

Jeannine Johnson, Legislative Sub-Committee Chair

Kuli'ou'ou / Kalani Iki Neighborhood Board #2

5648 Pia Street, Honolulu, Hawai'i 96821

Phone: 373-2874 (h) / 537-7261 (w)

March 14, 2011

COMMITTEE ON TRANSPORTATION

COMMITTEE ON WATER, LAND, & OCEAN RESOURCES

Re: HCR 104 Requesting the DOT in consultation with the BLNR, to Conduct a Study on Reducing the Sewer and Utility Line Load, by Repairing an Artery to Allow Traditional Water Flow to Kalauha'iha'i Fishpond and Maunalua Bay

Hrg: Wednesday, March 16, 2011 at 11:30 am in Conf. Room 309

Aloha mai kākou,

Under Section 2-14-125 of the Neighborhood Board Plan, I have been appointed as a Delegate with responsibilities to represent the **Kuli'ou'ou / Kalani Iki Neighborhood Board #2** on matters approved by the Board. As Committee Chair of the **Kuli'ou'ou / Kalani Iki Neighborhood Board #2** Legislative Sub-Committee, I am pleased to inform you **Neighborhood Board #2** supports HCR104. **Neighborhood Board #2** represents over 6,000 households, with a population of almost 20,000 people (State of Hawaii Data Book 2002) in East Honolulu.

Before Westerners arrived in Hawai'i, native Hawaiians lived a life of self-subsistence and harmony with the land and sea. Native Hawaiians understood that by caring for the land and sea, they too, would be cared for by the land and sea. A great example of this is a native Hawaiian fishpond (loko i'a or loko kuapā) which were first built around the fifteenth century. Hawaiians built 488 fishponds statewide, however only about 60 fishponds remain recognizable today. O'ahu alone had 97 fishponds, but only six accessible ponds remain today. Thirteen fishponds have been restored statewide, with six ponds currently in use: three on Moloka'i, one on the island of Hawai'i, and two on O'ahu.

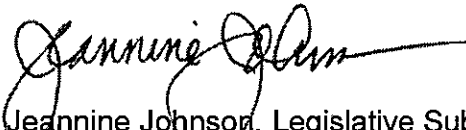
Currently, the Maunalua Fishpond Heritage Center is working to restore the water flow at Kalauha'iha'i (Lucas Spring and Fishpond) in Niu Valley, reported to be the location of a summer home of Kamehameha I and where Queen Ka'ahumanu was said to have renounced the ancient kapu system at the Kalauha'iha'i Assembly. Kalauha'iha'i refers to the scattering of the leaves and breaking of the ancient kapu.

Recognizing the important cultural significance this fishpond represents as well as that the restoration of the water flow at Kalauha'iha'i would help restore the ecosystem and environmental quality of Maunalua Bay and mitigate environmental damage to our coastal area, at its October 7, 2010 meeting, **Neighborhood Board #2** unanimously passed the attached Resolution Urging the State of Hawai'i to Repair Lucas Spring and

Return the Water Flow to Kalauha'ihai Fishpond. I believe **Neighborhood Board #2** would also support Requesting the DOT in consultation with the BLNR, to Conduct a Study on Reducing the Sewer and Utility Line Load, by Repairing an Artery to Allow Traditional Water Flow to Kalauha'ihai Fishpond and Maunalua Bay. Because of the current financial crisis of the State, I also believe the striking out of the word "conduct" and replacing it with "support a study" would be amenable.

Your support of HCR104 is respectfully requested.

'O au iho nō me ke aloha,



Jeannine Johnson, Legislative Sub-Committee Chair
Kuli'ou'ou / Kalani Iki Neighborhood Board #2
5648 Pia Street, Honolulu, HI 96821
Phone: 373-2874 / 537-7261 (work)
Email: jeannine@hawaii.rr.com

Horse drinking fresh water from a
spring; Niu, Oahu,
Hawaii/Mitchell/1886
Bishop Museum Coll





KULI'OU'OU/KALANI IKI NEIGHBORHOOD BOARD NO. 2

c/o NEIGHBORHOOD COMMISSION • 530 SOUTH KING STREET ROOM 406 • HONOLULU, HAWAII, 96813
PHONE (808) 768-3710 • FAX (808) 768-3711 • INTERNET <http://www.honolulu.gov/nco>

Resolution Urging the State of Hawai'i to Repair Lucas Spring and Return the Water Flow to Kalauha'iha'i Fishpond

WHEREAS, Kalauha'iha'i was the summer home of King Kamehameha the Great and Queen Ka'ahumanu; and

WHEREAS, in 1819, Queen Ka'ahumanu renounced the ancient kapu system at the Kalauha'iha'i Assembly. Kalauha'iha'i refers to the scattering of the leaves and breaking of the ancient kapu; and

WHEREAS, in 1820, King Kamehameha awards the ahupua'a of Niu, including the Lucas Spring and Kalauha'iha'i Fishpond, to Captain Alexander Adams. The Fishpond is later used for the family dairy by Mary Papapaupu Lucas, the granddaughter of Captain Adams and his descendants who remain in the area; and

WHEREAS, historically, the fresh water of the spring was supplied to whaling ships; and

WHEREAS, in 1989, "Lucas Spring" is registered as a fishpond by the State Water Commission. Inhabitants include aholehole, 'opae lolo, mullet, awa, hihiwai, and koi. Property owner Tad Hara occupies the glass floor home over the pond; and

WHEREAS, in the early 1990s, during the State of Hawai'i's widening of Kalaniana'ole Highway, it ruptures a lava tubes connecting Kalauha'iha'i to the Spring and underground artesian well directly mauka of the pond. Spring flow to the ocean is cut and the pond fish die. The native limu disappear as invasive algae cover the reef. Following a legal battle and condemnation, ownership of Kalauha'iha'i goes to the Department of Transportation (DOT); and

WHEREAS, the loss of the flow of fresh water into Maunalua Bay changed the ecosystem and water quality of the Bay to higher salinity allowing and encouraging the growth of invasive algae; and

WHEREAS, restoration of the water flow at Kalauha'iha'i would help restore the ecosystem and environmental quality of Maunalua Bay and mitigate environmental damage to our coastal area; and

WHEREAS, in 2009, the City and County of Honolulu publishes a Draft Environmental Assessment showing Sewer Segment 3, located at Kalauha'iha'i, is being infiltrated by one million gallons daily of groundwater. City video footage and scientific analysis inside the sewer confirms the massive leak is extremely fresh water and a repair is scheduled for Fall 2010; and

WHEREAS, the City recently began its \$9 million sewer rehabilitation work and are currently constructing a new sewer bypass pipe between East Halema'uma'u Street and Paikō Drive. Once the sewer pipe is rehabilitated, without the proper channeling of the one million gallons



daily of groundwater to its traditional path back to Kalauha'iha'i, it may find new and unsafe paths that could undermine private property or even Kalaniana'ole Highway; and

WHEREAS, the Pacific Business News "2005 Book of Lists" ranks Kalaniana'ole Highway as the fourth busiest highway in the State (based on 24 hour traffic count) and an estimated 84,063 cars travel along this highway every day.

NOW, THEREFORE, BE IT RESOLVED that the State of Hawai'i is urged to repair the Lucas Spring and return the traditional water flow to Kalauha'iha'i Fishpond and the Maunalua Bay; and

NOW, THEREFORE, BE IT FURTHER RESOLVED that the State of Hawai'i's Department of Transportation is also urged to make available to the non-profit community Maunalua Fishpond Heritage Center the 'as built' plans, specifications and narratives (including construction management field notes and logs), photographs and memorandums that will help identify what actions caused the water to stop flowing into Kalauha'iha'i during the highway widening in the early 1990s; and

BE IT FINALLY RESOLVED, that copies of this Resolution be transmitted to the Governor of the State of Hawai'i, the Mayor of the City and County of Honolulu, the Director of the State Department of Transportation, the City Department of Environmental Services, the City Department of Design and Construction (DDC) and other proper agencies.

The Kuli'ou'ou/Kalani Iki Neighborhood Board No. 2 passed unanimously this resolution at its Thursday, October 7, 2010 regular monthly meeting.

Submitted by:
Robert T. Chuck, Chair.

3-14-11

Dear Sirs,

I am writing in favor of returning water flow on its traditional path through Kalauha'iha'i Fishpond and Maunalua Bay. This will help reduce the sewer and utility load from the water now leaking into these systems. Since the early 1990's this flow has been disrupted due to the highway widening project. Since construction caused the water to divert into the sewer line, serious damage to the fishpond and Maunalua Bay occurred. With water flow restored invasive algae should be less prevalent and the fishery should be improved greatly.

Also, in the title and line 28, please strike out the word conduct and replace it with the word support.

Thank you for your support and for helping restore Hawaiian waters to a healthier state. Thank you for helping to restore and repair our environment by reversing human caused damages. Thank you for making Hawaii a better place for our children.

Sincerely,

Mardi LaPrade
Livable Hawaii Kai Hui
Natural Resource Preservation Committee

ichiyama3 - Cu Ri

From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, March 15, 2011 7:21 AM
To: TRNtestimony
Cc: tony@pop-hawaii.com
Subject: Testimony for HCR104 on 3/16/2011 11:30:00 AM

Testimony for TRN/WLO 3/16/2011 11:30:00 AM HCR104

Conference room: 309
Testifier position: support
Testifier will be present: Yes
Submitted by: Tony Costa
Organization: Pacific Ocean Producers
Address:
Phone:
E-mail: tony@pop-hawaii.com
Submitted on: 3/15/2011

Comments:

ichiyama3 - Cu Ri

From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, March 15, 2011 7:27 AM
To: TRNtestimony
Cc: tony@pop-hawaii.com
Subject: Testimony for HCR104 on 3/16/2011 11:30:00 AM

Testimony for TRN/WLO 3/16/2011 11:30:00 AM HCR104

Conference room: 309
Testifier position: support
Testifier will be present: Yes
Submitted by: Tony Costa
Organization: Hawaii Nearshore Fishermen
Address:
Phone:
E-mail: tony@pop-hawaii.com
Submitted on: 3/15/2011

Comments:

Re: TESTIMONY IN SUPPORT OF HCR104/HR95
From: Tony Costa
Hawaii Nearshore Fishermen
Honolulu, Hawaii
540-1308 office

Testimony

Hawaii Nearshore Fishermen are in strong support of HCR104/HR95 - WITH SLIGHT LANGUAGE AMENDMENT.

In the 2010, Twenty-fifth Legislative Session, HB1665 - Preventing the sale of Government owned fishponds passed. The passage of this bill effectively took a historic fishpond, the Lucas Spring Fishpond otherwise known as Kalauhaihai, off the auction block but more importantly initiated a process to begin the preservation and rehabilitation of a great and historic Hawaiian Fishpond.

Critical to the successful restoration of fishponds are both the ability and feasibility for NGO groups or Government agencies to access and follow through with their work, and also the careful restoration, reconnection, and revival of the fresh water source that percolates through the subterranean lateral crevices into the ponds and onward into the nearshore environment.

HCR104 would help to initiate further rehabilitation of the water source to the pond and subsequently to the nearshore estuarine environment. While state funding may be short of even studying such repairs and their effects, the state could be in the position to philosophically support and work collaboratively with other agencies or private and or non-profit groups to get this much needed work done.

The Fishermen's position is firm and clear. In light of the importance that fresh water plays with respect to nearshore habitat and healthy recruitment levels for various nearshore species, we support any effort that helps to encourage the health and regeneration of our nearshore environment.

Because of the financial crisis of the State, anything requiring State funding will only stall the process and there are other quicker funding avenues to get a study started and as such please consider this slight language amendment:

In the title and Line 28, Strike out the word conduct and replace it with the word support a study.

Amended Title:

REQUESTING THE (add) SUPPORT of the DEPARTMENT OF TRANSPORTATION, IN CONSULTATION WITH THE BOARD OF LAND AND NATURAL RESOURCES, TO CONDUCT (Delete) FOR A STUDY ON REDUCING THE SEWER AND UTILITY LINE LOAD, BY REPAIRING AN ARTERY TO ALLOW TRADITIONAL WATER FLOW TO KALAUHA'IHA'I FISHPOND AND MAUNALUA BAY.

Thank you very much for allowing me to testify and for your positive consideration in passing HCR104 with this slight change in language.

Tony Costa

Hawaii Nearshore Fishermen

ichiyama3 - Cu Ri

From: mailinglist@capitol.hawaii.gov
Sent: Monday, March 14, 2011 10:54 AM
To: TRNtestimony
Cc: moriokar001@hawaii.rr.com
Subject: Testimony for HCR104 on 3/16/2011 11:30:00 AM

Testimony for TRN/WLO 3/16/2011 11:30:00 AM HCR104

Conference room: 309
Testifier position: support
Testifier will be present: No
Submitted by: Roy N. Morioka
Organization: Individual
Address:
Phone:
E-mail: moriokar001@hawaii.rr.com
Submitted on: 3/14/2011

Comments:

Thank you for addressing this matter critical to the health of Maunalua Bay.

ichiyama3 - Cu Ri

From: mailinglist@capitol.hawaii.gov
Sent: Monday, March 14, 2011 3:49 PM
To: TRNtestimony
Cc: mjellings@hawaii.rr.com
Subject: Testimony for HCR104 on 3/16/2011 11:30:00 AM

Testimony for TRN/WLO 3/16/2011 11:30:00 AM HCR104

Conference room: 309
Testifier position: support
Testifier will be present: No
Submitted by: Carl Pao Jellings Sr
Organization: Individual
Address:
Phone:
E-mail: mjellings@hawaii.rr.com
Submitted on: 3/14/2011

Comments:

Chairman Representative Chang members of WLO Chairman Representative Souki members of TRN

In Strong Support of this action for millions of years fresh water has percolated into Maunaloa Bay. for millions of years aquatic life has evolved and adapted around this natural occurrence fresh water that leaches into the ocean is critical to near shore estuarine habitat. fresh water serves as protection an invisible barrier for juvenile fish that can tolerate less than normal salinity's, fresh water serves as deterrent for alien seaweeds but does just the opposite for native algae causing them to "thrive"; food for native herbivores, fresh water indeed without it a detriment to the sustainability of Hawaii's inner reef's.

Here are some fish and crustaceans that remain in critical need of fresh/brackish water. Awaawa, papio, oama, omaka, oopu, opae, akule, mullet, manini, nehu, aholehole, iao and juvenile kaku, and many other's herbivores that indirectly depend on native sea grasses that only brackish to fresh water can provide .

Mahalo and Thank You
for the opportunity to testify

Carl Pao Jellings Sr

ichiyama3 - Cu Ri

From: mailinglist@capitol.hawaii.gov
Sent: Monday, March 14, 2011 11:20 PM
To: TRNtestimony
Cc: joekennedy79@yahoo.com
Subject: Testimony for HCR104 on 3/16/2011 11:30:00 AM

Testimony for TRN/WLO 3/16/2011 11:30:00 AM HCR104

Conference room: 309
Testifier position: support
Testifier will be present: No
Submitted by: Joseph Kennedy
Organization: Individual
Address:
Phone:
E-mail: joekennedy79@yahoo.com
Submitted on: 3/14/2011

Comments:

REQUESTING THE SUPPORT of the DEPARTMENT OF TRANSPORTATION, IN CONSULTATION WITH THE BOARD OF LAND AND NATURAL RESOURCES, FOR A STUDY ON REDUCING THE SEWER AND UTILITY LINE LOAD, BY REPAIRING AN ARTERY TO ALLOW TRADITIONAL WATER FLOW TO KALAUHA'IHA'I FISHPOND AND MAUNALUA BAY.

I'd would like to submit my testimony in support of HCR104. The fishponds of Hawaii were a vital part of Hawaiian culture and way of life. Today, very few of these remain. Kalauhahai is on the verge of being lost and it would be wonderful to see if there is a possibility to restore the waters that once flowed to the pond before the destruction that was brought about by the widening of the Kalaniana'ole Highway.

ichiyama3 - Cu Ri

From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, March 15, 2011 7:55 AM
To: TRNtestimony
Cc: vanjames@hawaiiantel.net
Subject: Testimony for HCR104 on 3/16/2011 11:30:00 AM

Testimony for TRN/WLO 3/16/2011 11:30:00 AM HCR104

Conference room: 309
Testifier position: support
Testifier will be present: No
Submitted by: Van James
Organization: Individual
Address:
Phone:
E-mail: vanjames@hawaiiantel.net
Submitted on: 3/15/2011

Comments:

KALAUHA'IHA'I FISHPOND is a unique historical site that should be restored to its full operational capacity. I fully support the need for a study to look into the restoration of this important cultural feature in East O'ahu.

ichiyama3 - Cu Ri

From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, March 15, 2011 9:02 AM
To: TRNtestimony
Cc: pinky@lava.net
Subject: Testimony for HCR104 on 3/16/2011 11:30:00 AM

Testimony for TRN/WLO 3/16/2011 11:30:00 AM HCR104

Conference room: 309
Testifier position: support
Testifier will be present: No
Submitted by: Laura Thompson
Organization: Individual
Address:
Phone:
E-mail: pinky@lava.net
Submitted on: 3/15/2011

Comments:
The health of our ocean and its fish depends upon fresh ground water.

Do support this study.

Mahalo

Life long resident of Niu Valley

ichiyama3 - Cu Ri

From: Dave Raney [d_raney@hawaiiantel.net]
Sent: Tuesday, March 15, 2011 1:02 PM
To: TRNtestimony
Subject: Testimony in Support of HCR 104 ; House TRN and WLO Committees Mar 16 11:30 AM Room 309

Testimony submitted by Dave Raney in support of HCR 104

To the House Committee on Transportation and the House Committee on Water, Land, & Ocean Resources for the hearing scheduled for Wednesday, March 16 2011, 11:30 AM in Conference Room 309

Aloha Chairs Souki and Chang, and Distinguished Committee Members:

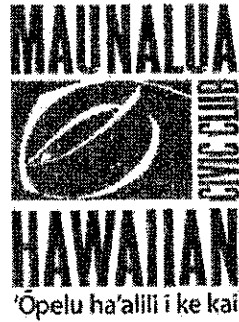
My name is Dave Raney. I am a resident of Kaimuki and in recent years have participated as a volunteer in various efforts aimed at restoring the natural and historic resources of Maunalua Bay.

I strongly support passage of HCR 104, with the amendments recommended by the Maunalua Fishpond Heritage Center, as an important step towards the long term goals of restoring Kalauha'iha'i Fishpond and the health of Maunalua Bay.

Thank you for the opportunity to comment on this resolution.

Sincerely,

Dave Raney
1621 Mikahala Way
Honolulu, HI 09816-3321



LATE TESTIMONY

February 11, 2011

Testimony in support of HCR 104, requesting the Department of Transportation, in consultation with the Board of Land and Natural Resources, to conduct a study on reducing the sewer and utility line load by repairing an artery to allow traditional water flow to Kalauha'iha'i fishpond and Maunalua Bay

Submitted to: The Committees on Transportation and Water, Land and Housing

From: Kitty M. Simonds, President Maunalua Hawaiian Civic Club

Aloha Representative Souki, Representative Chang and members of the Committees,

The Maunalua Hawaiian Civic Club supports the restoration and protection of natural and cultural resources. We support this HCR104.

HCR 104 is asking for a study on the loss of freshwater flow into Maunalua Bay. Results of the study may be used to stem the loss and mitigate damage to the utility service and the sewage system. What we know is that up to nine million gallons of freshwater a day is not finding its way to Maunalua Bay. The flow was lost after Kalani'ana'ole Highway improvements conducted three decades ago. This has caused ecological and environmental damage to Maunalua Bay. Returning the flow of Kalauha'iha'i to Maunalua Bay may alleviate some environmental losses and restore health to the Bay. Other ecosystem damage might not be restorable. The health of the environment is manifested in the health of the community.

Anecdotal, observed improvements of the Kaneohe Bay ecosystem by the partial return of the freshwater flow into Waiahole stream indicates that simple measures can greatly affect the health of an ecosystem. After the return of water to Waiahole stream no scientific studies were planned or conducted to monitor changes to the ecosystem but the community noted improvements in the marine environment. We urge that monitoring of changes to the ecosystem after restoration of the flow be a part of this resolution.

Maunalua Hawaiian Civic Club
P.O. Box 240388, Aina Haina Station
Honolulu, Hawai'i 96824

LATE TESTIMONY

In support of HCR 104/ HR 95 with amendments

3-16-2011

Aloha Chairs Souki and Chang and Committee Members,

HCR 104 requests a study on returning the water to its traditional path through Kalauha'ihai Fishpond and Maunalua Bay. With slightly less than one million gallons a day going into the sewer since the Kalaniana'ole Hwy. widening, it remains an urgent issue that has only slightly lessened since the recent repair work. A study on how to reduce the costly sewer and utility load is greatly needed. The uncontrolled water can also pose a safety threat if it undermines Kalaniana'ole Highway.

The nearshore ecosystem of Maunalua Bay was significantly damaged when the fresh water flow was cut off during the highway widening work of the early 1990's. Restoration of the fresh water flow should literally turn back the clock in terms of restoration of the fishery and the Bay. The State's cooperation and support for a study on returning the water is needed to fix this situation. Taxpayers can no longer afford to "let it be" and the ecosystem of the area has suffered a knockout blow since the water was diverted.

Recommended Amendments to HCR 104

In the title and Line 28, Strike out the word conduct and replace it with the word support a study. Because of the financial crisis of the State, anything requiring State funding will only stall the process and there are other quicker funding avenues to get a study started.

Amended Title:

REQUESTING THE (add) **SUPPORT** of the DEPARTMENT OF TRANSPORTATION, IN CONSULTATION WITH THE BOARD OF LAND AND NATURAL RESOURCES, TO CONDUCT () FOR A STUDY ON REDUCING THE SEWER AND UTILITY LINE LOAD, BY REPAIRING AN ARTERY TO ALLOW TRADITIONAL WATER FLOW TO KALAUHA'IIHA'I FISHPOND AND MAUNALUA BAY.

Mahalo,

Chris Cramer

Chris Cramer
President

Maunalua Fishpond Heritage Center 501(c)(3)
P.O. Box 240204
Honolulu, HI
96824-0204

Recommended Amendments to HCR 104/HR 95

In the title and Line 28, Strike out the word conduct and replace it with the word support a study. Because of the financial crisis of the State, anything requiring State funding will only stall the process and there are other quicker funding avenues to get a study started.

Amended Title:

REQUESTING THE (add) SUPPORT of the DEPARTMENT OF
TRANSPORTATION, IN CONSULTATION
WITH THE BOARD OF LAND AND NATURAL RESOURCES, TO CONDUCT
(██████) FOR A STUDY ON REDUCING THE SEWER AND UTILITY LINE
LOAD, BY REPAIRING AN ARTERY TO ALLOW TRADITIONAL WATER FLOW
TO KALAUHA' IHA'I FISHPOND AND MAUNALUA BAY.

From: mailinglist@capitol.hawaii.gov
Sent: Wednesday, March 16, 2011 2:14 AM
To: TRNtestimony
Cc: bfunai@hawaii.rr.com
Subject: Testimony for HCR104 on 3/16/2011 11:30:00 AM

Testimony for TRN/WLO 3/16/2011 11:30:00 AM HCR104

Conference room: 309
Testifier position: support
Testifier will be present: No
Submitted by: Brian F. Funai
Organization: Individual
Address:
Phone:
E-mail: bfunai@hawaii.rr.com
Submitted on: 3/16/2011

Comments:
Recommended Amendments to HCR 104

I am in support of this resolution and would like to suggest that the word "conduct" be struck and replaced with the words "support of the". Given the State's current financial crisis, these changes will help find quicker funding avenues to get a study started.

Amended Title would read:

REQUESTING THE SUPPORT OF THE DEPARTMENT OF TRANSPORTATION, IN CONSULTATION WITH THE BOARD OF LAND AND NATURAL RESOURCES, FOR A STUDY ON REDUCING THE SEWER AND UTILITY LINE LOAD, BY REPAIRING AN ARTERY TO ALLOW TRADITIONAL WATER FLOW TO KALAUHA'IHA'I FISHPOND AND MAUNALUA BAY.

thank you for your time and allowing my testimony.

Brian F. Funai
Kaneohe, Hawaii