

HCR-78

Submitted on: 4/11/2023 9:24:22 PM

Testimony for PSM on 4/14/2023 1:05:00 PM

Submitted By	Organization	Testifier Position	Testify
Bob Grossmann, PhD	Individual	Support	Written Testimony Only

Comments:

The maintenance of the Manoa stream and other smaller streams that feed into the Manoa stream need to be maintained not only for flooding, but to prevent damage to bridges and culverts (when debris builds up) and to the valley's sewer system.

Standing or flood waters can enter into the antiquated sewer system. UH civil engineers found that during modest rains the Manoa sewer system volume increases five fold due to leakage. The two main Manoa valley sewage lines pass under UH property.

Furthermore, the 2004 major flood breached (likely from boulders) a main sewer line in the stream bed that crosses underneath between Woodlawn Drive and Akaka Place. This resulted in a significant raw sewage spill that was never disclosed to the public. Many of those cleaning up were sickened. This was a serious public health issue caused by only a 20-year rain event (the Army Corps' 2008 report looked at flood mitigation planning for up to 100-year rains). Lives were nearly lost that day. Emergency responders were overloaded with the suddenness and scale of the flooding.

Home owners with stream beds would benefit also with assistance to help clear rogue trees and other vegetation, since the flood water will back up at any blockage point.

The state should work with the city on the planning of these important civil engineering needs. Some of the areas in Manoa are unclear as to jurisdictional responsibility between the state and county.

Action needs to be taken even before the approaching hurricane system.

Not only are hurricanes more likely to be category 3-5 storms, but with shifts in wind patterns, these storms are more likely to stall resulting in massive rain events.

HCR-78

Submitted on: 4/13/2023 9:40:21 PM

Testimony for PSM on 4/14/2023 1:05:00 PM

Submitted By	Organization	Testifier Position	Testify
Dave Watase	Individual	Support	Written Testimony Only

Comments:

Aloha Chair Ichiyama and Water & Land Committee Members,

Please support HCR78 which urges the Department of Facility Maintenance to assess and to develop a plan to maintain Manoa Stream.

Subsequent to the 2004 flood that caused \$80 million of flood damage to the University of Hawaii, the US Army Corps of Engineers prepared a report dated November 18, 2006 titled *"Hydrology & Hydraulic Study Flood of October 30, 2004, Manoa Stream, Honolulu, Hawaii"* in which the cause of the overtopping of the Woodlawn Bridge was studied. It was determined that the sediment build up under the Woodlawn Bridge blocked 50% of the original construction design flow and half of the remaining capacity was further blocked by debris. The end result was the the Woodlawn Bridge was functioning at only about 25% of its original design capacity. The report emphasizes the importance of stream maintenance and had an assessment been made on the Manoa Stream the 5 feet of sediment blockage at the Woodlawn Bridge would have been discovered and had the Manoa Stream been regularly cleaned of debris the University of Hawaii and the Manoa residents living below Noelani Elementary School would not have experience any flood damage.

I urge you to support HCR78.

Mahalo, Dave Watase c. 808.728.0759

HCR-78

Submitted on: 4/14/2023 9:36:33 AM

Testimony for PSM on 4/14/2023 1:05:00 PM

Submitted By	Organization	Testifier Position	Testify
Ellen Watson	Individual	Support	Written Testimony Only

Comments:

My name is Ellen Watson a long time resident of Manoa Valley. I Support HCR-78 developing a plan for Manoa Stream Manintanance by the City and County of Honolulu (C/C). It has been many years since the major flooding event in Manoa in 2004, and the C/C is responsible for regular Manoa Stream maintanance. The C/C fails to properly and in a timely manner, maintain the stream. It is my understanding that C/C fails to perform because they have a lack of funding, lack of know-how, lack of workers, and a variety of excuses/reasons for why they (C&C) cannot possibly do their job.

We the folks of Manoa are frustrated that C/C, facilities maintanance, park and recreation, mayor office, and others keep stating reasons, making excuses for why they cannot possibly do their job. It appears that the C/C expects the Legislature or City Council to just throw money at the issue, as if money will solve the problem.

It further appears that C/C wants USACE flood mitigation plan to solve the flooding problem for them by building giant flood deterntiion basins,(in stream and/or at Manoa District Park), flood walls, etc. hoping the USACE is smarter and is able to impose their will on the Manoa Community, thus releaving the C/C of performing their basic responsibility, to maintain Manoa Stream, which we taxpayers already pay for.

Someone has to be the adult in the room. Today that is you State Legislators. Please pass this resolution as a new starting point for the C/C to develop a stream maintanance plan that will hopefully help them define and implement their duty.

Respectfully,

Ellen Watson

Manoa Resident

The Senate Committee on Public Safety and Intergovernmental and Military Affairs
Senator Glenn Wakai, Chair, Senator Brandon Elefante, Vice Chair

Senate Committee on Water and Land
Senator Lorraine Inouye, Chair, Senator Brandon Elefante, Vice Chair

Dear Senators Wakai, Inouye, and Elefante and members of the Senate Committee on Public Safety and Intergovernmental Affairs and the Senate Committee on Water and Land:

I write in support of HCR78.

When I was a child, I used to play in Mānoa Stream at Pawaina St. Now you can't even see the Stream from the Pawaina St. bridge because it is overgrown with trees. During a heavy rain, these trees will clog the Stream and make it easier for it to overflow its banks and flood neighboring homes. The poor homeowners have to worry every time a lot of rain falls. In the back of the Valley we get rainfall of 8 or 9 inches spread out over two days about once every two years.

Conclusion: the City must do a better job of maintaining the Stream. These resolutions urge the City to make the maintenance of Manoa Stream a priority.

Thank you for considering my testimony.

Elton Fukumoto
Mānoa resident