

JOSH GREEN, M.D.  
GOVERNOR

SYLVIA LUKE  
LT. GOVERNOR



WENDY GADY  
EXECUTIVE DIRECTOR

STATE OF HAWAII  
**AGRIBUSINESS DEVELOPMENT CORPORATION**  
HUI HO'OU LU AINA MAHIAI

TESTIMONY OF WENDY L. GADY  
EXECUTIVE DIRECTOR  
AGRIBUSINESS DEVELOPMENT CORPORATION

**LATE**

BEFORE THE SENATE COMMITTEE ON WAYS AND MEANS  
February 27, 2025  
10:30 a.m.  
Conference Room 229 & Videoconference

SENATE BILL NO. 1541 SD1  
RELATING TO THE WAI AHOLE WATER SYSTEM

Chair Dela Cruz, Vice Chair Moriwaki, and Members of the Committee:

Thank you for the opportunity to testify in support of Senate Bill No. 1541 SD1 which appropriates funds to the Agribusiness Development Corporation to fully pay off the bond debt service on the Waiahole water system and repair the adit 8 tunnel. This measure is critical for ensuring the continued operation and maintenance of a vital water infrastructure system that supports Hawaii's agricultural industry and food security efforts.

The Waiahole Water System plays an essential role in supporting agriculture on O'ahu, particularly in Central and Leeward regions where water availability is a significant constraint. By delivering a reliable source of irrigation water, the system sustains local farming operations, promotes diversified agriculture, and contributes to Hawaii's efforts to achieve food security and reduce dependence on imported goods.

To maximize the impact of the suggested appropriation, we recommend utilizing the following:

- **Regular Maintenance Schedules:** Establish a comprehensive maintenance and inspection schedule to ensure the system remains operational and avoids future disruptions.
- **Stakeholder Collaboration:** Engage with farmers, community organizations, and water resource experts to prioritize repairs and upgrades that address the most urgent needs.
- **Transparent Reporting:** Require periodic reporting on the use of funds and the progress of repairs to ensure accountability and public trust in the management of the system.
- **Explore Future Upgrades:** Consider incorporating advanced water management technologies and sustainability measures to further enhance the efficiency and environmental benefits of the system.

We support this bill provided that its passage does not replace or adversely impact priorities indicated in our Executive Budget. House Bill 781 is a critical investment in Hawai'i's agricultural infrastructure and future food security. By funding bond debt service and necessary tunnel repairs for the Waiahole water system, this measure will sustain the essential water resources that our farmers and communities rely upon. Thank you for your consideration of our testimony.



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February 27, 2025

HEARING BEFORE THE  
SENATE COMMITTEE ON WAYS AND MEANS

**TESTIMONY ON SB 1541, SD1**  
RELATING TO THE WAIHAOLE WATER SYSTEM

Conference Room 211 & Videoconference  
10:30 AM

Aloha Chair Dela Cruz, Vice-Chair Moriwaki, and Members of the Committee:

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

**The Hawai'i Farm Bureau supports SB 1541, SD1**, which appropriates funds for the Waiahole Water System for bond debt service and tunnel repair.

Since the demise of plantation operations across the islands, we have seen the erosion of irrigation systems. Ditches that carried water fell into disrepair, with significant leaks in the system and cracks in tunnels creating enough losses that there is no longer a significant flow of water. The Legislature continues to advocate for increased self-sufficiency and sustainability. Agriculture must play a key role in the process, and for there to be agriculture, water is essential.

The Waiahole Irrigation System was built about 100 years ago and continues to be a critical infrastructure system that provides water to thousands of acres of prime agricultural lands in central O'ahu. The central plains of O'ahu are one of the most highly productive and diversified agricultural regions in the State.

The State Agribusiness Development Corporation (ADC), recognizing the system's importance to the State's future sustainability, purchased the Waiahole Irrigation in 1989. The Waiahole Water System tunnels are aging and require critical repairs to ensure structural integrity and uninterrupted water delivery. Delayed maintenance risks costly failures that could disrupt water availability for agriculture. Addressing infrastructure needs proactively avoids emergency situations and escalated repair costs, ensuring the efficient and cost-effective management of state resources.

Supporting the bond debt service for the Waiahole Water System ensures its financial sustainability and reinforces the state's commitment to maintaining this essential resource for agricultural use.

SB 1541, SD1 is a necessary investment in Hawai'i's agricultural infrastructure, supporting agriculture and sustainable water resource management. HFB urges the committee to pass this measure to ensure the continued operation and reliability of the Waiahole Water System, a cornerstone of O'ahu's agricultural success.

Thank you for the opportunity to testify on this important matter.



February 21, 2025

Senator Donovan M. Dela Cruz, Chair  
Senator Sharon Y. Moriwaki, Vice Chair  
Senate Committee on Ways and Means

**Support of SB 1541, S.D., 1, Relating to the Waiahole Water System  
(Appropriates funds for the Waiahole Water System for bond debt service  
and tunnel repair. Effective 7/1/2050.)**

**Thursday, February 27, 2025, at 10:30 a.m.  
State Capitol, Conference Room 211 & 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 SB 1541, S.D., 1**, 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 in Hawaii.

**SB 1541, S.D., 1.** The purpose of this bill is to provide additional funding for improvements to the Waiahole irrigation system.

**LURF's Position.** Since large amounts of prime agricultural lands and irrigation systems became available for conversion to diversified agriculture due to the plantation closures in the 1990s, the State has had the opportunity to strengthen and expand Hawaii's diversified agriculture industry. Agricultural lands, however, require significant quantities of water to support and maintain productivity. To ensure that local agricultural producers may continue to receive a dependable supply of water for crops, as well as research and development operations, sufficient funding is necessary to improve, repair and maintain Hawaii's irrigation systems.

The Waiahole irrigation system, one of Hawaii's most important irrigation systems, is over a hundred years old, 23.5 miles long, and services thousands of acres of productive agricultural lands in central Oahu. The system is one of many irrigation systems throughout the State which are vital to Hawaii's agricultural industry.

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 confirm that SB 1541, S.D., 1 will greatly assist by providing funding necessary to fully pay off the bond debt service which was incurred by the agribusiness development corporation to procure and make improvements to the Waiahole Water System, and to now also make critical repairs to the System's adit 8 tunnel. Such action is vital to support and promote the long-term betterment of the State's agricultural industry and to work toward the expansion of diversified agriculture; promote the agricultural self-sufficiency of the State; and to protect water as an important resource.

For the above reasons, LURF **supports SB 1541, S.D., 1** and respectfully urges your favorable consideration.

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



February 27, 2025

Senate Committee on Ways & Means

Time: 10:30 am

Place: Conference Room 211

Testimony on SB 1541, SD 1

Relating to the Waiahole Water System

Position: Support

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Chair Dela Cruz and committee members:

Bayer U.S.  
94-520 Kunia Road  
P.O. Box 200  
Kunia, HI 96759

My name is Alan Takemoto, Government Affairs Manager for Bayer in Hawaii.

We are in support of SB 1541, SD 1, which appropriates funds for bond debt service and tunnel repair.

The Waiahole Water System (WWS) is one of the most important agricultural infrastructure the State has invested in on Oahu. The WWS covers over 5,000 acres of prime and productive agricultural lands that serves many farm operations in central Oahu.

The WWS is an aging system that was built in the early 1900's. It is a unique irrigation system that moves water by gravity through several siphons over 26 miles from the Koolau mountains to the central plains of Oahu. The State's purchase of the system in 1999 was one of the most important investments that assures farming will continue on the central plains of Oahu.

The importance of paying down the debt and making necessary repairs will strengthen the future of agriculture on Oahu.

Thank you for allowing us to testify in support of this measure.



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SENATE COMMITTEE ON WAYS AND MEANS  
Thursday, February 27, 2025 — 10:30 a.m.

**Ulupono Initiative supports SB 1541 SD 1, Relating to the Waiahole Water System**

Dear Chair Dela Cruz and Members of the Committee:

My name is Mariah Yoshizu, and I am the Government Affairs Associate at Ulupono Initiative. We are a Hawai'i-focused impact investment firm that strives to improve the 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 choices, and better management of freshwater resources.

**Ulupono supports SB 1541 SD 1**, which appropriates funds for the Waiahole Water System for bond debt service and tunnel repair.

The Waiahole Water System is a cornerstone of agricultural sustainability on O'ahu, particularly in the Central and Leeward regions where water accessibility presents significant challenges. Specifically, this measure merits support for several compelling reasons:

- The system provides irreplaceable water security for agricultural operations. Without reliable irrigation water, our farming communities cannot sustain their operations or plan for future growth.
- The requested funding addresses critical infrastructure needs, particularly the repair of the adit 8 tunnel, through which all water from the Waiahole Water System must pass. This maintenance will prevent system deterioration and avoid more costly repairs in the future.
- Funding supports broader economic and environmental goals. The system's reliability directly impacts the livelihoods of local farmers and agricultural workers, contributing to rural economic vitality, and promotes Hawai'i's environmental stewardship priorities and commitment to sustainable resource management.
- The Waiahole Water System plays a crucial role in advancing Hawai'i's food security. As we work to reduce our dependence on imported food, maintaining reliable agricultural water infrastructure enables increased local food production capacity.

This worthy investment proposed in this bill represents a critical commitment to ensuring that the Waiahole Water System continues to serve our farming communities effectively while supporting our broader goals for agricultural sustainability and food security.

Respectfully,

Mariah Yoshizu  
Government Affairs Associate

*Investing in a Sustainable Hawai'i*

LARRY JEFTS FARMS, LLC  
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SB1541sd1, Relating to The Waiahole Water System  
Senate WAM Decision-Making Hearing – 10:30 AM  
Thursday, February 27, 2025

Testimony By: Larry Jeffs  
Position: Support

Chair Dela Cruz, Vice Chair Moriwaki, and Members of the Senate WAM Committee:

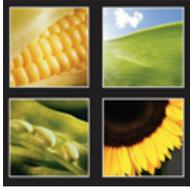
I am Larry Jeffs, owner and operator of Larry Jeffs Farms, LLC. We have more than 42 years of Hawaii farm experience on Molokai and Oahu. Our family farms grow about 1 million pounds weekly of import replacement produce. I am a volunteer director, serving as Chair of the West Oahu Soil and Water Conservation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

Consistent access to affordable water is vital; water is the lifeblood of my farms. Without such access, there would be no farms.

Funding to pay off the bond debt is a high priority for Central and Leeward Oahu agriculture, of which the Waiahole Water system provides irrigation water to 5,866 acres. Relief from the bond debt costs helps mitigate the cost of water to farmers.

During the days of plantation agriculture, plantations repaired and maintained irrigation systems, not only for their use, but these systems were often beneficial to surrounding farmers and, at times, residential areas. When plantations closed, irrigation systems fell into disrepair and still need repair. Repairs to the adit 8 tunnel are at a critical point of deferred maintenance. All of the Waiahole water must pass through adit 8 tunnel.

Your favorable consideration of SB1541sd1 is appreciated. Thank you for the opportunity to testify on this bill.



# HAWAII CROP IMPROVEMENT ASSOCIATION

SB1541 SD1 – In Support  
Relating to the Waiahole Water System

Senate Committee on Ways and Means

Date: Thursday, February 27, 2025  
Time: 10:30 AM  
Place: Conference Room 211

Aloha Chair Dela Cruz, Vice Chair Moriwaki, and Members of the Committee:

The Hawaii Crop Improvement Association (HCIA) appreciates the opportunity to provide testimony **in support of SB1541 SD1**, which appropriates funds for the Waiahole Water System for bond debt service and tunnel repair.

The Waiahole Irrigation System (WIS) is one of the most important infrastructure investments on Oahu. A product of the sugar plantation era, the system was built in the early 1900s, moving water by gravity through several siphons over 26 miles from the Ko‘olau mountains to the central plains of Oahu. The WIS provides water to over 5,000 acres of productive agricultural lands on central Oahu, serving about a dozen agricultural users.

Due to its age, the WIS has and will need ongoing capital improvement and maintenance. This bill would retire existing debts, allowing the Agribusiness Development Corporation to focus on its users and help keep Oahu’s agriculture industry viable into the future. It would also address much needed repairs while maximizing the efficiency of the current system.

Mahalo for the opportunity to testify on this measure.

*The Hawaii Crop Improvement Association is a Hawaii-based non-profit organization that promotes modern agriculture to help farmers and communities succeed. Through education, collaboration, and advocacy, we work to ensure a safe and sustainable food supply, support responsible farming practices, and build a healthy economy.*