

**SURFACE WATER USE PERMIT APPLICATION
EXISTING USE (NA WAI EHA, MAUI)**

TABLE 1: 12-MONTH AVERAGE DAILY USE
Measured or Calculated Use of Water at the Source: (Check one) Stream Ditch Auwai
As of the Effective Date of Designation, April 30, 2008

MONTH / YEAR	AVERAGE DAILY USE FOR THE MONTH IN GALLONS PER DAY (GPD)	Check one item per box				OTHER Please describe
		METERED	ESTIMATED	ACTIVE BUT UNKNOWN	INACTIVE	
May 2007	18,468	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A two inch water meter was installed
June 2007	20,274	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	on December 30, 2007, the crop area and
July 2007	25,366	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	rainfall were similar in May to December 2007
August 2007	20,410	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	to that of May to December 2008.
September 2007	20,799	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Since I have no record of the use from
October 2007	16,801	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	May to December 2007 I used
November 2007	15,725	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	the meter readings of May to December 2008
December 2007	12,647	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	as my estimated use for the same period
January 2008	5,566	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	in 2007. The conditions in May to December 2008 had similar
February 2008	12,166	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	weather, the same crops and the same acreage.
March 2008	20,058	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
April 2008	20,274	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
SUM OF AVERAGE DAILY USE FOR THE MONTH	208,552					GPD
AVERAGE DAILY USE (Average of the above)	17,379					GPD

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TABLE 2: LAND USE CONSISTENCY/EFFICIENCY
(Attach additional copies of Table 2 if necessary)

LAND USE CONSISTENCY					EFFICIENCY OF USE				
1. PURPOSE / WATER USE CATEGORY	2. USE TMK ATTACH THE FOLLOWING: • Property tax map, showing use location in reference to established property boundaries • Photograph of the area of use	3. STATE LAND USE DISTRICT	4. CDUP REQ'D Enter either: Yes and Date approved, or Yes and not acquired, or No	5. COUNTY ZONING CODE	6. SMAP REQ'D Enter either: Yes and Date approved, or Yes and not acquired, or No	7. REQUESTED QUANTITY OF USE Gallons per Day (GPD)	8. SUB-METERED? (Yes or No)	9. UNITS OR NET ACREAGE	10. APPLICANT'S JUSTIFICATION FOR REQUESTED QUANTITY OF USE FOR ITEM 7. If applicable, attach sheets to show how this number was calculated. For irrigation uses, fill in Table 3.
Uses that require potable (drinking) water									
	- - - - - Zone Sector Plat Parcel								
	- - - - - Zone Sector Plat Parcel								
	- - - - - Zone Sector Plat Parcel								
	- - - - - Zone Sector Plat Parcel								
TOTAL POTABLE USE						 	GPD		
Uses that do not require potable water									
DOM	3 - 6 - 6 : 009 Zone Sector Plat Parcel	Urban	No	Ag	No	1,520	No	0.12	Agricultural Irrigation
DOM	3 - 6 - 6 : 013 Zone Sector Plat Parcel	Urban	No	Ag	No	3,759	No	1.0	Agricultural Irrigation
AGRILI	3 - 6 - 6 : 013 Zone Sector Plat Parcel	Urban	No	Ag	No	7,518	No	2.02	Agricultural Irrigation
AGRCP	3 - 6 - 6 : 013 Zone Sector Plat Parcel	Urban	No	Ag	NO	4,510	No	1.2	Agricultural Irrigation
Table 2 Continued On Next Sheet					TOTAL NON-POTABLE USE		17,379	GPD	
TOTAL USE REQUESTED (Sum of Total Potable Use and Total Non-Potable Use above) =						17,379	GPD		
If total use requested is not equal to the total monthly average in Table 1, please explain.									
In accordance with §174C-51(5), please explain if there are any limitations (legal, contractual, etc.) on the use(s) of water described above. The non potable use is from a kuleana ditch.									

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Uses that require potable (drinking) water									
	Zone - Sector - Plat : Parcel								
	Zone - Sector - Plat : Parcel								
	Zone - Sector - Plat : Parcel								
	Zone - Sector - Plat : Parcel								
TOTAL POTABLE USE									
Uses that do not require potable water									
Table 2 Page 2									
AGRLI	3 - 6 - 6 : 022 Zone Sector Plat Parcel	Urban	No	Ag	No	72	No	0.02	Agricultural Irrigation
	Zone - Sector - Plat : Parcel								
	Zone - Sector - Plat : Parcel								
	Zone - Sector - Plat : Parcel								
TOTAL NON-POTABLE USE						17,379			
TOTAL USE REQUESTED (Sum of Total Potable Use and Total Non-Potable Use above) =						17,379			
If total use requested is not equal to the total monthly average in Table 1, please explain.									
In accordance with §174C-51(5), please explain if there are any limitations (legal, contractual, etc.) on the use(s) of water described above.									

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TABLE 3: IRRIGATION INFORMATION

List all crops as separate line items and include landscape and golf course irrigation, grown in the 12 months prior to April 30, 2008. Attach additional copies of Table 3 if necessary.

1. USE TAX MAP KEY (TMK) Attach map outlining area and photo.	2. CROP	3. TOTAL ACREAGE	4. NET IRRIGATED ACREAGE	5. BEGIN ROWTH PERIOD (Month)	6. END GROWTH PERIOD (Month)	7. IRRIGATION SYSTEM (Refer to instructions.)	8. IRRIGATION PRACTICE (Refer to instructions.)
3 - 6 - 6 : 009 Zone Sector Plat Parcel	Bitter Melon	0.12	0.12	January	December	Trickle Drip	Apply a Fixed Depth per Irrigation
3 - 6 - 6 : 022 Zone Sector Plat Parcel	Pasture	0.06	0.02	May	April	Multiple Sprinkler	Apply a Fixed Depth per Irrigation
3 - 6 - 6 : 013 Zone Sector Plat Parcel	Taro	4.253	0.5	May	April	Trickle Drip	Apply a Fixed Depth per Irrigation
3 - 6 - 6 : 013 Zone Sector Plat Parcel	Bitter Melon	4.253	0.6	January	December	Trickle Drip	Apply a Fixed Depth per Irrigation
3 - 6 - 6 : 013 Zone Sector Plat Parcel	Fruit Trees	4.253	0.1	May	April	Trickle Drip	Apply a Fixed Depth per Irrigation
3 - 6 - 6 : 013 Zone Sector Plat Parcel	Landscaping	4.253	1.0	May	April	Mutiple Sprinklers	Apply a Fixed Depth per Irrigation
3 - 6 - 6 : 013 Zone Sector Plat Parcel	Pasture	4.253	2.0	May	April	Mutiple Sprinklers	Apply a Fixed Depth per Irrigation
- - - : Zone Sector Plat Parcel							
- - - : Zone Sector Plat Parcel							
- - - : Zone Sector Plat Parcel							

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TABLE 4: ALTERNATIVES ANALYSIS

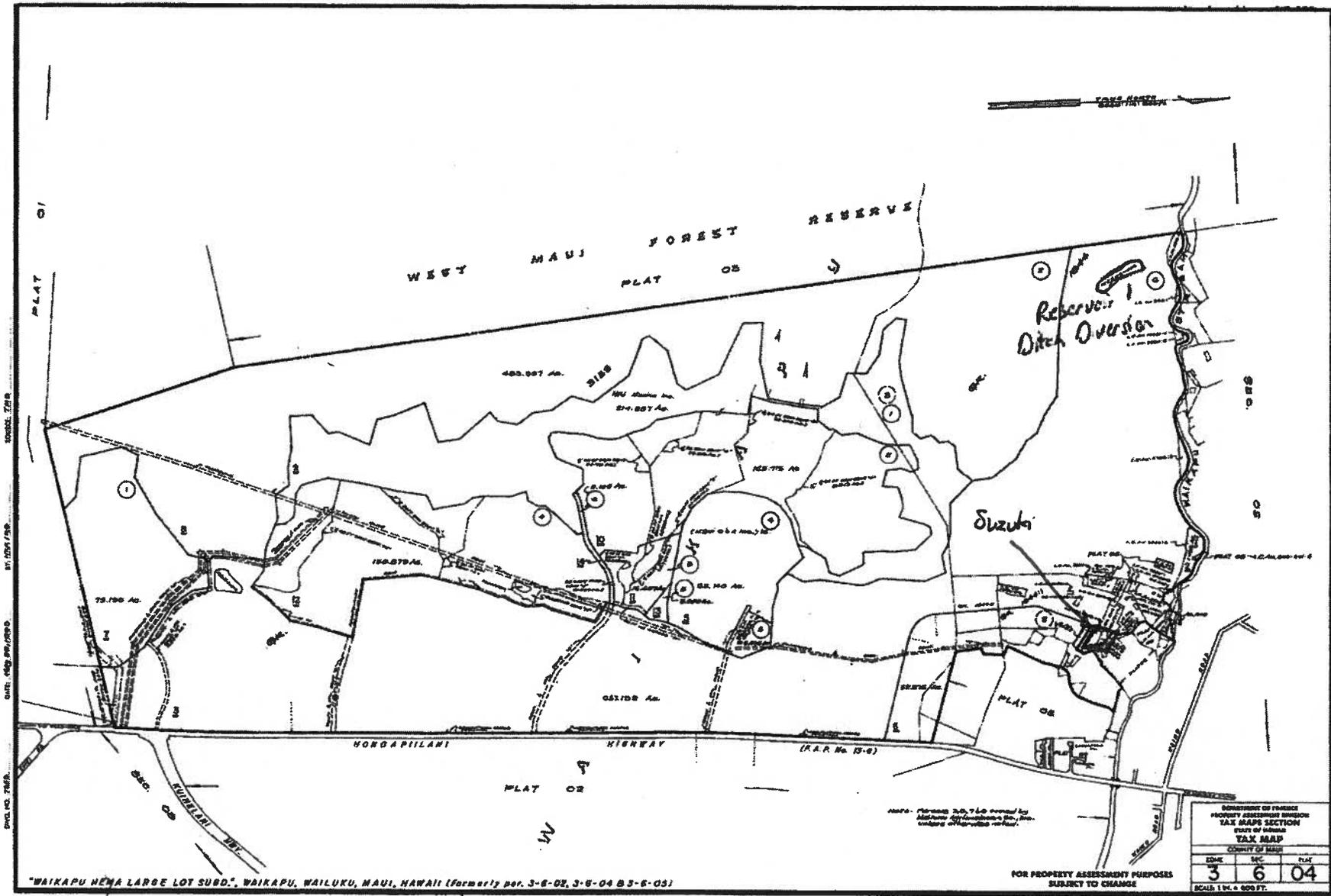
	Potable Alternatives Attach additional sheets if necessary.	Non-Potable Alternatives Attach additional sheets if necessary.
Municipal sources	Wailuku Water Company use of municipal water for customers is cost prohibitive	Water for non potable use is not available from the municipal source
Wastewater reuse	The Kahului Wastewater Treatment plant has no feeder lines in the area, the cost to install a distribution line from the treatment plant to Wailuku's Ditch System is cost prohibitive	The Kahului Wastewater Treatment plant has no feeder lines in the area, the cost to install a distribution line from the treatment plant to Wailuku's Ditch System is cost prohibitive
Ditch system	There are no other ditch system available	There are no other ditch system available
Desalinization	There are no Desalinization plants on Maui	There are no Desalinization plants on Maui
Ground water	Pumping of ground water is cost prohibitive	Pumping of ground water is cost prohibitive
Other (specify)	Storm Water reclamation has no facilities as of this date	Storm Water reclamation has no facilities as of this date

PUBLIC INTEREST

§174C-2(c) states that: *The 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.*

Explain below how the uses in your application are consistent with the public interest as described above. Attach additional sheets if necessary.

Water used in the three TMK 3-6-6-009, 3-6-6-013 and 3-6-6-022 are consistent with the state water code in that the water is used for domestic irrigation and agricultural irrigation uses. TMK 3-6-6-009 0.12 acres and TMK: 3-6-6-013 3.253 of the 4.253 acres were dedicated land for agricultural use with the County of Maui in 2003 for a period of 10 years.



"WAIKAPU HEWA LARGE LOT SUBD.", WAIKAPU, WAILUKU, MAUI, HAWAII (formerly par. 3-6-02, 3-6-04 & 3-6-05)

DEPARTMENT OF PUBLIC PROPERTY ADMINISTRATION
TAX MAPS SECTION
CITY OF HONOLULU
TAX MAP

COUNTY OF MAUI		
EDIC	SEC.	PLAT
3	6	04

SCALE: 1 IN. = 400 FT.

FOR PROPERTY ASSESSMENT PURPOSES
SUBJECT TO CHANGE



Reservoir 1



Suzuki Farm #1



Suzuki Farm #2



Suzuki Farm #3



Suzuki Pasture #1



Suzuki Pasture #2



Suzuki Pasture #3



Suzuki Landscape #1



Suzuki Landscape #2



Suzuki Landscape #3