



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

**APPLICATION FOR GROUND WATER USE PERMIT**

**FORM GWUPA**

- New Use
- Modification of WUP No. \_\_\_\_\_
- Existing Use

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.

APPLICANT INFORMATION							
<b>1. APPLICANT INFORMATION</b>			<b>2. SOURCE LANDOWNER INFORMATION</b>				
Name/Company Reid Nitahara		Contact Person Reid Nitahara	Name/Company Reid Nitahara		Contact Person Reid Nitahara		
Mailing Address 66-220 Waialua Beach Road Haleiwa, HI 96712			Mailing Address 66-220 Waialua Beach Road Haleiwa, HI 96712				
Phone 808-341-0797	Fax NA	E-mail reidgalaxy6@gmail.com	Phone 808-341-0797	Fax NA	E-mail reidgalaxy6@gmail.com		
SOURCE INFORMATION							
<b>3. ISLAND</b> Oahu							
<b>4. AQUIFER SYSTEM AREA</b> Waialua			<b>4A. SUSTAINABLE YIELD FOR ITEM 4</b> 17 MGD				
<b>5. SOURCE INFORMATION</b> Attach additional sheets, if necessary.							
Well Number (if known)	Well Name	Existing or Proposed?	TMK		Flowmeter installed?		
TBD	Nitahara	Proposed	6 zone	6 sector	019 plat	046 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
			zone	sector	plat	parcel	<input type="checkbox"/> Yes, date installed ___/___/___ <input type="checkbox"/> No
USE INFORMATION							
<b>6. TOTAL QUANTITY OF WATER REQUESTED:</b> In the space below, enter total from Box M in Item 11 (Table 1) of this application. 14841 gallons per day, averaged over 1 year							
<b>7. USE:</b> <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							
<b>8. LOCATION OF WATER USE:</b> Show the location of the use on a map, attached as a .pdf to this application. See Item 11 (Table 1, column B) of this application.							
<b>Note 2:</b> 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) <b>the applicant is responsible for paying the public notice fees associated with this application.</b> 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 (if applicable)</b>				
 Signature Reid Nitahara Print Name			 Signature Reid Nitahara Print Name				
Date 8/18/23			Date 8/18/23				

**USE INFORMATION**

**11. TABLE 1: LAND USE CONSISTENCY** (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 LOCATION OF USE ATTACH THE FOLLOWING: • Property tax map, showing location of use • Photograph of the area of 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>											
	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						GPD
	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						GPD
	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						GPD
	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						GPD
<b>TOTAL POTABLE USE</b>											
									<b>K<sub>0</sub></b>		GPD
<b>USES THAT DO NOT REQUIRE POTABLE WATER</b>											
AGRAQ	6 - 6 - 019 : 046 zone - sector - plat - parcel	RES	<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired / / <input checked="" type="checkbox"/> No	AG-2	<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired / / <input checked="" type="checkbox"/> No	1 pond	4000	4000	Aquaponics		GPD
AGRAQ	6 - 6 - 019 : 046 zone - sector - plat - parcel	RES	<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired / / <input checked="" type="checkbox"/> No	AG-2	<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired / / <input checked="" type="checkbox"/> No	1 pond	5000	5000	Loi		GPD
AGRAQ	6 - 6 - 019 : 046 zone - sector - plat - parcel	RES	<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired / / <input checked="" type="checkbox"/> No	AG-2	<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired / / <input checked="" type="checkbox"/> No	1 pond	2000	2000	Koi Pond		GPD
AGRCP	6 - 6 - 016 : 046 zone - sector - plat - parcel	RES	<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired / / <input checked="" type="checkbox"/> No	AG-2	<input type="checkbox"/> Yes, date approved: / / <input type="checkbox"/> Yes, not acquired / / <input checked="" type="checkbox"/> No	2 acres	1920.5	3841	Various crops		GPD
									<b>TOTAL NON-POTABLE USE</b>	<b>L-14841</b>	GPD
									<b>TOTAL QUANTITY OF WATER REQUESTED (sum of total potable use and total non-potable use) =</b>	<b>M-14841</b>	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-5(5).

**USE INFORMATION (continued)**

**12. TABLE 2: AGRICULTURE/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 LOCATION OF USE ATTACH THE FOLLOWING: • Property tax map with an outline around the area of each irrigation use listed in this table. • Photograph of the area of each 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.)
6 - 6 - 019 : 046 zone sector plat parcel	Ulu	2.41	0.023	Jan	Dec	Trickle Drip	Deficit	
6 - 6 - 019 : 046 zone sector plat parcel	Herbs	2.41	0.023	Jan	Dec	Trickle Drip	Deficit	
6 - 6 - 019 : 046 zone sector plat parcel	Banana	2.41	0.046	Jan	Dec	Trickle Drip	Deficit	
6 - 6 - 019 : 046 zone sector plat parcel	Ti Leaf	2.41	0.184	Jan	Dec		Deficit	Trickle Drip - this form is not cooperating
6 - 6 - 019 : 046 zone sector plat parcel	Papaya	2.41	0.309	Jan	Dec		Deficit	Trickle Drip
6 - 6 - 019 : 046 zone sector plat parcel	Grass	2.41	1.033	Jan	Dec		Deficit	Multiple Sprinklers
6 - 6 - 019 : 046 zone sector plat parcel	Citrus	2.41	0.091	Jan	Dec		Deficit	Trickle Drip
- - - - - zone sector plat parcel								
- - - - - 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	NA	There is potable water available for the property. We do not want to waste the potable water for crops and aquaculture.
Wastewater reuse	NA	Paala Kai WWTP is adjacent to the property. Paala Kai does not have the capability to transmit wastewater.
Ditch system	NA	There are no ditch system near this property.
Desalinization	NA	Too cost prohibitive. By drilling deeper past the potable water in the aquifer, there is the possibility to contaminate the aquifer.
Surface water		There are no bodies of water on the property.
Other		

**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 use in your application is consistent with items [a] and [b] above.

This application is consistent as the well water will be used for aquaculture uses and agriculture. The well water will be for the procreation of fish. By drilling this well, potable water will not be wasted.

**15. KA PA'AKAI ANALYSIS:**

a. Please provide the identity and scope of cultural, historical, and natural resources in which traditional and customary Native Hawaiian rights are exercised in this area.

See attached

b. Identify the extent to which those resources, including traditional and customary Native Hawaiian rights, will be affected or impaired by the proposed action.

See attached

c. What feasible action, if any, could be taken to reasonably protect Native Hawaiian rights?

See attached

**OTHER PERTINENT INFORMATION**

**16. INTERFERENCE WITH THE RIGHTS OF THE DEPARTMENT OF HAWAIIAN HOME LANDS**  
 Explain how the use 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 DHHL does not have water reservations for this aquifer.

**17. INTERFERENCE WITH ANY EXISTING LEGAL USES**  
 Explain how the use of water will not interfere with any other existing legal use(s) of water.

There are numerous wells in the one mile radius, the minimal request for 0.0148mgd will not have an impact on the existing wells.

**18. EFFICIENCY**

If a water conservation plan was prepared, please attach to this application.

If no water conservation plan was prepared, please explain how your use of water will be as efficient as possible.

Monitoring of the flowmeter and checking for leaks to the irrigation system. By using trickle drip and deficit practices are the more efficient use of water.

**19. 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.
- If a Level-1 validated AWWA water loss audit was completed, please attach.

**20. CHAPTER 343**

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

If none of the above 11 items are applicable, no 343 compliance is necessary

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:

**21. TABLE 4: 12-MONTH AVERAGE CALCULATION AS OF THE DATE OF DESIGNATION. FOR EXISTING USES ONLY.**

MM/YY	AVERAGE DAILY PUMPAGE FOR THE MONTH (GALLONS PER DAY)	Check one per row			
		Metered	Estimated	Active but unknown	Inactive
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Well Name: Nitahara  
TMK# (1)6-6-019:046 Unit #2

Well # TBD  
GWUP# TBD

### PUBLIC INTEREST

**15a) Please provide the identity and scope of cultural, historical, and natural resources in which traditional and customary Native Hawaiian rights are exercised in the area.**

The Nitahara site is located in Waialua, O'ahu within the Kamananui Ahupua'a. The Kamananui ahupua'a is of great significance. According to anthropologist Marshall Sahlins, this ahupua'a was once the political and ritual center of Waialua. Of significant importance is Kūkaniloko, the sacred birthing place of ali'i kapu (sacred chiefs) (Kamakau 1991). Some people consider this place as the piko (navel or center) of O'ahu.

The moku of Waialua has four major streams that flow through the mountains to Waialua and Kaiaka bays and two large fishponds. In pre-contact times, there were large, irrigated taro fields on the floodplains of the streams and small fishing communities along the shore. There are numerous wahi pana in the moku including heiau, pōhaku and other ceremonial and/or religious structures. In the 1820s, the then ruling chief moved from the Kamananui ahupua'a to Anahulu Valley in the Kawaiiloa ahupua'a in which the ahupua'a boundaries were changed.

**15b) Identify the extent to which those resources, including traditional and customary Native Hawaiian rights, will be affected or impaired by the proposed action.**

In the late 1880s, Chinese immigrant laborers began buying taro land from the Hawaiians and converted it to rice farming. By the late 1890s, Oahu Railroad system had reached Waialua and Waialua Agriculture Company later named Waialua Sugar Company started cultivating sugar cane.

The cultural landscape of the Kamananui ahupua'a has been severely disturbed, obscured or destroyed, due to clearing and plowing of coastal and prime upslope agriculture land for sugarcane cultivation.

According to the Kipuka database, there are no historical sites or crown lands within the parcel.

The well site is located inland and does not contain any bodies of water. In general, it is difficult to understand the relationship of pumping groundwater to the impacts on surface water. Pump tests are important because they are a good way of predicting aquifer properties and potential impacts to resources like streams. Kaukonahua stream is Sustainable yield accommodates a certain amount of ocean discharge, and certainly cumulative impacts of all pumpage within the aquifer would be on a much larger order of magnitude than even if a 1:1 was somehow established between pumpage of this well and ocean discharge.

Therefore, no impacts to streams or ocean discharge are anticipated, and therefore no impacts on traditional and customary Native Hawaiian rights are anticipated.

**15c) What feasible actions, if any, could be taken by the Commission on Water Resource Management in regard to your application to reasonably provide protection of Native Hawaiian rights?**

Should significant archaeological features be uncovered, construction will be halted, and archeological consultation will be sought by the DLNR historical preservation divisions. According to the Hawai'i Ground Water Use Permit conditions, we understand that these conditions apply 3g. "Will not interfere with the rights of the Department of Hawaiian Homelands as provided in section 221 of the Hawaiian Homes Commission Acts", 6. "The ground water use authorized here is subject to the requirements of the Hawaiian Homes Commission Act, as amended, if applicable", 9f. "This permit may be modified by the Commission and the amount of the water initially granted to the permittee may be reduced if the Commission determines it is necessary to meet legal obligations to the Department of Hawaiian Homelands, if applicable".

If pump tests for this well show an impact on surface water, the Commission can then require applicants to petition to amend the instream flow standards. This process would address the impacts to Native Hawaiian rights because of loss of water to the stream.



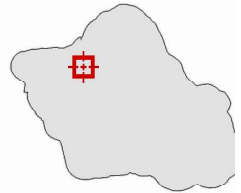
- AQUAPONIC 20,000 sq ft
- (Lo'i) TARO PATCH 15,000 sq ft
- TY LEAF 8,000 sq ft
- PAPAYA 13,500 sq ft
- Ulu TREE 1000 sq ft
- BANANA 2000 sq ft
- SOD 45,000 sq ft
- HERB GARDEN AREA 1,000 sq ft
- KOI PONDS AREA 4,000 sq ft
- LEMON + LIME TREE 4,000 sq ft







**Overview**



**Legend**

- Roads
- Parcels

<b>Parcel ID</b> 660190460000	<b>Situs/Physical Address</b> 66-220 WAIALUA BEACH RD	<b>Assessed Land Value</b>	<b>Last 2 Sales</b>			
<b>Acreage</b> 4.561		<b>Assessed Building Value</b>	<b>Date</b>	<b>Price</b>	<b>Reason</b>	<b>Qual</b>
<b>Class</b> AGRICULTURAL		<b>Total Property Assessed Value</b>	n/a	0	n/a	n/a
		<b>Total Property Exemptions</b>	n/a	0	n/a	n/a
		<b>Total Net Taxable Value</b>				

**Brief Tax Description** LOT 7-B LCAPP 1164 MAP 13.2.15 AC PARCEL 8-B POR RP 236:2.2.411 ACRES DES

(Note: Not to be used on legal documents)

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Date created: 10/7/2022  
 Last Data Uploaded: 10/7/2022 7:46:56 PM

Developed by Schneider GEOSPATIAL



undefined

Friday, October 7, 2022 | 5:42:46 PM

Select Unit:  ▼

**General Information**

TMK: 66019046:0002  
 Building Value: \$693,500.00  
 Building Exemption: \$100,000.00  
 Land Value: \$251,000.00  
 Land Exempt: \$0.00  
 Acres: 0  
 Square Feet: 0  
Property Tax Class: Residential  
 City: Waialua  
 Zip Code: 96791  
 Realtor Neighborhood: Waialua



Nearest Park: Waialua District Park [show route](#)

**Tax Bill Owner Information**

Name	Type	Address	Address 2	City State Zip
NITAHARA,REID A TR	Fee Owner	1792 KOI KOI ST		WAHIAWA HI 96786-2518

**2010 Census Information**

Tract Number: 009902  
 Block Number: 3001  
 Population (block): 881

**Voting Information**

City Council Member: Heidi Tsuneyoshi  
 Polling Place: Haleiwa Elem Sch  
 Address: 66-505 Haleiwa Rd  
 Neighborhood Board: North Shore

**School and Transit Information**

Elementary School: Haleiwa  
 High School: WAIALUA  
 Near Transit Route: Yes  
 Near Bus Routes: 76, 83

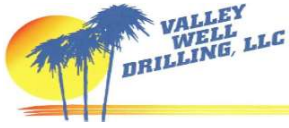
**Zoning and Flood Information**

Zoning (LUO) Designation: AG-2  
 Ohana Zoning Designation: Ineligible  
 FEMA Flood Designation: A / AE / XS / X  
 Tsunami Evacuation Zone: Yes

[more public safety info >>](#)

Information shown on these maps are derived from public records that are constantly undergoing change and do not replace a site survey, and is not warranted for content or accuracy.

2010 Assessed Values as of October 1, 2009.



Tracie Sober <tracie.sober@vwdhi.com>

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## Contact Info

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**Reid Nitahara** <reidgalaxy6@gmail.com>  
To: Tracie Sober <tracie.sober@vwdhi.com>

Wed, Jun 21, 2023 at 8:22 PM

Hi, Tracie Sober  
I Reid Nitahara would like to have Valley Well Drilling to apply for a  
groundwater use and well construction / pump installation permit.  
Just in case you need my mailing address is 66-220 Waialua Beach Rd  
Haleiwa, HI 96712.  
Thank you,  
Reid Nitahara  
[Quoted text hidden]