



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

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 Official Use Only:

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	Contact Person		Name/Company	Contact Person	
Hawaiian Turfgrass Inc.	Sean Fong		Hawaiian Turfgrass, Inc.	Sean Fong	
Mailing Address			Mailing Address		
P.O. Box 893340 Mililani, HI 96789			P.O. Box 893340 Mililani, HI 96789		
Phone	Fax	E-mail	Phone	Fax	E-mail
371-0527	NA	hawaiianturfgrass@gmail.com	371-0527	NA	hawaiianturfgrass@gmail.com

SOURCE INFORMATION

3. ISLAND	
OAHU	
4. GROUND WATER MANAGEMENT AREA	4A. SUSTAINABLE YIELD FOR ITEM 4
Waipahu-Waiawa	106 MGD
5. SOURCE INFORMATION	
Attach additional sheets, if necessary.	

Well Number (if known)	Well Name	Existing or Proposed?	TMK	Flowmeter installed?
	HTGI	Proposed	9 - 4 - 003 : 002 zone sector plat parcel	<input type="checkbox"/> Yes, date installed ____ / ____ / ____ <input checked="" type="checkbox"/> No
			zone sector plat parcel	<input type="checkbox"/> Yes, date installed ____ / ____ / ____ <input type="checkbox"/> No
			zone sector plat parcel	<input type="checkbox"/> Yes, date installed ____ / ____ / ____ <input type="checkbox"/> No
			zone sector plat parcel	<input type="checkbox"/> Yes, date installed ____ / ____ / ____ <input type="checkbox"/> No
			zone sector plat parcel	<input type="checkbox"/> Yes, date installed ____ / ____ / ____ <input type="checkbox"/> No
			zone sector plat parcel	<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.			
gallons per day, averaged over 1 year		400,000	
7. PROPOSED USE(S): <input checked="" type="checkbox"/> Agriculture <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial			
Check all that apply. <input type="checkbox"/> Irrigation <input type="checkbox"/> Military <input type="checkbox"/> 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.

9. APPLICANT		10. SOURCE LANDOWNER/JOINT APPLICANT (if applicable)	
Signature		Signature	
Sean Fong		Sean Fong	
Print Name		Print Name	
9/24/2020		9/24/2020	
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: <ul style="list-style-type: none">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.
USES THAT REQUIRE POTABLE (DRINKING) WATER									
	- - : 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				
TOTAL POTABLE USE								K	GPD
USES THAT DO NOT REQUIRE POTABLE WATER									
AGROTH	9 - 4 - 003 : 002 zone sector plat parcel	AG	<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired <input checked="" type="checkbox"/> No	AG2 F1	<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired <input checked="" type="checkbox"/> No	67.5	5,926	400,000	See attached spreadsheet of historical use.
	- - : 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				
TOTAL NON-POTABLE USE								L400,000	GPD
TOTAL QUANTITY OF WATER REQUESTED (sum of total potable use and total non-potable use) =								M400,000	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).

None

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.

A	B	C	D	E	F	G	H	I
TMK FOR PROPOSED LOCATION OF USE ATTACH THE FOLLOWING: <ul style="list-style-type: none">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.	CROP	TOTAL ACREAGE	NET IRRIGATED ACREAGE	BEGIN GROWTH PERIOD (month)	END GROWTH PERIOD (month)	IRRIGATION SYSTEM (refer to instructions)	IRRIGATION PRACTICE (refer to instructions)	COMMENTS (Continue comments below, if more space is needed.)
<div>9-003-002</div> <div>zone - sector - plat : parcel</div>	Various turfgrasses planted on plastic	135	67.5	January	December	Sprinkler, Large Guns	Deficit Irrigation	
<div> </div> <div>zone - sector - plat : parcel</div>								
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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

	A. Analysis of <i>potable</i> alternatives Attach additional sheets if necessary.	B. Analysis of <i>non-potable</i> alternatives Attach additional sheets if necessary.
Municipal sources	None available for agriculture use. The nearest access to county water is 4,112 ft away from the front entrance according to Google Earth. Mililani Ag Park (MAP) owns the common area where we have to access county water. This is not available to us.	
Wastewater reuse	NA	None available
Ditch system	NA Our current source of water is from the Waiahole ditch system. The water system is owned and delivered to us by MAP. MAP sold 1/2 the 12" water main system our competitor. So, ditch system water will not be available for us to use. MAP has only offered us a 3" water main which will not have the volume we need.	
Desalinization	NA	To drill deeper for desalinization is cost prohibiting and also dangerous for the potable water aquifer.
Surface water	NA	The Waikele stream is downgradient to the well site.
Conservation Measures	NA	Monitoring of groundwater use via the flowmeter will help find leaks in the irrigation system. Ponds will also be built to capture groundwater.
Other (specify)	NA	

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.

The use of the groundwater for the turfgrass are consistent with the state water code as it will be used for irrigation and other agricultural uses. A search in the OHA Kipuka database listed no historic sites or crown lands. There are no water bodies on the site.

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.

The Department of Hawaiian Home Lands does not have a water reservation listed in its SWPP Final Report dated May 2017 for this aquifer.

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.

There are no other wells near this project site. Pump tests will be performed to see if there will be a major drawdown in the aquifer that serves other wells.

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



<div>Tax Parcel</div> <div><div></div></div>	
<div>Tax Parcel</div> <div><div></div></div>	
<div>Map Title</div> <div>Author: Your Name</div> <div>Date: 9/14/2020</div>	<div>Notes: Notes</div> <div>Powered by ArcGIS Server 10</div> <div>© City & County of Honolulu, All Rights Reserved, 2020</div> <div>Note: Data represented on this map is not intended to replace site survey.</div>

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