforming to AWWA C950
Q PTFE Fluorocarbon Tubing conforming to ASTM D3296
Q FEP Fluorocarbon Tubing conforming to ASTM D3296

For non-salt water Basal Wells - bottom elevation of well should not be deeper than 1/4 of aquifer thickness or,
Bottom Elevation of Well Limit = (Water Elevation + (1/4 x Aquifer Thickness)) (production wells)

Example: Estimated + 2 ft. Water Level Elev. → Bottom Elevation of Well Limit = (2'-0.5 ft.) = +17.5 ft.

HAWAII WELL CONSTRUCTION AND
PUMP INSTALLATION STANDARDS
To ensure that your as-built is in compliance with applicable standards.

Minimum of 2' Radius & 4" Thick Concrete Pad (to contain benchmark surveyed to nearest 0.01 ft.)
Ground Elevation: +42 ft., mas*

Solid Casing: (≥ 90% x (Ground Elev.-Water Level Elev.)
Total Length: 14 ft.
Nominal Diameter: 18 in.
Wall Thickness: Not Known in.
Bottom Elevation:+28 ft., mas*

Open Casing:
Q Perforated
Q Screen
Total Length: None
Nominal Diameter: None in.
Wall Thickness: None in.
Bottom Elevation: None ft., mas*

Example: Estimated + 2 ft. Water Level Elev. → Bottom Elevation of Well Limit = (Elevation + (2' x Water Elev. Elev.) x 2 - 0.01 ft.) = +18.5 ft.

Solid Casing Material: Not Known; Well Constructed in 1963
Carbon Steel: compliant with (check one or more): Q ANSI/AWWA C200 Q API Spec. 5L Q ASTM A53 Q ASTM A139
And compliant with (check one or more): Q ASTM A312 Q Type E Q Type S Q Grade B Q Other
Stainless Steel: (check one):
Q ASTM A409 (production wells)
Q ASTM A312 (monitor wells)
ABS Plastic conforming to ASTM F480 and ASTM D1527: (check one): Q Schedule 40 Q Schedule 80
PVC Plastic conforming to ASTM F490 and (ASTM D1765 or ASTM D2241): (check one): Q Schedule 40 Q Schedule 60 Q Schedule 120
Thermoset Plastic: (check one)
Q Filament Wound Resin Pipe conforming to ASTM D2996
Q Centrifugally Cast Resin Pipe conforming to ASTM D2997
Q Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D3517
Q Glass Fiber Reinforced Resin Pressure Pipe conforming to AWWA C950
Q PTFE Fluorocarbon Tubing conforming to ASTM D3296
Q FEP Fluorocarbon Tubing conforming to ASTM D3296

Open Casing Material: No Perforated Casing
Carbon Steel: compliant with (check one or more): Q ANSI/AWWA C200 Q API Spec. 5L Q ASTM A53 Q ASTM A139
And compliant with (check one or more): Q ASTM A312 Q Type E Q Type S Q Grade B Q Other
Stainless Steel: (check one):
Q ASTM A409 (production wells)
Q ASTM A312 (monitor wells)
ABS Plastic conforming to ASTM F480 and ASTM D1527: (check one): Q Schedule 40 Q Schedule 80
PVC Plastic conforming to ASTM F490 and (ASTM D1765 or ASTM D2241): (check one): Q Schedule 40 Q Schedule 60 Q Schedule 120
Thermoset Plastic: (check one)
Q Filament Wound Resin Pipe conforming to ASTM D2996
Q Centrifugally Cast Resin Pipe conforming to ASTM D2997
Q Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D3517
Q Glass Fiber Reinforced Resin Pressure Pipe conforming to AWWA C950
Q PTFE Fluorocarbon Tubing conforming to ASTM D3296
Q FEP Fluorocarbon Tubing conforming to ASTM D3296
State of Hawaii  
COMMISSION ON WATER RESOURCE MANAGEMENT  
Department of Land and Natural Resources  
APPLICATION FOR PERMIT  

Instructions: Please print in ink or typewriter and send completed application with attachments to the Commission on Water Resource Management. Application must be accompanied by 3 copies and a non-refundable filing fee of $25.00 payable to the Dept. of Land and Natural Resources. The Commission may not accept incomplete applications. For assistance, call the Regulation Branch at 587-0225.

For further information and updates to this application form, visit http://www.state.hi.us/molnrr.

APPLICANT INFORMATION: (Fill out all three, if applicable, and place a check next to the primary contact)

1. (a) WELL OWNER: Sea Life Park Hawaii  
   Mailing Address:  
   Contact Person: Wayne Nielsen  
   Phone:  
   E-mail:  

(b) LAND OWNER:  
   Dept. of Land & Natural Resources  
   State of Hawaii  
   Mailing Address:  
   Contact Person: Dean Lichts  
   Phone:  
   E-mail:  

(c) CONTRACTOR: Mele's Water Works Hawaii, Inc.  
   Mailing Address:  
   Contact Person:  
   E-mail:  
   License No. (circle one): C-57, C-57a, or A  

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

2. WELL NAME: Sea Life Park Well "A"  
   Address: 41-202 Kaliuanaioa Highway - Waianae, Hawaii  
   Island: Oahu  
   Tax Map Key 4 - 1 - 1014 : 101  
   Zone Sec Plat Parcel  
   Attach the relevant portion of (a) a 7.5-Minute Series USGS topographic map [scale 1:24,000] and include the name of the quad map, and (b) a property tax map, showing well location referenced to established property boundaries.

3. PROPOSED WORK: (check all that apply)  
   Construct New Well  
   Install New Pump*  
   Modify Existing Well*  
   Modify Pump*  
   Abandon/Seal*  

*State Well No. 1940-02 (if unknown, please call Commission at 587-0225)

4. CONSTRUCTION: Drilled  
   Dug  
   Shaft  
   Tunnel  
   Is this well part of a battery of wells? Yes  
   No (Please describe)  

5. PROPOSED PUMP INFORMATION: Rated Pump Capacity: 1500 gallons per minute  

   Pump Type (check one):  
   Deep Well Turbine  
   Rotary  
   Submersible  
   Rotary-Displacement  
   Centrifugal  
   Rotary-Gear  
   Propeller  
   Reciprocating  
   Impulse  

6. PROPOSED USE: (check all that apply)  
   Municipal (including hotels, stores, etc.)  
   Domestic (individual, noncommercial water system)  
   Industrial  
   Irrigation (crop)  
   No. of Acres:  
   No. of service connections:  
   Military  
   Other (explain): Saltwater Supply  

7. (a) PROPOSED AMOUNT OF WITHDRAWAL: 2,160,000 gallons per day  
   (b) METHOD OF FLOW MEASUREMENT: Flowmeter  

OTHER IMPORTANT INFORMATION:

8. LEGAL REQUIREMENTS:  
   Coup  
   SMAP  
   ES  
   EA  
   None  
   Other (explain)  

9. REMARKS, EXPLANATIONS: Two wells are to be drilled to provide landscape irrigation. The wells will be approximately 800 feet apart.

I understand that approval of this application attaches the following standard conditions: 1) the proposed work is to be completed within two (2) years of the approval date; 2) the contractor shall submit to the Commission a well completion/abandonment report within 60 days after the completion date of the permitted work; 3) monthly water use data shall be submitted to the Commission; 4) such approval shall not constitute a determination of correlative water rights and shall not guarantee the pump capacity or future use up to the permitted pump capacity.

Well Owner: Sea Life Park Hawaii  
Signature:  
Date:  
Landowner:  
Signature:  
Date:  
Contractor: Mele's Water Works Hawaii, Inc.  
Signature:  
Date:  

For Official Use Only  
Latitude:  
Aquifer System No.:  
Longitude:  
State Well No.:  

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

Solid Casing Material: Not Known; Well Constructed in 1963
Carbon Steel: compliant with (check one or more): ANSI/AWWA C200 0 API Spec. 5L 0 ASTM A53 0 ASTM A139
Stainless Steel: (check one): ASTM A242 0 Type E 0 Type S 0 Grade B 0 Other
ABS Plastic conforming to ASTM F460 and ASTM D1537: (check one): Schedule 40 0 Schedule 80 0 Schedule 120
PVC Plastic conforming to ASTM F490 and ASTM D1785 or ASTM D2241: (check one): Schedule 40 0 Schedule 80 0 Schedule 120
Thermoset Plastic: (check one): Filament Wound Resin Pipe conforming to ASTM D2996
Centrífugally Cast Resin Pipe conforming to ASTM D2997
Reinforced Plastic Motor Pressure Pipe conforming to ASTM D3517
Glass Fiber Reinforced Resin Pressure Pipe conforming to AWWA C960
PTFE Fluorocarbon Tubing conforming to ASTM D2986
FEP Fluorocarbon Tubing conforming to ASTM D3296

Open Casing Material: No Perforated Casing
Carbon Steel: compliant with (check one or more): ANSI/AWWA C200 0 API Spec. 5L 0 ASTM A53 0 ASTM A139
Stainless Steel: (check one): ASTM A242 0 Type E 0 Type S 0 Grade B 0 Other
ABS Plastic conforming to ASTM F460 and ASTM D1537: (check one): Schedule 40 0 Schedule 80 0 Schedule 120
PVC Plastic conforming to ASTM F490 and ASTM D1785 or ASTM D2241: (check one): Schedule 40 0 Schedule 80 0 Schedule 120
Thermoset Plastic: (check one): Filament Wound Resin Pipe conforming to ASTM D2996
Centrífugally Cast Resin Pipe conforming to ASTM D2997
Reinforced Plastic Motor Pressure Pipe conforming to ASTM D3517
Glass Fiber Reinforced Resin Pressure Pipe conforming to AWWA C960
PTFE Fluorocarbon Tubing conforming to ASTM D2986
FEP Fluorocarbon Tubing conforming to ASTM D3296

* The approximate elevation must be referenced to mean sea level (msl) at the time of application filing. Final elevations of well components shall be submitted in the Well Completion/Well Abandonment reports and referenced to a benchmark which has been established by a surveyor licensed by the State.

For non-salt water Basal Wells - bottom elevation of well should not be deeper than 1/4 of aquifer thickness or, Bottom Elevation of Well Limit = (Water Elevation - 1/4 X Water Level Elev.)
Example: Estimated +2 ft. Water Level Elev. ➞ Bottom Elevation of Well Limit = (2 + 1/4 X 2) = 1.5 ft.

Solid Casing: 30% x (Ground Elev. - Water Level Elev.)
Total Length: 14 ft.
Wall Thickness: Not Known in.
Bottom Elevation: +28 ft., ml*

Open Casing: 0 Perforated 0 Screen
Total Length: __ in.
Nominal Diameter: __ in.
Wall Thickness: __ in.
Bottom Elevation: __ in.

note: Neither bentonite nor mud should be used in saturated zone during drilling.

Please refer to the HAWAII WELL CONSTRUCTION AND PUMP INSTALLATION STANDARDS to ensure that your re-built is in compliance with applicable standards.
State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources
APPLICATION FOR PERMIT

Instructions: Please print in ink or typewritten language. All application must be accompanied by copies and a non-refundable filing fee of $25.00 payable to the Dept. of Land and Natural Resources. The Commission may not accept incomplete applications. For assistance, call the Regulation Branch at 587-0225.

For further information and updates to this application form, visit http://www.state.hi.us/dlnr/cwrm.

APPLICANT INFORMATION: (Fill out all three, if applicable, and place a check next to the primary contact)

1. (a) WELL OWNER: Sea Life Park Hawaii
   Contact Person: Wayne Nielsen
   Phone:
   E-mail:
   Mailing Address: _______________________________________________________________________

(b) LAND OWNER: State of Hawaii
   Contact Person: Dean Uchida
   Phone:
   E-mail:
   Mailing Address: _______________________________________________________________________

(c) CONTRACTOR: Mel's Water Works Hawaii, Inc.
   Contact Person: Melvin Lima
   Phone:
   E-mail:
   Mailing Address: _______________________________________________________________________

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

2. WELL NAME: Sea Life Park Well "A"
   Address: ____________________________________________________________________________
   Island: Oahu
   Tax Map Key: A - 1 - 014 : 013
   Zone: Sec: Plat: Parcel: ___________________________________________________________________
   Attach the relevant portion of (a) a 7.5-Minute Series USGS topographic map [scale 1:24,000] and include the name of the quad map, and (b) a property tax map, showing well location referenced to established property boundaries.

3. PROPOSED WORK: (check all that apply)
   - Construct New Well
   - Install New Pump*
   - Modify Existing Well*
   - Modify Pump*
   - Abandon/Seal*

   *State Well No. 1940-02 (if unknown, please call Commission at 587-0225)

4. CONSTRUCTION: Drilled Dug Shaft Tunnel Is this well part of a battery of wells?
   - Yes
   - No (Please describe)

5. PROPOSED PUMP INFORMATION: Rated Pump Capacity: 1500 gallons per minute
   Pump Type (check one):
   - Deep Well Turbine
   - Rotary
   - Submersible
   - Centrifugal
   - Rotary-Displacement
   - Rotary-Gear
   - Impulse

6. PROPOSED USE: (check all that apply)
   - Municipal (including hotels, stores, etc.)
   - Domestic (individual, noncommercial water system)
   - Irrigation (crop)
   - Industrial
   - Military
   - Other (explain): Seasonal Supply

   Does this well serve 25 or more people at least 60 days per year or have 15 or more service connections?
   - Yes
   - No

   No. of Acres: ______________________
   Other (explain): ______________________

7. (a) PROPOSED AMOUNT OF WITHDRAWAL: 2,100,000 gallons per day
   (b) METHOD OF FLOW MEASUREMENT: Flowmeter Open-Pipe Weir Orifice Other (explain)

8. LEGAL REQUIREMENTS: Coup SMAP EIS EA None Other (explain)

9. REMARKS, EXPLANATIONS: Two wells are to be drilled to provide landscape irrigation. The wells will be approximately 800 feet apart.

I understand that approval of this application attaches the following standard conditions: 1) the proposed work is to be completed within two (2) years of the approval date; 2) the contractor shall submit to the Commission a well completion/abandonment report within 60 days after the completion date of the permitted work; 3) monthly water use data shall be submitted to the Commission; 4) such approval shall not constitute a determination of correlative water rights and shall not guarantee the pump capacity or future use up to the permitted pump capacity.

Well Owner: Sea Life Park Hawaii
Signature: ____________________________
Date: 6/15/01
Landowner: State of Hawaii
Signature: ____________________________
Date: ____________________________
Contractor: Mel's Water Works Hawaii, Inc.
Signature: ____________________________
Date: 5-9-01

For Official Use Only
Latitude ____________________________
Aquifer System No. ____________________________
Longitude ____________________________
State Well No. ____________________________
10. PROPOSED WELL SECTION (Please attach schematic if different from diagram provided below)

Elevation of top of casing: ______ ft., masl

Hole Diameter: 26 in.

Minimum of 2' Radius & 4" Thick Concrete Pad (to contain benchmark surveyed to nearest 0.01 ft.)

Ground Elevation: 42 ft., masl

Cement Grout: 14 ft. (min. 70% of distance from ground elevation to top of water surface or 500 ft., whichever is less.)

Annular space between hole and casing (min.3):

3 in.

Rock or Gravel Packing:

None ft.

Material:
- Crushed Basalt
- Rounded Gravel

Estimated Water Level Elevation:

0.4 ft. masl

(Tidal)

Total Depth: 105 ft.

Solid Casing: 2. 90% x (Ground Elev.-Water Level Elevation)

Total Length: 14 ft.

Nominal Diameter: 18 in.

Wall Thickness: Not Known in.

Bottom Elevation: +28 ft., masl

Open Casing:

- Perforated
- Screen

Total Length: None ft.

Nominal Diameter: None ft.

Wall Thickness: None in.

Bottom Elevation: None ft., masl

note: Neither bentonite nor mud should be used in saturated zone during drilling

Open Hole:

Length: 91 ft.

Diameter: 17 in.

Bottom Elevation: -63 ft., masl

* The approximate elevation must be referenced to mean sea level (msl) at the time of application filing. Final elevations of well components shall be submitted in the Well Completion/Well Abandonment reports and referenced to a benchmark which has been established by a surveyor licensed by the State.

For non-salt water Basal Wells - bottom elevation of well should not be deeper than 1/4 of aquifer thickness or, Bottom Elevation of Well Limit = (Water Elevation - 41 x Water Level Elevation )

Example: Estimated +2 ft. Water Level Elev. \( \rightarrow \) Bottom Elevation of Well Limit = (2 \* 41) \( \rightarrow \) 935 ft.

Solid Casing Material: Not Known; Well Constructed in 1963

Carbon Steel: compliant with (check one or more) ANSI/AWWA C200 \( \Box \) API Spec. 5L \( \Box \) ASTM A53 \( \Box \) ASTM A139

And compliant with (check one or more):
- ASTM A242 \( \Box \) Type E \( \Box \) Type S \( \Box \) Grade B \( \Box \) Other

Stainless Steel: (check one):
- ASTM A409 (production wells) \( \Box \) ASTM A512 (monitor wells)

ABS Plastic conforming to ASTM F480 and ASTM D1527: (check one) \( \Box \) Schedule 40 \( \Box \) Schedule 80

PVC Plastic conforming to ASTM F480 and (ASTM D1785 or ASTM D2241): (check one): \( \Box \) Schedule 40 \( \Box \) Schedule 80 \( \Box \) Schedule 120

Thermoset Plastic: (check one):
- Filament Wound Resin Pipe conforming to ASTM D2996
- Centrifugally Cast Resin Pipe conforming to ASTM D2997
- Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D3517
- Glass Fiber Reinforced Resin Pressure Pipe conforming to AWWA C950
- PTFE Fluorocarbon Tubing conforming to ASTM D3266
- FEP Fluorocarbon Tubing conforming to ASTM D3266

Open Casing Material: No Perforated Casing

Carbon Steel: compliant with (check one or more) ANSI/AWWA C200 \( \Box \) API Spec. 5L \( \Box \) ASTM A53 \( \Box \) ASTM A139

And compliant with (check one or more):
- ASTM A242 \( \Box \) Type E \( \Box \) Type S \( \Box \) Grade B \( \Box \) Other

Stainless Steel: (check one):
- ASTM A409 (production wells) \( \Box \) ASTM A512 (monitor wells)

ABS Plastic conforming to ASTM F480 and ASTM D1527: (check one) \( \Box \) Schedule 40 \( \Box \) Schedule 80

PVC Plastic conforming to ASTM F480 and (ASTM D1785 or ASTM D2241): (check one): \( \Box \) Schedule 40 \( \Box \) Schedule 80 \( \Box \) Schedule 120

Thermoset Plastic: (check one):
- Filament Wound Resin Pipe conforming to ASTM D2996
- Centrifugally Cast Resin Pipe conforming to ASTM D2997
- Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D3517
- Glass Fiber Reinforced Resin Pressure Pipe conforming to AWWA C950
- PTFE Fluorocarbon Tubing conforming to ASTM D3266
- FEP Fluorocarbon Tubing conforming to ASTM D3266

Rock or Gravel Packing:

None ft.

Material:
- Crushed Basalt
- Rounded Gravel

Estimated Water Level Elevation:

0.4 ft. masl

(Tidal)

Total Depth: 105 ft.

Casing Material: Not Known; We 11 Constructed in 1963

Casing Material: No Perforated Casing

Solid Casing Material: Not Known; Well Constructed in 1963

Carbon Steel: compliant with (check one or more) ANSI/AWWA C200 \( \Box \) API Spec. 5L \( \Box \) ASTM A53 \( \Box \) ASTM A139

And compliant with (check one or more):
- ASTM A242 \( \Box \) Type E \( \Box \) Type S \( \Box \) Grade B \( \Box \) Other

Stainless Steel: (check one):
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ABS Plastic conforming to ASTM F480 and ASTM D1527: (check one) \( \Box \) Schedule 40 \( \Box \) Schedule 80

PVC Plastic conforming to ASTM F480 and (ASTM D1785 or ASTM D2241): (check one): \( \Box \) Schedule 40 \( \Box \) Schedule 80 \( \Box \) Schedule 120

Thermoset Plastic: (check one):
- Filament Wound Resin Pipe conforming to ASTM D2996
- Centrifugally Cast Resin Pipe conforming to ASTM D2997
- Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D3517
- Glass Fiber Reinforced Resin Pressure Pipe conforming to AWWA C950
- PTFE Fluorocarbon Tubing conforming to ASTM D3266
- FEP Fluorocarbon Tubing conforming to ASTM D3266

Open Casing Material: No Perforated Casing

Carbon Steel: compliant with (check one or more) ANSI/AWWA C200 \( \Box \) API Spec. 5L \( \Box \) ASTM A53 \( \Box \) ASTM A139

And compliant with (check one or more):
- ASTM A242 \( \Box \) Type E \( \Box \) Type S \( \Box \) Grade B \( \Box \) Other

Stainless Steel: (check one):
- ASTM A409 (production wells) \( \Box \) ASTM A512 (monitor wells)

ABS Plastic conforming to ASTM F480 and ASTM D1527: (check one) \( \Box \) Schedule 40 \( \Box \) Schedule 80

PVC Plastic conforming to ASTM F480 and (ASTM D1785 or ASTM D2241): (check one): \( \Box \) Schedule 40 \( \Box \) Schedule 80 \( \Box \) Schedule 120

Thermoset Plastic: (check one):
- Filament Wound Resin Pipe conforming to ASTM D2996
- Centrifugally Cast Resin Pipe conforming to ASTM D2997
- Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D3517
- Glass Fiber Reinforced Resin Pressure Pipe conforming to AWWA C950
- PTFE Fluorocarbon Tubing conforming to ASTM D3266
- FEP Fluorocarbon Tubing conforming to ASTM D3266

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APPLICATION FOR PERMIT

State of Hawaii
COMMISSION ON WATER RESOURCE MANAGEMENT
Department of Land and Natural Resources

For Official Use Only:

5-6-01
01-32
08

APPLICATION FOR PERMIT

o Well Construction and/or o Pump Installation

Instructions: Please print in ink of typewriter and send completed application with attachments to the Commission on Water Resource Management. Application must be accompanied by 3 copies and a non-refundable filing fee of $28.09 payable to the Dept. of Land and Natural Resources. The Commission may not accept incomplete applications. For assistance, call the Regulation Branch at 587-0225. For further information and updates to this application form, visit http://www.state.hawaii.gov/lnr.

APPLICANT INFORMATION: (Fill out all three, if applicable, and place a check next to the primary contact)

1. (a) WELL OWNER: Slila Lifil
   Mailing Address: [Redacted]
   Contact Person: Wayne Nielsen
   Phone: [Redacted]
   E-mail: [Redacted]
   Fax: [Redacted]

   (b) LAND OWNER: State of Hawaii
   Mailing Address: [Redacted]
   Contact Person: Dean Uchida
   Phone: [Redacted]
   E-mail: [Redacted]
   Fax: [Redacted]

   (c) CONTRACTOR: Mih’s Water Works Hawaii, Inc.
   Mailing Address: [Redacted]
   Contact Person: Melvin Lima
   Phone: [Redacted]
   E-mail: [Redacted]
   Fax: [Redacted]

   License No.: C-18254

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

2. WELL NAME: Sea Life Park Well “A”
   Island: Oahu
   Mailing Address: [Redacted]
   Tax Map Key: 4-1-014-013
   Zone: [Redacted]
   Sec: [Redacted]
   Plat: [Redacted]
   Parcel: [Redacted]

   Attach the relevant portion of (a) a 7.5-Minute Series USGS topographic map [scale 1:24,000] and include the name of the quad map, and (b) a property tax map, showing well location referenced to established property boundaries.

3. PROPOSED WORK:
   (check all that apply)
   o Construct New Well
   o Modify Existing Well
   o Install New Pump
   o Modify Pump
   o Abandon/Seal

   State Well No. 1940-02 (if unknown, please call Commission at 587-0225)

4. CONSTRUCTION:
   o Drilled
   o Dug
   o Shaft
   o Tunnel

   Is this well part of a battery of wells?
   o Yes
   o No (Please describe)

5. PROPOSED PUMP INFORMATION:
   Rated Pump Capacity: 1500 gallons per minute

   Pump Type (check one):
   o Deep Well Turbine
   o Rotary
   o Submersible
   o Reciprocating
   o Centrifugal
   o Impulse
   o Rotary-Displacement
   o Rotary-Gear

6. PROPOSED USE:
   (check all that apply)
   o Municipal (including hotels, stores, etc.)
   o Industrial
   o Domestic (individual, noncommercial water system)
   o Other (explain): Saltwater Supply

   Does this well serve 25 or more people at least 60 days per year or have 15 or more service connections?
   o Yes
   o No

   o Irrigation (crop)
   o No. of Acres:
   o Military
   o Other (explain):

7. (a) PROPOSED AMOUNT OF WITHDRAWAL: 2,160,000 gallons per day
   (b) METHOD OF FLOW MEASUREMENT:
   o Flowmeter
   o Open-Pipe
   o Weir
   o Orifice
   o Other (explain)

OTHER IMPORTANT INFORMATION:

8. LEGAL REQUIREMENTS:
   o CDUP
   o CMP
   o ES
   o EA
   o None
   o Other (explain)

9. REMARKS, EXPLANATIONS:
   Two wells are to be drilled to provide landscape irrigation. The wells will be approximately 800 feet apart.

I understand that approval of this application attaches the following standard conditions: 1) the proposed work is to be completed within 2 years of the approval date; 2) the contractor shall submit to the Commission a well completion/abandonment report within 60 days after the completion date of the permitted work; 3) monthly water use data shall be submitted to the Commission; 4) such approval shall not constitute a determination of correlative water rights and shall not guarantee the pump capacity or future use up to the permitted pump capacity.

Well Owner: Slila Lifil
Landowner: State of Hawaii
Contractor: Mih’s Water Works Hawaii, Inc.

Signature: [Signature]
Date: 9-15-01

For Official Use Only
Latitude: [Redacted]
Longitude: [Redacted]
Aquifer System No.: [Redacted]
State Well No.: [Redacted]
10. PROPOSED WELL SECTION

(Please attach schematic if different from diagram provided below)

Solid Casing: [C 900 x (Ground Elev.-Water Level Elev.)]
Total Length: __________ ft.
Nominal Diameter: _______ in.
Wall Thickness: ________ in.
Bottom Elevation: +28 ft., msl*   

Open Casing: Q Perfosed Q Screen
Total Length: ________ ft.
Nominal Diameter: _______ in.
Wall Thickness: ________ in.
Bottom Elevation: ________ ft., msl*   

Note: Neither bentonite nor mud should be used in saturated zone during drilling

Solid Casing Material: Not Known; Well Constructed in 1963
Carbon Steel: compliant with (check one or more): ○ ANSI/AWWA C200 ○ API Spec. 5L ○ ASTM A53 ○ ASTM A139
And compliant with (check one or more): ○ ASTM A242 ○ Type E ○ Type S ○ Grade B ○ Other
Stainless Steel: (check one): ○ ASTM A409 (production welds) ○ ASTM A312 (monitor wells)
ABS Plastic conforming to ASTM F490 and ASTM D1527: (check one): ○ Schedule 40 ○ Schedule 80
PVC Plastic conforming to ASTM F490 and (ASTM D1785 or ASTM D2241): (check one): ○ Schedule 40 ○ Schedule 80 ○ Schedule 120
Thermoset Plastic: (check one): ○ Filament Wound Reinforced Pipe conforming to ASTM D2996 ○ Centrifugally Cast Reinforced Pipe conforming to ASTM D2997 ○ Reinforced Plastic Mortar Pressure Pipe conforming to ASTM D3517 ○ Glass Fiber Reinforced Resin Pressure Pipe conforming to AWWA C950 ○ PTFE Fluorocarbon Tubing conforming to ASTM D3296 ○ FEP Fluorocarbon Tubing conforming to ASTM D3296

Open Casing Material: No Perforated Casing
Carbon Steel: compliant with (check one or more): ○ ANSI/WWA C200 ○ API Spec. 5L ○ ASTM A53 ○ ASTM A139
And compliant with (check one or more): ○ ASTM A242 ○ Type E ○ Type S ○ Grade B ○ Other
Stainless Steel: (check one): ○ ASTM A409 (production welds) ○ ASTM A312 (monitor wells)
ABS Plastic conforming to ASTM F490 and ASTM D1527: (check one): ○ Schedule 40 ○ Schedule 80
PVC Plastic conforming to ASTM F490 and (ASTM D1785 or ASTM D2241): (check one): ○ Schedule 40 ○ Schedule 80 ○ Schedule 120
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For non-salt water Basal Wells - bottom elevation of well should not be deeper than 1/4 of aquifer thickness or, Bottom Elevation of Well Limit = (Water Elevation - 41 ft. Water Level Elev.)
Example: Estimated + 2 ft. Water Level Elev. - (2 + 41 ft.) = -18.5 ft.

Solid Casing Material: Not Known; Well Constructed in 1963
Carbon Steel: compliant with (check one or more): ○ ANSI/WWA C200 ○ API Spec. 5L ○ ASTM A53 ○ ASTM A139
And compliant with (check one or more): ○ ASTM A242 ○ Type E ○ Type S ○ Grade B ○ Other
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Open Casing Material: No Perforated Casing
Carbon Steel: compliant with (check one or more): ○ ANSI/WWA C200 ○ API Spec. 5L ○ ASTM A53 ○ ASTM A139
And compliant with (check one or more): ○ ASTM A242 ○ Type E ○ Type S ○ Grade B ○ Other
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* The approximate elevation must be referenced to mean sea level (msl) at the time of application filing. Final elevations of well components shall be submitted in the Well Completion/Well Abandonment reports and referenced to a benchmark which has been established by a surveyor licensed by the State.

For non-salt water Basal Wells - bottom elevation of well should not be deeper than 1/4 of aquifer thickness or, Bottom Elevation of Well Limit = (Water Elevation - 41 ft. Water Level Elev.)
Example: Estimated + 2 ft. Water Level Elev. - (2 + 41 ft.) = -18.5 ft.

Solid Casing Material: Not Known; Well Constructed in 1963
Carbon Steel: compliant with (check one or more): ○ ANSI/WWA C200 ○ API Spec. 5L ○ ASTM A53 ○ ASTM A139
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Open Casing Material: No Perforated Casing
Carbon Steel: compliant with (check one or more): ○ ANSI/WWA C200 ○ API Spec. 5L ○ ASTM A53 ○ ASTM A139
And compliant with (check one or more): ○ ASTM A242 ○ Type E ○ Type S ○ Grade B ○ Other
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* The approximate elevation must be referenced to mean sea level (msl) at the time of application filing. Final elevations of well components shall be submitted in the Well Completion/Well Abandonment reports and referenced to a benchmark which has been established by a surveyor licensed by the State.

For non-salt water Basal Wells - bottom elevation of well should not be deeper than 1/4 of aquifer thickness or, Bottom Elevation of Well Limit = (Water Elevation - 41 ft. Water Level Elev.)
Example: Estimated + 2 ft. Water Level Elev. - (2 + 41 ft.) = -18.5 ft.
The Honorable William W. Paty, Chairperson
Commission on Water Resource Management
Department of Land and Natural Resources

Dear Mr. Paty:

Well Construction and Pump Installation Applications

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

- Palani-Lanihau (4158-01) Well and Pump
- Huehue Ranch "1" (4559-01) Pump
- "2" (4459-01) "
- "3" (4558-01) "
- "4" (4459-02) Well and Pump
- Kukio Resort Irr "1" (4759-01) Pump
- "2" (4759-02) "
- "3" (4759-03) Well and Pump
- Makapuu-Sea Life park (4160-11) Pump
- Kawela-Salvido/Harper (0356-04) Well and Pump

These projects are not expected to impact Hawaiian Home Lands; we have no comment at this time.

Warmest aloha,

Hoaliku L. Drake, Chairman
Hawaiian Homes Commission

HLD:DCY:CI
FIELD MEMORANDUM

DECLARANT (File Reference) Assoc FOUR DATE 7/12/90
PRESENT Steve Kaiser for Sea Life Park; Darryl Fernandes; Anne Okamura
LOCATION Sea Life Park, Waimanalo TMK 4-1-14-13 (location of use
and Well "A") 4-1-14-5 (location of wells #1:

SOURCE(S) 3 pumped saltwater wells and one standby saltwater
well with broken pump Well #7 1987-01 Well #8 1940-11

USE(S) saltwater supply to park exhibits, training tanks

FIELD NOTES Field job lasted from 10:30 a.m. to 11 a.m. Weather was sunny
with scattered clouds. A standby saltwater well was found right
outside the Sea Life Park business office. This well has not been in
use for at least 15 years. Across the highway, there are three
active saltwater wells on the beach. All three are enclosed in
rock shelters. Well #3 is located on the left of the beach
driveway. This well has a 3000 gpm, 75 HP pump (declaration
says 75). This water is used by both Sea Life Park (for training
tanks) and Oceanic Institute. Pump is made of stainless steel and
must be replaced approximately every three years due to
electrolytic corrosion. Wells #1 & #2 are further down towards the
right. While facing the ocean, well #2 is on the left and well #1 is
on the right. Both wells have 75 HP pumps with rated capacities of
3000 gpm. These pumps are replaced every one to two years.
Within the last year, well #1 had been measured to pump at a rate
of 2000-3000 gpm, and well #2 at a rate of 1900-2000 gpm.
Sea Life Park plans to replace the pump on well #1 with a
100 HP, 3000 gpm pump. Water from these wells are transported
across the street and into exhibit tanks through a single
line.

page 1 of 1
FIELD INSPECTION INFORMATION CHECKLIST (Ver 7/27/90)

PART I: USE OF WATER

Declarant’s File Reference: [A0000] FOUR

1. Tax Map Key where the water is used: N/A

   Does the declarant own this land? N/A
   If not, who does? N/A

2. What is the water used for? Standby well only: supply tanks

   If for irrigation, how many acres are being irrigated by crop type? N/A

   If for drinking, at how many houses? N/A
   by how many people? N/A

3. Is the quantity of water use being measured? N/A

   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: 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 #: well 1840-02

Name: Makapuu Well "A"

1. Where does the water come from? what kind of source is this? Drilled saltwater

   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? Not operable: no pump

   What is the capacity for taking (gpm)? N/A

   How often is it taken (used)? N/A

3. Tax Map Key at the source: 4 - 1 - 14: 13

   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? Unsure
   If not, who does? Probably State
   3) Use the water from this source? No
   If not, who does? No one
   4) Own the land where the water is being used? Unsure

4. Does any one 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: Darryl Fernandez & Anne Okamura DATE: July 12, 1990
FIELD INSPECTION INFORMATION CHECKLIST  
(Ver 7/27/90)

PART I: USE OF WATER

Declarant's File Reference: A000C FOUR

1. Tax Map Key where the water is used: 4 - 1 - 14 - 13. Does the declarant own this land? Unknown. If not, who does? Possibly State of Hawaii

2. What is the water used for? Saltwater supply for park exhibit. If for irrigation, how many acres are being irrigated by crop type? N/A

   If for drinking, at how many houses? N/A by how many people? N/A

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. Differential pressure meter on well pipes

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 #: WELL 1939-01 Name: Makapuu WELL #

1. Where does the water come from / what kind of source is this? Drilled saltwater 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)

   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? 75 HP electric vertical shaft pump

   What is the capacity for taking (gpm)? rated 3000 gpm, measured 2000-2200 gpm

   How often is it taken (used)? Continuously

2. Tax Map Key at the source: 4 - 1 - 14 - 5. 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? No. If not, who does? City and County of Honolulu

   3) Use the water from this source? Yes. If not, who does? N/A

   4) Own the land where the water is being used? Unknown

3. Does any one 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: Darryl Fernandez - Anne Okamura  DATE: July 12, 1990
FIELD INSPECTION INFORMATION CHECKLIST  
(Ver 7/27/90)

PART I: USE OF WATER  
Declarant’s File Reference: A5000 FOUR

1. Tax Map Key where the water is used: 4 - 1 - 14: 13. Does the declarant own this land? IF NOT, WHO DOES? Probably State of Hawaii

2. What is the water used for? Saltwater supply for park exhibito @ Sea Life Park
   If for irrigation, how many acres are being irrigated by crop type? N/A
   If for drinking, at how many houses? N/A by how many people? N/A

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. Differential pressure meter on pipe or well

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 #: Wdll 139-02 Name: Makapuu Well #2

1. Where does the water come from / what kind of source is this? Drilled saltwater
   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? 75 HP electric vertical shaft pump
   What is the capacity for taking (gpm)? rated 5000 gpm, measured 1900-2000 gpm
   How often is it taken (used)? Continuously

3. Tax Map Key at the source: 4 - 1 - 14: 5. 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? NO. If not, who does? City & County of Honolulu
   3) Use the water from this source? YES. If not, who does? N/A
   4) Own the land where the water is being used? UNKOWN

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: Darryl Fernandez  Anne Okamura DATE: July 12, 1990
FIELD INSPECTION INFORMATION CHECKLIST  
(Ver 7/27/90)

PART I: USE OF WATER  Declarant’s File Reference: ASSOC FOUR

1. Tax Map Key where the water is used: 4 - 1 - 14 : 4. Does the declarant own this land?  
   Answer: Yes. If not, who does?  
   Answer: Probably State of Hawaii  

2. What is the water used for?  
   Saltwater supply for training tanks @ Sea Life Park  
   If for irrigation, how many acres are being irrigated by crop type?  N/A  
   If for drinking, at how many houses?  N/A  by how many people?  N/A  

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 - under design  

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 #: W4LL 1940-11  Name: Makapuu Well #3

1. Where does the water come from / what kind of source is this?  
   Drilled saltwater  
   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?  
   15 HP electric, vertical shaft pump  
   What is the capacity for taking (gpm)?  
   3000 gpm  
   How often is it taken (used)?  
   Continuously  

3. Tax Map Key at the source: 4 - 1 - 14 : 5. 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?  No. 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?  

4. Does anyone else also use water from this source?  Yes.  
   If yes, is their use included in this user’s declaration?  No.  
   Who are the other users? Did they file?  
   Oceanic Institute filed - 350 gpm use

VERIFIED BY: Darryl Fernandez  Anne Okamura  DATE: July 12, 1990
STATE OF HAWAII
COMMISSION ON WATER RESOURCE MANAGEMENT
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER RESOURCE MANAGEMENT

REGISTRATION OF WELL
AND
DECLARATION OF WATER USE

INSTRUCTIONS: Please type or print. If information is not available or not applicable, indicate as N/A. Fill out as completely as possible, sign, and file form with the Division of Water Resource Management, or call 943-8824 for assistance.

BATTERY OF WELLS: For a battery of wells, on the surface, in a tunnel, or in a shaft, submit a registration form for each well together with a single map or plot plan showing layout of wells.

STATE WELL NO.: 1939-01
WELL NAME OR DESIGNATION: Well No. 1
ISLAND: Oahu
SOURCE OR STATION NAME (For a battery of wells): N/A

A. WELL OPERATOR
Firm name: Sea Life Park
Contact person: Robert L. Moore

B. OWNER OF WELL SITE
Firm name: Associates Four
Contact person: Charles J. Pietsch III

C. WELL LOCATION
Tax Map Key: 4-1-14:13 Town, Place, District: Makapuu, Waimanalo, Koolauapoko
Attach USGS "Quad" map (scale 1:24,000), tax map, or other map showing the well location.

D. WELL DATA
For Drilled Wells, submit "as-built" drawing, driller's log, and pump test results, and complete items below.
For Tunnels and Shafts, submit construction drawings, plot plan, or sketch map.

Ground elevation (Mean sea level): __ ft.
Reference point (Used to measure depth to water):
Elevation: N/A ft.
Description: N/A

Depth to water (Below reference point): N/A ft.
Maximum recorded chloride: Salt Water ppm
Minimum recorded chloride: Salt Water ppm
Maximum chloride in 1987: Salt Water ppm

E. INSTALLED PUMP DATA
Pump type: [□] Vertical shaft [□] Submersible [□] Centrifugal [□] Other (specify):
Power: [□] Diesel, ___ HP [□] Gas, ___ HP [□] Electric, ___ HP [□] Other (specify):
Pump capacity: 3000 gallons per minute
Pump installation contractor: Water Resources Ltd.

For Official Use Only:
Date received: __ Date accepted: ___
Field checked by: [□] Date: 7/22/39 Latitude: 21° 49' 11" Hydrologic Unit: ___
Comments: ____________

References: Hawaii Revised Statutes, Chapter 176C.
Hawaii Administrative Rules, Chapters 13-167 to 13-171.
F. DECLARATION OF WATER USE

NOTE: The purpose of the Declaration of Water Use is to obtain information necessary for the management of the State's water resources. The Declaration does not confer a legal right to water or its use.

Water use data are recorded: □ Daily □ Weekly □ Monthly □ Other (Describe): To be established - monthly

Method of measurement: □ Flow Meter □ Orifice □ Other (Describe): Differential Pressure Meter

Quantity of Use (Report metered or estimated monthly water use from the well described on the reverse side of this form, for the calendar years 1983 through 1987. For a battery of wells which are not individually metered, but which are connected to a single meter or other measuring device, report total use from the battery.):

WATER USE, IN GALLONS x 1000

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</tbody>
</table>

Minimum day's use: N/A gallons Maximum day's use: N/A gallons

Typical times of usage: Continuous (24 hrs)

Type of Use (Check all category boxes that apply and provide additional information as indicated.):

<table>
<thead>
<tr>
<th>Category</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Municipal (including resorts, hotels, businesses)</td>
<td></td>
</tr>
<tr>
<td>□ Domestic (systems serving 25 people or less)</td>
<td>Number of service connections:</td>
</tr>
<tr>
<td>□ Irrigation</td>
<td>Acres Irrigated:</td>
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<tr>
<td>□ Other (specify):</td>
<td></td>
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<tr>
<td>□ Irrigation</td>
<td>Crop(s):</td>
</tr>
<tr>
<td>□ Other (specify):</td>
<td>□ Sugar</td>
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<tr>
<td>□ Irrigation</td>
<td>□ Pineapple</td>
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<td>□ Other (specify):</td>
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<tr>
<td>□ Non-Crop:</td>
<td>Landscape:</td>
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<tr>
<td>□ Other (specify):</td>
<td>□ Golf Course</td>
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<td>□ Method:</td>
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<tr>
<td>□ Drip</td>
<td>□ Furrow</td>
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<td>□ Drip</td>
<td>□ Sprinkler</td>
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<td>□ Other (specify):</td>
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<td>□ Industrial</td>
<td>Cooling:</td>
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<td>□ Other (specify):</td>
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<td>□ Military</td>
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<tr>
<td>□ Other (specify):</td>
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<tr>
<td>□ Other</td>
<td>Specify (livestock, aquaculture, etc.): Supply Salt Water to Park Exhibits for Fishes &amp; Mammals</td>
</tr>
</tbody>
</table>

I declare that the contents of the above Declaration of Water Use are, to the best of my knowledge and belief, true, correct, and complete.

Water User's Signature: [Signature] Date: 4/12/87
Printed Name: [Printed Name] Firm or Title (Well Operator, etc.): [Firm or Title]

[Signature] [Printed Name] [Firm or Title]
REGISTRATION OF WELL
AND
DECLARATION OF WATER USE

INSTRUCTIONS: Please type or print. If information is not available or not applicable, indicate as N/A. Fill out as completely as possible. Sign, and file form with the Division of Water Resource Management, or Hawaii Administrative Rules, Chapters 13-167 to 13-171.

STATE OF HAWAII
COMMISSION ON WATER RESOURCE MANAGEMENT
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER RESOURCE MANAGEMENT

STATE OF HAWAII
COMMISSION ON WATER RESOURCE MANAGEMENT
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER RESOURCE MANAGEMENT

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STATE OF HAWAII
COMMISSION ON WATER RESOURCE MANAGEMENT
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DIVISION OF WATER RESOURCE MANAGEMENT

REGISTRATION OF WELL
AND
DECLARATION OF WATER USE

INSTRUCTIONS: Please type or print. If information is not available or not applicable, indicate as N/A. Fill out as completely as possible. Sign, and file form with the Division of Water Resource Management, or Hawaii Administrative Rules, Chapters 13-167 to 13-171.
F. DECLARATION OF WATER USE

NOTE: The purpose of the Declaration of Water Use is to obtain information necessary for the management of the State's water resources. The Declaration does not confer a legal right to water or its use.

Water use data are recorded: □ Daily □ Weekly □ Monthly
☐ Other (Describe): To be established monthly

Method of measurement: □ Flow Meter □ Orifice
☒ Other (Describe): Differential Pressure Meter

Quantity of Use (Report measured or estimated monthly water use from the well described on the reverse side of this form, for the calendar years 1983 through 1987. For a battery of wells which are not individually metered, but which are connected to a single meter or other measuring device, report total use from the battery):

WATER USE, IN GALLONS x 1000

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<tr>
<td>ANNUAL</td>
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</tr>
</tbody>
</table>

Minimum day's use: N/A gallons Maximum day's use: N/A gallons
Typical times of usage: Continuous (24 hrs)

Type of Use (Check all category boxes that apply and provide additional information as indicated):

Category
☐ Municipal (including resorts, hotels, businesses)
☐ Domestic (systems serving 25 people or less)
☐ Irrigation
☐ Industrial
☐ Military
☐ Other

Additional Information

Number of service connections: ____________________________

Acres Irrigated:
Crop(s): □ Sugar □ Pineapple
☐ Other (specify): ____________________________

Non-Crop: □ Landscape □ Golf Course
☐ Other (specify): ____________________________

Method: □ Drip □ Furrow □ Sprinkler
☐ Cooling □ Manufacturing □ Mill
☐ Other (specify): ____________________________

Specify (livestock, aquaculture, etc.): Supply Salt Water to Park Exhibits - Fishes & Mammals

I declare that the contents of the above Declaration of Water Use are, to the best of my knowledge and belief, true, correct, and complete.

Water User's Signature: ________________ Date: May 17, 1987
Printed Name: ________________
Firm or Title (Well Operator, etc.): ____________________________
# REGISTRATION OF WELL AND DECLARATION OF WATER USE

**INSTRUCTIONS:** Please type or print. If information is not available or not applicable, indicate as N/A. Fill out as completely as possible, sign, and file form with the Division of Water Resource Management or call (808) 587-0281 for assistance.

**BATTERY OF WELLS:** For a battery of wells, on the surface, in a tunnel, or in a shaft, submit a registration form for each well together with a single map or plot plan showing layout of wells.

<table>
<thead>
<tr>
<th>STATE WELL NO.</th>
<th>ISLAND: Oahu</th>
</tr>
</thead>
<tbody>
<tr>
<td>WELL NAME OR DESIGNATION: Well No. 3</td>
<td></td>
</tr>
<tr>
<td>SOURCE OR STATION NAME (For a battery of wells): N/A</td>
<td></td>
</tr>
</tbody>
</table>

## A. WELL OPERATOR
- Firm name: Sea Life Park
- Contact person: Robert L. Moore

## B. OWNER OF WELL SITE
- Firm name: Associates Four
- Contact person: Charles J. Pietsch III

## C. WELL LOCATION
- Tax Map Key: 4-1-14:13
- Town, Place, District: Makapuu, Waimanalo, Koolaupoko
- Attach USGS "Quad" map (scale 1:24,000), tax map, or other map showing the well location.

## D. WELL DATA
For Drilled Wells, submit "as-built" drawing, driller's log, and pump test results, and complete items below.
For Tunnels and Shafts, submit construction drawings, plot plan, or sketch map.

<table>
<thead>
<tr>
<th>Ground elevation (Measure mean sea level): 3 ft.</th>
<th>Year drilled or constructed: N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference point (Used to measure depth to water): N/A ft.</td>
<td>Well contractor: Layne Int'1</td>
</tr>
<tr>
<td>Elevation: N/A ft.</td>
<td></td>
</tr>
<tr>
<td>Description: N/A</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Depth to water (Below reference point): N/A ft.</th>
<th>Casing diameter: 20 in.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum recorded chloride: Salt Water ppm</td>
<td>Solid casing depth (Below ground): 20 ft.</td>
</tr>
<tr>
<td>Minimum recorded chloride: Salt Water ppm</td>
<td>Perforated casing depth (Below ground): N/A ft.</td>
</tr>
</tbody>
</table>

## E. INSTALLED PUMP DATA
- Pump type: [ ] Vertical shaft [ ] Submersible [ ] Centrifugal [ ] Other (specify): |
- Power: [ ] Diesel, ___ HP [ ] Gas, ___ HP [ ] Electric, ___ HP [ ] Other (specify): 35 |
- Pump capacity: 3000 gallons per minute |
- Pump installation contractor: Water Resources Ltd.

---

For Official Use Only:

<table>
<thead>
<tr>
<th>Date received:</th>
<th>Date accepted:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field checked by: __________</td>
<td>Date: 7/12/70</td>
</tr>
<tr>
<td>Latitude: 21° 17' 10&quot;</td>
<td>Longitude: 157° 40' 27&quot;</td>
</tr>
<tr>
<td>Hydrologic Unit:</td>
<td>State Well No.: 1940-11</td>
</tr>
</tbody>
</table>

References: Hawaii Revised Statutes, Chapter 174C.
Hawaii Administrative Rules, Chapters 13-167 to 13-171.
F. DECLARATION OF WATER USE

NOTE: The purpose of the Declaration of Water Use is to obtain information necessary for the management of the State's water resources. The Declaration does not confer a legal right to water or its use.

Water use data are recorded: □ Daily □ Weekly □ Monthly
□ Other (Describe): To be established - monthly

Method of measurement: □ Flow Meter □ Orifice
□ Other (Describe): under design

Quantity of Use (Report metered or estimated monthly water use from the well described on the reverse side of this form, for the calendar years 1983 through 1987. For a battery of wells which are not individually metered, but which are connected to a single meter or other measuring device, report total use from the battery):

WATER USE, IN GALLONS x 1000

<table>
<thead>
<tr>
<th>Category</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Municipal (including resorts, hotels, businesses)</td>
<td>______________________</td>
</tr>
<tr>
<td>□ Domestic (systems serving 25 people or less)</td>
<td>______________________</td>
</tr>
<tr>
<td>□ Irrigation</td>
<td>______________________</td>
</tr>
</tbody>
</table>

Acres Irrigated: □ Sugar □ Pineapple
□ Other (specify): ______________________

Number of service connections: ______________________

Crop(s): □ Sugar □ Pineapple
□ Other (specify): ______________________

Non-Crop: □ Landscape □ Golf Course
□ Other (specify): ______________________

Method: □ Drip □ Furrow □ Sprinkler
□ Other (specify): ______________________

□ Cooling □ Manufacturing □ Mill
□ Other (specify): ______________________

Specify (livestock, aquaculture, etc.): Supply Salt Water to Training Area for Mammals

I declare that the contents of the above Declaration of Water Use are, to the best of my knowledge and belief, true, correct, and complete.

Water User's Signature: ______________________ Date: ______________________
Printed Name: ______________________
Firm or Title (Well Operator, etc.): ______________________

**REGISTRATION OF WELL AND DECLARATION OF WATER USE**

**INSTRUCTIONS:** Please type or print. If information is not available or not applicable, indicate as N/A. Fill out as completely as possible, sign, and file with the Division of Water Resource Management for resistance.

**BATTERY OF WELLS:** For a battery of wells, on the surface, in a tunnel, or in a shaft, submit a registration form for each well together with a single map or plot plan showing layout of wells.

---

**A. WELL OPERATOR**

<table>
<thead>
<tr>
<th>Firm name:</th>
<th>Sea Life Park</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact person:</td>
<td>Robert L. Moore</td>
</tr>
</tbody>
</table>

**B. OWNER OF WELL SITE**

<table>
<thead>
<tr>
<th>Firm name:</th>
<th>Associates Four</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact person:</td>
<td>Charles J. Pietsch III</td>
</tr>
</tbody>
</table>

**C. WELL LOCATION**

<table>
<thead>
<tr>
<th>Tax Map Key:</th>
<th>4-1-14:13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Town, Place, District:</td>
<td>Makapuu, Waimanalo, Koolaupoko</td>
</tr>
</tbody>
</table>

*Attach USGS "Quad" map (scale 1:24,000), tax map, or other map showing the well location.*

**D. WELL DATA**

For Drilled Wells, submit "as-built" drawing, driller's log, and pump test results, and complete items below.

*For Tunnels and Shafts, submit construction drawings, plot plan, or sketch map.*

- **Ground elevation (mean sea level):** 42 ft.
- **Elevation:** N/A ft.
- **Reference point (used to measure depth to water):**
  - **Description:** N/A ft.
- **Depth to water (Below reference point):** N/A ft.
- **Maximum recorded chloride:** Salt Water ppm
- **Minimum recorded chloride:** Salt Water ppm
- **Maximum chloride in 1987:** Salt Water ppm

**Year drilled or constructed:** 1963

- **Well contractor:** Samson & Zerbe
- **Casing diameter:** 18 in.
- **Solid casing depth (below ground):** 14 ft.
- **Perforated casing depth (below ground):** N/A ft.
- **Total depth of well:** 105 ft.
- **Minimum chloride in 1987:** Salt Water ppm

**E. INSTALLED PUMP DATA**

- **Pump type:** None
- **Power:**
  - **Diesel:** __ HP
  - **Gas:** __ HP
  - **Electric:** __ HP
- **Pump capacity:** __ gallons per minute
- **Pump installation contractor:** __

*Well relegated to standby status... (continued over)*

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**For Official Use Only:**

- **Date received:**
- **Date accepted:**
- **Field checked by:** AMO
- **Date:** 7/1/76
- **Latitude:** 21° 19.3′
- **Longitude:** 157° 46.3′
- **Hydrologic Unit:**
- **Comments:**
- **State Well No.:** 1940-02

References: Hawaii Revised Statutes, Chapter 174C.

Hawaii Administrative Rules, Chapters 13-167 to 13-171.
F. DECLARATION OF WATER USE

NOTICE: The purpose of the Declaration of Water Use is to obtain information necessary for the management of the State’s water resources. The Declaration does not confer a legal right to water or its use.

Water use data are recorded: □ Daily □ Weekly □ Monthly □ Other (Describe): __________________________

Method of measurement: □ Flow Meter □ Orifice □ Other (Describe): __________________________

Quantity of Use (Report metered or estimated monthly water use from the well described on the reverse side of this form, for the calendar years 1983 through 1987. For a battery of wells which are not individually metered, but which are connected to a single meter or other measuring device, report total use from the battery):

WATER USE, IN GALLONS x 1000

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</table>

Minimum day’s use: ____________________ gallons  Maximum day’s use: ____________________ gallons

Typical times of usage: ____________________

Type of Use (Check all category boxes that apply and provide additional information as indicated.):

- □ Municipal (including resorts, hotels, businesses)
- □ Domestic (systems serving 25 people or less)
- □ Irrigation
- □ Industrial
- □ Military
- □ Other

Additional Information

- Number of service connections: ____________________
- Acres irrigated: ____________________
- Crop(s): □ Sugar □ Pineapple
- Non-Crop: □ Landscape □ Golf Course
- Method: □ Drip □ Furrow □ Sprinkler
- □ Cooling □ Manufacturing □ Mill
- □ Other (specify): ____________________

Specify (livestock, aquaculture, etc.): Standby - Supply salt water to training tanks for mammals.

I declare that the contents of the above Declaration of Water Use are, to the best of my knowledge and belief, true, correct, and complete.

Water User’s Signature: ____________________ Date: 4/17/1989

Printed Name: ____________________

Firm or Title (Well Operator, etc.): ____________________