

DAVID Y. IGE  
GOVERNOR OF HAWAII



**STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES**

POST OFFICE BOX 621  
HONOLULU, HAWAII 96809

**Testimony of  
SUZANNE D. CASE  
Chairperson**

**Before the House Committee on  
WATER, LAND, & HAWAIIAN AFFAIRS**

**Wednesday, March 13, 2019  
9:30 AM  
State Capitol, Conference Room 325**

**In consideration of  
SENATE BILL 1526, SENATE DRAFT 1  
RELATING TO CONSERVATION ENFORCEMENT**

Senate Bill 1526, Senate Draft 1 proposes to appropriate funds for one DOCARE DLNRTip app administrator position and software upgrades and app enhancements to improve the DLNRTip application. **The Department of Land and Natural Resources (Department) supports this measure, provided that its passage does not replace or adversely impact the priorities identified in the Executive Budget request.**

This request would make an appropriation of funds to upgrade the DOCARE DLNRTip app and establish an app administrator position resulting in enhanced collection and distribution of information for in progress and changing incidents requiring a law enforcement response. The Department believes this will benefit by creating positive interaction with the public and increase opportunities for information gathering.

Thank you for the opportunity to comment on this measure.

**SUZANNE D. CASE**  
CHAIRPERSON  
BOARD OF LAND AND NATURAL RESOURCES  
COMMISSION ON WATER RESOURCE MANAGEMENT

**ROBERT K. MASUDA**  
FIRST DEPUTY

**M. KALEO MANUEL**  
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES  
BOATING AND OCEAN RECREATION  
BUREAU OF CONVEYANCES  
COMMISSION ON WATER RESOURCE MANAGEMENT  
CONSERVATION AND COASTAL LANDS  
CONSERVATION AND RESOURCES ENFORCEMENT  
ENGINEERING  
FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION  
KAHOOLAWE ISLAND RESERVE COMMISSION  
LAND  
STATE PARKS

**SB-1526-SD-1**

Submitted on: 3/12/2019 9:12:51 AM

Testimony for WLH on 3/13/2019 9:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Melodie Aduja	O`ahu County Committee on Legislative Priorities of the Democratic Party of Hawai`i	Support	No

Comments:

**SB-1526-SD-1**

Submitted on: 3/8/2019 4:12:27 PM

Testimony for WLH on 3/13/2019 9:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Benton Kealii Pang, Ph.D.	Individual	Support	No

Comments:

**SB-1526-SD-1**

Submitted on: 3/10/2019 6:29:17 PM

Testimony for WLH on 3/13/2019 9:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Robert N	Mid-Pacific Institute	Support	No

Comments:

**SB-1526-SD-1**

Submitted on: 3/10/2019 6:48:51 PM

Testimony for WLH on 3/13/2019 9:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Zen	Individual	Support	No

Comments:

Rep. Ryan I. Yamane, Chair

Rep. Chris Todd, Vice Chair

Committee on Water, Land, and Hawaiian Affairs

Hearing Date: Marcy 13, 2019, 9:30 a.m.

Zen Hiraga

Support for S.B. No. 1526, Relating to DLNR Tip App

Our 10th grade STEM and Humanities classes at Mid Pacific Institute have been learning about ecology and civics through our work with Heeia Fishpond. We strongly support S.B. No. 1526 relating to the DLNR Tip App, which would appropriate additional funds for the improvement and maintenance of the App, including enhanced data management; this would allow for increased efficiency of violations enforcement.

<<State or list the reasons for your position, starting with the most important or compelling reasons. Include any facts, figures, statements, and experiences to support your position. >>

Illegal activity in regards to the environment is barely ever noticed, despite climate change being a major concern in the world right now, and that is exactly what this DLNR app may help to bring to the light. Overfishing and many other population issues within the ocean should be a major concern to the public with the ocean's major role in the environment. Many conditions that the DLNR app could help to alleviate are what are

hindering the ocean's place in the environment. Additionally the tipping received from possible arrest will serve as a mild incentive for people, though they may have not thought of it, to help the environment. Without the funding the app could receive in its bill's hopeful passing it would not be possible to accomplish the sustainability the world requires, unless another solution is proposed, though in regards to that, this is the most inclusive to the community and accessible solution.

In expanding the capabilities of the DLNR tip app, we are creating opportunities for the stewardship of our natural environment, which is vital to the people of Hawaii culturally, socially, and economically. We urge the committee to pass S.B. No. 1526. Thank you for this opportunity to testify.

**SB-1526-SD-1**

Submitted on: 3/10/2019 11:54:02 PM

Testimony for WLH on 3/13/2019 9:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
gyuyun kim	Mid-Pacific Institute	Support	No

Comments:

Rep. Ryan I. Yamane, Chair

Rep. Chris Todd, Vice Chair

Committee on Water, Land, and Hawaiian Affairs

Hearing Date: Marcy 13, 2019, 9:30 a.m.

<<Gyuyun Kim>>

Support for S.B. No. 1526, Relating to DLNR Tip App

Our 10th grade STEM and Humanities classes at Mid Pacific Institute have been learning about ecology and civics through our work with Heeia Fishpond. We strongly support S.B. No. 1526 relating to the DLNR Tip App, which would appropriate additional funds for the improvement and maintenance of the App, including enhanced data management; this would allow for increased efficiency of violations enforcement.

By improving the app, more people can get involved in taking care of our environment, especially our ecosystem of our fishponds, or anywhere on this island. More and more people are violating laws and they use nets longer than the regulated length you can use. By doing so, they're damaging our ecosystem and cause dysfunction in the fishponds. If we improved the app, people can easily report any illegal activities violating the regulations through the app. In my personal experience, I have seen a lot of people catching fishes they are not suppose to catch especially the state fish. However, I didn't know how to report it and I ended up just looking over on it. But with the app I can easily take pictures and report it with convenience the next time I see something like that, and more enforcement can take place. More and more people will report to the DLNR app if we had a little incentive to it for any tips that were helpful.

In expanding the capabilities of the DLNR tip app, we are creating opportunities for the stewardship of our natural environment, which is vital to the people of Hawaii culturally, socially, and economically. We urge the committee to pass S.B. No. 1526. Thank you for this opportunity to testify.



**SB-1526-SD-1**

Submitted on: 3/11/2019 7:42:30 AM

Testimony for WLH on 3/13/2019 9:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Dillon Yim	Individual	Support	No

Comments:

Rep. Ryan I. Yamane, Chair Rep. Chris Todd, Vice Chair Committee on Water, Land, and Hawaiian Affairs Hearing Date: Marcy 13, 2019, 9:30 a.m.

Dillon Yim

Support for S.B. No. 1526, Relating to DLNR Tip App Our 10th grade STEM and Humanities classes at Mid Pacific Institute have been learning about ecology and civics through our work with Heeia Fishpond. We strongly support S.B. No. 1526 relating to the DLNR Tip App, which would appropriate additional funds for the improvement and maintenance of the App, including enhanced data management; this would allow for increased efficiency of violations enforcement.

The community of Hawaii would be able to feel more secure and safe knowing that they can text DLNR management and have them send out an officer to deal with any cases. Many people will also help the community by reporting unwanted dangerous people and letting DLNR know when something bad happens. Improving this app will allow the environment to thrive and the community will feel more safe knowing that they can rely on DLNR to take care of environmental problems.

In expanding the capabilities of the DLNR tip app, we are creating opportunities for the stewardship of our natural environment, which is vital to the people of Hawaii culturally, socially, and economically. We urge the committee to pass S.B. No. 1526. Thank you for this opportunity to testify

Senator Kaiali'i Kahele, Chair  
Senator Gilbert S.C. Keith Agaran, Vice Chair  
Committee on Water and Land

Brooke Johnson

Friday, March 8, 2019

Support for S.B. No. 1526, Relating to DLNR Tip App

Our 10th grade STEM and Humanities classes at Mid Pacific Institute have been learning about ecology and civics through our work with Heeia Fishpond. We strongly support S.B. No. 1526 relating to the DLNR Tip App, which would appropriate additional funds for the improvement and maintenance of the app, including enhanced data management; this would allow for increased efficiency of violations enforcement.

Protecting public lands and coastal areas is no easy task. For a long time, the Department of Land and Nature Resources has held all of the responsibility for maintaining water resources, oceans, aquatic life, and boating areas. Despite their best efforts, there are a handful of things to be desired. It is time that the community relieve this department of some of the pressure. The DLNR Tip App is the perfect opportunity to do exactly this. More often than not, people witness acts like illegal fishing and the breaking of wildlife protection laws and pass it off as not their responsibility. It is easier to pretend you did not see anything than to seek out an inconvenient way of reporting it. This app provides an easy way for people to be accountable for the environment, the environment that needs and deserves to be protected.

In expanding the capabilities of the DLNR Tip App, we are creating opportunities for the stewardship of our natural environment, which is vital to the people of Hawaii culturally, socially, and economically. We urge the committee to pass S.B. No. 1526. Thank you for this opportunity to testify.

**SB-1526-SD-1**

Submitted on: 3/11/2019 9:08:07 AM

Testimony for WLH on 3/13/2019 9:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Brooks Hitomi	Individual	Support	No

Comments:

Rep. Ryan I. Yamane, Chair

Rep. Chris Todd, Vice Chair

Committee on Water, Land, and Hawaiian Affairs

Hearing Date: March 13, 2019, 9:30 a.m

Brooks Hitomi

Support for S.B. No. 1526, Relating to DLNR Tip App

Our 10th grade STEM and Humanities classes at Mid Pacific Institute have been learning about ecology and civics through our work with He'eia Fishpond. We strongly support S.B. No. 1526 relating to the DLNR Tip App, which would appropriate additional funds for the improvement and maintenance of the App, including enhanced data management; this would allow for increased efficiency of violations enforcement.

In regards to the current DNLR Tip App, there is a lot of room for improvement. This app has the potential to be a vital resource the DNLR uses to help protect Oahu's environment and culture. The Tip app currently lacks geo-positioning, data collection/analysis, regulation/law enforcement, a permit purchasing function, and much more. Once this bill gets passed, the DNLR will have funds that will severely help the function and utilization of the app.

In expanding the capabilities of the DLNR tip app, we are creating opportunities for the stewardship of our natural environment, which is vital to the people of Hawaii culturally, socially, and economically. We urge the committee to pass S.B. No. 1526. Thank you for this opportunity to testify.

**SB-1526-SD-1**

Submitted on: 3/11/2019 9:13:34 AM

Testimony for WLH on 3/13/2019 9:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
kyle takayama	Individual	Support	Yes

Comments:

Rep. Ryan I. Yamane, Chair

Rep. Chris Todd, Vice Chair

Committee on Water, Land, and Hawaiian Affairs Hearing Date: March 13, 2019, 9:30 a.m.

Kyle Takayama

Support for S.B. No. 1526, Relating to DLNR Tip App

Our 10th grade STEM and Humanities classes at Mid Pacific Institute have been learning about ecology and civics through our work with Heeia Fishpond. We strongly support S.B. No. 1526 relating to the DLNR Tip App, which would appropriate additional funds for the improvement and maintenance of the App, including enhanced data management; this would allow for increased efficiency of violations enforcement.

I believe the installment of this will greatly help the environment around Hawaii's fishponds and will hopefully create a positive influence for fishponds around the world. Many people are illegally fishing in our ponds and we need a way to keep the environment healthy.

In expanding the capabilities of the DLNR tip app, we are creating opportunities for the stewardship of our natural environment, which is vital to the people of Hawaii culturally,

socially, and economically. We urge the committee to pass S.B. No. 1526. Thank you for this opportunity to testify.

**SB-1526-SD-1**

Submitted on: 3/11/2019 9:16:52 AM

Testimony for WLH on 3/13/2019 9:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Charlie Mount	Individual	Support	No

Comments:

Rep. Ryan I. Yamane, Chair

Rep. Chris Todd, Vice Chair

Committee on Water, Land, and Hawaiian Affairs

Hearing Date: March 13, 2019, 9:30 a.m.

Charles Mount

Support for S.B. No. 1526, Relating to DLNR Tip App

Our 10th grade STEM and Humanities classes at Mid Pacific Institute have been learning about ecology and civics through our work with Heeia Fishpond. We strongly support S.B. No. 1526 relating to the DLNR Tip App, which would appropriate additional funds for the improvement and maintenance of the App, including enhanced data management; this would allow for increased efficiency of violations enforcement.

As of today, many people litter or do other, little harmful things to the environment. These could be abandoned nets, plastic, trash and more. While all of these actions do not have too much of an effect on the environment by themselves, too many people are doing such actions. This results in a much more polluted planet with an entire island of macro-plastics. The DLNR tip app would raise the amount of people willing to tell on others. Its anonymity allows people to be less likely to fear retaliation from angry neighbors. This would also lessen the amount of people willing to do those actions. They would have to fear more than just the government, as every person could tell on them. This would create a network of anonymous people working together to make the world a better place.

In expanding the capabilities of the DLNR tip app, we are creating opportunities for the stewardship of our natural environment, which is vital to the people of Hawaii culturally, socially, and economically. We urge the committee to pass S.B. No. 1526. Thank you for this opportunity to testify.



**SB-1526-SD-1**

Submitted on: 3/11/2019 9:24:36 AM

Testimony for WLH on 3/13/2019 9:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Reyn Shirakata	Individual	Support	No

Comments:

Senator Ryan I. Yamane, Chair  
Senator Chris Todd, Vice Chair  
Committee on water, land, and Hawaiian affairs  
Hearing Date: March 13, 2019, 9:30 a.m.

<<Reyn Shirakata>>

Monday, March 11, 2019

Support for S.B. No. 1526, Relating to DLNR Tip App

Our 10th grade STEM and Humanities classes at Mid Pacific Institute have been learning about ecology and civics through our work with Heeia Fishpond. We strongly support S.B. No. 1526 relating to the DLNR Tip App, which would appropriate additional funds for the improvement and maintenance of the App, including enhanced data management; this would allow for increased efficiency of violations enforcement.

By creating this app, the Dlnr will be able to crack down on more illegal fishing and catching of sea creatures harvested in protected areas, This also can help the sea animals to be protected by a size and bag limit. Right now currently, there are rules saying that your not allowed to fish in certain areas and take certain fish depending on what season it is and how big the fish is. When taking smaller fish and not letting them develop fully and reproduce this is taking away from the eco system, by giving the fish time to repopulate will help the ecosystem thrive for further generations.

In expanding the capabilities of the DLNR tip app, we are creating opportunities for the stewardship of our natural environment, which is vital to the people of Hawaii culturally, socially, and economically. We urge the committee to pass S.B. No. 1526. Thank you for this opportunity to testify.

**SB-1526-SD-1**

Submitted on: 3/11/2019 9:40:50 AM

Testimony for WLH on 3/13/2019 9:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Kanoa Hirshcmann	Mid Pacific	Support	Yes

Comments:

Rep. Ryan I. Yamane, Chair

Rep. Chris Todd, Vice Chair

Committee on Water, Land, and Hawaiian Affairs Hearing Date: Marcy 13, 2019, 9:30 a.m.

Kanoa Hirschmann.

Friday, February 1, 2019

Support for S.B. No. 1526, Relating to DLNR Tip App

Our 10th grade STEM and Humanities classes at Mid Pacific Institute have been learning about ecology and civics through our work with Heeia Fishpond. We strongly support S.B. No. 1526 relating to the DLNR Tip App, which would appropriate additional funds for the improvement and maintenance of the App, including enhanced data management; this would allow for increased efficiency of violations enforcement.

This position will finally help the terrible DLNR tip app become what it was intended to be. I'm really glad that the people who lay bed net and do bad things to fish will be punished. These evil fishermen will now have to fear the DLNR tip app and the civilians who wield its immense power. I will personally be going to places where people fish and report them for any and all violations. I will be the protector of aquatic wildlife, defender of the sea!

In expanding the capabilities of the DLNR tip app, we are creating opportunities for the stewardship of our natural environment, which is vital to the people of Hawaii culturally, socially, and economically. We urge the committee to pass S.B. No. 1526. Thank you for this opportunity to testify.

**SB-1526-SD-1**

Submitted on: 3/11/2019 9:41:02 AM

Testimony for WLH on 3/13/2019 9:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Nui	Individual	Support	No

Comments:

Rep. Ryan I. Yamame, Chair

Rep. Chris Todd, Vice Chair

Committee on Water, Land, and Hawaiian Affairs

Hearing Date: March 13, 2019, 9:30 a.m.

Nui

Monday, March 11, 2019

Support for S.B. No. 1526, Relating to DLNR Tip App

Our 10th grade STEM and Humanities classes at Mid Pacific Institute have been learning about ecology and civics through our work with Heeia Fishpond. We strongly support S.B. No. 1526 relating to the DLNR Tip App, which would appropriate additional funds for the improvement and maintenance of the App, including enhanced data management; this would allow for increased efficiency of violations enforcement.

The reason why I think our app is great and successful is because over the news we witness crimes that can be stopped, but don't actually say something about it. Now with this app you can help crime stoppers by using this app to report crimes or things happening around you. Our class has found out about how unsuccessful the DLNR was before our app and now the success rates on the improved app will go up. I hope our communities will make use of this app especially because of how useful it is.

In expanding the capabilities of the DLNR tip app, we are creating opportunities for the stewardship of our natural environment, which is vital to the people of Hawaii culturally, socially, and economically. We urge the committee to pass S.B. No. 1526. Thank you for this opportunity to testify.

**SB-1526-SD-1**

Submitted on: 3/11/2019 9:43:25 AM

Testimony for WLH on 3/13/2019 9:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Jackson Morrice	Individual	Support	No

Comments:

Rep. Ryan I. Yamane, Chair

Rep. Chris Todd, Vice Chair

Committee on Water, Land, and Hawaiian Affairs Hearing Date: March 13, 2019, 9:30 a.m.

Jackson Morrice

Support for S.B. No. 1526, Relating to DLNR Tip App

Our 10th grade STEM and Humanities classes at Mid Pacific Institute have been learning about ecology and civics through our work with Heeia Fishpond. We strongly support S.B. No. 1526 relating to the DLNR Tip App, which would appropriate additional funds for the improvement and maintenance of the App, including enhanced data management; this would allow for increased efficiency of violations enforcement.

In the state of Hawaii, we have a huge problem with protecting our special ocean environment. Our reefs are damaged, fish are overfished and our endangered sea creatures inch closer to extinction each day. The DLNR app has already made 138 arrest on land. With these new additions to the DLNR app, we can start converting these DLNR arrest to the ocean, finally making a stand for the creatures that make Hawaii unique and the place to be on your vacation.

In expanding the capabilities of the DLNR tip app, we are creating opportunities for the stewardship of our natural environment, which is vital to the people of Hawaii culturally, socially, and economically. We urge the committee to pass S.B. No. 1526. Thank you for this opportunity to testify.

Rep. Ryan I. Yamane, Chair  
Rep. Chris Todd, Vice Chair  
Committee on Water, Land, and Hawaiian Affairs  
Hearing Date: March 13, 2019, 9:30 a.m.

<<Jack Fukui>>

Support for S.B. No. 1526, Relating to DLNR Tip App

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<<The island of Oahu is in danger of illegal netting. But the DNLR tip app can be a step forward into changing this. By allowing citizens to report any illegal activity in the water and also having an incentive of doing so, it can reduce the amount of illegal activity and help prevent further damage to our ecosystem.>>

In expanding the capabilities of the DLNR tip app, we are creating opportunities for the stewardship of our natural environment, which is vital to the people of Hawaii culturally, socially, and economically. We urge the committee to pass S.B. No. 1526. Thank you for this opportunity to testify.





**SB-1526-SD-1**

Submitted on: 3/11/2019 10:37:09 AM

Testimony for WLH on 3/13/2019 9:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
keawe	Individual	Support	No

Comments:

Rep. Ryan I. Yamane,

Chair Rep. Chris Todd,

Vice Chair Committee on Water, Land, and Hawaiian Affairs

Hearing Date: March 11, 2019, 9:30 a.m.

Keawe Pedersen

Support for S.B. No. 1526, Relating to DLNR Tip App Our 10th grade STEM and Humanities classes at Mid Pacific Institute have been learning about ecology and civics through our work with Heeia Fishpond. We strongly support S.B. No. 1526 relating to the DLNR Tip App, which would appropriate additional funds for the improvement and maintenance of the App, including enhanced data management; this would allow for increased efficiency of violations enforcement.

The DLNR has a good system, however there are some things that this app would help them out. The DLNR has hours of open and closed, so when it's closed there is not many ways for the people to contact and talk about problems going on. The example of fishing shows a good point because it is a problem when people use to big nets and when people lay them out at dawn which is after 4. The app would help because we could now in force something like that. The app doesn't only have to work after DLNR ours, it can be whenever but the after hours are probably more useful.

In expanding the capabilities of the DLNR tip app, we are creating opportunities for the stewardship of our natural environment, which is vital to the people of Hawaii culturally, socially, and economically. We urge the committee to pass S.B. No. 1526. Thank you for this opportunity to testify.

**SB-1526-SD-1**

Submitted on: 3/12/2019 7:15:36 AM

Testimony for WLH on 3/13/2019 9:30:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Hunter Nottage	Individual	Support	No

Comments:

Rep. Ryan I. Yamane, Chair

Rep. Chris Todd, Vice Chair

Committee on Water, Land, and Hawaiian Affairs

Hearing Date: March 13, 2019, 9:30 a.m.

Hunter Nottage

Support for S.B. No. 1526, Relating to DLNR Tip App

Our 10th grade STEM and Humanities classes at Mid Pacific Institute have been learning about ecology and civics through our work with Heeia Fishpond. We strongly support S.B. No. 1526 relating to the DLNR Tip App, which would appropriate additional funds for the improvement and maintenance of the App, including enhanced data management; this would allow for increased efficiency of violations enforcement.

I live in Kaneohe Bay and I know first hand how easy it is for people to get away with crimes relating to wildlife conservation. People are constantly catching animals that aren't in season or that don't meet the size requirement; these laws are implemented for a reason, the people that break these laws are hurting our ocean's ecosystem. Updating how the DLNR tip app works will help to reduce people breaking these conservation laws by encourage bystanders to report any of the crimes. Offering a small incentive to anyone who gives useful information that leads to an arrest or fine, will make people eager to help stop these criminals in-order to get their incentive. In general, I believe that this app will help Kaneohe Bay and all of Hawaii's ecosystems to become stronger, as well as lower crime rates on the island's waters.

In expanding the capabilities of the DLNR tip app, we are creating opportunities for the stewardship of our natural environment, which is vital to the people of Hawaii culturally, socially, and economically. We urge the committee to pass S.B. No. 1526. Thank you for this opportunity to testify.

