

DAVID Y. IGE
Governor

JOSH GREEN
Lt. Governor



PHYLLIS SHIMABUKURO-GEISER
Chairperson, Board of Agriculture

MORRIS ATTA
Deputy to the Chairperson

State of Hawaii
DEPARTMENT OF AGRICULTURE
1428 South King Street
Honolulu, Hawaii 96814-2512
Phone: (808) 973-9600 FAX: (808) 973-9613

TESTIMONY OF PHYLLIS SHIMABUKURO-GEISER
CHAIRPERSON, BOARD OF AGRICULTURE

BEFORE THE COMMITTEE ON AGRICULTURE

FEBRUARY 11, 2022

10:00 A.M.

CONFERENCE ROOM 325

And VIA VIDEOCONFERENCE

HOUSE BILL NO. 1710
RELATING TO IRRIGATION

Chairperson Hashem and Members of the Committee:

Thank you for the opportunity to testify on Senate Bill 1710. The purpose of this bill is to appropriate moneys for water source infrastructure for water delivery and for maintenance and improvements to the Peekauai Ditch Irrigation System located on the Island of Kauai. The Department of Agriculture supports this measure provided it does not impact the priorities listed in the Executive Budget.

The Peekauai Ditch Irrigation System, also known as the Menehune Ditch, is run by the local farmers. While it is not a state-owned system, we support the improvements of all irrigation projects that encourage the growth of Hawaii's diversified agricultural community.

Thank you for the opportunity to testify on this measure



DAVID Y. IGE
GOVERNOR



CRAIG K. HIRAI
DIRECTOR

GLORIA CHANG
DEPUTY DIRECTOR

EMPLOYEES' RETIREMENT SYSTEM
HAWAII EMPLOYER-UNION HEALTH BENEFITS TRUST FUND
OFFICE OF THE PUBLIC DEFENDER

STATE OF HAWAII
DEPARTMENT OF BUDGET AND FINANCE
P.O. BOX 150
HONOLULU, HAWAII 96810-0150

ADMINISTRATIVE AND RESEARCH OFFICE
BUDGET, PROGRAM PLANNING AND
MANAGEMENT DIVISION
FINANCIAL ADMINISTRATION DIVISION
OFFICE OF FEDERAL AWARDS MANAGEMENT (OFAM)

WRITTEN ONLY
TESTIMONY BY CRAIG K. HIRAI
DIRECTOR, DEPARTMENT OF BUDGET AND FINANCE
TO THE HOUSE COMMITTEE ON AGRICULTURE
ON
HOUSE BILL NO. 1710

February 11, 2022
10:00 a.m.
Room 325 and Videoconference

RELATING TO IRRIGATION

The Department of Budget and Finance (B&F) offers comments on this bill.

House Bill No. 1710 appropriates an unspecified amount of general funds in FY 23 to the Department of Agriculture for maintenance and improvements to the Peekauai Ditch Irrigation System on Kaua'i.

B&F notes that, with respect to the general fund appropriation in this bill, the federal Coronavirus Response and Relief Supplemental Appropriations Act requires that states receiving Elementary and Secondary School Emergency Relief (ESSER) II funds and Governor's Emergency Education Relief II funds must maintain state support for:

- Elementary and secondary education in FY 22 at least at the proportional level of the state's support for elementary and secondary education relative to the state's overall spending, averaged over FYs 17, 18 and 19; and
- Higher education in FY 22 at least at the proportional level of the state's support for higher education relative to the state's overall spending, averaged over FYs 17, 18 and 19.

Further, the federal American Rescue Plan (ARP) Act requires that states receiving ARP ESSER funds must maintain state support for:

- Elementary and secondary education in FY 22 and FY 23 at least at the proportional level of the state's support for elementary and secondary education relative to the state's overall spending, averaged over FYs 17, 18 and 19; and
- Higher education in FY 22 and FY 23 at least at the proportional level of the state's support for higher education relative to the state's overall spending, averaged over FYs 17, 18 and 19.

The U.S. Department of Education has issued rules governing how these maintenance of effort (MOE) requirements are to be administered. B&F will be working with the money committees of the Legislature to ensure that the State of Hawai'i complies with these ESSER MOE requirements.

Thank you for your consideration of our comments.



Email: communications@ulupono.com

HOUSE COMMITTEE ON AGRICULTURE
Friday, February 11, 2022 — 10:00 a.m.

Ulupono Initiative supports HB 1710, Relating to Irrigation.

Dear Chair Hashem and Members of the Committee:

My name is Micah Munekata, and I am the Director of Government Affairs at Ulupono Initiative. We are a Hawai'i-focused impact investment firm that strives to improve quality of life throughout the islands by helping our communities become more resilient and self-sufficient through locally produced food; renewable energy and clean transportation; and better management of freshwater and waste.

Ulupono supports HB 1710, which appropriates funds to the Department of Agriculture (DOA) for water source infrastructure and the maintenance and improvement of the Peekauai Ditch Irrigation System located in Kaua'i.

Ulupono supports funding for critical agricultural infrastructure across the State. This bill identifies the needs of the Menehune Ditch on Kaua'i. There are other similar projects proposed in the Hawai'i Department of Agriculture's CIP Budget that merit strong consideration by the legislature.

Ulupono closely tracked the federal Infrastructure Investment and Jobs Act and advocated for key strategic investments in water infrastructure for agriculture. Unfortunately, the federal bill did not provide resources specifically targeted to support agricultural water systems. Agricultural water system infrastructure (irrigation systems) is an essential component of our state's efforts to achieve its goals of increasing local food production and food security.

This is affirmed in the DOA's 2019 Agricultural Water Use and Development Plan (AWUDP), which documents how Hawai'i's agricultural industry relies on these water systems to deliver inexpensive water to meet and expand agricultural production even during times of drought. The DOA has identified agricultural water systems as the most important infrastructural requirement needed to expand Hawai'i's diversified agriculture industry. However, most of the large-scale irrigation systems in the state are or will soon be more than 100 years old.

Additionally, according to the Association of State Dam Safety Officials' latest Dam Safety Performance Report, more than a third of Hawai'i's dams are rated either in poor or unsatisfactory condition.

In the AWUDP, the DOA estimates the five-year cost of repairs and maintenance for Hawai'i's most critical agricultural water systems at approximately \$168 million - of that amount, about \$90

Investing in a Sustainable Hawai'i

million is needed specifically for DOA-managed agricultural water systems over that same period. This is substantial for our small state, requiring an average of more than \$33 million per year for five years. While the price tag to repair and maintain these systems may seem high, the cost to replace these plantation-era water systems would be in the billions of dollars. More importantly, continuing to let these systems fall into disrepair puts Hawai'i's food security at risk, particularly the food security of the next generation who will be forced to adapt to a hotter and dryer planet.

Climate Change in Hawai'i

The importance of well-maintained agricultural water systems becomes even greater when the impacts of climate change on Hawai'i's food security are considered. In April 2021, Hawai'i became the first state to declare a climate emergency, when the State Legislature passed [Senate Concurrent Resolution 44 SD1 HD1](#), which also requested "statewide collaboration toward an immediate just transition and emergency mobilization effort to restore a safe climate."

The people of Hawai'i are seeing first-hand local impacts consistent with the effects of climate change: rising air temperatures; decreased rainfall and stream flow; increased rain intensity; increased frequency of drought; and increased frequency of powerful storms. For example:

- Since 1950, temperatures across the Hawaiian Islands have been on the rise, ranging from increases of 0.2 to 0.4 degrees Fahrenheit per decade;
- The annual total precipitation measured at Hilo International Airport decreased by nearly 20 inches since 1950—the most among Hawai'i's four major airports;
- Rain intensity is becoming as much a destructive factor as drought, with the amount of rain falling in the very heaviest downpours from 1958 to 2007 increasing by approximately 12%;
- The area in Hawai'i burned annually by wildfires has increased four-fold in recent decades, according to University of Hawai'i wildland fire researcher Clay Trauernicht; and
- Powerful storms are anticipated to become more frequent, as warmer climates tend to amplify existing weather patterns and variability, according to Hawai'i's state climatologist, Pao-Shin Chu.

These are each detrimental to local food production on their own; and yet, as an isolated island state we are also susceptible to climate change impacts far from our shores due to Hawai'i's continuing over-reliance on food from imports.

Food Pricing & Availability in Hawai'i

For international and domestic food producers, meeting the global demand of a projected 10 billion people by 2050—an increase of 2.3 billion people over just a quarter of a century—will become increasingly challenging as the Earth's climate continues to warm. Some estimate this will require an increase in global food production of 60%, if we are to ensure enough food for all.

According to research by The Nature Conservancy, climate change will bring increased moisture deficits across the United States. Nationally, the total area irrigated will need to increase by 11-54 million acres (an increase of 19-94%) by 2090 in order to maintain food production.

An analysis of top food producing states California and Iowa paints a grim picture:

- California, based on available data, produces over a third of the nation's vegetables and two-thirds of its fruits and nuts. Yet, California is expected to see a 50% increase in the number of severe droughts by the end of this century, with research predicting a decrease in

California's yields by more than 10% for walnuts, almonds, avocados, table grapes, rice, wheat, and tomatoes.

- Iowa is the largest producer of corn in the United States, with Iowa farms producing more than 19% of American corn, eggs (14%), hogs (30%), and soybeans (17%) in 2008. Iowa could see up to a 25% drop in corn yields by mid-century (from 200 to 150 bushels per acre), according to the Fourth National Climate Assessment, a federal study mandated by Congress and completed every four years, significant decreases are on the horizon.

Left dependent on imports, Hawai'i residents will experience greater volatility of food prices and food availability because of the impact of climate change on national and global food production. It can no longer be assumed that there will always be an unlimited supply of affordable food from overseas to feed Hawai'i's population.

Irrigation Infrastructure IS Part of Climate Change Adaptation

In the Biden Administration's fact sheet outlining the Infrastructure Investment and Jobs Act, the White House highlighted investments in **infrastructure to make communities more resilient to the impacts of climate change, including** "funds to protect against droughts and floods..."

Irrigation plays an essential role in increasing food production and is an effective method of climate change adaptation. Globally, irrigated land represents only 16% of arable land, but produces 44% of total crop production. For most crops, irrigation can double or triple crop yields. For example, irrigated crop yields for corn, soybean, and wheat are 165%, 75%, and 140% higher than rain-fed yields. In regards to climate change adaptation, irrigation systems mitigate the impact of decreasing rainfall, increasing frequency of drought, and increasing temperatures; and irrigation can help capture more rainfall during storm events, so that water can be used in the future.

The DOA's AWUDP plan concludes: "The investment into these agricultural water systems is the key to provide adequate water to continue to grow diversified agriculture. As the saying goes, ...without water there is no agriculture..., which is the reason these agricultural water systems were originally constructed—and why they need to be maintained for another 100 years."

We strongly agree. For generations to come, local food production will depend on these systems and their ability to provide water for local farmers and ranchers. This represents a singular opportunity to make Hawai'i more self-sufficient and resilient.

Thank you for this opportunity to testify.

Respectfully,

Micah Munekata
Director of Government Affairs



P.O. Box 253, Kunia, Hawai'i 96759
Phone: (808) 848-2074; Fax: (808) 848-1921
e-mail info@hfbf.org; www.hfbf.org

February 11, 2022

HEARING BEFORE THE
HOUSE COMMITTEE ON AGRICULTURE

TESTIMONY ON HB 1710
RELATING TO IRRIGATION

Conference Room 325 & Videoconference
10:00 AM

Aloha Chair Hashem, Vice-Chair Perruso, and Members of the Committee:

I am Brian Miyamoto, Executive Director of the Hawaii Farm Bureau (HFB). Organized since 1948, the HFB is comprised of 1,800 farm family members statewide and serves as Hawaii's voice of agriculture to protect, advocate and advance the social, economic, and educational interests of our diverse agricultural community.

The Hawaii Farm Bureau supports HB 1710, which appropriates funds to the Department of Agriculture for water source infrastructure and the maintenance and improvement to the Peekauai Ditch Irrigation System (Menehune Ditch) located on Kauai.

The repair and maintenance of our irrigation systems are critical because our farmers and ranchers depend on these irrigation systems for their operations. Water availability is a basic necessity for farmers and ranchers to maintain and expand their production, particularly in times of drought manifested on many islands as a result of a changing climate. Moreover, a reliable water supply is a key factor when Hawaii's farmers and ranchers are making decisions to start new or to expand existing operations.

The Peekauai Ditch irrigation system is the lifeline for farmers in the Waimea, Kauai area, especially taro growers. Kauai farmers in Waimea presently do not have enough water for taro production because of the present condition of the Menehune Ditch

Thank you for this opportunity to testify in support of this measure.



Hawai'i Aquaculture & Aquaponics Association
Hawai'i Cattlemen's Council
Hawai'i Farm Bureau Federation
Hawai'i Farmers' Union United
Hawai'i Food Industry Association
Hawai'i Food Manufacturers Association
Kohala Center
Land Use Research Foundation of Hawai'i
Maui Farm to School Network (Maui F2SN)
Ulupono Initiative
College of Tropical Agriculture and Human Resources - University of Hawai'i at Manoa

HOUSE COMMITTEE ON AGRICULTURE
February 11, 2022 – 10:00 a.m. – Via Videoconference

RE: HB 1710 – Relating to Irrigation – In Support

Aloha Chair Hashem, Vice Chair Perruso and Members of the Committee:

The Local Food Coalition **supports** HB 1710, which appropriates funds to the Department of Agriculture for water source infrastructure and the maintenance and improvement to the Peekauai Ditch Irrigation System on Kauai.

Waimea taro farmers do not have enough water for taro production because of the present condition of the Peekauai Ditch, also known as Menehune Ditch. Investing in this irrigation system will assist the state in its efforts to increase local food production

The Local Food Coalition is an organization comprising of farmers, ranchers, livestock producers, investors and other organizations working to provide Hawaii's food supply.

We respectfully request your support of HB 1710. Thank you for the opportunity to submit testimony.

Kendall Matsuyoshi
808-544-8345
kmatsuyoshi@wik.com



February 8, 2022

Representative Mark J. Hashem Chair
Representative Amy A. Perruso, Vice Chair
House Committee on Agriculture

Comments in Support of HB 1710 Relating to Irrigation (Appropriates funds to the Department of Agriculture [DOA] for water source infrastructure and the maintenance and improvement to the Peekauai Ditch Irrigation System located on Kauai.)

Friday, February 11, 2022, 10:00 a.m., in Conference Room 325, Via Videoconference.

The Land Use Research Foundation of Hawaii (LURF) is a private, non-profit research and trade association whose members include major Hawaii landowners, developers, and utility companies. LURF's mission is to advocate for reasonable, rational, and equitable land use planning, legislation and regulations that encourage well-planned economic growth and development, while safeguarding Hawaii's significant natural and cultural resources, and public health and safety.

LURF appreciates the opportunity to express its **support of HB 1710**, and of the various agricultural stakeholder groups who defend the goals of viable agricultural operations and the conservation and protection of agriculture, including important agricultural lands (IAL) in Hawaii.

HB 1710. This bill proposes to appropriate moneys for water source infrastructure for water delivery and for maintenance and improvements to the Peekauai ditch irrigation system located on the island of Kauai.

LURF's Position. Well-functioning irrigation systems are vital to Hawaii's agricultural industry to ensure that the State's agricultural crops receive a reliable and consistent supply of water to support and maintain productivity. LURF understands that Waimea taro farmers currently do not have adequate water for taro production due to the present condition of the Waimea Menehune Ditch. In order to ensure that these local taro farmers may continue to receive a dependable supply of water for crops, funding is necessary to improve, repair and maintain the Peekauai ditch irrigation system.

Local farmers and ranchers who rely on irrigation systems to service their agricultural lands consider such resources critical to conduct their agricultural operations and to sustain their businesses. These agricultural stakeholders believe measures such as HB 1710 will greatly assist by providing funding and support necessary to make improvements to irrigation systems for the long-term betterment of the State's agricultural industry and are relying on legislation such as this to help them work toward the expansion of diversified agriculture; promote the agricultural self-sufficiency of the State; and to protect water as a valuable and significant resource.

For the above reasons, LURF **supports** **HB 1710**, and respectfully urges your favorable consideration.

Thank you for the opportunity to provide comments in support of this matter.



Hawaii Cattlemen's Council, Inc.

COMMITTEE ON AGRICULTURE

Rep. Mark J. Hashem, Chair

Rep. Amy A. Perruso, Vice Chair

HB1710

Relating to Irrigation

Friday, February 11, 2022, 10:00 AM

VIA VIDEOCONFERENCE

Chair Hashem, Vice Chair Perruso, and Members of the Committee,

The Hawaii Cattlemen's Council **supports HB1710** to appropriate funds to the Department of Agriculture for water source infrastructure and the maintenance and improvement to the Peekauai Ditch Irrigation System located on Kauai.

Critical, aging ag infrastructure, such as irrigation ditches, require funding to ensure that these assets continue to remain usable for current and future Hawaii ag producers. Without this sort of infrastructure, food security goals will never be met due to the highly regulated and high cost nature of doing business and establishing this sort of infrastructure in Hawaii.

Thank you for the opportunity to testify on this matter.

Nicole Galase
Hawaii Cattlemen's Council
Managing Director





Testimony Before the House Committee on Agriculture
Friday, February 11, 2022 at 10:00 am HST
Conference Room 325
Via Video Conference
State Capitol
415 South Beretania Street
Honolulu, HI 96813

RE: SUPPORT FOR HB1710 RELATING TO IRRIGATION.

Dear Chair Hashem, Vice Chair Perruso and Distinguished Members of the Committee:

The Kaua'i Chamber supports the passage of House Bill No. 1710, which would appropriate funds to the Department of Agriculture for water source infrastructure and the maintenance and improvement of the Peekauai Ditch Irrigation System (Menehune Ditch) located on Kauai.

The ongoing repair and maintenance of the Menehune Ditch irrigation system is critical to the area farmers and ranchers who depend on these irrigation systems for their livelihoods. Without an operational system, many area farmers may not have the water resources necessary to successfully run their farms. This is especially true for taro growers.

This historic ditch or 'auwai is fabled to have been built by the menehune themselves. Some legends even claim that the ditch was built in one night. Whatever the truth, early Hawaiians and modern-day farmers both recognize the necessity of this irrigation system to nourish the land, which in turn provides food, work and other resources to our residents on the West side of Kaua'i.

Thank you for considering the position of the Kaua'i Chamber on this important matter.

Sincerely,

Mark Perriello
President & CEO

LARRY JEFTS FARMS, LLC
PO BOX 27
KUNIA, HAWAII 96759
(808) 688-2892

HB1710, Relating to Irrigation
House AGR Hearing
Wednesday, February 11, 2022
10:00am

Testimony By: Larry Jeffs
Position: Support

Chair Hashem, Vice Chair Perruso, Members of the House AGR Committee:

I am Larry Jeffs, owner and operator of Larry Jeffs Farms, LLC. We have more than 42 years of Hawaii farm experience on Molokai and Oahu. Our family farms grow about 1 million pounds weekly of import replacement produce. I am a volunteer director, serving as Chair of the West Oahu Soil and Water Conservation District (SWCD). I have been an officer of the Hawaii Farm Bureau for many years.

Water is the lifeblood of all farmers, and without affordable and accessible water, there will be no farming. No farming, no locally grown produce and livestock.

This measure provides appropriations to the HDOA for the maintenance and improvement to the Peekauai Ditch Irrigation System, also known as the Menehune Ditch. Without this support, many Kauai farmers including taro growers will not have ready access to water.

Thank you for the opportunity to present testimony.

HB-1710

Submitted on: 2/10/2022 8:41:54 AM

Testimony for AGR on 2/11/2022 10:00:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
stephanie iona	kekaha agriculture assn	Support	No

Comments:

Appreciate support of this bill to support our agricultural development of our farms on the Westside of Kauai.

Grateful for your kind consideration.

Scott E. Enright Company LLC
64-735 Mamalahoa Hwy
Kamuela, HI 96743

February 10, 2022

COMMITTEE ON AGRICULTURE
Rep. Mark J. Hashem, Chair
Rep. Amy A. Perruso, Vice Chair

Friday, February 11, 2022, 10:00 am
Conference Room 325
Via Videoconference

Position on HB1710: SUPPORT

Aloha Chair Hashem, Vice Chair Perruso, and Members of the Committee,

This testimony is in support of HB1710. There has been stated support for maintaining and developing a diversified agricultural economy in the State of Hawaii by this administration and by numerous elective officials. HB1710 is an occasion to demonstrate that support for legacy agriculture on Kauai. The Peekauai ditch has continually delivered water to taro (and other) farmers in the Waimea Valley for more than 800 years, and it continues to serve this vital role today as the sole supply of irrigation water to these fields.

HB1710 will allow a vital part of Kauai's diversified agriculture economy, taro, to continue to flourish on the westside of Kauai.

If this bill is approved, Kekaha Agriculture is offering to support the installation of these improvements and to maintain the upper portion of the Peekauai ditch for a period of five years.

I, again, ask for support on this bill.

Sincerely,



Scott Enright
Kekaha Agriculture Association
Consultant

HB-1710

Submitted on: 2/9/2022 7:22:39 PM

Testimony for AGR on 2/11/2022 10:00:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Theresa M Thompson	Individual	Support	No

Comments:

Aloha Chair Hashem, Vice-Chair Perruso, and Members of the Committee:

I support HB 1710, which appropriates funds to the Department of Agriculture for water source infrastructure and the maintenance and improvement of the Peekauai Ditch Irrigation System (Menehune Ditch) located on Kauai.

The repair and maintenance of our irrigation systems are critical because our farmers and ranchers depend on these irrigation systems for their operations. Water availability is a basic necessity for farmers and ranchers to maintain and expand their production, particularly in times of drought manifested on many islands as a result of a changing climate. Moreover, a reliable water supply is a key factor when Hawaii’s farmers and ranchers are making decisions to start new or to expand existing operations.

The Peekauai Ditch irrigation system is the lifeline for farmers in the Waimea, Kauai area, especially taro growers. Kauai farmers in Waimea presently do not have enough water for taro production because of the present condition of the Menehune Ditch.

Thank you for this opportunity to testify in support of this measure.

Theresa Thompson

HB-1710

Submitted on: 2/9/2022 2:19:29 PM

Testimony for AGR on 2/11/2022 10:00:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Kevin Mulkern	Individual	Support	No

Comments:

Aloha Chair Hashem, Vice-Chair Perruso, and Members of the Committee:

I support HB 1710, which appropriates funds to the Department of Agriculture for water source infrastructure and the maintenance and improvement of the Peekauai Ditch Irrigation System (Menehune Ditch) located on Kauai.

The repair and maintenance of our irrigation systems are critical because our farmers and ranchers depend on these irrigation systems for their operations.

The Peekauai Ditch irrigation system is the lifeline for farmers in the Waimea, Kauai area, especially taro growers. Kauai farmers in Waimea presently do not have enough water for taro production because of the present condition of the Menehune Ditch.

Thank you for this opportunity to testify in support of this measure.

HB-1710

Submitted on: 2/9/2022 1:35:23 PM

Testimony for AGR on 2/11/2022 10:00:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Randy Cabral	Individual	Support	No

Comments:

Strongly support

HB-1710

Submitted on: 2/9/2022 8:19:50 PM

Testimony for AGR on 2/11/2022 10:00:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Tom Mendes	Individual	Support	No

Comments:

Aloha Chair Hashem, Vice-Chair Perruso, and Members of the Committee:

I support HB 2305, which appropriates funds to the Department of Agriculture for water source infrastructure and the maintenance and improvement of the Peekauai Ditch Irrigation System (Menehune Ditch) located on Kauai.

The repair and maintenance of our irrigation systems are critical because our farmers and ranchers depend on these irrigation systems for their operations. Water availability is a basic necessity for farmers and ranchers to maintain and expand their production, particularly in times of drought manifested on many islands as a result of a changing climate. Moreover, a reliable water supply is a key factor when Hawaii’s farmers and ranchers are making decisions to start new or to expand existing operations.

The Peekauai Ditch irrigation system is the lifeline for farmers in the Waimea, Kauai area, especially taro growers. Kauai farmers in Waimea presently do not have enough water for taro production because of the present condition of the Menehune Ditch.

Thank you for this opportunity to testify in support of this measure.

HB-1710

Submitted on: 2/9/2022 2:17:54 PM

Testimony for AGR on 2/11/2022 10:00:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Susan Shaheen Mulkern	Individual	Support	No

Comments:

Aloha Chair Hashem, Vice-Chair Perruso, and Members of the Committee:

I support HB 1710, which appropriates funds to the Department of Agriculture for water source infrastructure and the maintenance and improvement of the Peekauai Ditch Irrigation System (Menehune Ditch) located on Kauai.

The repair and maintenance of our irrigation systems are critical because our farmers and ranchers depend on these irrigation systems for their operations. Water availability is a basic necessity for farmers and ranchers to maintain and expand their production, particularly in times of drought manifested on many islands as a result of a changing climate. Moreover, a reliable water supply is a key factor when Hawaii’s farmers and ranchers are making decisions to start new or to expand existing operations; new farms are needed for our state to support our population.

The Peekauai Ditch irrigation system is the lifeline for farmers in the Waimea, Kauai area, especially taro growers. Kauai farmers in Waimea presently do not have enough water for taro production because of the present condition of the Menehune Ditch.

Thank you for this opportunity to testify in support of this measure.

HB-1710

Submitted on: 2/9/2022 8:33:55 PM

Testimony for AGR on 2/11/2022 10:00:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Edward Kawamura	Individual	Support	No

Comments:

I, EDWARD KAWAMURA SUPPORT THIS BILL AND ASK LEGISLATORS TO SUPPORT KAUAI AGRICULTURE. THANK YOU VERY MUCH.

HB-1710

Submitted on: 2/8/2022 5:59:48 PM

Testimony for AGR on 2/11/2022 10:00:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
John R. Gordines	Individual	Support	No

Comments:

Repair and maintenance of the Menehune ditch system on Kaua'i west side is crucial to the future of taro and farming on the west side of Kaua'i. No water no food!

Respectfully,

Johnny Gordines

vice president/Kaua'i County Farm Bureau

HB-1710

Submitted on: 2/9/2022 8:31:43 AM

Testimony for AGR on 2/11/2022 10:00:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
J Ashman	Individual	Support	No

Comments:

Thank you for supporting agriculture.

HB-1710

Submitted on: 2/9/2022 1:30:14 PM

Testimony for AGR on 2/11/2022 10:00:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Kaelin Sylva	Individual	Support	No

Comments:

Aloha Chair Hashem, Vice-Chair Perruso, and Members of the Committee:

I support HB 1710, which appropriates funds to the Department of Agriculture for water source infrastructure and the maintenance and improvement of the Peekauai Ditch Irrigation System (Menehune Ditch) located on Kauai.

The repair and maintenance of our irrigation systems are critical because our farmers and ranchers depend on these irrigation systems for their operations. Water availability is a basic necessity for farmers and ranchers to maintain and expand their production, particularly in times of drought manifested on many islands as a result of a changing climate. Moreover, a reliable water supply is a key factor when Hawaii’s farmers and ranchers are making decisions to start new or to expand existing operations.

The Peekauai Ditch irrigation system is the lifeline for farmers in the Waimea, Kauai area, especially taro growers. Kauai farmers in Waimea presently do not have enough water for taro production because of the present condition of the Menehune Ditch.

Thank you for this opportunity to testify in support of this measure.

HB-1710

Submitted on: 2/9/2022 11:38:13 PM

Testimony for AGR on 2/11/2022 10:00:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Frederick M. Mencher	Individual	Support	No

Comments:

Aloha Chair Hashem, Vice-Chair Perruso, and Members of the Committee:

I support HB 1710, which appropriates funds to the Department of Agriculture for water source infrastructure and the maintenance and improvement of the Peekauai Ditch Irrigation System (Menehune Ditch) located on Kauai.

The repair and maintenance of our irrigation systems are critical because our farmers and ranchers depend on these irrigation systems for their operations. Water availability is a basic necessity for farmers and ranchers to maintain and expand their production, particularly in times of drought manifested on many islands as a result of a changing climate. Moreover, a reliable water supply is a key factor when Hawaii’s farmers and ranchers are making decisions to start new or to expand existing operations.

The Peekauai Ditch irrigation system is the lifeline for farmers in the Waimea, Kauai area, especially taro growers. Kauai farmers in Waimea presently do not have enough water for taro production because of the present condition of the Menehune Ditch.

Thank you for this opportunity to testify in support of this measure.

Frederick M. Mencher

HB-1710

Submitted on: 2/9/2022 11:46:23 PM

Testimony for AGR on 2/11/2022 10:00:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Amy Chun	Individual	Support	No

Comments:

Aloha Chair Hashem, Vice-Chair Perruso, and Members of the Committee:

I support HB 1710, which appropriates funds to the Department of Agriculture for water source infrastructure and the maintenance and improvement of the Peekauai Ditch Irrigation System (Menehune Ditch) located on Kauai.

The repair and maintenance of our irrigation systems are critical because our farmers and ranchers depend on these irrigation systems for their operations. Water availability is a basic necessity for farmers and ranchers to maintain and expand their production, particularly in times of drought manifested on many islands as a result of a changing climate. Moreover, a reliable water supply is a key factor when Hawaii's farmers and ranchers are making decisions to start new or to expand existing operations.

The Peekauai Ditch irrigation system is the lifeline for farmers in the Waimea, Kauai area, especially taro growers. Kauai farmers in Waimea presently do not have enough water for taro production because of the present condition of the Menehune Ditch.

Thank you for this opportunity to testify in support of this measure.

HB-1710

Submitted on: 2/10/2022 8:30:18 AM

Testimony for AGR on 2/11/2022 10:00:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Mark Stoutemyer	Individual	Support	No

Comments:

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Thank you for this opportunity to testify in support of this measure.

Mahalo, Mark Stoutemyer