

**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	54,459	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
June 2007	91,209	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
July 2007	93,295	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
August 2007	89,388	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
September 2007	72,805	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
October 2007	65,242	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
November 2007	38,226	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
December 2007	28,931	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
January 2008	45,566	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
February 2008	48,630	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
March 2008	60,770	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
April 2008	78,828	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
SUM OF AVERAGE DAILY USE FOR THE MONTH	766,828	GPD				
AVERAGE DAILY USE (Average of the above)	63,902	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									
INDOTH	3 - 5 - 01 : 067 Zone Sector Plat Parcel	Urban	No	Project District 3	No	63,902	No	200 acres	per County of Maui requirements for dust control
	____ - ____ - ____ : ____ Zone Sector Plat Parcel								
	____ - ____ - ____ : ____ Zone Sector Plat Parcel								
	____ - ____ - ____ : ____ Zone Sector Plat Parcel								
TOTAL NON-POTABLE USE						63,902	GPD		
TOTAL USE REQUESTED (Sum of Total Potable Use and Total Non-Potable Use above) =						63,902	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.									

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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.)
<u>3</u> - <u>5</u> - <u>01</u> : <u>67</u> Zone Sector Plat Parcel	dust control	200		May	April	Other water trucks	Other dust control
_____ - _____ - _____ : _____ Zone Sector Plat Parcel							
_____ - _____ - _____ : _____ Zone Sector Plat Parcel							
_____ - _____ - _____ : _____ Zone Sector Plat Parcel							
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TABLE 4: ALTERNATIVES ANALYSIS

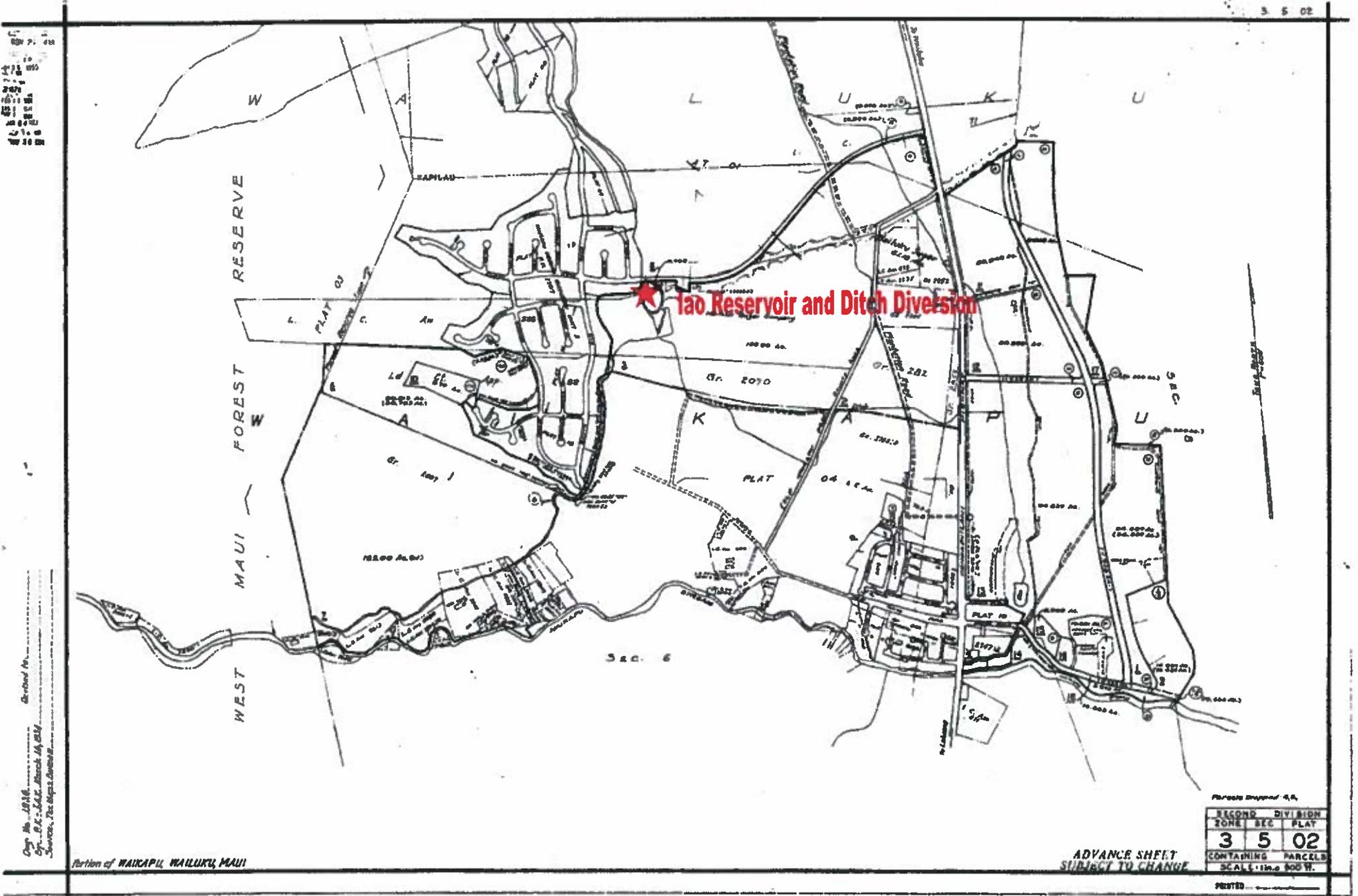
	Potable Alternatives Attach additional sheets if necessary.	Non-Potable Alternatives Attach additional sheets if necessary.
Municipal sources	Wailuku Water Company use of municipal water for customers is cost prohibitive	Water for non potable use is not available from the municipal source
Wastewater 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.

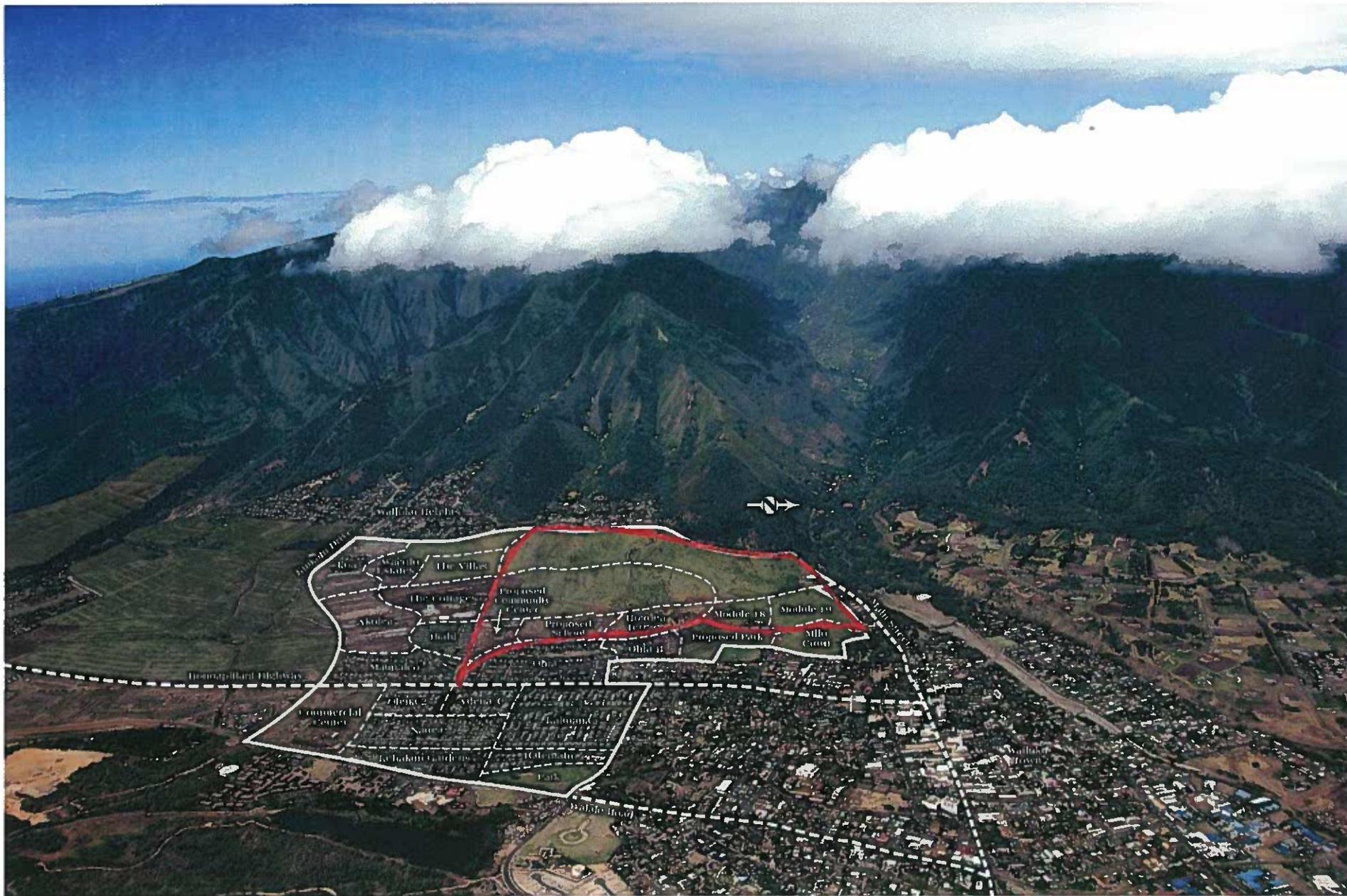
The County of Maui requires dust control for construction work.



3-5-2 TMK Map with Approximate Location of Iao Reservoir and Ditch Diversion



Existing Use Area TMK Map for 3-5-1: 67



Existing Use Area Aerial Picture for 3-5-1: 67



Reservoir 10
Iao-Waikapu Ditch