



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

APPLICATION FOR SURFACE WATER USE PERMIT FOR EXISTING USE IN THE NA WAI EHA, MAUI, SURFACE WATER MANAGEMENT AREAS

FORM SWUPA-E (NA WAI EHA, MAUI)

For detailed instructions on filling out this application, refer to the attached instructions.

For Official Use Only RECEIVED COMMISSION ON WATER RESOURCE MANAGEMENT 2009 APR 24 AM 10:04 Event ID:

APPLICANT INFORMATION Note: In accordance with... a terminable interest or estate in the land, which is the water source of the surface water, applies for a water permit, the landowner shall also be stated as a joint applicant for the water permit.

1. APPLICANT'S NAME Steve Haller; Applicant's Contact Steve Haller; 2. SOURCE LANDOWNER'S NAME Wailuku Water Company; Source Landowner's Contact Clayton Suzuki; Applicant's Mailing Address, or Principal Place of Business 1060 East Kuiaha Road Haiku, HI 96708; Source Landowner's Mailing Address, or Principal Place of Business 255 East Waiko Road Wailuku, HI 96793; Applicant's Phone, Applicant's Fax, Applicant's E-mail; Source Landowner's Phone 808-244-2208; Source Landowner's 808-242-7068; Source Landowner's E-mail csuzuki@wailukuwater.com

EXISTING SOURCE INFORMATION

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) labeled with stream and diversion locations and quad map name. • Property Tax Map Key (TMK), showing stream or diversion location, and location of water use referenced to established property boundaries. • Photograph(s) of the surface water diversion works and end use.

3. SURFACE WATER HYDROLOGIC UNIT AND CODE: [X] Waihee/6022 [X] Waiehu/6023 [X] Iao/6024 [] Waikapu/6001

4. DIVERSION LOCATION: Choose the appropriate category and enter information in either 4a or 4b.

4a. TMK OF STREAM DIVERSION LOCATION: Zone Sector Plat Parcel; 4b. TMK OF DITCH DIVERSION LOCATION: Zone Sector Plat Parcel

5. STREAM DIVERSION: How is water diverted from the stream to your property? Check all that apply. [X] Pipe [] Pump [] Ditch/auwai [] Other Describe: Is the diverted water returned to the stream or ditch? [] Yes. [X] No. If yes, how much water is returned?

6. FLOW MEASUREMENT INFORMATION: Does the stream diversion have a flowmeter with totalizer or other device to measure diverted amounts? [X] Yes. Enter the installation date: Waihee Ditch/6022 1907, The Rest Are Unknown Describe the device and enter measured amounts in Table 1. Waihee/6022 & Iao/602 Weir with 24 Hour gauge, Waiehu/6023 Weir [X] No. Explain how you are measuring flow to justify amounts shown in Table 1 in the space below Eight inch McMrometer Water Meter Serial# 08-02893-OF, Installed 11/2004

EXISTING USER INFORMATION

7. APPURTENANT RIGHT: Do you claim an appurtenant right for your water use? [X] Yes [] No If yes, has the appurtenant right been established by the courts or the Commission? [] Yes [X] No

8. END USER INFORMATION: Are you an end user on an existing water system? [X] Yes [] No If yes, who is the operator of the water system? Wailuku Water Company

9. REGISTRATION AND DECLARATION OF WATER USE: Do you have a Registration and Declaration of Water Use with the Commission? [X] Yes. List the file reference name(s): Wailuku Agrib [] No

10. STREAM DIVERSION WORKS PERMIT (SDWP): Have you ever been issued a SDWP by the Commission? [] Yes. List the permit number(s): [X] No

NOTE: 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. Furthermore, 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 will be subject, but not limited, to any existing legal uses, changes in sustainable yields and instream flow standards, Hawaiian Home Lands uses, and any other conditions imposed by the Commission; and 3) the applicant is responsible for paying the required public notice fees associated with this application.

11. APPLICANT Signature Steve Haller Print Steve Haller Date 4-22-09; 12. SOURCE LANDOWNER Signature N/A Print Date

FILE ID: SWUP.2287.6 DOC ID: 3299 ✓

**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	26,997	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
June 2007	38,007	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
July 2007	32,374	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
August 2007	23,842	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
September 2007	25,740	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
October 2007	29,584	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
November 2007	17,773	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
December 2007	1,742	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
January 2008	6,858	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
February 2008	5,972	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
March 2008	17,029	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
April 2008	8,313	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
SUM OF AVERAGE DAILY USE FOR THE MONTH	234,232					GPD
AVERAGE DAILY USE (Average of the above)	19,519					GPD

3-11-00-11-5
0017470041

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

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												
Uses that do not require potable water												
AGRCP	3	4	31	001	Agricultural	N	Agricultural	N	17,567	Y		To irrigate field crops
AGRON	3	4	31	001	Agricultural	N	Agricultural	N	1,952	Y		To maintain plant growth
Zone	Sector	Plat	Parcel									
Zone	Sector	Plat	Parcel									
TOTAL NON-POTABLE USE						19,519			GPD			
TOTAL USE REQUESTED (Sum of Total Potable Use and Total Non-Potable Use above) =						19,519			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.												

**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 (TMM) Attach map outlining area and photo.				2. CROP	3. TOTAL ACREAGE	4. NET IRRIGATED ACREAGE	5. BEGIN GROWTH PERIOD (Month)	6. END GROWTH PERIOD (Month)	7. IRRIGATION SYSTEM (Refer to instructions.)	8. IRRIGATION PRACTICE (Refer to instructions.)
3	4	31	001	eggplant	46	4	continual	continual	trickle, drip	irrigate to field capacity
3	4	31	001	tomato	46	2	continual	continual	trickle, drip	irrigate to field capacity
3	4	31	001	squash	46	2	continual	continual	trickle, drip	irrigate to field capacity
3	4	31	001	bittermelon	46	2	continual	continual	trickle, drip	irrigate to field capacity
3	4	31	001	peanut	46	1	continual	continual	trickle, drip	irrigate to field capacity
3	4	31	001	bananas	46	2	continual	continual	trickle, drip	irrigate to field capacity
3	4	31	001	coconut	46	2	continual	continual	trickle, drip	irrigate to field capacity
3	4	31	001	peppers	46	2	continual	continual	trickle, drip	irrigate to field capacity
3	4	31	001	taro	46	1	continual	continual	trickle, drip	irrigate to field capacity
3	4	31	001	cucumber	46	2	continual	continual	trickle, drip	irrigate to field capacity

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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 (Zona, Sector, Plat, Parcel) Map of the drainage area and flood	2. CROP	3. TOTAL ACREAGE	4. NET IRRIGATED ACREAGE	5. BEGIN GROWTH PERIOD (Month)	6. END GROWTH PERIOD (Month)	7. IRRIGATION SYSTEM (Refer to instructions)	8. IRRIGATION PRACTICE (Refer to instructions)
3 - 4 - 31 : 001 <small>Zona Sector Plat Parcel</small>	onions	46	2	continual	continual	trickle, drip	irrigate to field capacity
3 - 4 - 31 : 001 <small>Zona Sector Plat Parcel</small>	Oranges	46	1	continual	continual	trickle, drip	irrigate to field capacity
3 - 4 - 31 : 001 <small>Zona Sector Plat Parcel</small>	bok choy	46	1	continual	continual	trickle, drip	irrigate to field capacity
3 - 4 - 31 : 001 <small>Zona Sector Plat Parcel</small>	beans	46	1	continual	continual	trickle, drip	irrigate to field capacity
3 - 4 - 31 : 001 <small>Zona Sector Plat Parcel</small>	ornamental & nursery plants	46	6	continual	continual	multiple sprinklers	irrigate to field capacity
- - - - : - <small>Zona Sector Plat Parcel</small>							
- - - - : - <small>Zona Sector Plat Parcel</small>							
- - - - : - <small>Zona Sector Plat Parcel</small>							
- - - - : - <small>Zona Sector Plat Parcel</small>							
- - - - : - <small>Zona Sector Plat Parcel</small>							
- - - - : - <small>Zona Sector Plat Parcel</small>							

3-11-09 1:15PM : 809242708

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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

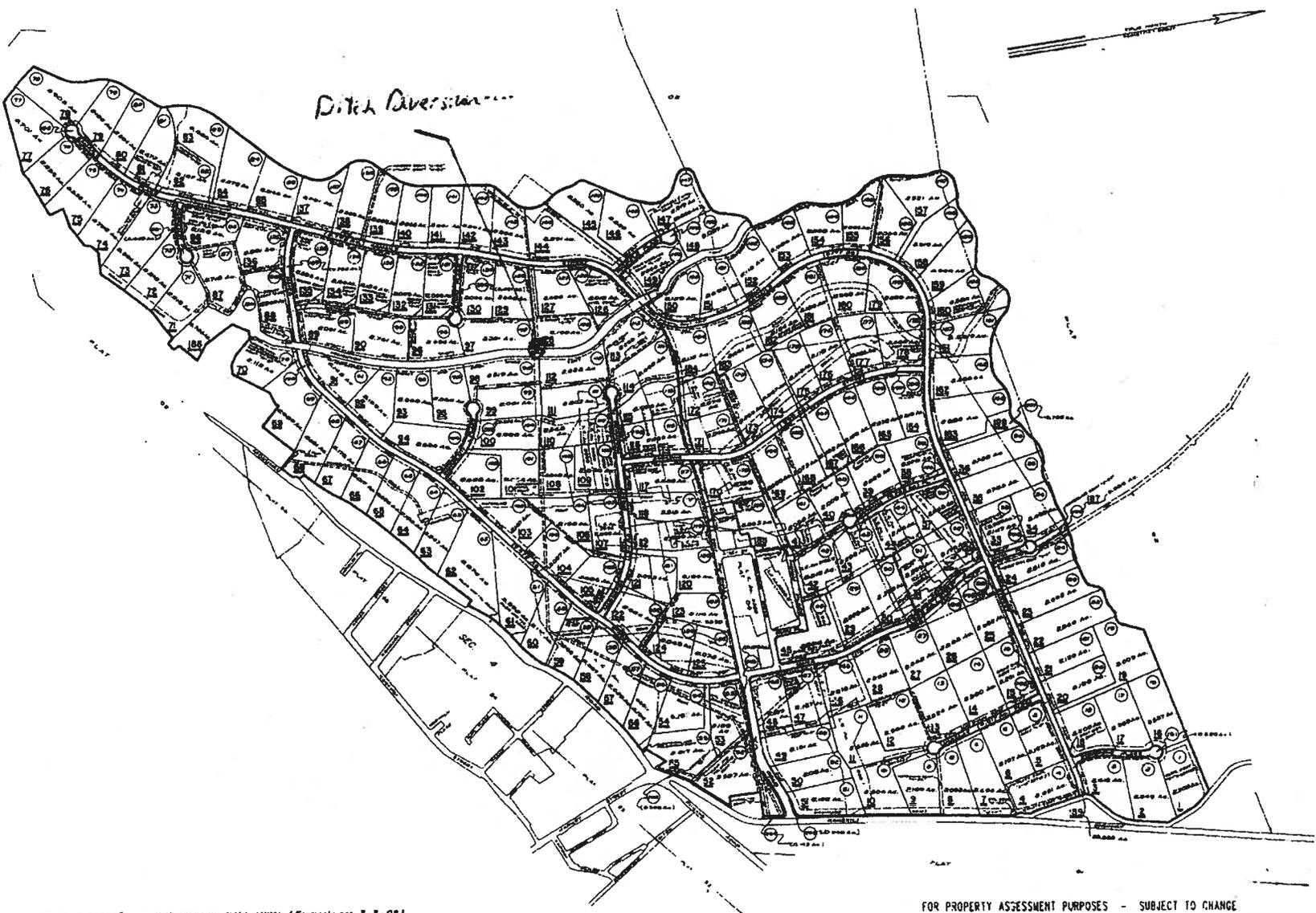
PUBLIC INTEREST

§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.

This application submitted by Steve Haller, TMK 3-4-31-001, is consistent with the public interest as described in § 174C-2(c) as the water needs on this application supply a consistant production of locally grown produce. The variety of crops fulfill the needs of Maui's residents.

MAP NO. 2367
REV. 05/2004
DATE AUGUST 24, 2004
SHEET 1 OF 1



WAILUUA COUNTRY ESTATES, P. P. 2367, WAILUUA, MAUI, HAWAII (Formerly par. 3-3-02)

FOR PROPERTY ASSESSMENT PURPOSES - SUBJECT TO CHANGE

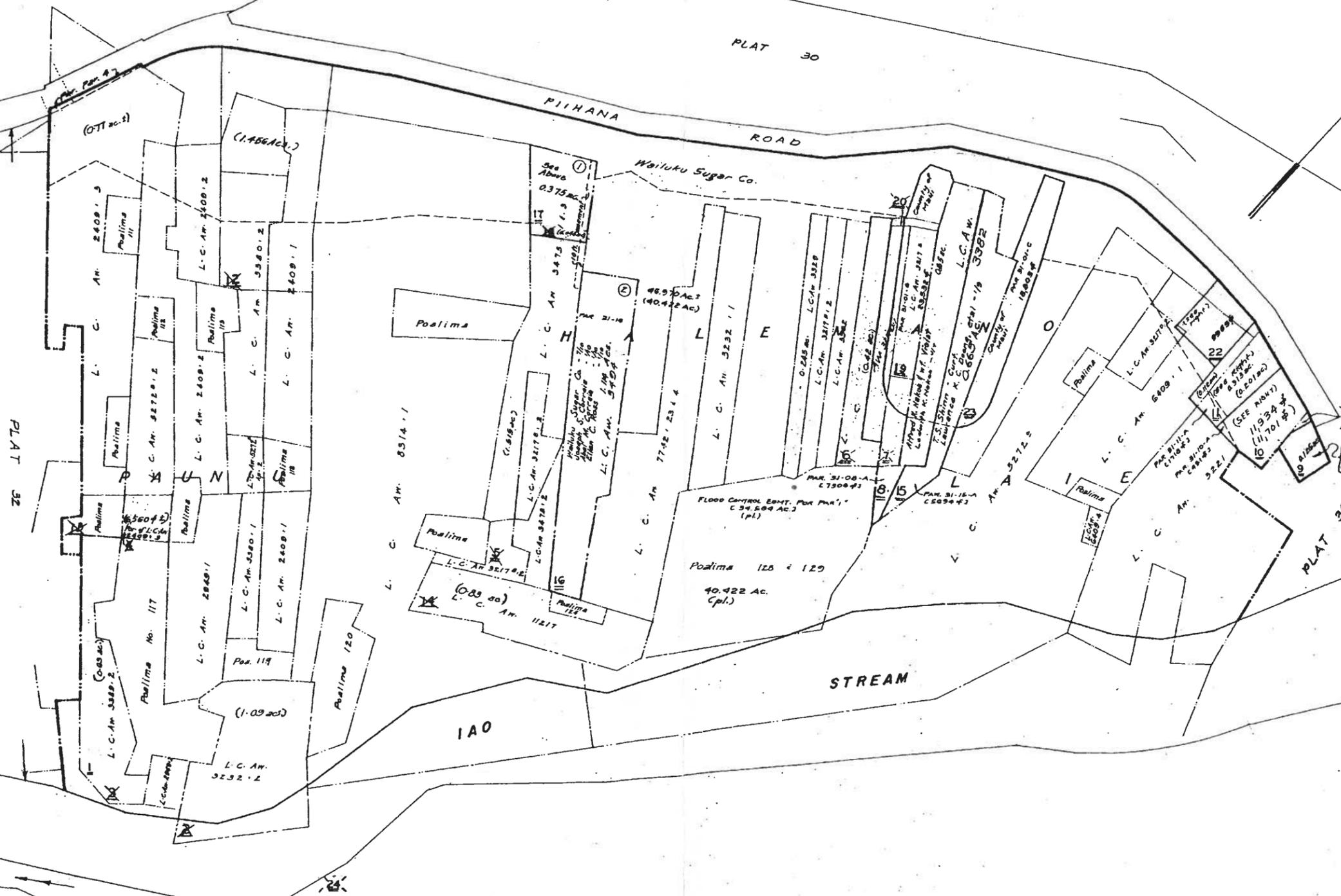
DEPARTMENT OF LANDS PROPERTY ESTIMATION DIVISION MAUI OFFICE SCALE OF 1 INCH = 300 FEET TAX MAP		
COUNTY OF MAUI		
ZONE	SECTION	PLAT
3	3	17
SCALE: 1 IN = 300 FT		

CORRECTED
 JUN 14 1943
 SEP 12 1940
 MAR 13 1941
 DEC 1 1942
 MAR 25 1945
 FEB 15 1945
 APR 19 1945
 AUG 7 1945
 AUG 20 1945
 MAR 7 1946
 NOV 20 1947
 JUN 5 1970
 JAN 6 1971
 FEB 22 1976
 FEB 9 1981
 MAR 10 1985

ZONE 3 SEC. 3

ZONE 3 SEC. 3

Owners of Parcel 17:
 Wailuku Sugar Co. - 1/2
 Joseph S. Corrois - 1/4
 Abel M. Corrois - 1/4
 Ellen C. Ross - 1/4



10 Edward F. Rivers - 1/2
 David F. Rivers - 1/4
 Moses Rivers - 1/4
 Isabel Rivers - 1/4
 David F. Rivers (1931 &)
 David F. Rivers (1933 &)

22 Henrietta P.K. Kane
 Kapuleilani A. Kane
 Harry K. Kane
 Irene L. Kane
 David K. Kane
 Winona L. Kane - Jr

U Mary K. Kahlanee - 1/2
 Annie Aole - 1/4
 Miriam Aole - 1/4
 Mary A. Aole - 1/4

(Annie Miriam,
 Mary P. Mary K.
 George Aole, Jr)

Map No. 1889
 By N.A. Tax Maps Bureau
 Source: Revised to

Por. of WAILUKU TOWN, MAUI

ADVANCE SHEET. SUBJECT TO CHANGE.

Dropped Parcels: 3, 4, 20, 7, 8, 12, 14, 21

SECOND DIVISION	
ZONE	SEC. PLAT
3	4 31
CONTAINING PARCELS	
SCALE: 1 in = 100 ft.	
PRINTED	



Piihana Intake
Waihee Ditch





