

## Testimony for HR82

Thank you for listening to my testimony. My name is Glenn Otaguro and I live at 3158-B East Manoa Road. My home is along Manoa Stream just above the bridge along Kahaloa Drive. In 2004, my home and my neighbor's homes were flooded with at least 2 feet of muddy stream water causing tens of thousands of dollars in damage.

There's a great need to maintain certain areas of Manoa Stream. In particular:

- 1) At Woodlawn Bridge, dredging needs to be done before, under and just after the bridge. Flooding has occurred so often in years past that monitoring of this bridge is a requirement during all Flash Flood notices. The stream flows slowly here, so slow that silt, rocks and other debris tends to deposit here on a regular basis. Right now, flow of the stream is restricted to a narrow length on the mauka side only. Chances are flooding is more likely when the stream bed is full of debris. Until the stream flow is sped up somehow, dredging will be an annual requirement.
- 2) At Kahaloa Bridge, either deeper dredging is needed before the bridge just past the point where Woodlawn Ditch feeds into Manoa Stream and down till just the end of the Manoa Valley District Park or a widening the stream project needs to happen to allow the stream to flow more safely to prevent future flash flooding instances. This is another area where the stream is flowing slowly, depositing silt, rocks, and other debris, raising the height of the stream bed as well. During flash flooding events, soil erosion is prevalent on both sides of the stream bed in the area due to the height of the flow since the stream is so narrow and the bed not very deep.
- 3) At Woodlawn Ditch, growing run off from street drains during heavy rains have been causing the storm water drainage ditch to behave more like a raging stream than a drainage system. Flooding has been prevalent since 2004 since the Ala Wai Flood Control Project has FAILED to implement a permanent solution. A detention basin needs to be implemented to reduce the flow of drainage from an ever growing run from homes and streets in the area.

As of this date, no mitigation projects have been done to protect Manoa Stream from future flooding. We can only count on annual maintenance of Manoa Stream until a more permanent solution can be implemented. I have 6-8 sandbags that keep on hand due to the lack of mitigation or maintenance efforts of Manoa Stream. I plan to get another dozen and other tools to prevent future flooding which is very likely to occur soon.

**HR-82**

Submitted on: 3/27/2023 9:17:09 AM

Testimony for WAL on 3/28/2023 9:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Seth Kamemoto	Individual	Support	Written Testimony Only

Comments:

We need to be prepared to handle the next extreme rain event in Manoa, as stormwater generated here, if not managed properly, can and will cause flooding throughout the Ala Wai watershed.

**HR-82**

Submitted on: 3/27/2023 1:27:17 PM

Testimony for WAL on 3/28/2023 9:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Gail Baron	Individual	Support	Written Testimony Only

Comments:

Please vote to adopt HR82 in support of numerous residents, property owners schools and parklands along Manoa Stream, including the University of Hawaii which suffered severe losses during the storm of 2005-2005 due to flooding of the stream. Vegetation, particularly downed trees, along the streambed jams at bridges, turns and narrow areas of the stream causing water backup and flooding of numerous properties upstream. Climatic conditions are resulting in heavier and sudden downpours as we experienced in that storm. We can expect more in the future. Loss of life is preventable if the streambeds are kept clear for water flow.

Thank you for your consideration and approval of this Bill.

Gail Baron

Resident voter