

TESTIMONY FOR THE MEETING OF THE COMMISSION ON WATER RESOURCE
MANAGEMENT ON November 18, 2025

Testimony on Agenda Item C. 1. Deputy Director – Summary of Existing Water Use
Permit Applications for Public and Private Water Systems in the Lahaina Surface and
Groundwater Management Area, Maui

Background. My name is Michael Gronemeyer. I am a full-time resident of West Maui since 2004. I am 76 years old. I am testifying on my own behalf. I am sorry that I am unable to testify in person due to important schedule conflict.

I have participated in numerous community meetings including several CWRM meetings in the last 7 years.

I have previously thanked CWRM for taking on this extremely challenging task of establishing a new large WMA; I know it is difficult and time consuming.

In previous CWRM testimony (April 28, 2025) “I expressed the same concerns voiced by many others, that CWRM did not have sufficient resources to effectively manage/administer this designation or achieve the benefits intended.”

I also alerted CWRM that “Incomplete and inaccurate information was provided to CWRM by HWS in 2023 concerning existing uses. This was not just “estimating error” this is major deviation from easily accessed actual data. In August 2023 before HWS submitted its application. I provided numerous examples of errors related to existing usage. I have been told that HWS is “working on it” but I have not seen evidence that they have made good progress.”

Today’s testimony

In today’s testimony, I focused on the 103 homeowner lots and 5 roadway lots in my neighborhood (TMK Lots 4-2-005, 008, 009) because I am very familiar with those lots. I’ve lived in this neighborhood full time for over 12 years. This neighborhood is zoned agricultural and owner lots have access to both groundwater and surface water.

I was shocked to see the amount of disinformation, errors and omissions still existing in the material provided for these TMKs. The information represents a high degree of inaccuracy with a major impact on outcomes. I previously predicted that this would be a difficult job and would take longer than anyone anticipated, but I expected a reasonable amount of diligence.

Faulty assumptions

Over 85% of the groundwater usage shown for these TMK’s is “projected usage” and is not consistent with actual usage. These erroneous assumptions were spelled out in the notes in the HWS material and apparently accepted without question. In addition,

someone apparently decided to classify all ag land as R3 residential and classify lots as non-owner occupied when that tax classification is only for real property improved with a dwelling that would not be classified as "owner-occupied," "hotel and resort," "time share," "TVR-STRH," "commercial," "industrial," "commercialized residential," or "long-term rental." Unfortunately, this "projected" ag lot water usage also assumes that groundwater would be used to landscape the entire lot, which of course no one is doing (or would do) because the lots have surface water for irrigation and this is ag land with 40 to 50% gulches.

The **actual average ground water usage reported by HWS for lots with dwellings**, whether owner occupied or not, is **667 GPD**. If we used that average for ground water for all 103 lots, the usage would be only 29% of the usage shown on the CWRM "Lahaina_MeteredUse_Master.xls".

This means that the ground water data and conclusions presented by CWRM are based on faulty assumptions and data. Over 85% of the total usage of groundwater shown for these lots is projected using flawed assumptions. In other words, the Lahaina_MeteredUse_Master.xls reports almost 4 times the amount of usage based on actual average usage instead of the inflated projected usage. (projected 2,669 GPD per lot versus actual average of 667 GPD per lot). Even if you used 1,000 GPD per lot, which was more than reported for almost all lots, the usage would be almost 60% less than the total in CWRM spreadsheet for these lots.

Incorrect classification

For some reason this master spreadsheet classifieds these properties as R-3 residential, which of course they are not. Also, our neighborhood does not allow transient vacation rentals but we do have one long term rental. Almost all of the non-owner-occupied properties are second homes or in transition to owner occupied. It can take 12 to 24 months from the time an owner occupant moves into a property as the primary resident, until the Real Property Assessment Division approves "Owner Occupant" status.

Significant omissions

For some unknown reason, there are 14 homeowner lots (out of 103) in this neighborhood which are not included in this ground water analysis. There are also 2 golf course lots which are listed as R-3 residential and should not be included in any owner-occupied analysis.

Surface water use analysis

The lots in this range of TMKs (4-2-005, 008, 009) include all the lots on the groundwater spreadsheet as well as other lots which are only using surface water. For example, neighborhood roadway lots which have irrigation on both sides of the street and the lots owned by the water company which is irrigated and landscaped (about 7 acres), and property owned by MLP (265 acres).

Significant omissions

The surface water spreadsheet also has a very high percentage of missing lots; approximately 30% of the TMK in this range are not included in the CWRM master spreadsheet (37 missing of 122 total). Many of these missing lots are owned by the neighborhood homeowners. Also a few of the roadway lots (about 30 acres) are not included in the usage numbers but have been using surface water for years.

Conclusion

Based on what I have seen so far **(an error rate approximating 50%)**, I regret to say that the data CWRM is presenting at this time has very little credibility. If this is even remotely representative of the full set of data this is appalling.

I am somewhat surprised that 39 months from the August 5, 2022 notice, providing all users one calendar year to submit their application, we have still not completed step one!

I would strongly recommend that water providers and CWRM apply a much higher degree of critical thinking and diligence before drawing conclusions on information that is so inaccurate.

Respectfully

Michael Gronemeyer



November 17, 2025

Via Electronic Mail

Commission on Water Resource Management
Kalanimoku Building
1151 Punchbowl Street, Room 227
Honolulu, Hawai'i 96813
dlmr.cwrmm@hawaii.gov

Re: Agenda Item C1: Summary of Existing Water Use Permit Applications for Public and Private Water Systems in the Lahaina Surface and Groundwater Management Area, Maui

Aloha e Chair Chang and Commissioners,

Mahalo for the opportunity to comment on the existing water use permit applications ("WUPAs") in the Lahaina Surface and Groundwater Management Area. By this testimony, Earthjustice reiterates the serious concerns raised in its November 17, 2025 letter to this Commission regarding the ongoing use of potable groundwater to irrigate the Kapalua Golf Course.¹ As detailed in the letter, it has come to our attention that Chair Chang has unilaterally and unlawfully allowed this use of groundwater to continue through written communications sent from the Chair to Maui Land & Pineapple, Co. ("MLP") and Hawaii Water Service ("HWS") in August 2025. The Chair's action contradicts not only the facts and law, but also Deputy Director Kahahane's analysis and recommendation to the Governor that this use of groundwater to irrigate the courses is "not allowed under the Water Code."

Neither the golf course owner, TY Management Corporation ("TY"), nor its water provider, HWS, has submitted an existing use WUPA to irrigate the golf course with groundwater. Based on established law and legally binding WUPA submissions, any use of groundwater as a substitute for irrigation at the Bay and Plantation golf courses *must cease immediately*. The only lawful way for TY to revive this use is by applying for and receiving a new use permit approved by the full Commission. For the reasons stated, Earthjustice requests that the Chair rescind her prior communications and clarify that the use of groundwater for irrigation at the Kapalua golf courses is *not* allowed unless and until these applicants meet their burden of proof under the governing legal standards and in compliance with due process requirements for interested parties.

¹ A copy of Earthjustice's November 17, 2025 letter to the Commission is attached to this testimony and incorporated herein.

Commission on Water Resource Management

November 17, 2025

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Ola i ka wai,

/s/ Dru N. Hara

Dru N. Hara, Esq.

Isaac H. Moriwake, Esq.

EARTHJUSTICE



November 17, 2025

Via Hand Delivery and Electronic Mail

Commission on Water Resource Management, State of Hawai'i

Attn: Chair Dawn N.S. Chang

Commissioner Kenneth S. Fink, M.D., MGA, MPH

Commissioner Aurora Kagawa-Viviani, Ph.D.

Commissioner Wayne Katayama

Commissioner Lawrence H. Miike, M.D., J.D.

Commissioner Hannah Kihalani Springer

Kalanimoku Building

1151 Punchbowl Street, Room 227

Honolulu, Hawai'i 96813

dlr.cwrn@hawaii.gov

Re: Request to Rescind and Correct Chair Chang's Correspondence Allowing Use of Groundwater for Irrigation Purposes on the Kapalua Bay and Plantation Golf Courses.

Dear Chair Chang and Commissioners:

It has come to our attention that Chair Chang, in written communications sent to Maui Land & Pineapple Company, Inc. ("MLP")¹ and Hawaii Water Service ("HWS")² in August 2025, has unilaterally and unlawfully allowed TY Management Corporation ("TY") to use potable groundwater for irrigation of the Kapalua Plantation Golf Course (the "golf course"). Based on the Chair's communications, MLP and HWS have provided, and are still providing, millions of gallons of potable water from MLP's Kapalua wells to irrigate the golf course since August,³ even while Maui Komohana continues to suffer from historic drought and kama'āina community members remain under strict water restrictions. This water use, and the Chair's correspondence purporting to allow it, not only violates the Commission's fiduciary duties under the constitution and the State Water Code, Hawai'i Revised Statutes ("HRS") Chapter 174C (the "Code"), it also offends the conscience of the public and Maui Komohana community members who trusted this commission to uphold the law in designating Maui Komohana's water resources for Commission management. To remedy this violation and injustice, Earthjustice requests that the Chair *take immediate action to rescind her prior communications*

¹ E-mail from Chair Chang to Race Randle, MLP CEO (Aug. 22, 2025) ("MLP e-mail") (attached as Exhibit 1).

² Letter from Chair Chang to Geoff Fulks, HWS General Manager (Aug. 28, 2025) ("HWS letter") (attached as Exhibit 2).

³ Estimates of this usage range as high as one million gallons for irrigation each day.

and clarify for the record that, based on the information in the applicable water use permit applications (“WUPAs”), the use of groundwater to irrigate the golf course is not allowed while the Commission is still processing and deciding on WUPAs.

Under the Code, a permit issued by the Commission is required for any consumptive use of water within a designated water management area.⁴ An application to continue an “existing use” must be submitted “within one year from the date of designation.”⁵ The permit application must specify both the “source of the water supply” and the “quantity of water requested.”⁶ Any use not included in a timely permit application is presumed abandoned.⁷ Should a user of water wish to revive an abandoned prior use, they must apply for a new use permit.⁸

In an August 22, 2025 email to MLP, Chair Chang stated “that temporary use of groundwater as a substitute for surface water during low flow periods is allowed for irrigation uses, including at the Bay and Plantation Golf Courses, pending Commission action on [HWS’s WUPA].”⁹ Chair Chang’s correspondence does not provide any factual and legal justification for this pronouncement, and none exists. Regardless of any potential allegations on how groundwater occasionally may have been substituted for surface water prior to designation, any such use may only be continued through a timely existing use WUPA. No such application has been filed here.

TY’s golf course parcels are duly accounted for in HWS’s surface water application, but are *not* included in HWS’s groundwater application.¹⁰ In its entire groundwater application, HWS specified water uses on only two small parcels owned by TY, totaling around 5.6 acres.¹¹ These parcels, described by the Commission staff as “accessory facilities to golf courses,” contain structures and parking lots.¹² In its own supplemental table submitted to the

⁴ HRS § 174C-48(a).

⁵ *Id.* § 174C-50(c).

⁶ *Id.* § 174C-51(3), (4).

⁷ *Id.* § 174C-50(c); see *In re Kukui (Moloka’i), Inc.*, 116 Hawai’i 481, 501, 174 P.3d 320, 340 (2007); *In re Waiāhole Ditch Combined Contested Case Hr’g*, 94 Hawai’i 97, 166, 9 P.3d 409, 478 (2000) (“Waiāhole”).

⁸ *Id.* § 174C-50(c).

⁹ MLP e-mail.

¹⁰ Hawaii Water Service, Kapalua Water System Application for Ground Water Use Permit, Appendix 1 (Aug. 5, 2023) (“GWUPA 01170”) (Appendix 1 of GWUPA attached as Exhibit 3).

¹¹ *Id.*

¹² CWRM, Summary of Existing Water Use Permit Applications for Public and Private Water Systems in the Lahaina Surface and Groundwater Management Area, Maui, Table 12 (Nov. 12, 2025), <https://files.hawaii.gov/dlnr/cwrmpublishedreports/PR202502.pdf>.

Commission concurrently with HWS's application, TY indicated only municipal uses of groundwater *and no irrigation use at all*.¹³ Based on the established record and legally binding WUPA submissions, any prior use of groundwater as a substitute for irrigation uses at the Bay and Plantation Golf courses—assuming any such use occurred and qualified as an “existing use” in the amounts that TY is currently using—has been abandoned given the failure to apply for a permit for such use within the statutory one-year period. Thus, the only way for TY to lawfully use groundwater for golf course irrigation is by applying for and receiving a new use permit approved by the full Commission.¹⁴

Indeed, the Commission's own Deputy Director reached this same conclusion. In an August 18, 2025 memorandum sent to the Governor's Office earlier in the week before Chair Chang's correspondence, Deputy Director Kahahane recognized that “MLP's wells were not being used to irrigate golf courses in Aug[ust] 2022; therefore, they cannot be used for this purpose now.”¹⁵ Her memorandum correctly noted that “[o]nly ‘existing uses’ at the time of designation can continue,” and “[n]ew water use permits are required for any new source.”¹⁶ Further, the Deputy Director advised that “[g]roundwater should not be used to irrigate golf courses, especially during a long and severe West Maui water shortage.”¹⁷ Chair Chang, nonetheless, went the exact opposite direction just days later in her August 22, 2025 email to MLP.

Chair Chang, in any event, lacked the authority to allow a water use in a Commission-designated water management area unilaterally and without any public notice and process. By law, any water use permit, including any “interim” permit the Commission may issue to allow an existing water use to continue pending the final decision on all permits, must be issued by *the Commission*, not its Chair.¹⁸ Further, the permit applicant bears the burden of proof to justify any water use, and the “Commission is duty bound to hold [the applicant] to its burden under the Code and the public trust doctrine.”¹⁹ The Chair lacked any authority to allow “temporary use of groundwater as a substitute for surface water during low flow periods . . . for irrigation uses, including at the Bay and Plantation Golf Courses, pending Commission action on [HWS's WUPA],” as her correspondence purports to do. And her attempt to do so without any regard to the permit applicant's burden of proof under the governing legal standards, or any

¹³ TY's information for Table 1 (attached as Exhibit 4).

¹⁴ HRS §§ 174C-50(c), -51, -53.

¹⁵ Memorandum from Deputy Director Kahahane to the Governor's Office 3 (Aug. 18, 2025) (attached as Exhibit 5).

¹⁶ *Id.*

¹⁷ *Id.* at 1.

¹⁸ See HRS § 174C-50(a), (b), (e).

¹⁹ *In re Wai'ola o Moloka'i, Inc.*, 103 Hawai'i 401, 441-42, 426, 83 P.3d 664, 704-05, 689 (2004).

consideration and due process for other water users, usurps the Commission's authority and betrays its constitutional and statutory trust duties.

Finally, even TY acknowledges that HWS's groundwater WUPA does not include golf course irrigation. Following the September 16, 2025 Commission meeting, TY contacted Commission staff through a consultant to inquire about *amending HWS's groundwater permit application* prior to any public notice.²⁰ This request for an after-the-fact revision, more than two years after the filing deadline, is flatly contrary to law, including Hawai'i Supreme Court rulings.²¹ As the Court recognized, the Code allows for late filings "[i]f the commission determines that there is just cause for the failure to file"; however, the Code expressly prohibits the Commission from allowing "a late filing more than five years after the effective date of rules implementing this chapter."²² The Commission promulgated its rules on May 27, 1988, so it no longer can accept any late applications after May 27, 1993.²³ As the Court explained, these express terms indicated how the Legislature "rationally intended to allow late filings only during an initial period of transition to the regulatory system under the Code."²⁴ The Commission cannot entertain TY's unlawful request to amend HWS's application.

In sum, it has now been more than two years since the Maui Komohana WUPAs were filed, and the Commission still has not moved to process and issue any permits, including for community members with constitutionally protected priority rights to water. Chair Chang's unilateral action to afford special treatment to a single private commercial user for lesser-priority golf course uses,²⁵ while everyone else's WUPAs remain in limbo for years, violates the law and disserves the Maui Komohana community. Any action to allow water uses must be addressed by the full Commission based on a proper record and in compliance with the law, including due process and the applicant's burden of proof.

For the reasons stated, Earthjustice requests that the Chair immediately rescind her prior communications and clarify that use of groundwater for irrigation of the Kapalua Bay and Plantation Golf Courses is *not* allowed and must immediately cease. Urgent corrective action is necessary to uphold the rule of law and preserve public confidence in the Commission's ability to fulfill its kuleana as ke kahuwai pono. Time is of the essence since HWS and MLP continue

²⁰ E-mail from Roy Hardy to Ryan Imata (Sep. 17, 2025) (attached as Exhibit 6).

²¹ See *Kukui*, 116 Hawai'i at 501, 174 P.3d at 340.

²² HRS § 174C-50(c); see *Waiāhole*, 94 Hawai'i at 166, 9 P.3d at 478.

²³ See *Waiāhole*, 94 Hawai'i at 166, 9 P.3d at 478.

²⁴ *Id.*

²⁵ See *id.* at 168-69, 9 P.3d at 480-81 (affirming various restrictions and a "higher standard" and "heavy burden" placed on golf course uses, "in light of higher uses . . . including retaining water in the streams"); *In re Nā Wai 'Ehā Surface Water Mgm't Areas*, 154 Hawai'i 309, 355, 550 P.3d 1167, 1213 (2024) (affirming the Commission's decision not to prioritize an existing golf course use over other, more reasonable-beneficial uses).

to supply, and TY continues to use, groundwater from MLP's wells based on the Chair's correspondence. Mahalo for your prompt attention and action on this matter of critical public importance.

Ola i ka wai,

/s/ Dru N. Hara

Dru N. Hara, Esq.

Isaac H. Moriwake, Esq.

EARTHJUSTICE

AUGUST 22, 2025 EMAIL
FROM CHAIRPERSON DAWN CHANG
TO MAUI LAND & PINEAPPLE COMPANY,
INC. CEO, RACE RANDLE

From: [Chang, Dawn](#)
To: [Race Randle](#); [Cal Chipchase](#)
Cc: [Kealalio, Kanani](#); [Kahahane, Ciara WK](#)
Subject: FINAL Communication
Date: Friday, August 22, 2025 2:40:29 PM
Attachments: [image002.png](#)

Aloha Race

I just got a call from Governor's office that MLP was waiting for a final communication.

I'm sorry if you misunderstood my email because I had "draft language," but this was intended to be my final communication. The email below hasn't changed.

Mahalo

Dawn

Dawn N.S. Chang
Chair, Board of Land and Natural Resources
State of Hawai'i
1151 Punchbowl St. Room 130
Honolulu, HI 96813
Ph: (808) [REDACTED]
[REDACTED]



From: Race Randle [REDACTED]
Sent: Friday, August 22, 2025 8:09 AM
To: Chang, Dawn [REDACTED] Cal Chipchase [REDACTED]
Cc: Kealalio, Kanani [REDACTED]
Subject: [EXTERNAL] Re: Draft Language

Mahalo Dawn

Race A Randle | CEO
MAUI LAND & PINEAPPLE COMPANY, INC. (NYSE: MLP)
808 [REDACTED] Mobile
500 Office Road | Lahaina, HI 96761
mauiland.com



From: Chang, Dawn [REDACTED]
Date: Thursday, August 21, 2025 at 9:30 PM
To: Race Randle [REDACTED], Cal Chipchase [REDACTED]
Cc: Kealalio, Kanani [REDACTED]
Subject: FW: Draft Language

August 21, 2025

Hawaii Water Services has confirmed that, prior to designation, groundwater was used as a substitute source for irrigation purposes, including on the Bay and Plantation Golf Courses. This letter confirms that temporary use of groundwater as a substitute for surface water during low flow periods is allowed for irrigation uses, including at the Bay and Plantation Golf Courses, pending Commission action on Hawai'i Water Service's water use permit application.

Mahalo

Dawn
Dawn N.S. Chang
Chair, Commission on Water Resource Management
State of Hawai'i
1151 Punchbowl St. Room 130
Honolulu, HI 96813
Ph: (808) [REDACTED]
[REDACTED]





STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES | KA 'OIHANA KUMUWAIWAI 'ĀINA
COMMISSION ON WATER RESOURCE MANAGEMENT | KE KAHUWAI PONO
P.O. BOX 621
HONOLULU, HAWAII 96809

August 28, 2025

VIA E-MAIL

Geoff Fulks, General Manager
Hawai'i Water Service
[REDACTED]

Re: Clarification on Kapalua Golf Course Irrigation and Commission Authority

Aloha Mr. Fulks,

I am writing to clarify the position of the Commission on Water Resource Management (CWRM or Commission) concerning the Kapalua water system in West Maui.

Recent media coverage and a statement on the Hawai'i Water Service (HWS) website have represented that CWRM "authorized" the temporary use of groundwater as a substitute for surface water on the Kapalua water system operated by HWS on behalf of Maui Land & Pineapple Company, Inc. (MLP). This is inaccurate. CWRM has not authorized, required, or directed the use of groundwater as a substitute source for golf course irrigation.

The provision of water to the Kapalua golf courses is governed by private Water Delivery Agreements between MLP and TY Management Corporation (TY, owner of the Bay and Plantation Golf Courses). As stated in my attached letter to counsel for TY dated April 25, 2025, the Commission does not have the authority to rewrite these private contracts outside of the water use permitting process.

On August 22, 2025, I sent the attached communication to MLP confirming HWS's representation that groundwater had been used as a substitute for surface water, including on the Bay and Plantation Golf Courses, prior to designation. My communication stated:

"Hawaii Water Services has confirmed that, prior to designation, groundwater was used as a substitute source for irrigation purposes, including on the Bay and Plantation Golf Courses. This letter confirms that temporary use of groundwater as a substitute for

Geoff Fulks, General Manager

August 28, 2025

Page 2

surface water during low flow periods is allowed for irrigation uses, including at the Bay and Plantation Golf Courses, pending Commission action on Hawai'i Water Service's water use permit application."

This statement was not an "authorization" by the Commission; rather, it merely confirmed that HWS previously utilized groundwater as a substitute source for irrigation purposes. Under the State Water Code, the Commission may only authorize water use in designated water management areas through a duly issued water use permit. However, existing uses in newly designated areas may be continued until such time as the Commission has acted upon the application. Decisions on water use permit applications are made by the full Commission at a public meeting; the Chairperson does not have unilateral authority to approve, require, or permit uses of water.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Dawn N.S. Chang', with a stylized, looping flourish extending to the right.

DAWN N.S. CHANG

Chairperson

Commission on Water Resource Management

C: Office of Governor Josh Green, M.D. [REDACTED]
Race Randle, Chief Executive Officer, Maui Land & Pineapple Company, Inc.
[REDACTED]

Atts: April 25, 2025 Letter from CWRM to Counsel for TY Management
August 22, 2025 Email from Chairperson Dawn Chang to Maui Land & Pineapple
Company, Inc. CEO, Race Randle



HAWAII WATER SERVICE

P.O. Box 384809
Waikoloa, HI 96738 Tel: (877) 886-7784 toll-free

August 5, 2023

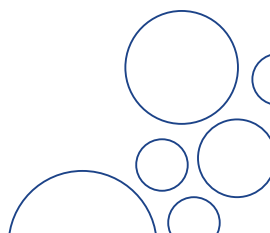
Dawn N.S. Chang
M. Kaleo Manuel, Deputy Director
Members of the Commission on
Water Resource Management
P.O. Box 621
Honolulu, Hawaii 96809

RE: Commission on Water Resource Management--Ground Water Use Permit for Existing Users in the Honolua Aquifer System, West Maui, Water Management Area

Dear Chairperson Chang, Deputy Manuel and Members of the Commission
on Water Resource Management:

The purpose of this letter is to provide the Commission with an application for ground water use for existing users in the Honolua Aquifer System, West Maui. Hawaii Water Service Company, Inc. (Hawaii Water) provides potable water service to the Kapalua resort area via two wells in the Honolua aquifer system. The wells are owned by Maui Land and Pineapple (MLP). Volumes pumped from the wells are governed by a water delivery agreement. The application refers to several appendices, each meant to meet the requirements of the Ground Water Use Permit Application (GWUPA). The following summarizes the appendices to the application.

Appendix 1 – Item 11. Table 1: Land Use Consistency and Item 12. Table 2:
Agriculture/Irrigation Information
Appendix 2- Hawaii Water and Maui Land and Pineapple Co. Well Agreement
Appendix 3 - Table 3: Alternative Analysis
Appendix 4 - Public Interest
Appendix 5 - Ka Pa’Akai Analysis
Appendix 6 - Efficiency
Appendix 7 - Table 4: 12-Month Average Calculation as of the Date of Designation for
Existing Uses.
Appendix 8 - Photos of source and meters
Appendix 9 - Location of water use





HAWAII WATER SERVICE

Appendix 10 - Level 1 Validated Water Loss Audit CY-2022

Appendix 11 - Copy of application and publication check

It is Hawaii Water's understanding that TY Management Corp. has submitted supporting documentation for its specific water uses within the Kapalua service area. Hawaii Water and MLP incorporate the supporting documentation presented by TY Management Corp. by reference.

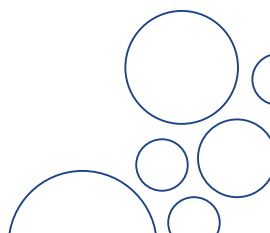
We trust that the GWUPA has met all of the requirements set forth by the Commission. Should you have any questions, please do not hesitate to contact me at your earliest convenience at (808) 437-2307 (Office) or [REDACTED]

Respectfully,
HAWAII WATER SERVICE

A handwritten signature in black ink, appearing to read "Julian Gandara", is written over the printed name.

Julian Gandara, P.E.
Manager, Technical and Regulatory Matters

cc: Tony Carrasco, Hawaii Water Service General Manager
Stephen Green, P.E., Hawaii Water Service Engineering Manager
Tom Venus, P.E., Hawaii Water Service Project Manager
John Kadowaki, Hawaii Water Service Operations Manager
Ken Jenkins, Hawaii Water Service Chief Water Resources Sustainability Officer
Race Randle, Maui Land and Pineapple Co.
Dean Frampton, Maui Land and Pineapple Co.



11. Table 1: LAND USE CONSISTENCY (Attach additional copies, if necessary)

1

11. Table 1: LAND USE CONSISTENCY (Attach additional copies, if necessary)

2

USE INFORMATION

11. Table 1: LAND USE CONSISTENCY (Attach additional copies, if necessary)

LAND USE CONSISTENCY										EFFICIENCY OF USE			
A	Hide	B				C	D	E	F	G	H	I	J
PURPOSE/WATER USE CATEGORY	TMK	TMK FOR LOCATION OF USE ATTACH THE				STATE LAND USE DISTRICT	CDUP REQUIRED?	COUNTY ZONING CODE	SMAP REQUIRED?	UNITS OR NEW ACREAGE	GPD/UNIT or GPD/ACRE	QUANTITY OF USE (GPD)	JUSTIFICATION FOR QUANTITY OF WATER REQUESTED
(See instructions for water use category descriptions)		Property tax map, showing location of use referenced to establish property boundaries. Photograph of the area of use.				USE DISTRICT	Check the appropriate box, and write in the date approved, if applicable.	CODE	Check the appropriate box, and write in the date approved, if applicable.				(If applicable, attach additional sheets showing how the quantity was calculated.) For irrigation uses, fill in Table 2.
		Zone	Sector	Plat	Parcel		acquired, No		acquired, No				
USES THAT REQUIRE POTABLE (DRINKING) WATER													
MUNPR	242003035	4	2	003	035	U	No	500	Yes	0.26	7,993.42	2,084.93	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage. Parcel also receives surface water for non-potable use and is included on surface water use permit application. Non-potable use is excluded from groundwater permit application.
MUNPR	242004005	4	2	004	005	U	No	120	Yes	0.60	423.53	254.79	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242007028	4	2	007	028	U	No	720	Yes	0.46	4,510.17	2,054.79	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage. Parcel also receives surface water for non-potable use and is included on surface water use permit application. Non-potable use is excluded from groundwater permit application.
MUNPR	242004007	4	2	004	007	U	No	120	Yes	0.65	1,125.89	731.51	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003042	4	2	003	042	U	No	500	Yes	0.35	5,909.71	2,046.58	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage. Parcel also receives surface water for non-potable use and is included on surface water use permit application. Non-potable use is excluded from groundwater permit application.
MUNPR	242004046	4	2	004	046	U	No	120	Yes	0.64	246.90	158.90	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242004009	4	2	004	009	U	No	120	Yes	0.70	269.36	189.04	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242009010	4	2	009	010	A	No	500	No	6.09	28.78	175.34	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage. Parcel also receives surface water for non-potable use and is included on surface water use permit application. Non-potable use is excluded from groundwater permit application.
MUNPR	242007029	4	2	007	029	U	No	720	Yes	0.48	3,819.58	1,843.84	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242007027	4	2	007	027	A	No	720	Yes	0.57	3,229.42	1,827.40	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage. Parcel also receives surface water for non-potable use and is included on surface water use permit application. Non-potable use is excluded from groundwater permit application.
MUNPR	242005056	4	2	005	056	A	No	500	No	2.30	104.85	241.10	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242009003	4	2	009	003	A	No	500	No	2.97	60.96	180.82	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003099	4	2	003	099	U	No	500	Yes	0.31	5,259.21	1,646.58	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003008	4	2	003	008	U	No	500	Yes	0.27	5,963.41	1,627.40	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003010	4	2	003	010	U	No	500	Yes	0.31	5,260.73	1,616.44	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242007001	4	2	007	001	U	No	720	Yes	0.47	3,405.42	1,613.70	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242007024	4	2	007	024	A	No	720	Yes	0.58	2,763.67	1,591.78	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242007021	4	2	007	021	U	No	720	Yes	0.47	3,334.96	1,558.90	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242007006	4	2	007	006	U	No	720	Yes	0.47	3,289.13	1,550.68	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003077	4	2	003	077	U	No	500	Yes	0.50	3,006.28	1,504.11	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242007005	4	2	007	005	U	No	720	Yes	0.58	2,571.85	1,501.37	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003031	4	2	003	031	U	No	500	Yes	0.42	3,432.99	1,441.10	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242007030	4	2	007	030	U	No	720	Yes	0.50	2,851.18	1,413.70	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003025	4	2	003	025	U	No	500	Yes	0.25	5,693.14	1,400.00	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003085	4	2	003	085	U	No	500	Yes	0.49	2,837.79	1,400.00	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003065	4	2	003	065	U	No	500	Yes	0.21	6,396.07	1,372.60	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003083	4	2	003	083	U	No	500	Yes	0.26	5,032.29	1,315.07	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242007009	4	2	007	009	U	No	720	Yes	0.56	2,294.69	1,287.67	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003040	4	2	003	040	U	No	500	Yes	0.23	5,568.55	1,282.19	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003071	4	2	003	071	U	No	500	Yes	0.24	5,228.82	1,235.62	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242007002	4	2	007	002	U	No	720	Yes	0.48	2,391.87	1,156.16	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003012	4	2	003	012	U	No	500	Yes	0.28	3,919.29	1,106.85	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003052	4	2	003	052	U	No	500	Yes	0.34	3,238.19	1,104.11	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242007014	4	2	007	014	U	No	720	Yes	0.47	2,301.74	1,082.19	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003080	4	2	003	080	U	No	500	Yes	0.22	4,831.64	1,079.45	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003029	4	2	003	029	U	No	500	Yes	0.24	4,441.39	1,073.97	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003089	4	2	003	089	U	No	500	Yes	0.23	4,744.99	1,073.97	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003001	4	2	003	001	U	No	500	Yes	0.29	3,656.90	1,071.23	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003072	4	2	003	072	U	No	500	Yes	0.24	4,377.28	1,060.27	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003048	4	2	003	048	U	No	500	Yes	0.25	4,088.81	1,008.22	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003066	4	2	003	066	U	No	500	Yes	0.22	4,509.57	1,008.22	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003018	4	2	003	018	U	No	500	Yes	0.25	4,013.19	991.78	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003079	4	2	003	079	U	No	500	Yes	0.30	3,245.32	972.60	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242007025	4	2	007	025	A	No	720	Yes	0.48	2,031.72	969.86	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.
MUNPR	242003037	4	2	003	037	U	No	500	Yes	0.33	2,918.30	967.12	

USE INFORMATION

11. Table 1: LAND USE CONSISTENCY (Attach additional copies, if necessary)

LAND USE CONSISTENCY											EFFICIENCY OF USE			
A	Hide	B				C	D	E	F	G	H	I	J	
PURPOSE/WATER USE CATEGORY	TMK	TMK FOR LOCATION OF USE ATTACH THE				STATE LAND USE DISTRICT	CDUP REQUIRED?	COUNTY ZONING CODE	SMAP REQUIRED?	UNITS OR NEW ACREAGE	GPD/UNIT or GPD/ACRE	QUANTITY OF USE (GPD)	JUSTIFICATION FOR QUANTITY OF WATER REQUESTED	
(See instructions for water use category descriptions)		Property tax map, showing location of use referenced to establish property boundaries. Photograph of the area of use.				U	Check the appropriate box, and write in the date approved, if applicable.	CODE	Check the appropriate box, and write in the date approved, if applicable.				(If applicable, attach additional sheets showing how the quantity was calculated.) For irrigation uses, fill in Table 2.	
		Zone	Sector	Plat	Parcel									acquired, No
USES THAT REQUIRE POTABLE (DRINKING) WATER														
MUNPR	242003056	4	2	003	056	U	No	500	Yes	0.20	3,245.49	646.58	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003044	4	2	003	044	U	No	500	Yes	0.26	2,499.97	638.36	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003014	4	2	003	014	U	No	500	Yes	0.26	2,458.32	630.14	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003053	4	2	003	053	U	No	500	Yes	0.26	2,419.17	624.66	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003017	4	2	003	017	U	No	500	Yes	0.26	2,418.74	621.92	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003075	4	2	003	075	U	No	500	Yes	0.24	2,559.23	621.92	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003076	4	2	003	076	U	No	500	Yes	0.23	2,659.72	621.92	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003022	4	2	003	022	U	No	500	Yes	0.22	2,696.07	600.00	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003094	4	2	003	094	U	No	500	Yes	0.23	2,598.15	594.52	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003058	4	2	003	058	U	No	500	Yes	0.21	2,885.29	591.78	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003003	4	2	003	003	U	No	500	Yes	0.25	2,254.45	572.60	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003095	4	2	003	095	U	No	500	Yes	0.27	2,061.71	564.38	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003020	4	2	003	020	U	No	500	Yes	0.23	2,397.17	558.90	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003068	4	2	003	068	U	No	500	Yes	0.27	2,090.62	558.90	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003063	4	2	003	063	U	No	500	Yes	0.23	2,305.82	520.55	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003061	4	2	003	061	U	No	500	Yes	0.22	2,362.92	517.81	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003021	4	2	003	021	U	No	500	Yes	0.21	2,349.45	504.11	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003039	4	2	003	039	U	No	500	Yes	0.29	1,714.90	493.15	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003084	4	2	003	084	U	No	500	Yes	0.29	1,720.01	493.15	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003032	4	2	003	032	U	No	500	Yes	0.24	2,024.56	487.67	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003049	4	2	003	049	U	No	500	Yes	0.26	1,866.38	482.19	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003023	4	2	003	023	U	No	500	Yes	0.23	2,033.75	473.97	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242005067	4	2	005	067	A	No	500	No	2.06	38.63	79.45	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage. Parcel also receives surface water for non-potable use and is included on surface water use permit application. Non-potable use is excluded from groundwater permit application.	
MUNPR	242003060	4	2	003	060	U	No	500	Yes	0.22	2,078.52	452.05	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003064	4	2	003	064	U	No	500	Yes	0.22	2,060.51	452.05	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003034	4	2	003	034	U	No	500	Yes	0.23	1,928.25	449.32	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003062	4	2	003	062	U	No	500	Yes	0.22	2,057.85	449.32	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003098	4	2	003	098	U	No	500	Yes	0.26	1,667.57	441.10	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003055	4	2	003	055	U	No	500	Yes	0.21	1,984.24	416.44	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003013	4	2	003	013	U	No	500	Yes	0.28	1,392.95	389.04	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003092	4	2	003	092	U	No	500	Yes	0.35	980.62	347.95	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003067	4	2	003	067	U	No	500	Yes	0.24	1,326.23	323.29	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242007016	4	2	007	016	U	No	720	Yes	0.45	702.56	315.07	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003097	4	2	003	097	U	No	500	Yes	0.23	1,197.85	279.45	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242007010	4	2	007	010	U	No	720	Yes	0.52	528.33	276.71	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003011	4	2	003	011	U	No	500	Yes	0.31	872.73	268.49	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242007026	4	2	007	026	A	No	720	Yes	0.46	582.78	268.49	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242009024	4	2	009	024	A	No	500	No	25.47	9.79	249.32	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003024	4	2	003	024	U	No	500	Yes	0.24	954.87	227.40	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242004023	4	2	004	023	U	No	720	Yes	0.78	289.66	224.66	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242007013	4	2	007	013	U	No	720	Yes	0.44	464.26	202.74	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003007	4	2	003	007	U	No	500	Yes	0.25	770.90	194.52	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003002	4	2	003	002	U	No	500	Yes	0.27	432.92	117.81	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242008015	4	2	008	015	A	No	500	No	4.34	23.34	101.37	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242004067	4	2	004	067	U	No	720	Yes	19.76	3.61	71.23	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242001043	4	2	001	043	A	No	500	No	648.78	0.08	54.79	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242007004	4	2	007	004	U	No	720	Yes	0.47	81.52	38.36	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242009004	4	2	009	004	A	No	500	No	3.31	1.66	5.48	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage. Parcel also receives surface water for non-potable use and is included on surface water use permit application. Non-potable use is excluded from groundwater permit application.	
MUNPR	242005025	4	2	005	025	A	No	500	No	7.26	2.27	16.44	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242010009	4	2	010	009	A	No	720	No	1.45	9.46	13.70	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" based on actual water use from September 2021 - August 2022 and acreage.	
MUNPR	242003009	4	2	003	009	U	No	500	Yes	0.28	1,791.13	505.42	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242003073	4	2	003	073	U	No	500	Yes	0.25	1,821.61	448.88	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 -	

USE INFORMATION

11. Table 1: LAND USE CONSISTENCY (Attach additional copies, if necessary)

LAND USE CONSISTENCY										EFFICIENCY OF USE				
A	Hide	B				C	D	E	F	G	H	I	J	
PURPOSE/WATER USE CATEGORY	TMK	TMK FOR LOCATION OF USE ATTACH THE				STATE LAND USE DISTRICT	CDUP REQUIRED?	COUNTY ZONING	SMAP REQUIRED?	UNITS OR NEW ACREAGE	GPD/UNIT or GPD/ACRE	QUANTITY OF USE (GPD)	JUSTIFICATION FOR QUANTITY OF WATER REQUESTED	
(See instructions for water use category descriptions)		Property tax map, showing location of use referenced to establish property boundaries. Photograph of the area of use.					Check the appropriate box, and write in the date approved, if applicable.	CODE	Check the appropriate box, and write in the date approved, if applicable.					(If applicable, attach additional sheets showing how the quantity was calculated.) For irrigation uses, fill in Table 2.
		Zone	Sector	Plat	Parcel			acquired, No	acquired, No					
USES THAT REQUIRE POTABLE (DRINKING) WATER														
MUNPR	242010006	4	2	010	006	R	No	720	No	0.87	1,826.29	1,597.70	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242010007	4	2	010	007	R	No	720	No	1.05	1,071.05	1,120.39	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242010011	4	2	010	011	A	No	720	No	0.77	1,811.64	1,390.34	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242010017	4	2	010	017	R	No	720	No	1.21	1,067.07	1,292.45	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242010019	4	2	010	019	R	No	720	No	1.11	1,072.89	1,189.23	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242010028	4	2	010	028	A	No	720	No	1.70	1,073.68	1,826.42	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size. Parcel also receives surface water and is included on surface water use permit application.	
MUNPR	242010029	4	2	010	029	A	No	720	No	2.49	1,073.43	2,670.93	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242010031	4	2	010	031	A	No	720	No	2.85	290.34	827.72	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242010033	4	2	010	033	R	No	720	No	1.89	1,076.91	2,030.82	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size. Parcel also receives surface water and is included on surface water use permit application.	
MUNPR	242010034	4	2	010	034	A	No	720	No	3.66	290.68	1,062.84	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size. Parcel also receives surface water and is included on surface water use permit application.	
MUNPR	242010038	4	2	010	038	R	No	720	No	2.46	1,071.57	2,634.12	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242010044	4	2	010	044	A	No	720	No	1.99	1,072.64	2,139.51	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size. Parcel also receives surface water and is included on surface water use permit application.	
MUNPR	242010046	4	2	010	046	R	No	720	No	1.40	1,061.43	1,487.30	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242005033	4	2	005	033	A	No	500	No	2.02	599.78	1,214.13	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242001046	4	2	001	046	A	No	720	No	3.64	293.82	1,070.27	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242005006	4	2	005	006	A	No	500	No	2.06	599.82	1,237.87	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242005009	4	2	005	009	A	No	500	No	3.99	871.79	3,476.09	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242005012	4	2	005	012	A	No	500	No	2.01	599.71	1,206.42	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242005013	4	2	005	013	A	No	500	No	2.34	599.79	1,406.21	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242005017	4	2	005	017	A	No	500	No	2.35	599.78	1,409.02	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242005023	4	2	005	023	A	No	500	No	2.71	599.8	1,626.61	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242005057	4	2	005	057	A	No	500	No	2.43	599.77	1,456.19	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242005062	4	2	005	062	A	No	500	No	3.62	949.87	3,438.98	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242005068	4	2	005	068	A	No	500	No	80.4	947.11	76,147.20	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242008022	4	2	008	022	A	No	500	No	15	949.59	14,248.46	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242009001	4	2	009	001	A	No	500	No	6.33	949.29	6,009.11	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242009002	4	2	009	002	A	No	500	No	3.09	949.83	2,936.32	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242009005	4	2	009	005	A	No	500	No	4.26	949.86	4,048.04	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242009006	4	2	009	006	C	No	500	No	8.28	948.91	7,861.66	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242009007	4	2	009	007	C	No	500	No	6.09	949.85	5,786.43	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242009012	4	2	009	012	A	No	500	No	3.85	949.83	3,654.84	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242009015	4	2	009	015	A	No	500	No	2.52	599.8	1,512.11	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242009016	4	2	009	016	A	No	500	No	3.95	949.85	3,754.90	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242009020	4	2	009	020	A	No	500	No	5.82	945.07	5,501.99	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242009021	4	2	009	021	A	No	500	No	5.29	940.18	4,976.07	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242009022	4	2	009	022	C	No	500	No	6.27	949.82	5,954.38	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242005054	4	2	005	054	A	No	500	No	2	599.79	1,201.08	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242008002	4	2	008	002	A	No	500	No	3.31	949.88	3,141.84	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242008004	4	2	008	004	A	No	500	No	3.45	949.88	3,279.02	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
MUNPR	242008005	4	2	008	005	A	No	500	No	3.66	949.88	3,480.55	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	

USE INFORMATION
11. Table 1: LAND USE CONSISTENCY (Attach additional copies, if necessary)

LAND USE CONSISTENCY										EFFICIENCY OF USE				
A	Hide	B				C	D	E	F	G	H	I	J	
PURPOSE/WATER USE CATEGORY	TMK	TMK FOR LOCATION OF USE ATTACH THE				STATE LAND USE DISTRICT	CDUP REQUIRED?	COUNTY ZONING CODE	SMAP REQUIRED?	UNITS OR NEW ACREAGE	GPD/UNIT or GPD/ACRE	QUANTITY OF USE (GPD)	JUSTIFICATION FOR QUANTITY OF WATER REQUESTED	
(See instructions for water use category descriptions)		Property tax map, showing location of use referenced to establish property boundaries. Photograph of the area of use.					Check the appropriate box, and write in the date approved, if applicable.		Check the appropriate box, and write in the date approved, if applicable.					(If applicable, attach additional sheets showing how the quantity was calculated.) For irrigation uses, fill in Table 2.
		Zone	Sector	Plat	Parcel									
USES THAT REQUIRE POTABLE (DRINKING) WATER														
MUNPR	242008008	4	2	008	008	C	Yes	500	No	4.29	949.84	4,074.11	"New Acreage" based on information from the County of Maui tax parcel layer. "Quantity of Use (GPD)" projected based on actual water use from September 2021 - August 2022 of parcels with landscaping of similar size.	
IRRG	242004060	4	2	004	060	A	No	720	No	2.05	1630.73	3343.00	Information completed by TY Management Corporation.	
IRRG	242001046	4	2	001	046	U	No	720	Yes	3.56	445.22	1585.00	Information completed by TY Management Corporation.	
Real Water Loss													29,025.00	Real Water Loss based on 2022 Water Loss Audit.
TOTAL POTABLE USE												778,942.11	GPD	
USES THAT DO NOT REQUIRE POTABLE WATER														
TOTAL NON-POTABLE USE												0	GPD	
TOTAL QUANTITY OF WATER REQUESTED (sum of potable use and non-potable use)=												778,942.11	GPD	
Please explain if there are any limitations (e.g., legal, contractual) on the proposed water use(s) described in Table 1. Ref. HRS 124C-51(5).														

CARLSMITH BALL LLP

A LIMITED LIABILITY LAW PARTNERSHIP

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HONOLULU, HAWAII 96813
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808.523.2525

RSTRAND@CARLSMITH.COM

August 4, 2023

VIA HAND DELIVERY

E-MAIL [DLNR.CWRM@HAWAII.GOV]

Dawn N.S. Chang
M. Kaleo Manuel, Deputy Director
Members of the Commission on
Water Resource Management
P.O. Box 621
Honolulu, Hawaii 96809

Re: Commission on Water Resource Management--Ground Water Use Permit for
Existing Users in the Honolua Aquifer System, West Maui, Water Management
Area

Dear Chairperson Chang, Deputy Manuel and Members of the Commission
on Water Resource Management:

We are the attorneys for TY Management Corporation, a Hawaii corporation ("TY"), which is the owner of the Kapalua Plantation Golf Course, the Kapalua Bay Golf Course, the Kapalua Golf Academy and other facilities at Kapalua, Maui. Hawaii Water Service Company, Inc. ("HWS") is providing potable water to TY from the Kapalua 1 and Kapalua 2 Wells owned by Maui Land & Pineapple Company, Inc. ("MLP") pursuant to "will serve" letters originally issued to TY by the Kapalua Water Company, Ltd., the predecessor to HWS.

We understand that MLP and HWS will be filing a Form GWUPA ("GWUPA ") for the existing potable uses being made of ground water by TY and other users at Kapalua. While we expect that MLP and HWS will accurately describe TY's existing uses that should be included in the ground water use permit to be issued by the Commission on Water Resource Management ("CWRM"), we are submitting the following information on behalf of TY which may, in part, be in addition to the information provided in the GWUPA filed by MLP and HWS. The information set out in this letter is tied to the various sections of the GWUPA for which information is requested.

4. Aquifer System Area—We understand that the Kapalua 1 and Kapalua 2 Wells located in the Honolua Aquifer System Area.

4A. Sustainable Yield (MGD)—We understand that the sustainable yield of the Honolulu Aquifer System Area is 8.0 million gallons per day.

5. Source Information--Enclosed with this letter is a schedule showing the tax map key parcels receiving potable ground water from HWS.

6. Total Quantity of Water Requested—The amount of potable water requested by TY is set out in Box M in Item 11 of the enclosed Table 1.

8. Location of Water Use--Tax maps for the TY parcels receiving potable water from HWS are enclosed.

11. Land Use Consistency—Please see the enclosed Table 1 for the six TY tax map key parcels receiving potable water. Also enclosed are copies of the "will serve" letter for the Kapalua Plantation Golf Course dated March 27, 2009 issued by the Kapalua Water Company, Ltd. and the "will serve" letter for the Kapalua Bay Golf Course dated September 30, 2010 issued by the Kapalua Water Company, Ltd.

12. Agricultural Irrigation Information—Enclosed is Table 2 which states that information on agricultural irrigation is not applicable to the TY tax map key parcels because ground water is not used for agricultural irrigation on any of these parcels.

13. Alternatives Analysis—Also enclosed is Table 3 discussing the alternatives available to provide potable water to the TY parcels as follows:

- Municipal sources—No municipal source available at Kapalua
- Wastewater reuse—None available at Kapalua
- Ditch system—None available at Kapalua
- Surface water—None available at Kapalua
- Desalinization—TY is unaware of any desalinization initiatives at Kapalua
- Other—None

14. Public Interest—Enclosed is a discussion of the various benefits of TY's Kapalua golf and other operations.

19. Public Water System Information—We believe that HWS is a PUC-Regulated Private System.

21. 12-Month Average Use Prior to Designation—Enclosed is Table 4 that provides the requested information for TY's potable water use required in Table 4. All use is metered.

Thank you for your consideration of these submissions.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert Strand", written in a cursive style.

Robert E. Strand
Onaona P. Thoene

Enclosures:

1. TY's Source Information for Section 5 of the Form GWUPA.
2. Tax Maps/Pictures of parcels receiving potable water.
3. TY's information for Table 1.
4. "Will Serve" letter for the Kapalua Plantation Golf Course dated March 27, 2009.
5. "Will Serve" letter for the Kapalua Bay Golf Course dated September 30, 2010.
6. TY's information for Table 2.
7. TY's information for Table 3
8. Report on benefits of TY's golf course and other operations at Kapalua.
9. TY's information for Table 4.


cc: TY Management Corporation (w/enc.)
Maui Land & Pineapple Company, Inc. (w/enc.)
Hawaii Water Service Company, Inc. (w/enc.)

TABLE 1

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 use map, showing location of use referenced to established property boundaries. • 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 applicable box, and write in the date approved, if applicable	UNITS OR NET ACREAGE	GPD/UNIT OR OPD/ACRE	QUANTITY OF USE (GPD)	JUSTIFICATION FOR QUALITY OF WATER REQUESTED (If applicable, attach additional sheets showing how the quantity was calculated) For irrigation use fill in Table 2
USES THAT REQUIRED POTABLE (DRINKING) WATER									
MUNPR	(2) 4-2-004-024	Urban	<input type="checkbox"/> Yes date approved <input type="checkbox"/> Yes, not acquired <input checked="" type="checkbox"/> No	A-1; PK (GC); PD	<input type="checkbox"/> Yes date approved <input checked="" type="checkbox"/> Yes, not acquired <input type="checkbox"/> No	26.250	45.8	1,202	Reasonable and beneficial existing use.
MUNPR	(2) 4-2-005-037	Agricultural	<input type="checkbox"/> Yes date approved <input type="checkbox"/> Yes, not acquired <input checked="" type="checkbox"/> No	AG	<input type="checkbox"/> Yes date approved <input type="checkbox"/> Yes, not acquired <input checked="" type="checkbox"/> No	3.468	941	3,263	Reasonable and beneficial existing use.
MUNPR	(2) 4-2-004-060	Urban	<input type="checkbox"/> Yes date approved <input type="checkbox"/> Yes, not acquired <input checked="" type="checkbox"/> No	PD	<input type="checkbox"/> Yes date approved <input checked="" type="checkbox"/> Yes, not acquired <input type="checkbox"/> No	2.055	1,627	3,343	Reasonable and beneficial existing use.
MUNPR	(2) 4-2-001-046	Agricultural/Rural	<input type="checkbox"/> Yes date approved <input type="checkbox"/> Yes, not acquired <input checked="" type="checkbox"/> No	PD	<input type="checkbox"/> Yes date approved <input type="checkbox"/> Yes, not acquired <input checked="" type="checkbox"/> No	3.568	444.1	1,585	Reasonable and beneficial existing use.
MUNPR	(2) 4-2-004-036	Urban	<input type="checkbox"/> Yes date approved <input type="checkbox"/> Yes, not acquired <input checked="" type="checkbox"/> No	PD	<input type="checkbox"/> Yes date approved <input type="checkbox"/> Yes, not acquired <input checked="" type="checkbox"/> No	12.190	4.0	49	Reasonable and beneficial existing use.
MUNPR	(2) 4-2-005-045	Agricultural	<input type="checkbox"/> Yes date approved <input type="checkbox"/> Yes, not acquired <input checked="" type="checkbox"/> No	PK (GC)	<input type="checkbox"/> Yes date approved <input type="checkbox"/> Yes, not acquired <input checked="" type="checkbox"/> No	28.68	2.0	57	Reasonable and beneficial existing use.
TOTAL POTABLE USE								K 9,499	GPD
USES THAT DO NOT REQUIRE POTABLE (DRINKING) WATER									
			<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				
			<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				
TOTAL NON-POTABLE USE								L	GPD
TOTAL QUANTITY OF WATER REQUESTED (sum of total potable use and total non-potable use)								M 9,499	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-51(5)									
Please see "will serve" letter from the Kapalua Water Company, Ltd. for the Kapalua Plantation Golf Course dated March 27, 2009 and the "will serve" letter from the Kapalua Water Company, Ltd. for the Kapalua Bay Golf Course dated September 30, 2010 both of which are included with this Application.									

Maui / Kapalua site visit

From Kahahane, Ciara WK <[REDACTED]>
Date Mon 8/18/2025 6:37 PM
To Juarez, Julian K <[REDACTED]>
Cc Chang, Dawn <[REDACTED]>; Kealalio, Kanani <[REDACTED]>; Kariya-Ramos, Suzanne M <[REDACTED]>

 1 attachment (240 KB)
20250818 Kapalua Water Availability.pdf;




Aloha Julian,

I prepared a short writeup for the site visit tomorrow. I'm also attaching communications that we received earlier this year from the golf course owner and MLP, as well as our response.

I regret that I will not be able to attend as I will be participating in the monthly CWRM meeting.

Please let me know if there is anything else you need.

Attachments:

- Letter from Robert Strand dated April 4, 2025, on behalf of TY Management
 [2025-04-04 TY Management - PUC - Letter Dawn N.S. Chang.pdf](#)
- Letter from Cal Chipchase dated April 15, 2025, on behalf of MLP
 [2025-04-15 MLP response letter to CWRM.pdf](#)
- Letter from Chair Chang to Robert Strand dated April 25, 2025
 [2025-04-25 Response to Letter from Carlsmith Ball.pdf](#)

Mahalo,
Ciara

Ciara W.K. Kahahane
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Commission on Water Resource Management
Department of Land and Natural Resources
Ka 'Oihana Kumuwaiwai 'Aina
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MEMORANDUM

From: Ciara W.K. Kahahane, Deputy Director, Commission on Water Resource Management

To: The Office of Governor Josh Green, M.D.

C: Dawn N.S. Chang, Chairperson, Commission on Water Resource Management

Date: August 18, 2025

Re: Kapalua Water Availability

Issue Summary

West Maui is experiencing a severe water shortage due to drought, which has led to limited surface and ground water availability. This shortage affects residents across West Maui, including those depending on stream flows in Honokōhau Valley and elsewhere, and those who are served by municipal systems. Current agreements give the County of Maui Department of Water Supply first priority for surface water, and Kapalua golf courses cannot use groundwater to meet their needs under the State Water Code.

The best near-term approach is to expand the use of R-1 recycled water, which has available capacity at the Lahaina Wastewater Reclamation Facility. With targeted infrastructure upgrades, Kapalua could meet its irrigation needs without drawing on scarce groundwater or surface water supplies needed for drinking water, fire protection, and streamflow.

Recommendations

- Groundwater should not be used to irrigate golf courses, especially during a long and severe West Maui water shortage.
- The interim IFS must be honored to protect instream uses, including traditional and customary practices.
- **Best near-term approach: Work with the County to expand the R-1 system:**
 - Fund upgrades to get water to the State's Lower Field 14 Reservoir and run a pipeline in the Honokōhau Ditch northward to Kapalua. Estimated cost: ~\$30 million (pumps, pipeline, tank; excluding legal/administrative expenses).
 - Engineering considerations:
 - Modifications to Honokahua siphon to allow South-to-North movement.
 - Kapalua's nonpotable system is currently integrated (fire hydrants, golf courses, resorts, and residential uses are all served by the same pipes). The golf course should be placed on an independent system by routing R-1 water to a dedicated tank above the course.

Ownership & Operations

- TY Management Corporation owns and operates the Bay Golf Course, Plantation Golf Course, and Golf Academy in Kapalua.
- Hawai‘i Water Service (HWS) operates the Honokohau Ditch on behalf of Maui Land and Pine (MLP). HWS also operates the diversions on Honokohau Stream on behalf of MLP.

Honokōhau Stream & Interim Instream Flow Standard (IFS)

- The interim IFS for Honokōhau Stream was adopted in 2019. The current phase requires 8.6 million gallons per day (mgd) to be restored to Honokōhau Stream.
- Stream flows supply MLP’s Honokōhau Ditch system, which delivers water to multiple dependent users.

County of Maui Department of Water Supply (MDWS) System

- Relies on surface water flows from Honokōhau Stream.
- Supplies water to existing developments as well as temporary housing projects like Ka La‘i Ola.
- North Subsystem: Serves from Napili to Honokōwai.
- South Subsystem: Serves Lahaina town and surrounding areas.
- Normal operating capacity of Mahinahina Surface Water Treatment Facility (SWTF) is 2.5 mgd.
- Water can currently be moved from the North subsystem to the South subsystem, but not South to North.

R-1 Recycled Water Use

Some Kā‘anapali area resorts and golf courses use R-1 recycled water from Lahaina Wastewater Reclamation Facility. This demonstrates that R-1 can support large-scale irrigation and landscaping, even in water shortage conditions.

Water Use Agreement: MLP & MDWS

- TY Management is entitled to up to 1.0 mgd, when available given the interim IFS set by the Commission.
- MDWS has first priority under the agreement. Surface water is treated at the Mahinahina SWTF and feeds MDWS’s North subsystem.

Current Water Shortage Situation, North West Maui

- Challenges:
 - Salting of MDWS production wells, likely caused by drought conditions.
 - Limited surface water availability due to ongoing drought.
 - Impacts to Honokōhau Valley residents, who rely on flows remaining in the stream under the interim IFS.
- MDWS is currently under a Stage 1 water shortage declaration. Hawai‘i Water Service has declared a Tier 4 water shortage on the Kapalua system.

Groundwater Use for Golf Courses

- Not encouraged / not allowed under the Water Code:
 - West Maui designated as a Water Management Area (Aug 2022).
 - Only “existing uses” at the time of designation can continue.
 - New water use permits are required for any new source.
 - MLP’s wells were not being used to irrigate golf courses in Aug 2022; therefore, they cannot be used for this purpose now.
- **Reservoir water:**
 - Serves both Kapalua fire hydrants and golf course irrigation.
 - Fire protection takes precedence.
 - When surface water is insufficient, groundwater is pumped to keep reservoirs topped off.
- CWRM staff support MLP’s prohibition of irrigation during severe water shortage and prioritization of municipal and firefighting needs.

Ongoing Studies

- MDWS has commissioned Carollo to perform a study to improve long-term water management and resiliency. CWRM staff is sharing information and strategies.
- Lahaina Wastewater Reclamation Facility (WWRF) produces over 4 mgd of R-1, but only up to ~1.9 mgd is used— leaving 2+ mgd of capacity unutilized.
- Current MDWS priority is replacing pipeline/pumps to reach elevations higher than 300ft in Honokōwai, but adding distribution to end users makai of Honoapi‘ilani Hwy would yield more benefit in the near term.



Outlook

Re: Posting GWUPAs online

From Imata, Ryan R [REDACTED]
Date Thu 9/18/2025 12:16 PM
To Roy Hardy [REDACTED]; Uyeno, Dean D [REDACTED]; Ken Kawahara
Cc Kahahane, Ciara WK [REDACTED]

Roy -

Responses in red below.

Mahalo,

RYAN R. IMATA, P.E.
Hydrologic Program Manager
Ground Water Branch
Commission on Water Resource Management

From: Roy Hardy [REDACTED]
Sent: Wednesday, September 17, 2025 7:33 PM
To: Imata, Ryan R [REDACTED]; Uyeno, Dean D [REDACTED]; Ken Hayashida [REDACTED]
Subject: [EXTERNAL] Posting GWUPAs online

Hi Ryan and Dean,

Based on yesterday's CWRM mtg, will there be online posting before the public notices for the applications? **We haven't spoken about the implementation so I don't know.**

I think it's moot now that the PGA tournament is cancelled, but would it be possible for HWS/MLP to amend their GWUPA and/or SWUPA to include the obviously missing GC TMKs for the existing end uses before any online posting or public notice so they can continue with their real existing uses until the CWRM acts? **That's more of a policy / legal question that needs to be addressed by both our AGs and the Commissioners.** Is it worth TY management (golf course owners) to write in asking for this or should they just go through the process, raise their objections that will trigger additional public hearings, and possibly request a CCH if not allowed to include the TMKs missed by HWS/MLP? **I can't advise you regarding how the issue can or should be raised. But if your client asks in writing, I assume we would send the request to our Deputy AG and possibly prepare a submittal to the Commission for decision making. I'm also not sure what the decision would be under that route, or the possibility of going to CCH on the matter.**

Thanks,
Roy

EXHIBIT 6

W. Roy Hardy, P.E.
Senior Engineer



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