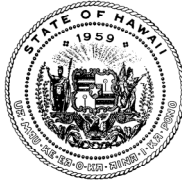


# HB562 HD1

Measure Title:	RELATING TO CONSTRUCTION WASTE.
Report Title:	Construction Waste; Recycling; Working Group
Description:	Requires the Department of Health to convene a construction waste reuse and recycling working group to determine how to implement a requirement for the reuse, recycling, or donation of construction waste. (HB562 HD1)
Companion:	
Package:	None
Current Referral:	CPH/AEN, WAM
Introducer(s):	LOWEN, BELATTI, BROWER, CULLEN, DECOITE, GATES, HASHEM, ICHIYAMA, JOHANSON, B. KOBAYASHI, C. LEE, MIZUNO, NAKAMURA, OHNO, QUINLAN, SAIKI, TARNAS, THIELEN, TODD, WILDBERGER, WOODSON, YAMANE



**STATE OF HAWAII**  
**DEPARTMENT OF HEALTH**  
P. O. Box 3378  
Honolulu, HI 96801-3378  
doh.testimony@doh.hawaii.gov

WRITTEN  
TESTIMONY ONLY

**Testimony in SUPPORT of HB0562 HD1  
RELATING TO CONSTRUCTION WASTE**

SENATOR MIKE GABBARD, CHAIR  
SENATE COMMITTEE ON AGRICULTURE AND ENVIRONMENT

SENATOR ROSALYN H. BAKER  
SENATE COMMITTEE ON COMMERCE, CONSUMER PROTECTION AND HEALTH  
Hearing Date: March 18, 2019                      Room Number: 224

1    **Fiscal Implications:** Unknown

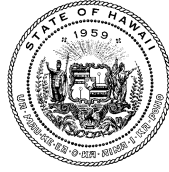
2    **Department Testimony:** This bill tasks the Department of Health (Department) with convening  
3    a working group to develop recommendations on how to implement a requirement for the reuse,  
4    recycling, or donation of construction waste.

5            The Department supports this measure. We also note that this measure may impact the  
6    priorities identified in the Governor's Executive Budget Request for the Department's  
7    appropriations and personnel priorities.

8    **Offered Amendments:** None

9            Thank you for the opportunity to testify on this measure.

DAVID Y. IGE  
GOVERNOR



CURT T. OTAGURO  
COMPTROLLER  
AUDREY HIDANO  
DEPUTY COMPTROLLER

**STATE OF HAWAII**  
**DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES**

P.O. BOX 119, HONOLULU, HAWAII 96810-0119

WRITTEN TESTIMONY  
OF  
CURT T. OTAGURO  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
TO THE  
SENATE COMMITTEES  
ON  
AGRICULTURE AND ENVIRONMENT  
COMMERCE, CONSUMER PROTECTION, AND HEALTH  
MARCH 18, 2019, 1:15 P.M.  
CONFERENCE ROOM 224, STATE CAPITOL

H.B. 562 H.D. 1  
RELATING TO CONSTRUCTION WASTE

Chairs Gabbard and Baker, Vice Chairs Ruderman and Chang, and Members of the Committees, thank you for the opportunity to testify on H.B. 562. H.B. 1.

The Department of Accounting and General Services supports the intent of this bill to convene a construction waste reuse and recycling working group. This working group would determine how to implement a program for the reuse, recycling, and donation of construction waste.

Thank you for the opportunity to testify on this matter.

DEPARTMENT OF DESIGN AND CONSTRUCTION  
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET, 11<sup>TH</sup> FLOOR  
HONOLULU, HAWAII 96813  
Phone: (808) 768-8480 • Fax: (808) 768-4567  
Web site: [www.honolulu.gov](http://www.honolulu.gov)

KIRK CALDWELL  
MAYOR



ROBERT J. KRONING, P.E.  
DIRECTOR

MARK YONAMINE, P.E.  
DEPUTY DIRECTOR

March 14, 2019

The Honorable Rosalyn H. Baker, Chair  
The Honorable Stanley Chang, Vice Chair  
and Members of the Committee on Commerce, Consumer Protection, and Health

The Honorable Mike Gabbard, Chair  
The Honorable Russell E. Ruderman, Vice Chair  
and Members of the Committee on Agriculture and Environment  
The Senate  
State Capitol, Room 224  
415 South Beretania Street  
Honolulu, Hawaii 96813

Dear Chairs Baker and Gabbard, Vice Chairs Chang and Ruderman, and Members:

SUBJECT: House Bill No. 562 H.D.1, Relating to Construction Waste

The purpose of House Bill No. 562 HD1 is to "require the department of health to convene a construction waste reuse and recycling working group to develop recommendations on how to implement a requirement for the reuse, recycling, or donation of construction waste." The Department of Design and Construction (DDC) agrees that construction waste should be reused and recycled to the maximum practical extent.

However, DDC respectfully **opposes** House Bill No. 562 HD1 for several reasons, including the following:

- The construction industry is already making significant progress in this regard, motivated to increase recycling and reuse of materials by the high cost of construction waste disposal. Construction materials including concrete, asphalt, aggregate, steel, and wood are routinely recycled by construction contractors to avoid paying for disposal in a landfill or at H-Power.

The Honorable Rosalyn H. Baker, Chair  
and Members  
The Honorable Mike Gabbard, Chair  
and Members  
March 14, 2019  
Page 2

- There is room for improvement in the area of increasing reuse over material recycling, but solutions to this challenge are market specific and would be better addressed at the county level than by new State regulations.
- This bill is unnecessary. A Department of Health working group is not the appropriate level at which to improve the economic and other incentives to increase construction material reuse and recycling.
- The effort of the proposed new working group has the potential to divert resources away from other Department of Health environmental programs that would yield a greater benefit, such as hazardous waste management and cleanup, enforcement of illegal dumping, watershed management, Clean Water Act administration, etc.

DDC typically has approximately 120 active construction contracts under management at any given time. For new building projects, the City and County of Honolulu requires compliance with the Leadership in Energy and Environmental Design (LEED) Silver requirements, which is a much more practical method of addressing environmental impacts, such as reuse and recycling of construction waste than additional State regulations (Revised Ordinances of the City and County of Honolulu 1990, Section 2-9.3).

Based on the above considerations, DDC respectfully **opposes** House Bill No. 562 HD1.

Thank you for the opportunity to express our opposition to this bill.

Very truly yours,

  
Robert J. Kroning, P.E.  
Director



# Chamber of Commerce HAWAII

*The Voice of Business*

**Testimony to the Senate Committees on Commerce, Consumer Protection and  
Health and Agriculture and Environment  
Monday, March 18, 2019 at 1:15 P.M.  
Conference Room 224, State Capitol**

**LATE**

**RE: HOUSE BILL 562 HD1 RELATING TO CONSTRUCTION WASTE**

Chairs Baker and Gabbard, Vice Chairs Chang and Ruderman, and Members of the Committees:

The Chamber of Commerce Hawaii ("The Chamber") supports the intent of HB 562 HD1, which requires the Department of Health to convene a construction waste reuse and recycling working group to determine how to implement a requirement for the reuse, recycling, or donation of construction waste.

The Chamber is Hawaii's leading statewide business advocacy organization, representing about 2,000+ businesses. Approximately 80% of our members are small businesses with less than 20 employees. As the "Voice of Business" in Hawaii, the organization works on behalf of members and the entire business community to improve the state's economic climate and to foster positive action on issues of common concern.

We would suggest that the working group include representatives from both the Building Industry Association of Hawaii, and the General Contractors Association of Hawaii. We believe that including these members on the working group would result in finding creative ways to "Incentivize" the market to move the market toward reuse, recycling and/or donating construction waste to minimize impacts on landfills.

Recycling of demolition materials is currently being done by the processes used by the various landfills in the types of demolition materials they will accept for disposal. Reuse and resale of construction waste is done on a case by case basis due to the additional cost and time required to deconstruct improvements.

Thank you for the opportunity to testify.



Email: [communications@ulupono.com](mailto:communications@ulupono.com)

SENATE COMMITTEES ON AGRICULTURE & ENVIRONMENT AND COMMERCE, CONSUMER  
PROTECTION, & HEALTH

Monday, March 18, 2019 — 1:15 p.m. — Room 224

**Ulupono Initiative Supports the Intent of HB 562 HD 1 with a Comment, Relating to  
Construction Waste**

Dear Chair Gabbard, Vice Chair Ruderman, Chair Baker, Vice Chair Chang, and Members of  
the Committees:

My name is Murray Clay and I am Managing Partner of the Ulupono Initiative, a Hawai'i-  
based impact investment firm that strives to improve the quality of life for the people of  
Hawai'i by working toward solutions that create more locally produced food; increase  
affordable, clean, renewable energy; and better manage waste and fresh water resources.  
Ulupono believes that self-sufficiency is essential to our future prosperity and will help  
shape a future where economic progress and mission-focused impact can work hand in  
hand.

**Ulupono supports the intent of HB 562 HD 1 with a comment**, which requires the  
Department of Health to convene a construction waste reuse and recycling working group  
focusing on construction waste, because it aligns with our goal of reducing waste in  
Hawai'i.

This bill is a crucial step to help Hawai'i become more sustainable, self-reliant and resilient.  
Construction and demolition waste is the single largest contributor to our waste stream in  
Hawai'i, representing 30 percent of all the material going into the landfill. On O'ahu alone,  
more than 400 structures are demolished each year. Only 10 percent of these are  
deconstructed and salvaged for reuse.

The production and shipping of building materials consume a tremendous amount of  
energy. When these items are kept out of the landfill and preserved for reuse, all the energy  
that was invested into them is also saved. For every ton of wood products that are salvaged  
in Hawai'i, 60 pounds of greenhouse gases are avoided by reducing the need to harvest and  
produce new products.

These salvaged materials also become an affordable community resource, helping local low  
to moderate-income Hawai'i families, especially those that cannot afford to buy new  
materials.

*Investing in a Sustainable Hawai'i*

Ulupono recommends expanding the working group to have a better balance of industry and actual recyclers. Right now, there is only one slot for a recycler and it is not specific to construction and demolition waste. There should be at least two spots for recyclers already involved with construction and demolition waste like Re-Use Hawai'i on O'ahu and Hawai'i Materials Recycling on Maui, as examples. There are several other companies involved in wood, metals, aggregate and other construction and demolition reuse and recycling that could also be included.

As Hawai'i's waste issues become increasingly complex and challenging, we appreciate these committees' efforts to look at policies that address these issues.

Thank you for this opportunity to testify.

Respectfully,

Murray Clay  
Managing Partner





# ROOFING CONTRACTORS ASSOCIATION OF HAWAII

Century Square - 1188 Bishop St., Ste. 1003\*\*Honolulu, HI 96813-3304

Ph: (808) 537-1224\*\*Fax: (808) 533-2739

March 18, 2019

Testimony To: Senate Committee on Agriculture and Environment  
Senator Mike Gabbard, Chair

Senate Committee on Commerce, Consumer Protection, and Health  
Senator Rosalyn H. Baker, Chair

Presented By: Tim Lyons, CAE  
Executive Director

Subject: H.B. 562, HD 1 - RELATING TO CONSTRUCTION WASTE.

Chair Gabbard, Chair Baker and Members of the Joint Committee:

I am Tim Lyons, Executive Director of the Roofing Contractors Association of Hawaii and we generally support this bill.

Waste from reroofing jobs has long been a concern to our industry. In fact, sometime ago we advocated for a Resolution to have the Department of Planning and Economic Development study a recycling project in order to determine if it was economically feasible to recycle torn off roofing material for other uses such as for use in asphalt paving. This is done in certain other states. Unfortunately, it was determined that we

do not have a sufficient amount of waste generation in order to do that and the issue was dropped.

Although the issue was dropped, it has not been out of our mind and we're still concerned about what to do with this waste. Therefore, we highly endorse the formation of a working group in order to determine how to implement a requirement for such material.

Based on the above, we support this bill.

Thank you.

**HB-562-HD-1**

Submitted on: 3/14/2019 9:43:31 AM

Testimony for CPH on 3/18/2019 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Regina Gregory	Testifying for EcoTipping Points Project	Support	No

Comments:



# SIERRA CLUB OF HAWAII

**MĀLAMA I KA HONUA. Cherish the Earth.**

## SENATE COMMITTEE ON AEN & CPH

March 18, 2019      1:15 p.m.      Room 224

In **SUPPORT** of **HB 562 HD1**: Relating to construction waste

**LATE**

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Aloha Chair Gabbard, Chair Baker, Vice Chair Ruderman, Vice Chair Chang and members of the committee,

On behalf of our 20,000 members and supporters, the Sierra Club of Hawai'i is **in support of HB 562 HD1**, which would require the Department of Health to convene a construction waste reuse and recycling working group to determine how to implement a requirement for the reuse, recycling, or donation of construction waste.

The Sierra Club of Hawai'i is committed to supporting efforts that seek to reduce waste and consumption across the islands, that initiate on-island recycling and processing, and that explore innovative ways to upcycle and reuse various waste materials. In this case, we advocate for diverting construction waste away from the landfill or to H-POWER by reuse, recycling, or donation. We realize there is a need to address the issue of construction waste, as it can have negative impacts on the natural environment.

Let's continue moving toward a zero waste Hawai'i in a way that is clean, efficient, and causes minimal harm to the environment. *We urge the committee to pass this measure*, which will serve our collective efforts to reduce waste across the state.

Thank you very much for this opportunity to provide testimony in **support of HB 562 HD1**

Mahalo,  
Lori Mallini  
Volunteer, Sierra Club of Hawai'i



**TESTIMONY TO THE SENATE COMMITTEES ON AGRICULTURE AND ENVIRONMENT, AND  
COMMERCE, CONSUMER PROTECTION & HEALTH  
State Capitol, Conference Room 224  
415 South Beretania Street  
1:15 PM**

March 18, 2019

RE: HOUSE BILL NO. 562 HD 1, RELATED TO CONSTRUCTION WASTE

Chairs Gabbard and Baker, Vice Chairs Ruderman and Chang, and members of the committees:

My name is Gladys Quinto-Marrone, CEO of the Building Industry Association of Hawaii (BIA-Hawaii). Chartered in 1955, the Building Industry Association of Hawaii is a professional trade organization affiliated with the National Association of Home Builders, representing the building industry and its associates. BIA-Hawaii takes a leadership role in unifying and promoting the interests of the industry to enhance the quality of life for the people of Hawaii. Our members build the communities we all call home.

BIA-Hawaii **supports the intent** of H.B. 562 HD 1, which would require the Department of Health to convene a construction waste reuse and recycling working group to determine how to implement a requirement for the reuse, recycling, or donation of construction waste.

Recycling of demolition materials is currently being done by the processes used by the various landfills in the types of demolition materials they will accept for disposal. Reuse and resale of construction waste is done on a case-by-case basis due to the additional cost and time required to deconstruct improvements.

We would suggest that the working group include representatives from both the Building Industry Association of Hawaii, and the General Contractors Association of Hawaii. We believe that including these members on the working group would result in finding creative ways to incentivize the market to move the market toward reuse, recycling and/or donating construction waste to minimize impacts on landfills and the environment.

We support the intent of H.B. 562 HD 1, and appreciate the opportunity to express our views on this matter.

**HB-562-HD-1**

Submitted on: 3/18/2019 2:53:30 AM

Testimony for CPH on 3/18/2019 1:15:00 PM



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

Comments:

Support HB 562 HD1. The bill charges the Dept. of Health to facilitate an appointed committee of impacted and interested stakeholder groups to examine the related issues to address regarding implementation of a construction waste management program and report its findings to the legislature. This is a favorable approach because the assbled committee will be comprised of construction industry experts and others knowledgeable of the related issues. The committee will be able to provide the legislature with credible facts and solutions on how to reduce and divert construction waste from going into the landfill or being incinerated. Please support passage of the legislation.

Kraig Stevenson

ICC Government Relations

kstevenson@iccsafe.org

562-201-9209 mobile

**HB-562-HD-1**

Submitted on: 3/18/2019 7:27:50 AM

Testimony for CPH on 3/18/2019 1:15:00 PM



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

Comments:

Dear Honorable Committee Members:

Please support HB562. Construction waste holds many toxins and should be monitored and regulated to protect our water supply and ecosystem.

Thank you for your time.

Andrea Quinn

Kihei