



**STATE OF HAWAII**  
**DEPARTMENT OF LAND AND NATURAL RESOURCES**  
**COMMISSION ON WATER RESOURCE MANAGEMENT**

For Official Use Only:

**APPLICATION FOR GROUND WATER USE PERMIT FOR  
 PROPOSED NEW USE IN A DESIGNATED GROUND WATER  
 MANAGEMENT AREA**

**FORM GWUPA-N**     Application for New Use  
 Application to Modify WUP No. \_\_\_\_\_

For detailed instructions on filling out this application form completely, refer to the attached instructions. Incomplete applications will not be accepted for processing.

The following must be attached before this application is accepted as complete:

- Portion of 7.5-Minute Series USGS topographic map (scale 1:24,000) with source location labeled and include the name of the quad map.
- Property tax map, showing source location referenced to established property boundaries.
- Photograph(s) of the source(s) and location(s) of proposed end use(s), if applicable.

**APPLICANT INFORMATION**

**Note 1:** In accordance with HRS § 174C-51(1), the landowner shall be the joint applicant in the event the applicant is a lessee, licensee, developer or any person with a terminable interest or estate in the land that is the water source of the permitted water.

1. APPLICANT'S INFORMATION			2. SOURCE LANDOWNER'S INFORMATION		
Name/Company Yacht Harbor Towers		Contact Person Ronald Falter	Name/Company Yacht Harbor Towers		Contact Person Ronald Falter
Mailing Address 1600 Ala Moana Blvd Honolulu, HI 96815			Mailing Address 1600 Ala Moana Blvd Honolulu, HI 96815		
Phone (808) 947-1855	Fax (808) 942-0124	E-mail Rfalter@hawaii.rr.com	Phone (808) 947-1855	Fax (808) 942-0124	E-mail Rfalter@hawaii.rr.com

**SOURCE INFORMATION**

<b>3. ISLAND</b> Oahu	<b>4. GROUND WATER MANAGEMENT AREA</b> 30102 Nuuanu	<b>4A. SUSTAINABLE YIELD FOR ITEM 4</b> 14 MGD
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**5. SOURCE INFORMATION**

Attach additional sheets, if necessary.

Well Number (if known)	Well Name	Existing or Proposed?	TMK	Flowmeter installed?
3-1750-012		Existing	2 - 3 - 036 : 039 <small>zone sector plat parcel</small>	<input checked="" type="checkbox"/> Yes, date installed 4 / 22 / 2016 <input type="checkbox"/> No
3-1750-013		Existing	2 - 3 - 036 : 039 <small>zone sector plat parcel</small>	<input checked="" type="checkbox"/> Yes, date installed 4 / 22 / 2016 <input type="checkbox"/> No
		Proposed	2 - 3 - 036 : 039 <small>zone sector plat parcel</small>	<input type="checkbox"/> Yes, date installed ___ / ___ / ___ <input type="checkbox"/> No
			_____ : _____ <small>zone sector plat parcel</small>	<input type="checkbox"/> Yes, date installed ___ / ___ / ___ <input type="checkbox"/> No
			_____ : _____ <small>zone sector plat parcel</small>	<input type="checkbox"/> Yes, date installed ___ / ___ / ___ <input type="checkbox"/> No
			_____ : _____ <small>zone sector plat parcel</small>	<input type="checkbox"/> Yes, date installed ___ / ___ / ___ <input type="checkbox"/> No

**PROPOSED USE INFORMATION** §§174C-51(4), (5), (6), HRS

**6. TOTAL QUANTITY OF WATER REQUESTED:** In the space below, enter total from Box M in Item 11 (Table 1) of this application.  
 1,900,800 gallons per day, averaged over 1 year

**7. PROPOSED USE(S):**     Agriculture     Domestic     Industrial  
 Check all that apply.     Irrigation     Military     Municipal

**8. LOCATION OF PROPOSED WATER USE(S):** Show the location of the proposed use on the same USGS and TMK maps as the proposed source location. Otherwise, attach similar maps. See Item 11 (Table 1, column B) of this application.

**Note 2:** Signing below indicates that the signatories understand and affirm that the information provided on this application is accurate and true to the best of their knowledge. Further, the signatories understand that: (1) if necessary, further information may be required before the application is considered complete; (2) if a water use permit is granted by the Commission, this permit is subject to any existing legal uses, changes in sustainable yields and instream flow standards, reserved uses as defined by the Commission, and Hawaiian Home Lands' future uses; and (3) **the applicant is responsible for paying the public notice fees associated with this application.** Additionally, as stated in Note 1, above, HRS § 174C-51(1) the landowner shall be the joint applicant in the event the applicant is a lessee, licensee, developer or any person with a terminable interest or estate in the land that is the water source of the permitted water.

<b>9. APPLICANT</b>	<b>10. SOURCE LANDOWNER/JOINT APPLICANT</b> (if applicable)
Signature	Signature
Ronald Falter	Ronald Falter
Print Name	Print Name
9/18/20	9/18/20
Date	Date

**PROPOSED NEW USE OR MODIFIED USE INFORMATION**

**11. TABLE 1: LAND USE CONSISTENCY / EFFICIENCY OF USE** (Attach additional copies, if necessary.)

LAND USE CONSISTENCY				EFFICIENCY OF USE					
A	B	C	D	E	F	G	H	I	J
PURPOSE / WATER USE CATEGORY (See the Instructions for water use category descriptions.)	TMK FOR PROPOSED LOCATION OF USE ATTACH THE FOLLOWING: • Property tax map, showing proposed location of use referenced to established property boundaries. • Photograph of the area of proposed use.	STATE LAND USE DISTRICT	CDUP REQUIRED? Check the appropriate box, and write in the date approved, if applicable.	COUNTY ZONING CODE	SMAP REQUIRED? Check the appropriate box, and write in the date approved, if applicable.	UNITS OR NET ACREAGE	GPD/UNIT or GPD/ACRE	QUANTITY OF USE (GPD)	JUSTIFICATION FOR QUANTITY OF WATER REQUESTED (If applicable, attach additional sheets showing how the quantity was calculated.) For irrigation uses, fill in Table 2.
<b>USES THAT REQUIRE POTABLE (DRINKING) WATER</b>									
N/A	_____ : _____ zone sector plat parcel		<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired <input type="checkbox"/> No		<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired <input type="checkbox"/> No				
	_____ : _____ zone sector plat parcel		<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired <input type="checkbox"/> No		<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired <input type="checkbox"/> No				
	_____ : _____ zone sector plat parcel		<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired <input type="checkbox"/> No		<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired <input type="checkbox"/> No				
	_____ : _____ zone sector plat parcel		<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired <input type="checkbox"/> No		<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired <input type="checkbox"/> No				
<b>TOTAL POTABLE USE</b>								<b>K</b>	GPD
<b>USES THAT DO NOT REQUIRE POTABLE WATER</b>									
INDEL	2 - 3 - 036 : 039 zone sector plat parcel	Urban	<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired <input checked="" type="checkbox"/> No	A-2	<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired <input checked="" type="checkbox"/> No			1,900,800	One pass air conditioning heat exchanger system, using salt water well source.
	_____ : _____ zone sector plat parcel		<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired <input type="checkbox"/> No		<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired <input type="checkbox"/> No				
	_____ : _____ zone sector plat parcel		<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired <input type="checkbox"/> No		<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired <input type="checkbox"/> No				
	_____ : _____ zone sector plat parcel		<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired <input type="checkbox"/> No		<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired <input type="checkbox"/> No				
<b>TOTAL NON-POTABLE USE</b>								<b>L</b> 1,900,800	GPD
<b>TOTAL QUANTITY OF WATER REQUESTED (sum of total potable use and total non-potable use) =</b>								<b>M</b> 1,900,800	GPD

Please explain if there are any limitations (e.g., legal, contractual) on the proposed water use(s) described in Table 1. Ref. HRS § 174C-51(5).

**PROPOSED NEW USE OR MODIFIED USE INFORMATION (continued)**

**12. TABLE 2: IRRIGATION INFORMATION**

List all crops that will be grown, including landscape and golf course irrigation uses. Copy Table 2 and attach additional sheets to complete your list, if necessary.

<b>A</b> TMK FOR PROPOSED LOCATION OF USE ATTACH THE FOLLOWING: • Property tax map with an outline around the area of each proposed irrigation use listed in this table. • Photograph of the area of each proposed use.	<b>B</b> CROP	<b>C</b> TOTAL ACREAGE	<b>D</b> NET IRRIGATED ACREAGE	<b>E</b> BEGIN GROWTH PERIOD (month)	<b>F</b> END GROWTH PERIOD (month)	<b>G</b> IRRIGATION SYSTEM (refer to instructions)	<b>H</b> IRRIGATION PRACTICE (refer to instructions)	<b>I</b> COMMENTS (Continue comments below, if more space is needed.)
_____ zone            sector            plat            parcel								
_____ zone            sector            plat            parcel								
_____ zone            sector            plat            parcel								
_____ zone            sector            plat            parcel								
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_____ zone            sector            plat            parcel								
_____ zone            sector            plat            parcel								

Comments (continued from Column I). Please clearly indicate the crop (i.e., the row in table) these comments relate to.

**OTHER PERTINENT INFORMATION**

**13. TABLE 3: ALTERNATIVES ANALYSIS**

	<b>A. Analysis of <i>potable</i> alternatives</b> Attach additional sheets if necessary.	<b>B. Analysis of <i>non-potable</i> alternatives</b> Attach additional sheets if necessary.
Municipal sources	1) Cost prohibitive use for a non-potable need in a single pass air conditioning heat rejection system. 2) Not cold enough to provide proper heat extraction from the air conditioning system. 3) Fresh water is not needed for single pass air conditioning heat rejection system.	Ala Wai Canal water the nearest non-potable alternative that is inappropriate as follows: 1) Not cold enough for heat rejection from the air conditioning system. 2) High in solids, organics, etc. that will clog the heat exchangers and reduce its effectiveness.
Wastewater reuse	1) Wastewater reuse is not available according to Markus Owens with the City & County of Honolulu Department of Environmental Services Wastewater Systems.	1) Wastewater reuse is not available according to the City & County of Honolulu Department of Environmental Services Wastewater Systems email dated June 10, 2020.
Ditch system	1) Hawaii Department of Agriculture confirmed by email that no ditch irrigation system exists near Yacht Harbor Towers. The nearest irrigation system it monitors is in Waimanalo. 2) Water from the ditch system would likely be too warm.	1) Hawaii Department of Agriculture confirmed by email on September 09, 2020 that no ditch irrigation system exists near Yacht Harbor Towers. The nearest irrigation system it monitors is in Waimanalo. 2) Water from the ditch system would likely be too warm.
Desalination	1) Fresh water is not needed for single pass air conditioning heat rejection system. 2) Cost prohibitive.	1) Fresh water is not needed for single pass air conditioning heat rejection system.
Surface water	Ala Wai Canal water is the nearest surface water alternative that is not potable.	Ala Wai Canal water the nearest surface water alternative that is inappropriate as follows: 1) Not cold enough to provide proper heat extraction from the air conditioning system. 2) High in solids, organics, etc. that will reduce the effectiveness of the heat exchangers.
Conservation Measures	Potable water is not needed for single pass air conditioning heat rejection system.	The minimum flow rate of ground salt water through the air conditioning heat exchangers varies based on the air conditioning demand via an automation system. A minimum flow rate is set to provide proper heat extraction from the air conditioning system to minimize energy and saline ground water usage.
Other (specify)	Not applicable.	Not applicable.

**14. PUBLIC INTEREST**

§174C-2(C), HRS states: *The state water code shall be liberally interpreted to [a] obtain maximum beneficial use of the waters of the State for purposes such as domestic uses, aquaculture uses, irrigation and other agricultural uses, power development, and commercial and industrial uses. However, [b] adequate provision shall be made for the protection of traditional and customary Hawaiian rights, the protection and procreation of fish and wildlife, the maintenance of proper ecological balance and scenic beauty, and the preservation and enhancement of waters of the State for municipal uses, public recreation, public water supply, agriculture, and navigation. Such objectives are declared to be in the public interest.*

Explain how the proposed new use(s) in your application are consistent with items [a] and [b] above.

- 1) The use of saline ground water to extract heat from the air conditioning system is in the public interest as it serves an industrial use.
- 2) We don't anticipate impact to traditional and customary Hawaiian rights or on fish and wildlife by withdrawing underground salt water. We also don't anticipate impact to the freshwater lens from the withdrawal of underground salt water.

**15. INTERFERENCE WITH THE RIGHTS OF THE DEPARTMENT OF HAWAIIAN HOME LANDS**

Explain how the proposed new use(s) of water will not interfere with the rights of the Department of Hawaiian Home Lands, as provided in section 221 of the Hawaiian Homes Commission Act.

Department of Hawaiian Home Lands confirmed by letter dated 9/23/2020 that the proposed wells will not interfere with its rights as it does not own any lands near Yacht Harbor Towers.

**16. INTERFERENCE WITH ANY EXISTING LEGAL USES**

Explain how the proposed new use(s) of water will not interfere with any other existing legal use(s) of water.

Use of salt water should not affect anyone's legal use of salt water or fresh water. Yacht Harbor Towers regularly monitors nitrogen and phosphorus levels, pH, temperature, and flow rate in accordance with its NPDES permit. Salinity has consistently been above 30,000 ppm.

**17. PUBLIC WATER SYSTEM INFORMATION**

Check the appropriate box or boxes.

- PUC-Regulated Private System /  Non-PUC-Regulated Private System /  Not a Public Water System
- Intended dedication to Honolulu Board of Water Supply or to County of Maui, Department of Water Supply.

**18. CHAPTER 343**

- An Environmental Assessment was completed, and
  - An Environmental Impact Statement was required and has been accepted (attach letter of acceptance). Publication date in The Environmental Notice: \_\_\_\_\_
- A Finding of No Significant Impact has been determined (attach letter). Publication date in The Environmental Notice: \_\_\_\_\_

This project proposes:

- Use of state or county lands, or use of state or county funds
- Use within a state conservation district
- Use within a shoreline setback area
- Use within a national or Hawaii registered historic site
- Use within the Waikiki Special District
- The construction, expansion or modification of helicopter facility
- A wastewater treatment unit
- Waste-to-energy facility
- Landfill
- Oil refinery
- Power-generating facility
- None of the above 11 items



## **INSTRUCTIONS FOR FILLING OUT APPLICATION FOR GROUND WATER USE PERMIT FOR A PROPOSED NEW USE OR TO MODIFY A GROUND WATER USE PERMIT**

This application form is to be used for proposed new uses, including modifications of existing ground water use permits. **If you are applying for an existing ground water use, which are uses prior to the effective date of designation, do not use this form.** Instead, use the *Application for Ground Water Use Permit for Existing Use* (Form GWUPA-E) for existing uses.

Most questions can be addressed by visiting our website at <http://www.hawaii.gov/dlnr/cwrp> or by contacting the Regulation Branch at 587-0225 or by e-mail at [dlnr.cwrp@hawaii.gov](mailto:dlnr.cwrp@hawaii.gov). If you need further assistance, call the Regulation Branch. The current application forms are available at: [http://www.hawaii.gov/dlnr/cwrp/resources\\_permits.htm](http://www.hawaii.gov/dlnr/cwrp/resources_permits.htm).

### **REQUIREMENTS FOR A COMPLETE APPLICATION**

- a. Fill in the most recent application form. A current form can be obtained by going to our website or contacting us by phone or e-mail.
- b. Print in ink or type the information on the application.
- c. The application form has a total of 16 items on 4 pages. Items 11, 12, and 13 are tables, with multiple line items. Fill in the required information for every item in the application form as it relates to your proposed new use or permit modification.
- d. Enclose a check for the non-refundable filing fee of \$25 payable to: Department of Land and Natural Resources. (Government agencies are not required to pay the filing fee.)
- e. Please be aware that the applicant is responsible for paying the cost of publishing any required public notices associated with this application. The cost for public notices is currently approximately \$400.00. Commission staff will provide instructions later in the permit process regarding payment of these costs.
- f. Mark the proposed source and end use location(s) on the appropriate USGS quad map (scale 1:24,000) and property tax map, and attach these maps to the application.
- g. Attach photos showing the existing or proposed source(s), meter(s) (if applicable), and end use area(s).
- h. Both the applicant and the landowner where the source is located ("source landowner") must sign the application form in ink.
- i. Submit the original application, **15 copies** of the application form and all attachments (maps, photos, and other attachments), and the filing fee to the Commission on Water Resource Management, P.O. Box 621, Honolulu, HI 96809.

Further, the applicant must address §174C-49(a) of the State Water Code, which states that:

*To obtain a permit pursuant to this part, the applicant shall establish that the proposed use of water:*

- (1) *Can be accommodated with the available water source;*
- (2) *Is a reasonable-beneficial use<sup>1</sup> as defined in section 174C-3;*
- (3) *Will not interfere with any existing legal use of water;*
- (4) *Is consistent with the public interest<sup>2</sup>;*
- (5) *Is consistent with state and county general plans and land use designations;*
- (6) *Is consistent with county land use plans and policies; and*
- (7) *Will not interfere with the rights of the department of Hawaiian home lands as provided in section 221 of the Hawaiian Homes Commission Act.*

<sup>1</sup> According to §174C-3, HRS, "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 both reasonable and consistent with the state and county land use plans and the public interest.

<sup>2</sup> Public interest is described in §174C-2(c), HRS, which states: *[t]he state water code shall be liberally interpreted to obtain maximum beneficial use of the waters of the State for purposes such as domestic uses, aquaculture uses, irrigation and other agricultural uses, power development, and commercial and industrial uses. However, adequate provision shall be made for the protection of traditional and customary Hawaiian rights, the protection and procreation of fish and wildlife, the maintenance of proper ecological balance and scenic beauty, and the preservation and enhancement of waters of the State for municipal uses, public recreation, public water supply, agriculture, and navigation. Such objectives are declared to be in the public interest.*

**NOTE:** Filling in the application completely will address §174C-49(a), HRS.

### **LINE-BY-LINE INSTRUCTIONS FOR COMPLETING THE APPLICATION FORM**

#### **APPLICANT INFORMATION**

In accordance with the Hawaii Water Code, both the applicant and the person who owns the property where the water source is located are required to apply for a water use permit. §174C-51(1)(B), HRS, states, *In the event a lessee, licensee, developer, or any other person with a terminable interest or estate in the land, which is the water source of the permitted water, applies for a water permit, the landowner shall also be stated as a joint applicant for the water permit.*

1. **APPLICANT INFORMATION** Fill in the information for the applicant. This should be the person who will be responsible for all conditions of the water use permit.
2. **SOURCE LANDOWNER INFORMATION** Fill in the information for the landowner of the property where the proposed ground water source (e.g., well, modified spring, tunnel, shaft, etc.) is located.

#### **SOURCE INFORMATION**

3. **ISLAND** Check the appropriate box, noting the island where the source is located.
4. **GROUND WATER MANAGEMENT AREA** The name of the aquifer system area where the source is located.
- 4A. **SUSTAINABLE YIELD** The sustainable yield for the aquifer system area.
5. **SOURCE INFORMATION**
  - **WELL NUMBER** If the source already has a state-assigned well number, write the state well number here.
  - **WELL NAME** If the proposed source already has a name, write the name here. Otherwise, give it a short name that will differentiate it from other wells.
  - **SOURCE TMK** Fill in the current Tax Map Key number of the parcel where the source is located.
  - **FLOWMETER INFORMATION** Check either "Yes" or "No." If you answer "Yes," write in the date the flowmeter was installed month/day/year in the space provided. (The definition of a working flowmeter is a water meter with a totalizer that gives the total quantity of water used from a source.)

#### **PROPOSED USE INFORMATION**

(Ref. §§ 174C-51(4), (5), (6), HRS)

6. **TOTAL QUANTITY OF WATER REQUESTED** Enter the amount of water requested as gallons per day (GPD) averaged over one year. Fill out Table 1 and enter the amount in Box 14, "Total Use Requested."

- 7. **PROPOSED USE(S)** Check all the boxes that apply for the proposed use. Refer to the instructions for Table 1: Land Use Consistency/Efficiency of Use, Item 1: Purpose/Water Use Category below to determine which water use category to use.
- 8. **LOCATION OF PROPOSED WATER USE(S)** Show the location of the proposed use on the same USGS and TMK maps as the proposed source location. Otherwise, attach similar maps and show the location of the proposed use.

**APPLICANT SIGNATURES REQUIRED**

- 9. **APPLICANT** The Applicant must sign and date the application. Please print or type the Applicant’s name in the space provided.
- 10. **SOURCE LANDOWNER** The Source Landowner must also sign and date the application. Please print or type the Source Landowner’s name in the space provided.

**PROPOSED NEW USE OR MODIFIED USE INFORMATION**

11. **Table 1: LAND USE CONSISTENCY / EFFICIENCY OF USE** Provide information on all of the proposed uses you are applying for or seeking to modify. In the space provided below the table or on a separate sheet, explain whether there are any limitations [e.g., a contract or other legal agreement(s)] on your proposed water use(s), as required by §174C-51(5), HRS.

A. **PURPOSE / WATER USE CATEGORY** For each purpose of use, choose one of the categories listed in the table below and enter the appropriate code in the space provided (e.g., AGRAQ, IRRGC, etc.)

<p><b>AGRICULTURE</b></p> <p>AGRAQ Aquatic Plants &amp; Animals          AGRCP Crops &amp; Processing          AGRLI Livestock &amp; Processing, and Pasture          AGRON Ornamental &amp; Nursery Plants          AGROTH Other</p>	<p><b>DOMESTIC</b></p> <p>DOM Single &amp; Multi Low-Rise &amp; High-Rise Household          DOMN Domestic (Non-residential)          DOMNCB Commercial Businesses          DOMNRI Religious Institutions          DOMNHOS Hospitals          DOMNHOT Hotels          DOMNOB Office buildings          DOMNOTH Domestic Non-Residential - Other          DOMNSC Schools</p>
<p><b>IRRIGATION</b></p> <p>IRRGC Golf Course          IRRHM Habitat Maintenance          IRRHOT Hotel          IRRLA Landscape/Water Features          IRROTH Other          IRRPA Parks          IRRSC Schools</p>	<p><b>INDUSTRIAL</b></p> <p>INDEL Geothermal, Thermoelectric Cooling, Power Development          INDFP Fire Protection          INDMI Mining, Dust Control          INDOTH Industrial – Other</p>
<p><b>MILITARY</b></p> <p>MIL Military</p>	<p><b>MUNICIPAL</b></p> <p>MUNCO County          MUNPR Privately-owned but defined as public water system by          MUNST DOH          State</p>

- B. **USE TMK** Enter the tax map key (TMK) number for the parcel of land over which the use is applied. There should only be one parcel for each line. Also, attach:
  - (1) A TMK map (or maps) showing each of the lots listed and the boundaries of the end use area(s); and
  - (2) A photograph of the area of use.
- C. **STATE LAND USE DISTRICT** Write in the name of the current land use district. To find the Land Use District, contact the Land Use Commission at (808) 587-3822.
- D. **CDUP REQUIRED?** Check the appropriate box. If a Conservation District Use Permit (CDUP) is required and you have a CDUP applicable to this project, check “Yes” and write in the date approved in the space provided (month/day/year). If your parcel is in a conservation district, as indicated in Column C of this table, contact the Office of Conservation and Coastal Lands at (808) 587-0328 to find out if a CDUP is required.
- E. **COUNTY ZONING CODE** To find out the County Zoning Code for Oahu, contact the City and County of Honolulu at 768-8041. For Maui County, contact at 270-7253.
- F. **SMAP REQUIRED?** Check the appropriate box. If a Special Management Area Permit (SMAP) is required, and you have an SMAP applicable to this project, check “Yes” and write in the date approved in the space provided (month/day/year). To find out if your parcel is in a Special Management Area and requires an SMAP, for Oahu call the City and County of Honolulu at 768-8014 or for Maui County call the Planning Department at 270-8205.
- G. **UNITS or NET ACREAGE** This is the total number of units or the net number of acres as a basis for calculating your requested allocation. “Unit” can mean a dwelling unit, number of people, or number of animals. Some examples of units or acreages to enter in this column would be 400 dwelling units, 500 people, or 3.74 acres.
- H. **GPD/UNIT or GPD/ACRE** (GPD = gallons per day) Enter the gallons per day per unit (GPD/unit) or gallons per day per acre (GPD/acre) for each water use category listed in Column A.
- I. **QUANTITY OF USE** Enter the proposed quantity of water use in gallons per day (GPD). Justification (see Column J) for the quantity(ies) requested may depend on the information provided in columns G and H of this table.
- J. **JUSTIFICATION FOR QUANTITY OF WATER REQUESTED** Explain how you are justifying the quantity of water requested for each use, in Column I of this table. Attach additional sheets, if necessary, showing how the proposed quantity was calculated. For all proposed irrigation uses, you are required to also complete Item 12 (Table 2) of the application.
- K. **TOTAL POTABLE USE** Add the quantities listed in the Column I for proposed potable water use(s). Enter the total quantity in gallons per day (GPD) in Box K.
- L. **TOTAL NON-POTABLE USE** Add the quantities listed in Column I for proposed uses that do not require potable water. Enter the total quantity of proposed non-potable water use in gallons per day (GPD) in Box L.
- M. **TOTAL QUANTITY OF WATER REQUESTED** Add the totals in Box K and Box L, and enter the sum in Box M. The quantity in Box M should be the same as the amount entered under Item 6 on the page 1 of the application.

**12. TABLE 2: IRRIGATION INFORMATION**

On Table 2, provide the information requested for all the crops you are proposing to grow, including landscapes and golf course turf and plants. Enter only one crop and one parcel number (TMK) per line. For multiple crops, list each one as a separate line item. All proposed or modified irrigation uses you are applying for must be listed. Attach additional copies of Table 2, if necessary.

- A. TMK FOR PROPOSED LOCATION OF USE** Enter the parcel number where the crop will be grown. Also, attach a property tax map with an outline around the area(s) of proposed use(s) and a photograph of each area of proposed use.
- B. CROP** Enter the crop type
- C. TOTAL ACREAGE** Enter the total acreage of the parcel listed.
- D. NET IRRIGATED ACREAGE** Enter the acreage that the specific crop will be grown.
- E. BEGIN GROWTH PERIOD (MONTH)** This is the month of the start of the growth cycle.
- F. END GROWTH PERIOD (MONTH)** This is the month of the end of the growth cycle.
- G. IRRIGATION SYSTEM** Enter one of the following:
  - TRICKLE, DRIP
  - TRICKLE, SPRAY
  - MULTIPLE SPRINKLERS
  - SPRINKLER, CONTAINER NURSERY
  - SPRINKLER, LARGE GUNS
  - SEEPAGE, SUBIRRIGATION
  - CROWN FLOOD
  - FLOOD (TARO)
  - OTHER – Please describe in the space provided for comments (Column I and/or below the table).
- H. IRRIGATION PRACTICE** Enter one of the following:
  - IRRIGATE TO FIELD CAPACITY
  - APPLY A FIXED DEPTH PER IRRIGATION
  - DEFICIT IRRIGATION
  - OTHER – Please describe in the space provided for comments (Column I and/or below the table).

**13. TABLE 3: ALTERNATIVES ANALYSIS**

You should address every alternative and explain why each alternative is or is not available for your proposed potable and non-potable water needs. Other alternatives (last row of Table 3), may include stormwater reclamation, rainwater catchment, or other alternatives not already listed above.

**Surface water** is defined in §174C-3, HRS as: *...both contained surface water—that is, water upon the surface of the earth in bounds created naturally or artificially including, but not limited to, streams, other watercourses, lakes, reservoirs, and coastal waters subject to state jurisdiction—and diffused surface water—that is, water occurring upon the surface of the ground other than in contained waterbodies. Water from natural springs is surface water when it exits from the spring onto the earth’s surface.*

For **Conservation Measures**, please describe any conservation measures that will be used to ensure that your water use is or will be efficient. Conservation measures may include, but are not limited to, water reuse or recycling systems, monitoring the water distribution system for pressure drops that are indicative of leaks or line breaks, or use of drought-tolerant and xeriscape landscape plants.

**14. PUBLIC INTEREST**

Explain in the space provided or on a separate sheet why the proposed new use(s) on your application are consistent with the public interest.

**15. INTERFERENCE WITH THE RIGHTS OF THE DEPARTMENT OF HAWAIIAN HOME LANDS**

Explain in the space provided or on a separate sheet how the proposed new use(s) of water will not interfere with the rights of the Department of Hawaiian Home Lands, as provided in section 221 of the Hawaiian Homes Commission Act. To inquire about potential interference, you may contact the Department of Hawaiian Home Lands main line at 620-9500, or the DHHL Planning Office at 620-9480. You may also visit their website at [dhhhl.hawaii.gov](http://dhhhl.hawaii.gov), where you can review DHHL’s Island Plans, Regional Plans, and their Water Policy Plan.

The State Water Code in §174C-101(a), HRS [Native Hawaiian water rights], states: *Provisions of this chapter shall not be construed to amend or modify rights or entitlements to water as provided for by the Hawaiian Homes Commission Act, 1920, as amended, and by chapters 167 and 168, relating to the Molokai irrigation system. Decisions of the commission on water resource management relating to the planning for, regulation, management, and conservation of water resources in the State shall, to the extent applicable and consistent with other legal requirements and authority, incorporate and protect adequate reserves of water for current and foreseeable development and use of Hawaiian home lands as set forth in section 221 of the Hawaiian Homes Commission Act.*

**16. INTERFERENCE WITH ANY EXISTING LEGAL USES**

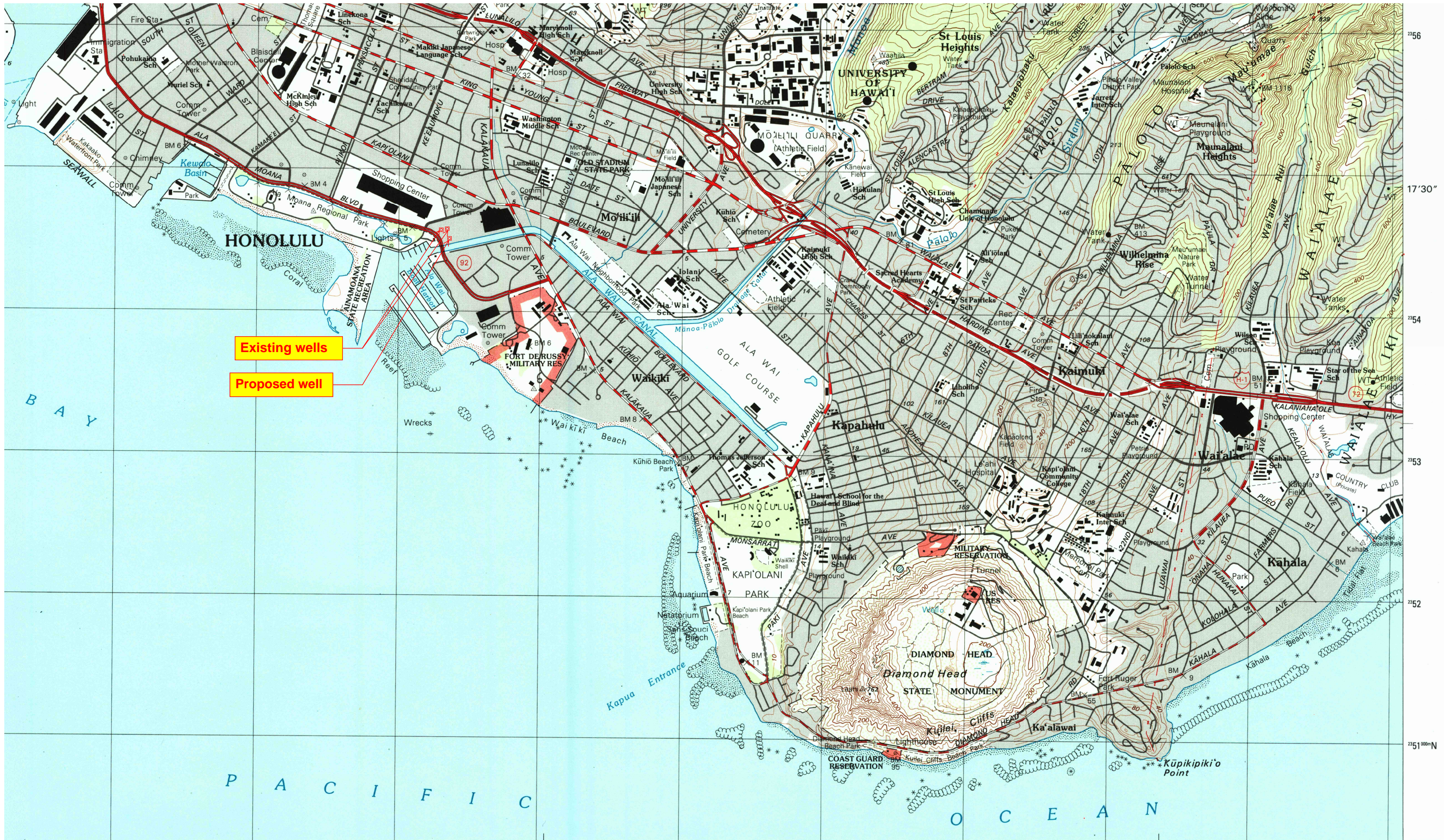
Explain in the space provided or on a separate sheet how the proposed new use(s) of water will not interfere with any other existing legal use(s) of water.

**17. PUBLIC WATER SYSTEM INFORMATION**

Check the appropriate box or boxes relating to your existing or proposed new water system.

**18. CHAPTER 343** If an Environmental Assessment was completed, fill in the dates of publication and acceptance. For additional information about the proposed uses checkboxes, refer to [http://luc.state.hi.us/docs/hrs\\_343.pdf](http://luc.state.hi.us/docs/hrs_343.pdf)





Existing wells

Proposed well

SCALE 1:24 000



INTERIOR - GEOLOGICAL SURVEY, RESTON, VIRGINIA - 2000

ROAD CLASSIFICATION

Primary highway

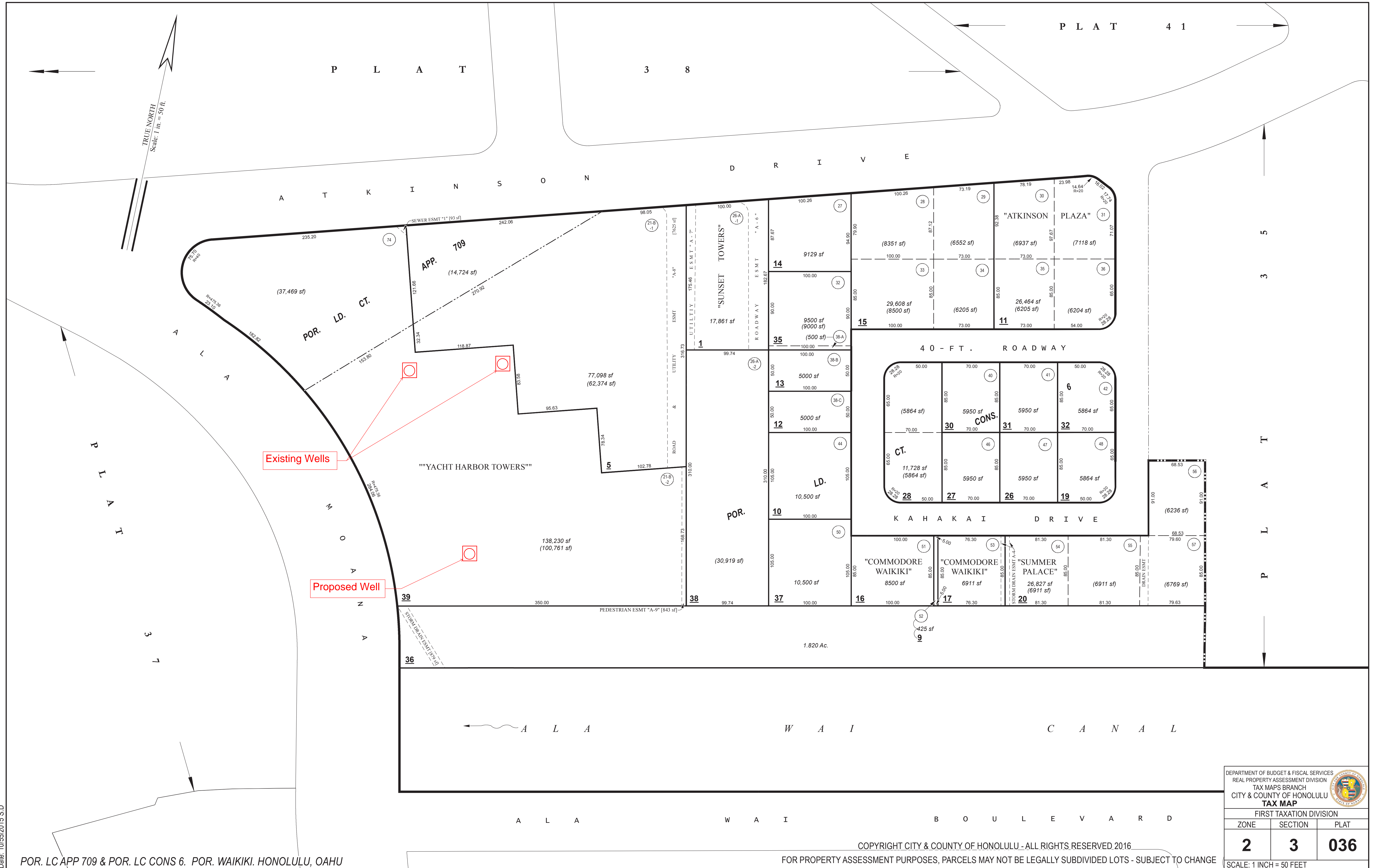
Light-duty road, hard or

MAN

O'AHU

+

18 19 20 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56  
 1730 1740 1750 1760 1770 1780 1790 1800 1810 1820 1830 1840 1850 1860 1870 1880 1890 1900 1910 1920 1930 1940 1950 1960 1970 1980 1990 2000  
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Date: 10/5/2015 S.D

POR. LC APP 709 & POR. LC CONS 6. POR. WAIKIKI. HONOLULU, OAHU

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 FOR PROPERTY ASSESSMENT PURPOSES, PARCELS MAY NOT BE LEGALLY SUBDIVIDED LOTS - SUBJECT TO CHANGE

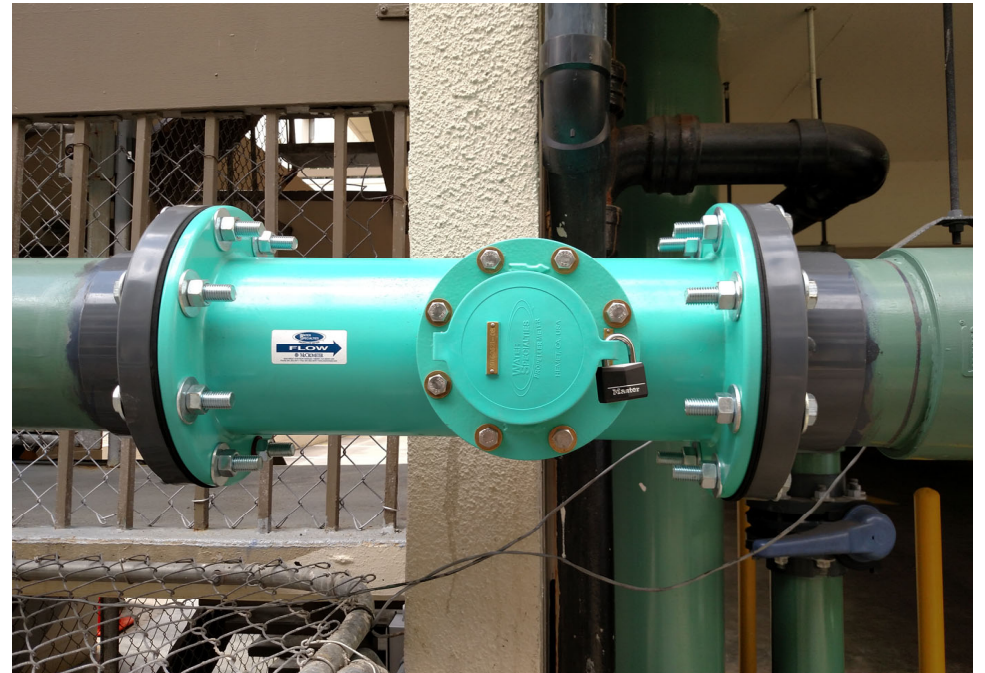
DEPARTMENT OF BUDGET & FISCAL SERVICES  
 REAL PROPERTY ASSESSMENT DIVISION  
 TAX MAPS BRANCH  
 CITY & COUNTY OF HONOLULU  
**TAX MAP**

FIRST TAXATION DIVISION

ZONE	SECTION	PLAT
<b>2</b>	<b>3</b>	<b>036</b>

SCALE: 1 INCH = 50 FEET

"YMCA" Supply Well



"P1" Supply Well



# Proposed Supply Well



**From:** [Owens, Markus](#)  
**To:** [Brian Lee](#)  
**Subject:** Re: Waste Water Reuse Question  
**Date:** Wednesday, June 10, 2020 4:55:24 AM

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**EXTERNAL EMAIL :** Use caution with any response, links, or attachments.

No no reuse pipes in that area.

On Jun 9, 2020, at 3:13 PM, Brian Lee <[blee@ccorpusa.com](mailto:blee@ccorpusa.com)> wrote:

Aloha, Marcus,

I'm helping out Yacht Harbor Towers complete its DLNR Ground Water Use Permit Application Form. The form requests an analysis of water alternatives such as wastewater reuse. Is wastewater reuse service available for Yacht Harbor Towers located at 1600 Ala Moana Boulevard, Honolulu, HI 96815?

Please let me know if you need anything else.

Mahalo,

Brian Lee  
Project Manager

[CCORPUSA.COM | Building Value Through Expertise] <<https://www.ccorpusa.com/>>  
[blee@ccorpusa.com](mailto:blee@ccorpusa.com)<<mailto:blee@ccorpusa.com>>  
C: +1 (808) 265-3275  
[ccorpusa.com](https://www.ccorpusa.com/)<<https://www.ccorpusa.com/>>

[LinkedIn] <<https://www.linkedin.com/company/cumming-corporation>> [Facebook]  
<<https://www.facebook.com/CummingCorporation>> [Twitter]  
<<https://twitter.com/#!/cummingcorp>> [Cumming Insights, Construction Market Analysis]  
<<https://www.ccorpinsights.com>> [Podcast] <<https://ccorpusa.com/insights/podcast/>>

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**From:** [hdoa\\_info](mailto:hdoa_info)  
**To:** [Brian Lee](#)  
**Subject:** RE: Ditch System Question  
**Date:** Wednesday, September 9, 2020 10:48:15 AM

---

**EXTERNAL EMAIL :** Use caution with any response, links, or attachments.

Hello –

HDOA's irrigation engineers say the closest irrigation system they monitor is in Waimanalo.

Aloha,  
Janelle Saneishi  
Public Information Officer  
Hawaii Department of Agriculture  
Phone: (808) 973-9560  
e-mail: [hdoa.info@hawaii.gov](mailto:hdoa.info@hawaii.gov)



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**From:** Brian Lee <[blee@ccorpusa.com](mailto:blee@ccorpusa.com)>  
**Sent:** Wednesday, September 9, 2020 6:49 AM  
**To:** hdoa\_info <[hdoa.info@hawaii.gov](mailto:hdoa.info@hawaii.gov)>  
**Subject:** [EXTERNAL] Ditch System Question

Aloha,

I'm assisting Yacht Harbor Towers complete its DLNR Ground Water Use Permit Application Form. The form requests an analysis of water alternatives such as a ditch system. Is a ditch system available for Yacht Harbor Towers located at 1600 Ala Moana Boulevard, Honolulu, HI 96815?

Please let me know if you need anything else.

Mahalo,

**BRIAN LEE**  
Project Manager

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[blee@ccorpusa.com](mailto:blee@ccorpusa.com)

C: +1 (808) 265-3275

[ccorpusa.com](http://ccorpusa.com)



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DAVID Y. IGE  
GOVERNOR  
STATE OF HAWAII

JOSE GREEN  
LT. GOVERNOR  
STATE OF HAWAII



WILLIAM J. AILA, JR.  
CHAIRMAN  
HAWAIIAN HOMES COMMISSION

TYLER I. GOMES  
DEPUTY TO THE CHAIRMAN

**STATE OF HAWAII  
DEPARTMENT OF HAWAIIAN HOME LANDS**

P. O. BOX 1879  
HONOLULU, HAWAII 96805

September 23, 2020

Ref.:PO-20-220

Mr. Brian Lee  
841 Bishop Street Suite 725  
Honolulu, HI 96813

Aloha Mr. Lee:

RE: Yacht Harbor Towers Water Use Permit Application  
1600 Ala Moana Boulevard, Honolulu, HI 96815

The Department of Hawaiian Home Lands (DHHL) appreciates your proactive willingness to consult with DHHL on potential impacts that the proposed use of water in the Yacht Harbor Towers Water Use Permit Application (WUPA) may have on DHHL's water rights.

Per our phone conversation on September 11, 2020, you indicated that the Yacht Harbor Towers seeks to develop a non-potable saltwater well on the Yacht Harbor Towers property. Based on your description of the location of the proposed source development and proposed use, it appears that there will be minimal (if any) impact to DHHL's current and future use of water for its future homesteading development. However, DHHL would appreciate an opportunity in the future to review and comment on a Yacht Harbor Towers WUPA that is deemed "complete" by CWRM in order to confirm the details of the above proposed use of water that was communicated to me during our phone conversation.

Again, we greatly appreciate your proactive willingness to consult with DHHL early in the WUPA process. Should you have any questions, please feel free to contact me at 620-9481 or [andrew.h.choy@hawaii.gov](mailto:andrew.h.choy@hawaii.gov).

Mahalo,

Andrew H. Choy  
Acting Planning Program Manager