

SB

893

From: mailinglist@capitol.hawaii.gov
To: [WTLTestimony](#)
Cc: lchow@kauai.gov
Subject: Submitted testimony for SB893 on Feb 11, 2015 15:30PM
Date: Monday, February 09, 2015 4:37:14 PM
Attachments: [testimony on SB 893-KK.pdf](#)

SB893

Submitted on: 2/9/2015

Testimony for WTL on Feb 11, 2015 15:30PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Office of the County Clerk, Council Services Div.	Councilmember, Kauai County Council	Support	No

Comments: Attached you will find a revised version of testimony from Councilmember KipuKai Kualii, on SB 893 as this replaces the earlier version that was sent in reference to the SB NO. Mahalo

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

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Telephone (808) 241-4188
Fax (808) 241-6349
Email cokcouncil@kauai.gov

Council Services Division
4396 Rice Street, Suite 209
Lihu'e, Kaua'i, Hawai'i 96766

February 9, 2015

TESTIMONY OF KIPUKAI KUALI'I
COUNCILMEMBER, KAUAI COUNTY COUNCIL
ON

SB 893, RELATING TO WATER AND SEWER DISTRIBUTION SYSTEMS
Committee on Water and Land
Wednesday, February 11, 2015
3:30 P.M.
Conference Room 224

Dear Chair Thielen and Committee Members:

Thank you for this opportunity to submit testimony in support of SB 893, regarding water and sewer distribution systems. My testimony is submitted in my capacity as the Economic Development & Intergovernmental Relations Committee Chair and as an individual Councilmember on the Kaua'i County Council.

SB 893 seeks funding for research on water and sewer distribution systems in each County, and initiates a pilot study for advanced monitoring of water systems. I believe the water and sewer distribution systems in our State are important for any future economic growth. Furthermore, as the United States Environmental Protection Agency identified, there is a need to appropriately evaluate and improve the funding mechanism used to support our water systems and infrastructure. This will assist with using available funding resources in an efficient and fiscally responsible manner.

For the reasons stated above, I strongly encourage the Committee on Water and Land to support this measure. Should you have any questions, please feel free to contact me or Council Services Staff at (808) 241-4188.

Sincerely,

KIPUKAI KUALI'I
Councilmember, Kaua'i County Council

AB:lc

From: mailinglist@capitol.hawaii.gov
To: [WTLTestimony](#)
Cc: mmcguffie@enterprisehonolulu.com
Subject: Submitted testimony for SB893 on Feb 11, 2015 15:30PM
Date: Wednesday, February 11, 2015 9:43:19 AM
Attachments: [Support SB893.pdf](#)

SB893

Submitted on: 2/11/2015

Testimony for WTL on Feb 11, 2015 15:30PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Mark McGuffie	Enterprise Honolulu	Support	No

Comments: Aloha Chair Thielen and Vice Chair Galuteria! Please find attached supporting testimony for SB 893. Mahalo Mark McGuffie

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SENT VIA EMAIL

February 10, 2015

Senator Laura H. Thielen
Chair, Committee on Water and Land
Senator Brickwood Galuteria
Chair, Committee on Water and Land
Hearing on Senate Bill 893
Relating to Water and Sewer Distribution Systems
State Capitol, Conference Room 224

Aloha Chair Thielen and Vice Chair Galuteria!


Enterprise Honolulu supports Senate Bill 893 to conduct needed research and analysis on water and sewer distribution systems across our Hawaii islands.

The Pacific-Asia Institute for Resilience and Sustainability (AIRS) was formed to address key critical infrastructure issues, including studying advanced monitoring of our water systems.

As isolated island communities, establishing a collaborative approach in conjunction with the U.S. Environmental Protection Agency, the State of Hawaii, County government agencies and watershed partnerships to review and recommend methods to strengthen our lifeline and the uses of water resources is of paramount importance.

Please feel free to contact me directly should you have any questions.

Sincerely,


Mark McGuffie
Managing Director
Enterprise Honolulu, Oahu Economic Development Board



ENTERPRISE
HONOLULU

THE BUSINESS CLIMATE OF PARADISE

From: mailinglist@capitol.hawaii.gov
To: [WTLTestimony](#)
Cc: franosj@gmail.com
Subject: Submitted testimony for SB893 on Feb 11, 2015 15:30PM
Date: Monday, February 09, 2015 11:04:09 PM

SB893

Submitted on: 2/9/2015

Testimony for WTL on Feb 11, 2015 15:30PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Stephen Frano	Individual	Support	No

Comments: Dear Chair Thielen and members, I strongly support SB893. I know that the Honolulu Board of Water Supply will on average, respond to one water main break a day. This model of running around plugging holes is not sustainable, now or anytime in the future. Something must be changed to break away from how we continue to maintain our most precious resource. The research team identified here has already started to do great work on the powergrid and I believe they can continue these efforts into the water and sewer distribution systems. This legislation will explore how to combine communication networks with the water and sewer distribution systems using smart sensors and meters along the entire system's pathway and then use the data to effectively and efficiently make decisions on the distribution of our drinking water and waste water. I fully support this bill and believe it is a critical step in helping to make Hawaii a true resilient community.

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From: mailinglist@capitol.hawaii.gov
To: [WTLTestimony](#)
Cc: stevechanksg@gmail.com
Subject: Submitted testimony for SB893 on Feb 11, 2015 15:30PM
Date: Wednesday, February 11, 2015 7:30:20 AM
Attachments: [Water Testimony.pdf](#)

SB893

Submitted on: 2/11/2015

Testimony for WTL on Feb 11, 2015 15:30PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Steve Chan	Individual	Support	No

Comments:

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Water and sewer management costs continue to increase due to the issues around water loss and overflows and this affects both the security and sustainability of the State not just the city and counties. Given the scale of intensifying water management problems, effectively tackling these challenges requires a shift in thinking and actions around how water is managed and used.

Currently, the State has access to more than \$100 million in the State Revolving Fund to address many of these issues. The Pacific Asia Institute for Resilience and Sustainability (AIRS) research efforts are designed to assist in capturing data on the location, condition of assets, and water flows. This data can be analyzed and visualized in real-time to generate insight on water consumption behavior and supply conditions, as well as generate alerts of actual or potential losses from leaks and aging equipment across the network. The AIRS research team can also assist in bringing together different partners and funding opportunities to address the mounting water management challenges.

Current systems are generally stand-alone and limited in scalability, but water and sewer systems need to provide an integrated operating picture with robust real-time analytics, modeling and decision-support capabilities. This will provide greater visibility into what is happening across the water network on all the islands.

This bill will empower the Pacific Asia Institute for Resilience and Sustainability to recommend the deployment of the right technology to provide comprehensive visibility and situational awareness that spans water and wastewater operations to include an advanced level of event and incident management, improved decision-making, and enhanced efficiency to benefit the local population.

Ultimately, our city and county managers can use the technology and the insights it provides to more effectively manage demand, effectively control supply through better decisions about what, when, and how much water to store, treat and distribute. It also enables improved collaboration and more coordinated management across multiple stakeholders by enabling them to access and share data on a single platform.