

# Waiolani Mauka Community Association, Inc.

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## LETTER OF TRANSMITTAL

April 20, 2009

**TO:** Commission on Water Resource Management  
**FROM:** Cindy Lee, Managing Agent  
**RE:** SWUPA-E Form

RECEIVED  
COMMISSION ON WATER  
RESOURCE MANAGEMENT  
2009 APR 22 AM 9:21

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DELIVERY BY:  PICK-UP  HAND-DELIVERY  MAIL

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<u>ORIGINAL</u>	<u>COPY</u>	<u>DESCRIPTION</u>
1		Application for Surface Water Use, picture of Iao-Waikapu Ditch and 2 maps of the Association..
	15	Same Application
1		Check # 1544, Application Fee

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<input checked="" type="checkbox"/> For your information	<input checked="" type="checkbox"/> For filing
<input type="checkbox"/> For your signature	<input type="checkbox"/> Per our conversation
<input type="checkbox"/> For review & comment	<input checked="" type="checkbox"/> For further processing
<input type="checkbox"/> For return upon completion	<input type="checkbox"/> For approval

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**REMARKS:** If you have any questions or concerns please contact our office at 808-986-0099 or by email at [waiolanimauka@aol.com](mailto:waiolanimauka@aol.com)



**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	87,232	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
June 2007	79,740	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
July 2007	63,732	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
August 2007	64,813	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
September 2007	94,503	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
October 2007	416,323	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
November 2007	50,787	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
December 2007	4,981	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
January 2008	4,406	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
February 2008	2,538	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
March 2008	22,903	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
April 2008	13,617	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>SUM OF AVERAGE DAILY USE FOR THE MONTH</b>	905,575	<b>GPD</b>				
<b>AVERAGE DAILY USE (Average of the above)</b>	75,465	<b>GPD</b>				

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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.
<b>Uses that require potable (drinking) water</b>									
	____ - ____ - ____ : ____ Zone            Sector            Plat            Parcel								
	____ - ____ - ____ : ____ Zone            Sector            Plat            Parcel								
	____ - ____ - ____ : ____ Zone            Sector            Plat            Parcel								
	____ - ____ - ____ : ____ Zone            Sector            Plat            Parcel								
<b>TOTAL POTABLE USE</b>									
							<b>GPD</b>		
<b>Uses that do not require potable water</b>									
IRRPA	3 - 5 - 032 : 106 Zone            Sector            Plat            Parcel	Urban	No	R2Res.	No	62,000	No	2.0 acres	County required public park
IRRLA	3 - 5 - 032 : VAR Zone            Sector            Plat            Parcel	Urban	No	R2Res.	No	13,465	No	0.5	Common area, county required street trees, entry way and 5 street island
	____ - ____ - ____ : ____ Zone            Sector            Plat            Parcel								
	____ - ____ - ____ : ____ Zone            Sector            Plat            Parcel								
<b>TOTAL NON-POTABLE USE</b>						75,465		<b>GPD</b>	
<b>TOTAL USE REQUESTED (Sum of Total Potable Use and Total Non-Potable Use above) =</b>						75,465		<b>GPD</b>	
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 water is to be used for the county required street trees, common areas, entry way, 5 street islands and the county required public park.									

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

**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.)
<u>3</u> - <u>5</u> - <u>032</u> : <u>106</u> Zone Sector Plat Parcel	Turf Grass	2.0	2.0	May	April	multiple sprinklers	Apply a fixed depth per irrigation
<u>3</u> - <u>5</u> - <u>032</u> : <u>VAR</u> Zone Sector Plat Parcel	Landscape for common areaa	0.5	0.5	May	April	Trickle Drip	Apply a fixed depth per irrigation
<u>R</u> - - - : Zone Sector Plat Parcel							
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**TABLE 4: ALTERNATIVES ANALYSIS**

	<b>Potable Alternatives</b> Attach additional sheets if necessary.	<b>Non-Potable Alternatives</b> 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 residential subdivision common areas, for county required street trees and county required public park for public recreation and scenic beauty.

Water use Areas



HONAPIILANI HIGHWAY (F.A.P. No. 13-C)

PILIKANA STREET

LEWAI DRIVE

OLD GOVERNMENT ROAD RIGHT-OF-WAY

TMK 3-5-032-106  
PUMP SITE  
WATER AREA

Island

Island

Island

Island

Island





Reservoir 10  
Iao-Waikapu Ditch



**Waiolani MaUKA sUBDIVISION 001.JPG**



**Waiolani MaUKA sUBDIVISION 003.JPG**



**Waiolani MaUKA sUBDIVISION 004.JPG**



**WMCA PARK 058.JPG**