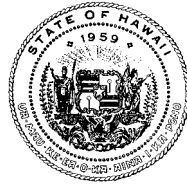


SB 1109

DAVID Y. IGE
GOVERNOR OF HAWAII



VIRGINIA PRESSLER, MD.
DIRECTOR OF HEALTH

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

**Testimony COMMENTING on SB 1109
RELATING TO POLYSTYRENE FOAM CONTAINERS**

SENATOR MIKE GABBARD , CHAIR
SENATE COMMITTEE ON AGRICULTURE AND ENVIRONMENT

SENATOR CLARENCE K. NISHIHARA
SENATE COMMITTEE ON PUBLIC SAFETY, INTERGOVERNMENTAL, AND
MILITARY AFFAIRS

Hearing Date: February 8, 2017 Room Number: 224
Time: 1:15 P.M.

1 **Fiscal Implications:** We support the intent of this initiative as long as it does not replace our
2 priorities requested in the Executive Budget.

3 **Department Testimony:** The department supports the intent of this measure in combating the
4 global problem of plastic marine debris and to reduce litter which spoils the natural beauty of the
5 islands, however there are concerns that a ban of polystyrene disposable containers may not be
6 the best strategy in addressing these issues.

7 The Infrastructure and Environmental Management Committee of the Maui County
8 Council created a task force to provide recommendations on a bill for an ordinance which in part
9 prohibits food providers from using, selling, providing or offer the use of polystyrene food
10 service containers. In their report dated November 17, 2014, the task force could not reach a
11 consensus that the bill was the best approach in mitigating the impacts of polystyrene disposable
12 food service containers. The report lists very pertinent and relevant issues on both sides
13 indicating that this issue may not be as “black and white” as proposed by this measure. However
14 the task force did agree that education and public outreach would be very beneficial in raising the

1 awareness of the negative impacts litter has in general to the environmental. It appears the Maui
2 County Council will be re-visiting this bill and discussing its merits in very near future.

3 In a report dated June 26, 2015, in accordance to a resolution passed by the Honolulu
4 City Counsel, the Department of Environmental Services study the use and impacts of single-use
5 food service containers, which included polystyrene containers. They noted that, “Under the
6 current waste management system on Oahu, any single-use food service container (no matter the
7 type or quality) disposed in the trash would be collected and turn into energy at the City’s waste-
8 to-energy facility (HPOWER).” This diverts the containers from the landfill to HPOWER. The
9 report also noted that most cities that implemented bans on some types of single-use food
10 containers do not include waste-to-energy in their integrated solid waste management and rely on
11 recycling and composting to divert waste from the landfills.

12 The department proposes that since some of the counties have already conducted studies
13 and are considering a ban on polystyrene food containers, it is recommended the counties be
14 allowed the opportunity to implement a ban on polystyrene food containers; which is not unlike
15 the ban on plastic bags. The department can evaluate the effectiveness at the county level before
16 implementing a statewide ban.

17 Thank you for the opportunity to testify.



February 5, 2017

TIM VANDEVEER
Chair,
MARIE STRAZAR
Vice Chair

MARGARET WILLE
SEAN SMITH
Legislative Committee Co-Chairs

SB1109

RELATING TO POLYSTYRENE CONTAINERS

Wednesday, February 8, 2017 1:15 pm State Capitol, Conference Room 224

Senator Mike Gabbard, Chair
Senator Gil Riviere, Vice Chair
Committee on Agriculture and Environment

Senator Clarence Nishihara, Chair
Senator Glenn Wakai, Vice Chair
Committee on Public Safety, Intergovernmental, Military Affairs

Submitted on Behalf of the Democratic Party of Hawaii

The Democratic Party of Hawaii supports SB 1109 “Relating To Polystyrene Containers” **HOWEVER the DPH asks the Committee to delete the loophole allowing avoidance of this prohibition in a County if there is a program for polystyrene foam that recycles at least 60% annually.** This loophole is inconsistent with the goal of removing this product from our waste stream. Polystyrene containers have been found to be especially harmful to marine life, in particular marine birds and this loophole may or may not decrease the amount of polystyrene harming our environment. Establishing a ban on the sale of polystyrene foam is one of DPH’s Environmental Wellbeing legislative priorities for the 2017 Legislative Session.

Respectfully submitted,

/s/ Tim Vandever (tim@hawaiidemocrats.org)
Chair of the Democratic Party of Hawai‘i

/s/ Marie (Dolly) Strazar (hilomds@gmail.com)
Vice Chair of the Democratic Party of Hawai‘i

/s/ Margaret Wille (margaretwille@mac.com)
/s/ Sean Smith (simashang@yahoo.com)
Legislative Committee Co-chairs



**TESTIMONY OF TINA YAMAKI
PRESIDENT
RETAIL MERCHANTS OF HAWAII
February 8, 2017**

Re: SB1109 RELATING TO POLYSTYRENE FOAM CONTAINERS

Good afternoon Chairs Gabbard and Nishihara and members of the Senate Committees on Agriculture & Environment, and Public Safety, Intergovernmental & Military Affairs. I am Tina Yamaki, President of the Retail Merchants of Hawaii and I appreciate this opportunity to testify.

The Retail Merchants of Hawaii (RMH) is a statewide not-for-profit trade organization representing 200 members and over 2,000 storefronts, and is committed to support the retail industry and business in general in Hawaii. The retail industry is one of the largest employers in the state, employing 25% of the labor force.

The Retail Merchants of Hawaii strongly opposes SB 1109 Relating to Polystyrene Foam Containers. Retailers continue to be concerned about our aina and have supported many initiatives that preserve and protect our environment.

We need to maintain a fair balance regarding food service containers. This government mandate would place an undue burden on grocers, restaurants, mom & pop establishments, and others as their cost of business would increase. Alternative non-polystyrene containers are far more expensive than the current polystyrene ones being used. In some cases the price can be 2 to 3 more. Many businesses are already operating on a very thin profit margin. They look for cost effective food containers that ensure that products are durable enough to protect people from spills and burns as well as keep food fresh longer by sustaining appropriate temperature. The market/customers should dictate the use of polystyrene containers. Businesses are already voluntarily transitioning to non-polystyrene containers due to their customer demands.

It is also our understanding that currently some islands do not have the recycling facilities capable of receiving alternative non polystyrene containers. As a result, these non-polystyrene containers will continue to be part of the landfills. We would like to also note that many biodegradable and compostable alternative type food containers will not decompose faster than polystyrene in landfills.

Hawaii's retailers unquestionably support initiatives to preserve and protect our environment. The solution to the polystyrene containers is not in a total ban, but in the wise management of this resource, i.e., the "reduce, reuse and recycle" principle. The focus should be on litter control education and looking into establishing a polystyrene recycling program.

Again mahalo for this opportunity to testify.

From: mailinglist@capitol.hawaii.gov
Sent: Saturday, February 4, 2017 12:03 PM
To: AEN Testimony
Cc: chair@maui.surfrider.org
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/4/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Andrew O'Riordan	Surfrider Foundation	Support	No

Comments: I support this bill, and I am an engaged voter. Please consider seriously! My name is Andrew O'Riordan. I live at: 28 Puamana Place, Lahaina, HI 96761.

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

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**Senate Bill 1109: Relating to Polystyrene Foam Containers
In Strong Support**

Hearing Date: Wednesday February 8th, 2017

Hearing Time: 1:15 PM

Place: Conference Room 224

Committee: Agriculture & Environment/Public Safety Intergovernmental, & Military Affairs

Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM,

I am writing to you on behalf of the Surfrider Foundation's Oahu Chapter, in strong support of SB 1109, relating to the ban of Polystyrene Foam Food containers from our State.

As an organization that engages thousands of volunteers each year on the issues of plastic pollution through beach cleanups, educational info nights, and stream cleanups, Surfrider is extremely familiar with the detrimental effect these foam containers are having on our environment and ultimately our economy. Each year we see more and more plastics aggregating on our State beaches and foam is one of the most found items during our beach cleanups. Polystyrene Foam, like plastic bags, has the characteristic of being extremely light and brittle – thus leading to its escape and nasty ability to break into smaller pieces in the environment. If it remains intact it clogs stormdrains and other runoff infrastructure and if it breaks into pieces, it can end up in the stomachs of many marine and stream creatures. These effects are all detrimental to the health of our ecosystems and leave an ugly scar on the landscape that provides the basis for our whole economy.

Through years of investigation and generating collective understanding of the issue, Surfrider and its partners have found an undeniable amount of evidence that points to banning foam as a necessary step for our State to move forward in a sustainable way. Our State Department of Transportation Highways program recently identified foam and plastic bags as the two largest contributors to trash problems around our State. These are unnecessary materials that are costing our tax payers millions of dollars each year to clean up. The bullet points catalogued below highlight studies on Global, National, State, and County levels identifying the financial cost of plastics like foam to our economy.

Surfrider advocates for our State to rethink the way it creates, handles, and discusses waste. Our view is that we can become a leader in a regenerative economy in which we value reuse and recovery over the single-use items. Single-use plastics, like polystyrene foam, are a fossil fuel driven, carbon emitting industry that has no place in an island economy where space is limited and our environmental health is the most important issue to our economy. Alternatives to foam and other forms of plastic are easily accessible, with the most sustainable version being certified compostable products.

As the leading non-profit in Hawaii's Ocean Friendly Restaurants Program, Surfrider and its partners have certified over 100 hundred businesses around the State that illustrate that foam free is not only the right thing to do, but is an economically viable way to operate. Though the program is only a year old, the amount of restaurants demonstrating their ability to operate in this manner continues to not only grow, but be an incentive for customers to frequent the restaurants as our population understands more and more the destructive effects these types of plastics are having on our world.

While litter reduction campaigns should continue around the world, they are proving ineffective as a way of keeping plastic contamination out of our oceans. Despite efforts to stop litter the amount of plastic entering our oceans each year is rising exponentially, with predictions showing that by 2050 there will be more plastic by weight in the ocean than fish. Each step that we make towards taking these items out of circulation allows us to have a positive impact on reducing this toxic soup that is accumulating in our oceans.

The referenced bullet points below outline the economic, environmental, and human health impacts of foam to our islands.

Cleanup Costs & Economic Benefits

- Plastic is costing cities, counties, states, & countries millions of dollars and our global economy billions. Costs are passed to the taxpayers by burdening our storm water management systems with the need for expensive best management practices and the costs of cleanups.
- Hawaii State Department of Transportation has produced a trash plan that shows styrofoam and plastic bags as the top two contributors to the waste stream.¹
- The Natural Resource Defense Council (NRDC) created a plastic cleanup valuation study for 90+ counties in California:²
 - CA taxpayers are paying \$428 million per year to clean up plastic through storm drain management, street sweeping, and cleanups.
 - San Diego County (with population of 1.3 equivalent to Hawaii) spends \$14 million alone on plastic cleanup
- United Nations Environmental Program Global Estimates are in the billions for the global cost to cleanup plastics, \$14 billion for marine plastic alone.³
 - This cost is closer to \$78 billion annually if all costs are considered, including the cost lost in fossil fuel production and loss of resources.
- Burden on the public

¹ http://www.stormwaterhawaii.com/swmp_wp/wp-content/uploads/2014/10/Trash-Reduction-Plan_FINAL-10-18-16.pdf

² <https://www.nrdc.org/sites/default/files/ca-pollution-in-waterways-IB.pdf>

³ www.unep.org/pdf/ValuingPlastic/

- According to cleanup hours recorded across Hawaii's beach cleaning organizations and volunteer hour base rates, we spent \$750,000 - \$1 million on beach cleanups in 2016 alone.

Environmental Impact

- It is argued that styrofoam is acceptable because we can incinerate it for energy. However, this approach is not without significant impacts. According to the Hawaii DOH Clean Air Branch the Covanta H-POWER plant emits 0.15 million metric tons of carbon dioxide⁴ (a potent greenhouse gas) annually. Although touted as a "clean energy solution" for Hawaii, H-POWER only generates about 3% of Oahu's energy needs⁵ while still emitting greenhouse gases through burning plastic.
- Further, for each ton of polystyrene not produced, 2.5 metric tons of carbon dioxide emissions are avoided. This directly supports Hawaii's greenhouse gas reduction goals as stated in the Aloha + Challenge and as mandated by the US EPA.⁶
- The U.S. Environmental Protection Agency's Waste Reduction Model (WARM) report shows that burning polystyrene emits more carbon dioxide equivalent than other plastics. For each ton of polystyrene incinerated, 1.64 tons of carbon dioxide equivalent are emitted.
- If burned at HPower, one compostable clamshell burns 1.76 times greater energy compared to one EPS Foam clamshell of the same size. And burning compostable products comes without the toxic ash or smoke that EPS foam creates in the burning process.
- Fiber clamshells are also less than half the volume of EPS, so a restaurant could fit about twice as many clamshells on the same amount of shelf space or have more space for other things.
- The material for fiber containers can be grown and then made here in Hawaii, so more jobs and sustainable ones, not jobs that are exposing workers directly to large amounts of toxic chemicals. EPS can also be made here, but raw, toxic source chemicals need to be shipped to Hawaii.
- EPS is designed to be used once, and according to the US EPA less than 1% of foam is recycled nationally. 0% of EPS Foam is recycled locally.
- According to the EPA Waste Reduction Model Report, 7% of plastic waste generation in US is polystyrene. Of our total plastic recovery, polystyrene makes up 0.7% of recycled plastic

Human Health

- Air pollution from polystyrene

⁴ <http://energy.hawaii.gov/wp-content/uploads/2011/10/ghg-inventory-20081.pdf>

⁵ www.islandpulse.org

⁶ <https://www3.epa.gov/epawaste/conservation/tools/warm/pdfs/Plastics.pdf>

- Styrene is reasonably anticipated to be a human carcinogen and a confirmed animal carcinogen as reported by the National Institute of Health in their Report on Carcinogens (2011); this conclusion is also endorsed by the National Academy of Sciences (2014)⁷
- When combusted, styrene produces benzaldehyde (US EPA classifies this as a hazardous substance), acetophenone (Group D carcinogen by US EPA, causes chromosomal damage on hamsters, but hasn't been tested in humans), styrene oxide (main metabolite of styrene, which is known as carcinogenic).

Surfrider Foundation deeply appreciates your time and energy in considering these important matters and is available to answer questions that you may have.

Mahalo,

Rafael Bergstrom
Oahu Chapter Coordinator, The Surfrider Foundation

⁷ <https://www.niehs.nih.gov/health/topics/agents/styrene/index.cfm>



**TESTIMONY OF TINA YAMAKI
PRESIDENT
RETAIL MERCHANTS OF HAWAII
February 8, 2017**

Re: SB1109 RELATING TO POLYSTYRENE FOAM CONTAINERS

Good afternoon Chairs Gabbard and Nishihara and members of the Senate Committees on Agriculture & Environment, and Public Safety, Intergovernmental & Military Affairs. I am Tina Yamaki, President of the Retail Merchants of Hawaii and I appreciate this opportunity to testify.

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The Retail Merchants of Hawaii strongly opposes SB 1109 Relating to Polystyrene Foam Containers. Retailers continue to be concerned about our aina and have supported many initiatives that preserve and protect our environment.

We need to maintain a fair balance regarding food service containers. This government mandate would place an undue burden on grocers, restaurants, mom & pop establishments, and others as their cost of business would increase. Alternative non-polystyrene containers are far more expensive than the current polystyrene ones being used. In some cases the price can be 2 to 3 more. Many businesses are already operating on a very thin profit margin. They look for cost effective food containers that ensure that products are durable enough to protect people from spills and burns as well as keep food fresh longer by sustaining appropriate temperature. The market/customers should dictate the use of polystyrene containers. Businesses are already voluntarily transitioning to non-polystyrene containers due to their customer demands.

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Hawaii's retailers unquestionably support initiatives to preserve and protect our environment. The solution to the polystyrene containers is not in a total ban, but in the wise management of this resource, i.e., the "reduce, reuse and recycle" principle. The focus should be on litter control education and looking into establishing a polystyrene recycling program.

Again mahalo for this opportunity to testify.



Executive Officers:
John Erickson, Young's Market Company –Chair
Beau Oshiro, C&S Wholesale – Vice Chair
Toby Taniguchi, KTA Superstores – Secretary/Treasurer
John Schilf, Rainbow Sales and Marketing - Advisor
Stan Brown, Acosta – Advisor
Paul Kosasa, ABC Stores – Advisor
Barry Taniguchi, KTA Superstores – Advisor
Derek Kurisu, KTA Superstores – Immediate Past Chair
Lauren Zirbel, Executive Director

1050 Bishop St. PMB 235
Honolulu, HI 96813
Fax: 808-791-0702
Telephone: 808-533-1292

TO: COMMITTEE ON AGRICULTURE
Sen. Mike Gabbard, Chair
Sen. Gil Riviere, Vice Chair

COMMITTEE ON PUBLIC SAFETY, INTERGOVERNMENTAL, AND MILITARY AFFAIRS
Sen. Clarence Nishihara, Chair
Sen. Glenn Wakai, Vice Chair

FROM: HAWAII FOOD INDUSTRY ASSOCIATION
Lauren Zirbel, Executive Director

DATE: Wednesday, February 8, 2017
TIME: 1:15 p.m.
PLACE: Conference Room 224

RE: SB 1109 RELATING TO POLYSTYRENE FOAM CONTAINERS

Position: Oppose

The Hawaii Food Industry Association is comprised of two hundred member companies representing retailers, suppliers, producers, and distributors of food and beverage related products in the State of Hawaii.

HFIA is opposed to this measure because biodegradable products are 30% more expensive than polystyrene options. Biodegradable products, under our current system of waste disposal will meet the same end as polystyrene. Both compostable and polystyrene options incinerate. Both compostable and polystyrene options will not biodegrade in modern landfills. Landfills are designed to protect the environment from the liquids and gases produced by reducing the exposure of garbage to air, water and sunlight – conditions essential for degradation. Without an investment in commercial composting facilities, this increased cost for food establishments and consumers will result in negligible environmental benefits.

Not one county in Hawaii has a commercial composting facility where these products can be sent to compost. It is exceedingly difficult to successfully implement a commercial composting system, which accepts post-consumer food waste. Oahu has HPOWER, which can utilize the very high BTU value of polystyrene.

Most of the trash debris seen on beaches is the result of haphazard disposal of waste from all over the world and on the seas, which are brought here by currents. Many products do not biodegrade which is why waste management is such an important issue. **Hundreds of Kalihi jobs may be eliminated if the Legislature continues to threaten this locally produced, favorably priced, FDA approved product.**

Looking at this from a resource conservation prospective, source reduction is much more effective than recycling. According to Franklin Associates, in order for polystyrene packaging and disposables' recycling efforts to save as much energy as the 408 million pounds source reduced in 1997, a recycling rate of 51% would have to be achieved. On a side note, we invite all of the legislators to come visit KYD's recycling facility in Kalihi to see how they source reduce and streamlining production by reusing leftover production materials.

There are very real concerns associated with the manufacturing of biodegradable packaging, as the 2006 Smithsonian Magazine put forth, stating that biodegradable alternatives have considerable drawbacks that haven't been publicized...such as that the cultivation of corn uses more nitrogen fertilizer, more herbicides and more insecticides than any other U.S. crop; those practices contribute to soil erosion and water pollution when nitrogen runs off fields into streams and rivers. One must acknowledge the environmental trade-offs associated with the use of any packaging material and whether a mandate to use one particular type of container or product will have the desired result of reducing litter and/or marine debris.

All foodservice products – regardless of the material from which they are made – require the use of various natural resources i.e. energy, water, etc. A 2006 Life Cycle Inventory study by Franklin and Associates showed that polystyrene when compared to other food service containers, is very efficient in terms of minimizing air emissions and energy used in the manufacturing process and in reducing the amount of waterborne waste generated during the manufacturing process.

This bill makes the false assumption that products that would replace polystyrene are somehow manufactured in a vacuum without the use of any raw materials, energy, or water, or fuel to deliver the product. This is especially important considering many bio-degradable options are produced in China where labor, quality and environmental standards are know to be well below the labor, quality and environmental standards practiced in plants which produce polystyrene here on the island of Oahu.

We should consider the carbon footprint of shipping supplies from China, especially given that we have a more economically viable product produced right here in Hawaii, providing a 100 jobs to the community.

The FDA, Health Canada and Environment Canada concluded extensive studies that styrene is "non-toxic" and that styrene "does not constitute a danger to human life and health" and "does not constitute a danger to the environment on which human life depends."

Many of our members have found it impossible to find an alternative product which keeps food hot and is sturdy enough to protect consumers from spills and burns. The desire to keep food in good condition after it is taken to go is a primary concern for food retailers.

For all of these reasons we would ask that this bill be held. Thank you for the opportunity to testify.



**Conservation Council
for Hawai'i**

Hawai'i's voice for wildlife

Kō Hawai'i leo no nā holoholona lōhiu

Testimony Submitted to the Senate Committee on Agriculture and Environment
And Senate Committee on Public Safety, Intergovernmental, and Military Affairs
By the Conservation Council for Hawai'i
Hearing: Wednesday, February 8, 2017 1:15 pm
Room 224

Support for SB 1109 Relating to Polystyrene Foam Containers

Chair Gabbard, Chair Nishihara, Vice Chair Riviere, Vice Chair Wakai, and Members of the Committee,

Aloha. The Conservation Council for Hawai'i supports SB 1109, which prohibits the use of polystyrene foam containers by food vendors beginning 1/1/18, unless: (1) the county in which the food vendor works has established a polystyrene foam container recycling program; or (2) DOH allows an exemption.

Polystyrene foam is toxic and everywhere. It does not break down and threatens marine and other wildlife. It is ugly and mars the landscape, and it takes up precious space in our landfills. There are healthy and safe alternatives to polystyrene foam food containers. There is no reason to keep using polystyrene foam.

Please pass SB 1109. Mahalo nui loa for the opportunity to testify.

Marjorie Ziegler

Marjorie Ziegler



Telephone/Fax: 808.593.0255 | email: info@conservehi.org | web: www.conservehi.org
P.O. Box 2923 | Honolulu, HI 96802 | Office: 250 Ward Ave., Suite 215 | Honolulu, HI 96814
President: Wayne Tanaka | Vice President: Koalani Kaulukukui | Secretary: Rachel Sprague
Treasurer: Les Welsh | Director: Anne Walton
Executive Director: Marjorie Ziegler | Administrator: Jonnetta Peters



From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 2:03 PM
To: AEN Testimony
Cc: chair@kona.surfrider.org
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Holly Kersten	Surfrider Foundation	Support	No

Comments: Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM, My name is Holly Kersten and I am a resident of Kailua Kona and the Chair for Surfrider Foundation Kona Kai Ea Chapter. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. Polystyrene foam is one of the most littered and least recycled forms of plastic on our Island as well as poisonous. Many mahalos for your consideration.

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

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Hearing Date: Wednesday February 8th, 2017

Hearing Time: 1:15 PM

Place: Conference Room 224

Committees: Agriculture & Environment; Public Safety, Intergovernmental, and Military Affairs

Aloha Chairs Gabbard & Nishihara, and Members of the Joint Committee on AE & PSM,

My name is Doorae Shin. I am a resident of Manoa Valley, and I am testifying in full support of SB1109 on behalf of the Kōkua Hawai'i Foundation. At our most recent beach cleanup on MLK Day, we picked up 7,000 lbs. of marine debris off of Kahuku beach. This is just from an hour and a half of cleaning. A large portion of what we find at beach cleanups is EPS Foam (aka styrofoam).

UH Manoa Foam Free Since 2013

I first became aware of plastic pollution when I was a student at UH Manoa. I moved here 7 years ago to go to UH, and I fell in love with nature. I was truly in awe at the beauty of this place, and I was humbled by my newfound connection to the mountains, the ocean, and all the life that makes Hawai'i the paradise that it is. But in my first years on the island, I noticed so much trash and plastic flying around and littered in the places I love, and Styrofoam was a big offender. I organized a campaign at UH Manoa to ban EPS foam, and in April of 2013, the administration passed an official policy banning food vendors from using EPS foam. In the transition period where restaurants switched to alternatives, there was never a single complaint of economic hardship or dissatisfaction about the policy. All of UH's food establishments, ranging from small food trucks to larger businesses, made a smooth transition, and UH has been a foam-free campus ever since. A copy of the policy can be found here:

<http://manoa.hawaii.edu/policies/pdfs/SustainableFoodServiceProducts.pdf>

<http://manoa.hawaii.edu/policies/pdfs/SustainableFoodServiceProducts.pdf>

Marine Debris

80% of all marine debris is land-based, meaning it comes from consumers like ourselves that use plastic in our day-to-day lives. Global data from the Ocean Conservancy reveals that 9 out of the 10 top items found on our beaches are food and beverage related plastics (the only one that is not is cigarette butts), so reducing single-use plastics from foodservice is the lowest hanging fruit to mitigate the plastic pollution crisis facing our oceans.

Impact on Wildlife & the Food Chain

Most of the plastic we pick up has fish bites all over it. We know from the research of scientists around the world that millions of sea and land animals suffer injuries or death from the ingestion of or entanglement in plastic. Our overconsumption of plastic is causing unnecessary harm to nature and wildlife, and this bill is an important step in reducing that suffering. Not to mention that the harmful chemicals in plastics accumulate up the food chain, meaning that people eating fish & seafood receive concentrated doses of these chemicals in their bodies.

It's Unnecessary & There Are Alternatives

The key point here is that our use of styrofoam in foodservice is unnecessary. Single-use plastics, like the foam containers, cups, & plates used at local restaurants, are made from petroleum and are designed for one use. To design a product to be used for less than 30 minutes that we know will last hundreds of years in the environment is irresponsible and irrational.

There are ever-increasing alternatives to these products that offer the same shapes, sizes, function & quality that foam does without any of the consequences. All major distributors of EPS foam also distribute eco-friendly alternatives, so distributors would not lose any business.

Jobs & Employee Health

And though we should be aware of a loss of a small number of jobs at KYD (local foam producer), we should be equally aware that these are hazardous jobs. In producing polystyrene foam products, KYD exposes their employees to harmful chemicals like styrene, which is categorized as an animal carcinogen and a suspected human carcinogen (National Institute of Health's 2011 Report on Carcinogens). Another [National Institute of Health study](#) found "An excess of spontaneous abortions ... in women whose work included the processing of polystyrene." These are just some of the warnings heeded by scientists that have studied these and many more health effects from exposure to styrene.

So any jobs lost from slowing down foam production will in fact be a blessing to the health and safety of those employees, and with an economic shift towards eco-friendly products, we can easily replace those jobs with ones of a non-toxic nature, perhaps by instead producing disposable foodservice ware made from plant materials, which supports local farmers on top of creating a healthier workplace for local employees.

Mahalo

With the reality that the use of EPS foam in restaurants is unnecessary and that alternatives are abundant, I hope you support SB1109 so our local restaurants can use products that do not pose a threat to our environment, to wildlife, to our food chain, or to the health of our local workers and consumers. The convenience of EPS foam does not outweigh the consequence, and we can now find the same conveniences in more sustainable alternatives. Mahalo nui loa for your time & consideration.

From: [Megan Lamson](#)
To: [AEN Testimony](#); [PSMTestimony](#)
Cc: [Megan Lamson](#)
Subject: My testimony for 2/8 foam bill hearing (SB1109)
Date: Monday, February 6, 2017 1:51:14 PM

Aloha State Senators,

I am in FULL support of Senate Bill 1109, prohibiting food vendors to use expanded polystyrene containers after January 1st, 2018. It does our 'aina and our ocean no good to continue to import products that have no viable or pono disposal mechanisms.

We have environmentally better options for our restaurants and an obligation to our communities, visitors, ocean and land to make more earth-friendly choices. There are several local distributors that are already selling eco-friendly, compostable foam food service alternatives, including both Sustainable Island Products, KYD, Suisan, FFF Distributors, and Styrophobia, and these options are usually at a cost difference of a dime or so more than the traditional more wasteful single-use plastic options.

I hope that you take the time to consider the full "life" cycle of these products when making your decision. A negligible cost difference now can mean a world of hurt for marine wildlife and human health in the very near future.

Furthermore, two scientific journal articles were published in recent years from studies on Hawai'i Island (Carson et al. 2013) and Maui (Blickley et al. 2016) that highlighted examples of locally-sourced marine debris. I am on travel and away from my computer at the moment but am happy to forward these documents after I return on 2/17. Both studies prove that land-based debris from local sources can and DO end up as marine debris along our shorelines.

Plus, for the past 20+ years, Hawai'i Wildlife Fund and volunteers have removed over 200 metric tons of marine debris from the shores of Hawai'i nei, most of which was PLASTIC. This large amount highlights that this plastic pollution problem is not something we can ignore any longer.

We have to get better at taking some responsibility for our own LOCAL input and sources of marine debris, and to stop pointing the finger at faraway places and commercial fishing industries. Marine debris is a people problem and it stems from all people. This proposed bill would be a great step in the right direction and I urge you to move towards this more this zero waste pathway.

We can and must do better for our Islands--please pass this very important measure!!

Please vote to SUPPORT the proposed foam bill (SB 1109) at this week's hearing for the health of our island ecosystems and our keiki into the future.

Mahalo for your time and consideration.

Sincerely,
Megan R. Lamson, M.S.

Hawai'i Wildlife Fund (wildhawaii.org)

Hawai'i Island Program Director

meg.HWF@gmail.com

Kahakai.cleanups@gmail.com

808-217-5777

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**TESTIMONY OF TINA YAMAKI
PRESIDENT
RETAIL MERCHANTS OF HAWAII
February 8, 2017**

Re: SB1109 RELATING TO POLYSTYRENE FOAM CONTAINERS

Good afternoon Chairs Gabbard and Nishihara and members of the Senate Committees on Agriculture & Environment, and Public Safety, Intergovernmental & Military Affairs. I am Tina Yamaki, President of the Retail Merchants of Hawaii and I appreciate this opportunity to testify.

The Retail Merchants of Hawaii (RMH) is a statewide not-for-profit trade organization representing 200 members and over 2,000 storefronts, and is committed to support the retail industry and business in general in Hawaii. The retail industry is one of the largest employers in the state, employing 25% of the labor force.

The Retail Merchants of Hawaii opposes SB 1109 Relating to Polystyrene Foam Containers. Retailers continue to be concerned about our aina and have supported many initiatives that preserve and protect our environment.

We need to maintain a fair balance regarding food service containers. This government mandate would place an undue burden on grocers, restaurants, mom & pop establishments, and others as their cost of business would increase. Alternative non-polystyrene containers are far more expensive than the current polystyrene ones being used. In some cases the price can be 2 to 3 more. Many businesses are already operating on a very thin profit margin. They look for cost effective food containers that ensure that products are durable enough to protect people from spills and burns as well as keep food fresh longer by sustaining appropriate temperature. The market/customers should dictate the use of polystyrene containers. Businesses are already voluntarily transitioning to non-polystyrene containers due to their customer demands.

It is also our understanding that currently some islands do not have the recycling facilities capable of receiving alternative non polystyrene containers. We would like to also note that many biodegradable and compostable alternative type food containers will not decompose faster than polystyrene in landfills.

Hawaii's retailers unquestionably support initiatives to preserve and protect our environment. The solution to the polystyrene containers is not in a total ban, but in the wise management of this resource, i.e., the "reduce, reuse and recycle" principle. The focus should be on litter control education and looking into establishing a polystyrene recycling program on all islands.

Again mahalo for this opportunity to testify.



Chamber of Commerce HAWAII
The Voice of Business

**Testimony to the Senate Committee on Agriculture and Environment
and Committee on Public Safety, Intergovernmental, and Military Affairs
Wednesday, February 8, 2017 at 1:15 P.M.
Conference Room 224, State Capitol**

RE: SENATE BILL 1109 RELATING TO POLYSTYRENE FOAM CONTAINERS

Chairs Gabbard and Nishihara, Vice Chairs Riviere and Wakai, and Members of the Committees:

The Chamber of Commerce Hawaii ("The Chamber") **opposes** SB 1109, which prohibits the use of polystyrene foam containers by food vendors beginning 1/1/18, unless: (1) the county in which the food vendor works has established a polystyrene foam container recycling program; or (2) DOH allows an exemption.

The Chamber is Hawaii's leading statewide business advocacy organization, representing about 1,400 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 **oppose** SB 1109 because it will raise the cost for both business and consumers without providing any major benefit and will impact jobs in the local manufacturing industry of FDA approved, food-grade food service containers. Creating a mandate for the use of compostable and other plastic containers stifles the free market place, where businesses and consumers have the right to choose among the various types of safe, FDA approved food service containers.

Thank you for the opportunity to testify.



Environmental Caucus
of the Democratic Party of Hawai'i

Testimony
SB 1109
Relating to Polystyrene Containers

Hearing Date: Wednesday February 8, 2017
Hearing Time; 1:15 pm
Place: Conference Room 224
Committee: Agriculture & Environment/Public Safety

Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM,

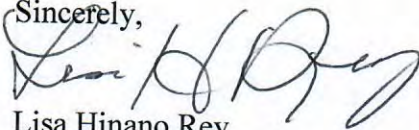
I, Lisa Hinano Rey, on behalf of the Environmental Caucus of the Democratic Party of Hawaii, as a member of the steering committee and a member of the Natural Resource Subcommittee of the Environmental Caucus of the Democratic Party of Hawaii want to urge that you vote in favor of SB 1109 to prohibit the use of polystyrene food containers by food vendors beginning January 2018.

The Environmental Caucus of Hawaii supports the protection of Hawaii's environment, its resources and natural beauty for the benefit of our communities, our visitors and for the benefit of future generations. The plastic pollution that is caused by polystyrene food containers in Hawaii is significant and must be curtailed as soon as possible.

It is also important to speak on behalf of the fragile ecosystems in Hawaii, including the threatened wildlife which must be protected from the undesirable consequences of polystyrene pollution and micro-polystyrene pollution. These micro plastics are becoming a part of the food web and are very dangerous to Hawaii's marine wildlife and birds.

The environmental caucus, along with our general membership, who voted in favor of this polystyrene ban, urges you to please vote in favor of this important bill.

Sincerely,



Lisa Hinano Rey
Female Representative to State Central Committee
Environmental Caucus of the Democratic Party of Hawaii

The Environmental Caucus of the Democratic Party of Hawaii hopes that you will join us in securing an environmentally sustainable future for Hawai'i and its Ohana.

627 South Street Honolulu, HI 96813
website: hawaiiGREENcaucus.org email: ecodemhi@gmail.com

Beach Environmental Awareness Campaign Hawai'i

P.O. Box 25284 · Honolulu · Hawai'i · 96825

(808) 393 2168 · www.b-e-a-c-h.org

DATE: 7th February, 2017

TO: Chair Gabbard, Chair Nishihara and Members of the joint committee on AE & PSM

FROM: Suzanne Frazer, President, Beach Environmental Awareness Campaign Hawai'i

RE: **TESTIMONY IN STRONG SUPPORT OF SB1109**
Prohibits the use of polystyrene foam food containers by food vendors
Committee hearing on Wednesday 8th February, 2017 at 1:15PM

Aloha Chair Gabbard, Chair Nishihara and Members of the joint committee on AE & PSM,

I am writing on behalf of Beach Environmental Awareness Campaign Hawai'i in strong support of SB1109 which bans the use of polystyrene foam food containers by food vendors starting 1/1/18. B.E.A.C.H. strongly encourages the committee to pass this bill.

Polystyrene or number 6 plastic, is one of the three most harmful plastics in terms of chemicals. Polystyrene is made from petroleum and contains benzene which is carcinogenic. It leaches styrene, a chemical that is toxic to the brain and nervous system and has been found to adversely affect red blood cells, liver, kidney, stomach and cause cancer in animal studies.

Styrene is released especially when the container or cup is subjected to heat, so styrofoam containers and cups are a very bad choice for hot food and drinks. Oily and acidic foods and drinks also facilitate the migration of styrene from the container into the food/drink.

Polystyrene food containers have also been shown to have estrogenic activity (EA) meaning that the chemicals from polystyrene act like a synthetic form of estrogen or block the action of naturally occurring estrogen in the body and therefore cause endocrine disruption. In humans, chemicals having EA can cause prostate and breast cancer and many reproductive health problems. Unborn children, babies and young children are especially sensitive to low doses of chemicals having EA.

In the polystyrene plastics industry, workers have been found to have higher incidences of cancer including leukemia and suffer from many adverse health effects from the inhalation of styrene. Styrene causes neurotoxicity and therefore affects people's nervous system and also impairs the immune system.

Polystyrene containers are also not good for the environment. Plastic does not biodegrade. It does not have a timeline for disappearing. Plastic lasts forever. When plastic gets into the ocean it accumulates additional poisons such as dioxins, DDT, DDE and other persistent organic pollutants (POPs). Styrofoam has been found inside of sea birds and fish. The ingestion of plastic not only causes blockages and starvation, but the animals and birds are harmed through the uptake of toxic chemicals such as styrene which leaches from the ingested plastic and accumulates in the

fatty tissues of the animal. Styrene is also found in the fatty tissues of humans. In a 1982 study by the EPA (the National Human Adipose Tissue Survey), 100% of Americans studied had styrene in their fatty tissues.

We need to do everything we can to reduce plastic on beaches and in the ocean in order to save marine life. Polystyrene cups, containers and pieces of styrofoam can and do blow and wash into the ocean which is why polystyrene containers and cups need to be banned. Polystyrene foam is lightweight, easily breaks into pieces and is wind blown. Picking up small broken pieces of polystyrene foam in wind at the beach is difficult. According to Dr. Anthony Andrady, out of all the types of plastic, number 6 - polystyrene breaks down quicker when in sea water.

There are good, compostable alternatives to polystyrene foam available that are made from sugar cane and other vegetable fibres that do not contain benzene, styrene or petroleum. We also recommend that people bring their own containers made of glass, stainless steel or ceramic for food and drinks.

Your leadership is needed to help protect the people of Hawai`i, visitors, marine life, the food chain and the environment from the harmful effects of polystyrene foam. Please take action to ban the use of polystyrene foam food and drink containers by food vendors. We would also like to see the ban include the sale of empty polystyrene containers by any vendor so as to completely eliminate polystyrene foam from the environment. Thank you.

Please accept this as written testimony in strong support of this bill.

Sincerely,



Suzanne Frazer.
President,
B.E.A.C.H.



*Celebrating a decade of volunteer
service and environmental action*

Beach Environmental Awareness Campaign Hawai'i is an all volunteer, non-profit organization that brings awareness and solutions to marine debris through environmental education, plastic reduction/litter prevention campaigns, and marine debris removal and research in order to protect marine life, sea birds and the ocean/coastal environment.

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To: Senator Mike Gabbard, Chair, and Members of Com. on Agriculture and Environment.

Senator Clarence K Nishihara, Chair, and Members of Com. on Public Safety

From: Victor Lim, Hawaii Restaurant Association

Subj: SB1109 Relating to Polystyrene Foam Containers

Date: February 3, 2017

The Hawaii Restaurant Association representing about 3,500 restaurants with about 90,000 food service jobs here in Hawaii opposes SB1109 that will ban polystyrene foam food containers.

For more than 50 years, the US Food and drug Administration have approved the use of polystyrene for food service products. Styrene, the material used in the manufacturing of polystyrene, is a naturally occurring substance found in common foods and beverages (notably beef, beer, and cinnamon).

Maui City Council had a task force led by council member Michael Victorino in 2014 found that Polystyrene materials comprise actually less than one percent of the waste stream entering the land fill. Here in Honolulu, 100% of this waste stream ends up at the H Power to be burned for fuel and doesn't enter any landfill.

In our current environment, businesses have choices as to which type of containers to use with different costs to go with the type of foods they sell. In Hawaii's highly diverse ethnic population and the varied types of foods offered, one will find that our local ethnic dishes usually go with heat and gravies, uses

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polystyrene containers primarily to hold the product integrity and safety in transporting.

We are all concerned about the beautiful Hawaii that we lived in and that's why in 2016, the Hawaii Restaurant Association along with many partners launched (Malama 808) to rally the industry to educate the general public and to make sure rubbish are disposed in the right places, Today, we are continuing with these efforts.

Thank you for giving us the opportunity to share our point of view and please let us know if we can be of help.

Aloha.

From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 12:07 PM
To: AEN Testimony
Cc: matt.johnson@sustainpromgmt.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Matt Johnson	Oahu Fresh	Support	No

Comments: Styrofoam is costing tax payers millions of dollars in cleanup costs as well as the environmental damage and human health effects associated with the toxicity of styrene. It's time for Hawaii to lead the way and create a cleaner environment for the State and an example for the rest of the World!

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

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Good afternoon everyone and thanks for coming. My name is Shannon Murphy, and I am the Vice President of Kaiser high school's beach clean up club, named Wipeout Crew. This is my first time ever testifying so I hope you understand how much I prepared for this.

I wanted to start off by saying that the ocean is my home- my love and passion. To see how humans negatively impact our environment is something I can't just watch, it's something I need to change. So far throughout the 2016-2017 school year, Wipeout Crew has collected 2,300 pounds of trash. Our latest cleanup was this Saturday at Makapu'u beach park. I was in charge of sifting through plastics and local trash located on the sand near the bushes. The sifting process is great for micro plastics that are more durable, but when it came down for me shaking out the sand, all I would see were tiny white pieces of styrofoam blowing out of my sifter with the wind. Those lightweight millimeter sized pieces were getting pushed deeper in the bushes. The only possible way to get it out would be to lay on your hands and knees and pick up piece by piece. That is absolutely unacceptable- especially for this time in history where technology is outstanding. Why are we still using products that damage our ecosystems?

I am here, speaking out to all of you, because this is my future: to the point where this issue is more important than school right now. I don't want to worry about my kids one day playing on the sand and being surrounded by nothing but debris. If we don't take action now with getting rid of styrofoam, my future will be heading down that path. My future won't be surrounded by dreams, but it will be haunted with the fact that styrofoam is this "convenience" for humans and nothing more.

Thank you for your time and consideration.

Aloha,
Shannon Murphy.

Monday, February 6th 2017

Re: Support of Senate Bill 1109 relating to Polystyrene

Chairs Gabbard and Nishihara, Members of the joint committee on AE and PSM:

My name is Sarah Rafferty and I am a resident of Kailua Kona, Hawaii. I am a member of the Kona Surfrider Chapter, but I am writing to you today on behalf of Big Island Divers, one of the largest dive operators on the Kona Coast. I am sharing with you several important reasons why our business supports Senate Bill 1109, a proposal to reduce the use of expanded polystyrene (EPS) food containers.

1) Use of EPS is entirely unnecessary.

There are many alternative products and materials that businesses can easily use in place of EPS. These alternatives can seal, hold liquid, and insulate hot food. Despite false claims, these materials are not cost-prohibitive for businesses to supply and use. Our business made the switch to using compostable containers last year, and our customers are pleased to see that they are spending dollars with a business that considers its own ecological footprint.

2) Waste management and marine-debris control are necessary.

This archipelago with a deep cultural history of respect for the land and sea happens to lie in the global cradle of marine debris. A massive portion of our local economy (dive operators, snorkel tours, surf instructors, commercial fisherman, aquarists, etc.) depends heavily on the health of our oceans. Big Island Divers alone took over 17,000 visitors in the ocean in 2016. Guests travel from all over the globe to enjoy Hawaii's natural resources, and our local economy benefits as a result. The trash on our beaches and our reefs- while not always locally produced- is now making national headlines. **We can no longer afford to play a contributing role in the production of litter in our state.** The trash on our beaches will inevitably affect local businesses, and needs to be addressed head-on by our local government. When thousands of pounds of debris wash onto our shores annually, there is no reason for us to spend money shipping more non-biodegradable waste to and from our islands.

3) The public has spoken.

In 2016, over 5,000 individuals signed my petition to the County Council of Hawaii Island to ban single-use EPS containers. At four hearings for this bill, the overwhelming majority was in favor, averaging 20 to 1. In 2011, a study conducted in Honolulu found that 81% of respondents were in favor of a ban on EPS takeout containers (Barnes, et al). As our elected officials in a democratic society you bear a responsibility to represent the citizens. It seems prudent to reassure the people of Hawaii that their voices matter more than those of corporate lobbyists.

4) These islands are worth it.

We are home to countless species, both endemic and endangered. We have miles and miles of

untouched coastline and world-class coral reef. Thousands of residents call this place home and would love for their future generations to have the ability to do so as well.

Thank you for the opportunity to testify, and for making choices that reflect an investment in the health and future of our island and community

Sarah Rafferty
Sales & Public Relations
Big Island Divers
(808) 329-6114
sarah@bigislanddivers.com

1) Petition, online: <https://www.change.org/p/william-kenoi-hawaii-county-department-of-environmental-management-hawaii-county-council-ban-single-use-eps-styrofoam-containers-in-hawaii-county>

2) M. Barnes, C. Chan-Halbrecht, Q. Zhang and N. Abejon, "Consumer Preference and Willingness to Pay for Non-Plastic Food Containers in Honolulu, USA," *Journal of Environmental Protection*, Vol. 2 No. 9, 2011, pp. 1264-1273. doi: [10.4236/jep.2011.29146](https://doi.org/10.4236/jep.2011.29146).

From: mailinglist@capitol.hawaii.gov
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To: AEN Testimony
Cc: toye19@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Tracey Seta	9Bar HNL	Support	No

Comments: Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM, My name is Tracey Seta and I am a resident of Honolulu, HI. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors.

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 12:56 PM
To: AEN Testimony
Cc: milholen.jennifer@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Jennifer Milholen	Styrophobia	Support	Yes

Comments: Aloha, my name is Jennifer Milholen. I live in Senator Laura Thielen's district. I am here to testify in SUPPORT of this bill. As long as any of us have been alive there has been a narrative that you cannot be pro-business and support environmental initiatives. The idea being that any measures that environmentalists wanted, had to be bad for business. This narrative persists today, and is reflected in the opposition to this bill. The main objections you hear are that non-foam alternatives cost so much more that it will inevitably send businesses into bankruptcy, that compostable or recyclable products don't hold up or aren't available, or even that some choose to use foam products because they create more energy in an incinerator. I have seen multiple County and State foam bills in Hawaii be dismissed because of the mere speculation that a business's costs might increase. Today, speculation is unnecessary, we have proof that businesses can still thrive while eliminating EPS foam. Since the Surfrider Hawaii Ocean Friendly Restaurant (OFR) program launched 8 months ago, over 120 restaurants who are foam free have already been certified, and the number is growing. OFR restaurants range from the large, like Kona Brewing Company, to the small, The Nook. These businesses serve to destroy that old narrative. Food vendors are demonstrating that they can choose the environmentally responsible option and still have your business thrive. In some cases, owners found that the compostable or recyclable options were just a few cents cheaper per unit, only bringing up costs less than \$100/month. In other cases, non-foam options were even cheaper to replace or discontinue entirely. The feedback is that every product they needed comes in a non-foam option, that they hold up well, and customers are thrilled that they no longer serve foam. For those restaurants claiming that they use foam because it creates more energy than other materials, it is flat out false. A fiber clamshell creates nearly twice as much energy than foam because it is 4 times denser and creates no toxic ash. Ultimately, what I hope comes across is that there are no more excuses or reasons to allow this toxic product to be distributed in Hawaii. I know that bans make people uncomfortable. We balk at anything that takes away choice. But, when it has been clearly, and irrefutably demonstrated through scientific study and observation that EPS foam escapes collection and litter control, that it is poisoning every level of our environment, and market forces have not worked to eliminate it from our world, then a

ban is the only effective option that remains. Please vote yes for this urgently needed bill. Mahalo. Jennifer Milholen

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

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Senate AEN/PSM Hearing
Weds. Feb. 8, 2017 – 1:15 pm
Room 224
SB1109, Relating to Polystyrene Foam Containers
Position: Oppose

Chairs Gabbard and Nishihara, and Members of Joint Senate AEN/PSM Committees:

I am Dexter Yamada, President of KYD, Inc. dba: K Yamada Distributors. Our company is a locally founded, family run business in Kalihi. KYD, Inc. began in the 1940's as a florist and a supplier of florist supplies. In 1958 we evolved into the packaging company we are today and later expanded into a distributor of many other fine products. KYD, Inc and its sister company, Hawaii Foam Products, LLC provide jobs to 100 men and women and contribute much to Hawaii's economy in the form of payroll and taxes. We locally manufacture and distribute food-grade expanded polystyrene food containers throughout the State.

Critics of food-grade EPS containers, or the foam plate lunch containers, continue to scare people that it is toxic and bad for the people and environment. SB 1109 targets the use of FDA approved, food-grade expanded polystyrene (EPS) food service containers based on misinformation.

For the record, I would like to correct misinformation presented about food-grade EPS food containers:

- 1) Critics of the EPS food service containers like to confuse Styrofoam™ with food-grade EPS food containers. Styrofoam™ is a Dow brand name for industrial use like insulation; packaging material. Styrofoam™ is not a FDA-approved food-grade product and is not used for food service containers.
- 2) Most people encounter styrene as part of their daily lives, though in small amounts in foods and beverages for produced synthetically. Scientific studies have shown that the small amounts of styrene consumers may be exposed to are not harmful; studies have also shown that, should exposure occur, styrene does not stay in the body for long and is rapidly metabolized and excreted.

Styrene, Food and Packaging	
Food/Beverage (No man-made styrene contact)	Styrene Levels Measured (parts per billion)
Cinnamon	170-39,000
Beer	10-200
Beef	5.3-6.4
Coffee Beans	1.6-6.4
Strawberries	0.37-3.1
Peanuts	1-2.2
Wheat	0.4-2

FOR COMPARISON:
 Styrene exposure level from a polystyrene cup:
5-10
 parts per billion



Cinnamon has the most styrene, 170-39,000 parts per billion compared to a foam cup, 5-10 parts per billion. See www.plasticfoodservicefacts.com/main/Safety/National-Toxicology-Program for more information about the safety of polystyrene food service containers.

Please see the attachment for more information and links about the safety of food-grade EPS.





- 3) A ban that singles out food-grade EPS food containers does little to reduce litter or ocean debris harmful to marine life and the environment. The composition of ocean debris has not been fully discussed. Marine and industrial plastics, surfboards, ice chests, coolers, etc are found in the ocean and contribute to debris, perhaps more than EPS foam containers.

The 5 most common items found during International Coastal Cleanup are plastic cigarette butts, food wrappers, plastic beverage bottles, plastic bottle caps, and plastic straws and drink stirrers. Plastics can enter into the ocean through ineffective or improper waste management, intentional or accidental dumping and littering on shorelines or at sea, or through storm water runoff. (Trash Talk: Marine Debris and Plastics, NOAA, Sept. 17, 2015)

A local, Big Island marine biologist said that 26-89% of the island's ocean debris is land-based sources: straws, wrappers, insulation, shipping containers, hot coffee cups, meat trays, saimin containers. EPS foam containers was about 1% of the debris.

Chelsea Rochman, an ecologist from US-Davis noted that a lot of ocean debris is "microplastic" or pieces smaller than 5 millimeters, whose source may be from facial scrubs, fibers shed by synthetic clothing in the wash, or eroded elements from larger debris. No EPS foam was mentioned.

- 4) SB1109 proposes an exemption to the EPS ban when the food vendors' county has an EPS recycling program that is capable of recycling 60% of EPS containers used annually.

There are currently no EPS recycling programs in any of the counties in Hawaii. So this would be by defacto an outright ban on food-grade foam containers.

Instead of a ban, we encourage constructive discussion with Maui and Kauai County about recycling of all single-use food containers, not matter what material it is made of. EPS recycling is done in other states. Dart Container Corporation directly operates or has partnered on more than 85 foam recycling programs in North America. These facilities receive foam from schools, businesses, and the public at large. Recycled polystyrene is used by manufacturers to make picture frames, base boards, crown molding, and many other products

Honolulu County and Hawaii Island County may not need to look at EPS recycling. Honolulu County welcomes all burnable trash, EPS and compostables, as feedstock for HPower. Further, BioEnergy Hawaii, a \$50 million waste separation and aerobic digestion facility in West Hawaii is pending. As a WTE facility, EPS food containers will be a welcomed feedstock as it is for HPower on Oahu since it burns at the highest BTU rate of 18.

As someone who has been in the business of packaging for all my life, I can say that compostable products are not always a better alternative. Compostables consume more raw materials, water and electrical use, shipping costs since there are no local compostable manufacturers, and there are no local commercial/industrial composting facilities.





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Compostable product cost comparisons vary, but are clearly higher. For example, an 8" square foam container costs \$19.00 case/200 containers; compostable containers for the same size costs about \$40.00 case/200 containers. Functionality of compostable containers often do not measure up to the foam plate lunch containers, in which compostable containers get soggy if foods with gravy, even fresh fruits and salad sit in it for too long a time.

The proposed ban on food-grade EPS food containers unnecessarily contributes to Hawaii's difficult business environment. We support the right of business and consumers to choose FDA-approved products they desire and are willing to pay for such products based on their personal beliefs and lifestyle.

Thank you for the opportunity to testify.





INFORMATION ABOUT FOOD-GRADE EXPANDED POLYSTYRENE DISPOSABLE PRODUCTS

- **FDA Determines Polystyrene Is Safe for Use in Food Contact Since 1958**

The federal Food and Drug Administration (FDA) strictly regulates all food packaging materials including polystyrene – from which components can reasonably be expected to migrate into food. For every food contact material, there must be sufficient scientific information to demonstrate that the use of the material is safe.

- Following manufacture of polystyrene, tiny amounts of styrene may remain in the polymer. So FDA evaluates the safety of the food contact material itself (polystyrene) and the safety of substances that can migrate into foods and beverages (styrene). The result of this evaluation is that FDA has approved polystyrene as safe for use in contact with food for decades.
- In 2013, the American Chemistry Council's Plastics Foodservice Packaging Group provided updated styrene migration data to FDA. <http://plasticfoodservicefacts.com/Safety-of-Styrene-Based-Polymers-for-Food-Contact>

The data show that current exposures to styrene from the use of polystyrene food contact products remain extremely low, with the estimated daily intake calculated at 6.6 micrograms per person per day. This is more than **10,000 times** below the safety limit set by FDA (the FDA's acceptable daily intake value of styrene is calculated to be 90,000 micrograms per person per day).

- **Harvard Center for Risk Analysis Concludes No Cause for Concern from Exposure to Styrene from Foods**

The Harvard study (2002) reported that styrene is naturally present in foods such as strawberries, beef, and spices, and is naturally produced in the processing of foods such as wine and cheese. The study also reviewed all of the published data on the quantity of styrene contributed to the diet due to migration from food-contact packaging. The scientists concluded that there is no cause for concern from exposure to styrene from foods or polystyrene used in food-contact applications, such as packaging and foodservice containers.

For More Information:

- Contact the [Plastics Foodservice Packaging Group \(PFPG\)](#) of the American Chemistry Council, (mike_levy@americanchemistry.com) for information on FDA reports referenced above.
- The Styrene Forum FAQ (Frequently Asked Questions), "[What about the safety of polystyrene food packaging?](#)"
- "A Comprehensive Evaluation of the Potential Health Risks Associated with Occupational and Environmental Exposure to Styrene", Harvard Center for Risk Analysis, Harvard School of Public Health, Boston, MA (*Journal of Toxicology and Environmental Health*, Volume 5, Number 1-2, January – June 2002), published quarterly by Taylor & Francis.

- **Food-Grade EPS Applications**

Food-grade expanded polystyrene is referred to as Expanded Polystyrene, EPS, Polystyrene Foam¹, and Foam Products. It's the material of choice for egg cartons, food take out containers, meat trays, disposable plates and disposable cups

- Lightweight





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- Maintains temperature/heat well
- Hygienic, prevents leakage of food and does not compromise the taste of the food
- Inexpensive

¹ Foam foodservice products are not Styrofoam. STYROFOAM™ is a registered trademark of The Dow Chemical Company that represents its branded building material products, including rigid foam and structural insulated sheathing, and more.

- **Life Cycle Inventory (LCI) of Foodservice Products Valuable Tool for Industry and Policy Makers**

A LCI is an analysis of the inputs and outputs of a given product system, a cradle-to-grave picture of a product's environmental attributes, from raw material extraction and manufacturing to post-use recover or disposal. It's easy to focus on a product's end of life since that's what consumers see---but the environmental footprint of any product includes all of its impacts, such as raw material use, resources used in manufacture, fuel use and emissions in transport and more.

The 2006 Foodservice Packaging LCI, a peer-reviewed study from Franklin Associates, Ltd, provides a comprehensive look at the energy and environmental performance of food servicing packaging products made with EPS, bleached paperboard or corrugated paperboard, including hot and cold beverage cups and sandwich "clamshells". It provides comparative information on air, water, solid waste and energy as well as a complete range of post-use options such as recycling, composting, land filling and waste-to-energy incineration. [http://www.dart.biz/web/envIRON.nsf/files/Franklin2006.pdf/\\$FILE/Franklin2006.pdf](http://www.dart.biz/web/envIRON.nsf/files/Franklin2006.pdf/$FILE/Franklin2006.pdf)

The 2011 Expanded LCI study summary can be found at

<http://www.americanchemistry.com/Media/PressReleasesTranscripts/ACC-news-releases/New-Study-Polystyrene-Foam-Cups-and-Plates-Use-Less-Energy.html>

The full peer reviewed study can be found at <http://plasticfoodservicefacts.com/Life-Cycle-Inventory-Foodservice-Products>



My name is Elizabeth Elkjer and I am the Director of Marketing at Sustainable Island Products, and I have my Master's Degree in Global Leadership and Sustainable Development from Hawaii Pacific University. I am here in support of Senate Bill 1109. Sustainable Island Products is located right here on the Big Island and is a family owned and operated business that first began selling compostable disposable products in 2007 and now serves over 300 customers. My parents purchased the business in October of 2015 and we have since seen a substantial growth. We attribute this growth to a changing in our island consciousness. People are beginning to think about the future and that their daily choices will determine what our planet will look like in a few years. As a company, we have the most diverse inventory of compostable products in the state and we are constantly bringing in new items that have been requested by our customers, from cups and plates, to sushi trays and grocery packaging we carry products for all current consumers of polystyrene, to seamlessly transition to compostable products.

In our daily interactions with local businesses, we often hear the sentence, "Compostables are simply too expensive." And although that may have been true in the infancy of compostable packaging, the increase in demand for compostable products has driven the cost down substantially enabling them to be competitively priced. Additionally, many of our customers have seen an increase in profitability after switching to our products because their clients want to support businesses that believe in sustainability. We even have a number of individuals, not businesses, that purchase to-go containers to bring with them to local establishments that are currently using polystyrene and give those containers to them to package their food in because they are so strongly against using polystyrene for both environmental as well as health reasons.

Our compostable products require less energy to produce than their polystyrene counterparts, they are non-toxic and non-polluting, and they are made from agricultural by products and renewable resources. This means that regardless of whether or not our island has commercial composting facilities in place, compostable products are still better for the planet from start to finish.

We are living on this planet as if we have another one to go to. It is time to make choices that will save our future, not destroy it.

Thank you,

Elizabeth Elkjer

Director of Marketing
Sustainable Island Products
elizabeth@sustainableislandproducts.com
808.936.1415

From: mailinglist@capitol.hawaii.gov
Sent: Sunday, February 5, 2017 2:54 PM
To: AEN Testimony
Cc: sskach@hfcahawaii.org
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/5/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Samantha Skach	Individual	Support	No

Comments:

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Cc: kuhela@hawaiiantel.net
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/5/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Kevin Burns	Individual	Support	No

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From: mailinglist@capitol.hawaii.gov
Sent: Saturday, February 4, 2017 10:47 PM
To: AEN Testimony
Cc: freundtheresa@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/4/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Theresa Freund	Individual	Support	Yes

Comments: Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM, My name is Theresa Freund and I am a resident of Nuuanu. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. It is our responsibility to care for the land we live on and we cannot continue to produce the large amounts of trash we are currently producing. I regularly volunteer at beach clean ups and it makes me so sad to see the large amounts of plastic that are on the beach and end up in the ocean. Most of this plastic comes from single use containers. They were used only once for one meal and then they end up in a landfill or on a beach or the ocean where they threaten wildlife and the environment. EPS is designed to be used it once, and according to the US EPA less than 1% of foam is recycled nationally. 0% of EPS Foam is recycled locally. EPS Foam also breaks apart more easily and quicker than other plastics, making it more difficult to clean up than other plastics and easier for animals to mistake as food and ingest. There are so many better alternatives such as compostable fiber containers or reusable containers. SB1109 is an important step in the direction of reducing waste by prohibiting the use of polystyrene foam containers. I ask you to please support this bill.

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To: AEN Testimony
Cc: j.bobich@tcu.edu
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/4/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Joseph A. Bobich	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Saturday, February 4, 2017 10:06 AM
To: AEN Testimony
Cc: rebecca.a.pang@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/4/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Rebecca Pang	Individual	Support	No

Comments:

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Sent: Saturday, February 4, 2017 7:26 AM
To: AEN Testimony
Cc: asalehi@hawaii.edu
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/4/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Aida Salehi	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
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To: AEN Testimony
Cc: metroben@me.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/4/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Ben Robinson	Individual	Support	No

Comments: Aloha! I'm writing in support of SB 1109; statewide ban on polystyrene foam food containers. As a collective unit, organizations that use these types of containers will not move forward to rid the state of these outdated wasteful products on their own, we need legislation that guides Hawaii in the right direction and bans polystyrene foam food containers. This is not a hardship on business or the consumer; its a migration to a sustainable future. Move Hawaii forward - pass a statewide ban on these containers. Mahalos!

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From: mailinglist@capitol.hawaii.gov
Sent: Friday, February 3, 2017 11:06 PM
To: AEN Testimony
Cc: ktmenten@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/3/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Katie	Individual	Support	No

Comments:

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Sent: Friday, February 3, 2017 11:56 AM
To: AEN Testimony
Cc: ntwhite90@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/3/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Nathaniel White	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Friday, February 3, 2017 11:54 AM
To: AEN Testimony
Cc: rippeddisc@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/3/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Aaron Feinberg	Individual	Support	No

Comments: As a state we have been forward thinking with energy, moving toward renewables, now it's time to continue that with removing unnecessary nonbiodegrading styrofoam. Thank you!

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SB 1109 Testimony:

Hearing Date: Wednesday February 8th, 2017

Hearing Time: 1:15 PM

Place: Conference Room 224

Committee: Agriculture & Environment/Public Safety Intergovernmental, & Military Affairs

Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM,

My name is Joshua Carpenter and I am a resident of Palolo Valley in District 1. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors.

I've been living in Hawaii for a couple of decades and it's upsetting that we have not done more to protect our home. Land is limited in Hawaii and as such pollution and waste affect each and every one of us to a greater degree than most anywhere else in the world.

Regarding this bill, I'm constantly reminded about how little we act as stewards of this great island when I see places like L&L and the various other plate lunch restaurants utilizing Styrofoam, a substance that we already know is bad for the environment that we can't even recycle on our tiny island, used day in and day out. To make matters worse some restaurants have even decided to use it for their dine in patrons like Niko's. What is the matter with this picture?! If the answer to this question isn't obvious than perhaps it's time for everyone to indulge in some deep introspection.

I hear arguments from some people saying that you can't have plate lunch without Styrofoam and that is just ridiculous. The food makes the plate lunch... not the Styrofoam.

I've also heard others saying that you can burn it at HPower but even if you managed to capture the toxic chemicals emitted upon incineration I can't for the life of me wonder how the resultant toxic ash ending up in our very own landfills is any better.

Many restaurants have already made the right choice to use alternative containers that are better for the environment. Many other cities around the country have already banned what is obviously bad for their community.

Please make the right choice and support the ban on the use of polystyrene containers by food vendors. Make the right choice based on your need to protect the environment. More importantly, make the right choice because it will protect your people.

Thank You,

From: mailinglist@capitol.hawaii.gov
Sent: Friday, February 3, 2017 2:11 AM
To: AEN Testimony
Cc: brenneree@hotmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/3/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Erin Brenner	Individual	Support	No

Comments:

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Sent: Friday, February 3, 2017 12:54 AM
To: AEN Testimony
Cc: mkamohalii@yahoo.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/3/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
sedrika anuhealii	Individual	Comments Only	No

Comments: Please consider banning this product. It is not good for us to leave so much avoidable trash in the world of our future generations. For just the convenience of a few minutes, it's not worth it. We need to move into a culture of carrying our own reusable food containers.

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To: AEN Testimony
Cc: plentovi@hawaii.edu
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/2/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Sheldon Plentovich	Individual	Support	No

Comments: Please vote yes to support the bill banning the use of single use non-biodegradable foam on Oahu. Why would we use anything non-biodegradable when there are viable alternatives? Please vote to support environmental health and vote yes on this bill.

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**Senate Bill 1109: Relating to Polystyrene Foam Containers
In Strong Support**

Hearing Date: Wednesday February 8th, 2017

Hearing Time: 1:15 PM

Place: Conference Room 224

Committee: Agriculture & Environment/Public Safety Intergovernmental, & Military Affairs

Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM,

My name is Jordan Fahmie and I am a resident of Palolo Valley. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors.

I work as an engineering consultant and have a strong understanding of how waste is generated, collected, and disposed. I also live a waterman lifestyle, spending a lot of time surfing, fishing, and diving. My home is adjacent to the Palolo Stream, so I also witness how waste is unintentionally conveyed from mauka to Makai. Additionally, I work in the downtown area, and witness the incredible volumes of Styrofoam containers that are temporarily used and discarded each day. Many people are not inclined to consider waste management implications when buying their takeout lunch.

We can all agree that we would like to reduce pollution. We may disagree on how to achieve that goal. I am testifying because banning foam would effectively eliminate this product from the waste stream, of which, some percentage will always end up as litter.

Please consider passing this bill, because it would help keep our island more clean for my family, friends, and neighbors, and would allow our natural (and manmade) systems to continue to function.

Here are some interesting bullet points on the issue:

- Styrofoam clamshell containers are not the only vessel for eating plate lunch. I have effectively eaten meals such as akule, kalua pig, rice, and poi on items such as noni leaves and even compostable clamshell containers.
- If burned at H-POWER, one compostable clamshell burns 1.76 times greater energy compared to one EPS Foam clamshell of the same size. And burning compostable products come without the toxic ash or smoke that EPS foam creates in the burning process.
- Fiber clamshells are also less than half the volume of EPS, so a restaurant could fit about twice as many clamshells on the same amount of shelf space or have more space for other things.
- Hawaii State Department of Transportation has produced a trash plan that shows styrofoam and plastic bags as the top two contributors to the waste stream.¹

¹ http://www.stormwaterhawaii.com/swmp_wp/wp-content/uploads/2014/10/Trash-Reduction-Plan_FINAL-10-18-16.pdf

From: mailinglist@capitol.hawaii.gov
Sent: Thursday, February 2, 2017 12:53 PM
To: AEN Testimony
Cc: patemaile@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/2/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
maile hoshino	Individual	Support	Yes

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Thursday, February 2, 2017 12:36 PM
To: AEN Testimony
Cc: maegan.wilber@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/2/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Maegan Ruggles	Individual	Support	No

Comments: Aloha, I volunteer with the Surfrider Foundation and have become aware of the desperate need to ban Styrofoam. We live on a small island, and must be vigilante in protecting against unnecessary pollution. There are plenty of recyclable options. Best, Maegan Ruggles

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To: AEN Testimony
Cc: surfchris@hotmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/2/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Chris Lounsbury	Individual	Support	No

Comments: No more styrofoam/polystyrene in Hawaii!!!

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To: AEN Testimony
Cc: ajmelone@hawaii.edu
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/2/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Angelica Melone	Individual	Support	No

Comments:

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Devin Thomas Moody
Old Kalaniana'ole Rd.
Kailua HI 96734
devindega@yahoo.com
808-265-2622

I am in support of SB1109.

I support the ban on polystyrene food containers as I see them as one of the single most wasteful and environmentally devastating products for our Islands. Consider the fact that a meal, that takes approximately 30 minutes to consume, will create a footprint that will last for generations. I think even the biggest skeptics would have to agree, that makes little sense. Now, consider the fact that we live on an island, with limited land and everything is in proximity to the oceans, waterways and where people live and play. This makes the idea of putting them in our landfills, a short-term and short-sited option. We can burn our trash, at H-Power, but the energy and pollution required to create Styrofoam and then burn it, is not equal to the output and burden on our climate. We can ship the problem to the mainland, but then, we're burning more fuel and paying high prices.

This creates a serious dilemma, until you realize that there are plant fiber containers that can readily be utilized and easily composted. So even for the percent of waste that doesn't make it to our landfills, blowing out of trashcans and eventually into our waters, there will be no toxins released and they will decompose in a matter of weeks.

I personally convinced the owners of a plate lunch restaurant in Kailua to try the plant fiber clamshells. Their immediate reaction was suspicious, assuming they would not work well and would cost much more. I was able to contact a local supplier called Premium, Inc. and their plant-based containers were actually cheaper than polystyrene! The company delivered at no charge and so has actually saved the restaurant owners time and money. When the solution is this obvious, why do we still have a problem?

From: mailinglist@capitol.hawaii.gov
Sent: Thursday, February 2, 2017 10:33 AM
To: AEN Testimony
Cc: hodge808@hawaii.edu
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/2/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
jessica Hodge	Individual	Support	Yes

Comments: As a born and raised O'ahu resident I have watched our island change over the last 21 years. I have worked in small business and large corporate level jobs and seen how much waste is produced. While working in the restaurant industry I have witnessed the excessive use of styrofoam like it was nothing. As well as seeing it end up on our beautiful beaches causing death to marine life, clogging storm drains, and over all an eyesore for residences and tourists. I support this bill because I want my children to grow up on styrofoam free beaches.

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From: mailinglist@capitol.hawaii.gov
Sent: Wednesday, February 1, 2017 10:31 PM
To: AEN Testimony
Cc: napela1@yahoo.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/1/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Heather Williams	Individual	Support	No

Comments: Dear Senators, I wholeheartedly support a polystyrene ban. Please, let's stop using styrofoam at food establishments! And let's encourage people to bring and use their own reusable containers whenever possible. Mahalo for your time. With aloha, Heather Williams

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From: mailinglist@capitol.hawaii.gov
Sent: Wednesday, February 1, 2017 7:54 PM
To: AEN Testimony
Cc: Dwamoto@hawaii.edu
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/1/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Daniel Amato, PhD	Individual	Support	No

Comments: As an expert in coral reef science, styrene is a major environmental issue here in hawaii and world wide. It os also a health issue. Styrene is reasonably anticipated to be a human carcinogen and a confirmed animal carcinogen as reported by the National Institute of Health in their Report on Carcinogens (2011); this conclusion is also endorsed by the National Academy of Sciences (2014). Environmental clean up costs are very high and additional costs to buisnesses. Please do the right thing snd support a polystyrene free Hawaii!

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Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM,

My name is Rachael and I am a resident of Palolo Valley on Oahu. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors.

Expanded polystyrene foam is unquestionably detrimental to the environment and public health. I am an active surfer, beach-goer and volunteer with beach cleaning nonprofits and have experienced first hand the presence of polystyrene in the marine and nearshore environment. Polystyrene pollution concerns me on two notions: First, it is easily mistaken as food and ingested by marine animals, styrene is a confirmed animal carcinogen as reported by the National Institute of Health in their Report on Carcinogens (2011); this conclusion is also endorsed by the National Academy of Sciences (2014). Second, it is reasonably anticipated to be a human carcinogen, and happens to be a primary vessel for take out food, making it a direct impact on human health.

From: mailinglist@capitol.hawaii.gov
Sent: Wednesday, February 1, 2017 7:50 PM
To: AEN Testimony
Cc: David@villadurazzo.net
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/1/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
David Durazzo	Individual	Support	No

Comments: I constantly see Styrofoam trash when I go to the beach or drive around the island. I worry about these chemical compounds e Are entering our food or water streams

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**Senate Bill 1109: Relating to Polystyrene Foam Containers
In Strong Support**

Hearing Date: Wednesday February 8th, 2017

Hearing Time: 1:15 PM

Place: Conference Room 224

Committee: Agriculture & Environment/Public Safety Intergovernmental, & Military Affairs

Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM,

My name is Shannon Rivera and I am a resident of Honolulu Hawaii. I am writing in full support of SB1109 **to prohibit** the use of polystyrene foam containers by food vendors. I wish this ban would extend to all commercial retailers.

I am shocked that products negatively effecting the economy, human health, not to mention environmental health is legal. We will be looking back at this decision in (hopefully) a few years from now in disbelief that we allowed such a detrimental material to be freely displaced in our world. I cannot stress enough at the importance of this bill, of this time in history. I am looking forward to seeing my representatives take the right side of this historical legislation.

From: mailinglist@capitol.hawaii.gov
Sent: Wednesday, February 1, 2017 7:38 PM
To: AEN Testimony
Cc: Biomusicologistics@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/1/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Ilana Nimz	Individual	Support	No

Comments: Styrofoam is harmful to the environment as it is persistent and may enter the food chain as it breaks down. Minimizing styrofoam in Hawaii will benefit this unique ecosystem. Many styrofoam alternatives are available that are affordable and biodegradable.

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From: mailinglist@capitol.hawaii.gov
Sent: Wednesday, February 1, 2017 7:37 PM
To: AEN Testimony
Cc: kelly.kristen13@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/1/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Kristen Kelly	Individual	Support	Yes

Comments: Plate lunch containers litter our shore lines daily. Polystyrene is one of the most commonly used packaging material in Hawaii. There are usually not even "eat in" options to not use styrofoam containers. It is especially important under this new administration to take care of our environment on a local level. Let Hawaii be an example. Aloha

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From: mailinglist@capitol.hawaii.gov
Sent: Wednesday, February 1, 2017 7:35 PM
To: AEN Testimony
Cc: kmt.amos@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/1/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Kelsey Amos	Individual	Support	No

Comments: I support banning polystyrene; we need to protect the health of our ocean, land, and ecosystems.

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From: mailinglist@capitol.hawaii.gov
Sent: Wednesday, February 1, 2017 5:14 PM
To: AEN Testimony
Cc: ashley.decoligny@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/1/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Ashley de Coligny	Individual	Support	No

Comments:

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As a concerned citizen, I support this ban on the use of Styrofoam by food vendors - not only is Styrofoam bad for the environment, it has health implications for people who consume the food that is packaged in it, especially if the food is hot, like soup. There are other packaging materials that are safer and more environmentally friendly than Styrofoam (paper, reusable containers, biodegradable packaging made out of plants).

Below is an example of an alternative use of Styrofoam for takeout, bring your own containers! I usually call the restaurant asking are they willing to place the food I am buying in my own containers – which I can vouch 100% as clean and safe!

I used a “curry tiffin” or food carrier that is made out of steel. It’s a very stylish, convenient and environmentally friendly way to buy takeout!



We live in one of the most beautiful and pristine places on earth, do we really want more plastic and Styrofoam destroying our waterways, beaches and oceans? I understand the opposition from small businesses that claims this ban will increase their cost of doing business but this is a very short sighted view. Tourists do not pay thousands of dollars to visit Hawaii and swim in an ocean full of plastic and Styrofoam debris. In fact, businesses and food establishments can use this ban on Styrofoam to create a new income stream – the sale of reusable containers, just like how grocery stores are selling reusable grocery bags for people who forget to bring their own bags. For the sake of our environment and for future generations, please ban the use of Styrofoam in food packaging - let's put people and Mother Earth ahead of money and profits. Mahalo,
Liza Nordin

From: mailinglist@capitol.hawaii.gov
Sent: Wednesday, February 1, 2017 4:43 PM
To: AEN Testimony
Cc: heidibetter@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/1/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
heidi better	Individual	Support	No

Comments: Please ban styrofoam containers! It is killing the ocean and is unnecessary. There are many earth friendlier options and we need to care about the Aina.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, January 31, 2017 11:08 AM
To: AEN Testimony
Cc: haleyrandell9@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 1/31/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Haley Randell	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, January 31, 2017 11:07 AM
To: AEN Testimony
Cc: haleyrandell9@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 1/31/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Haley Randell	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, January 30, 2017 8:33 AM
To: AEN Testimony
Cc: richardfurst@yahoo.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 1/30/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Richard Furst	Individual	Support	No

Comments: I strongly support a full statewide ban on styrofoam container use. There are so many better alternatives to foam containers that do not have the negative environmental impacts. It is time for Hawaii to lead the push to better, sustainable choices!

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, January 30, 2017 8:18 AM
To: AEN Testimony
Cc: babyjean@hotmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 1/30/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Ronnie Perry	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Sunday, January 29, 2017 8:33 PM
To: AEN Testimony
Cc: janicem@lava.net
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 1/29/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Janice Marsters	Individual	Support	No

Comments: As an environmental scientist working in Hawaii, I have seen firsthand the damage to our environment caused by polystyrene foam containers. Polystyrene foam is a solid waste and a storm water issue, as these containers are an unsightly blight on our landscape, clog storm drains, and break down to pollute our oceans. I avoid restaurants that use them, and I believe many other people who care about our environment feel the same. I think that most people would be willing to pay a few more cents for their take-out containers to rid our environment of these toxic materials. I urge you to support this bill. Thank you.

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From: mailinglist@capitol.hawaii.gov
Sent: Sunday, January 29, 2017 5:47 PM
To: AEN Testimony
Cc: mmchau@hawaii.edu
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 1/29/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Marian M. Chau	Individual	Support	No

Comments: I support a ban on polystyrene foam containers! They are extremely harmful to our environment, especially our vulnerable islands.

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From: mailinglist@capitol.hawaii.gov
Sent: Sunday, January 29, 2017 3:44 PM
To: AEN Testimony
Cc: mendezj@hawaii.edu
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 1/29/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Javier Mendez-Alvarez	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Sunday, January 29, 2017 3:10 PM
To: AEN Testimony
Cc: ndavlantes@aol.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 1/29/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Nancy Davlantes	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Saturday, January 28, 2017 4:02 PM
To: AEN Testimony
Cc: vijaya.tummala@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 1/28/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Vijaya	Individual	Support	No

Comments: I support this bill banning polystyrene foam food containers to protect human health and environment of the State of Hawaii.

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From: mailinglist@capitol.hawaii.gov
Sent: Friday, January 27, 2017 5:26 PM
To: AEN Testimony
Cc: pulermq@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 1/27/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
RuthMarie Quirk	Individual	Support	No

Comments:

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Jennifer Huebert

2522 Date Street, Apt. 1001

Honolulu, Hawaii 96826

Testimony of Jennifer Huebert

IN SUPPORT OF SB1109, A BILL FOR AN ACT RELATING TO POLYSTYRENE FOAM CONTAINERS

Before the Senate COMMITTEE ON AGRICULTURE AND ENVIRONMENT and the

COMMITTEE ON PUBLIC SAFETY, INTERGOVERNMENTAL, AND MILITARY AFFAIRS, Feb 8, 2017 1:15 PM

This bill proposes to ban the use of polystyrene containers by food vendors in the state of Hawaii (with several exceptions). I strongly support this initiative. Polystyrene is not biodegradable, and no recycling facilities in the state will accept it. This material breaks into small lightweight pieces that can be found all over the islands, from inland roads to beaches. I have participated in beach cleanups on Oahu, and note that polystyrene fragments commonly wash up onshore. I have seen countless foam containers of half-eaten food strewn around trash cans, as they are very light weight and easily scavenged by birds. Polystyrene foam litter is a nuisance, and it should be banned in our state with no exceptions. There are numerous other options for food vendors to choose from, and many socially responsible restaurants have already switched to paperboard or recyclable plastic containers. There is simply no need for polystyrene foam containers to be used in Hawaii.

From: mailinglist@capitol.hawaii.gov
To: [AEN Testimony](#)
Cc: lbarton2@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM
Date: Friday, February 3, 2017 4:11:25 PM
Attachments: [SB1109 Testimony LowellBurton.pages](#)

SB1109

Submitted on: 2/3/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Lowell Burton	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
To: [AEN Testimony](#)
Cc: morgan.bonnet@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM
Date: Thursday, February 2, 2017 12:27:57 PM

SB1109

Submitted on: 2/2/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Morgan Bonnet	Individual	Support	No

Comments: I strongly support this bill as Styrofoam food containers, used in great numbers for plate lunch, are a threat to the ocean and the fragile Hawaii ecosystem. It already exists environmentally friendly alternatives that should be used instead. See attached picture. This is a picture of the food container I got with my lunch from Red Ginger in Manoa!

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From: [Heather W.](#)
To: [AEN Testimony](#); [PSMTestimony](#); [JDLTestimony](#); [WAM Testimony](#)
Subject: SB1109
Date: Wednesday, February 1, 2017 10:36:00 PM

SB1109 RELATING TO POLYSTYRENE FOAM CONTAINERS.

Prohibits the use of polystyrene foam containers by food vendors beginning 1/1/18, unless: (1) the county in which the food vendor works has established a polystyrene foam container recycling program; or (2) DOH allows an exemption.

I am writing to wholeheartedly and respectfully request that we ban the use of polystyrene containers by food vendors in Hawaii. We don't have the space for this non-recyclable item in our landfill. It is made of harmful chemicals. And it affects our animal life and, in turn, us.

Please encourage Hawaii's citizens to bring their own reusable containers as much as possible.

Mahalo for your time. If you have any questions please don't hesitate to let me know.

With aloha,
Heather Napela Williams

From: mailinglist@capitol.hawaii.gov
Sent: Sunday, February 5, 2017 5:12 PM
To: AEN Testimony
Cc: cchaudron08@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/5/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Camila Chaudron	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 6, 2017 4:44 PM
To: AEN Testimony
Cc: mranders@hawaii.edu
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Madeleine Anderson	Individual	Support	No

Comments: Foam is both an environmental concern and a public health issue. Please consider the effects of Hawai'i's people foam has by way of the chemicals used in the foam, that can get into food. Additionally it's dangerous for individuals and communities to breath the fumes from the making of foam.

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 6, 2017 4:43 PM
To: AEN Testimony
Cc: proctors@hawaii.edu
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Sydney Proctor	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 6, 2017 4:18 PM
To: AEN Testimony
Cc: robyn.c.smith@maine.edu
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
robyn smith	Individual	Support	No

Comments: Ummm duh, are we still arguing about this. I obviously support this and you really should too because we don't need anymore Styrofoam in the ocean. Thank You.

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 6, 2017 4:08 PM
To: AEN Testimony
Cc: herrmannkyla@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Kyla Herrmann	Individual	Support	No

Comments: My name is Kyla and I am a resident of honolulu, and I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. It is time to correct our choices in using foam since it is detrimental to our environment, health and economy. Please see reason in passing SB1109.

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From: mailinglist@capitol.hawaii.gov
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To: AEN Testimony
Cc: jmccay@hotmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
James McCay	Individual	Support	No

Comments: Aloha and thank you for your time to hear, and support, this Bill. I am strongly in favor of this bill SB1109 passing. Ever since coming to Hawai'i almost 6 years ago, I've probably averaged one official beach clean event each month (via Surfider Foundation Oahu, Sustainable Coastlines Hawai'i, Kokua Hawai'i Foundation, the Sierra Club, 808 CleanUps, Waikiki Aquarium, and other great organizations). There is not ONE time that I was not cleaning up pieces of broken foam food containers. This is a frankly an embarrassment to Hawai'i and its traditional value of malama aina. It's also counter-intuitive to keeping Hawai'i beautiful and desirable and maintaining the incredible tourist income for the local community. So while the oil and foam industry will of course fight this Bill, and inspire some food vendors to do the same, sanity knows we have to stop these lazy and short-sighted habits. Just look now to India who have finally taken a step in this right direction. Please let Hawai'i move forwards and protect what we are able now. These moves are increasingly needed now more than ever as we will see ocean trash on shores for years from what we've already put in it. Please support BS1109 and help keep our oceans and lands free of toxic trash. Mahalo, James McCay 2957 Kalakaua Ave, Honolulu, HI 96815

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Testimony in SUPPORT of SB1109

Dear Sen. Gabbard, Sen. Nishihara and members of the committee on Agriculture and Environment and the committee on Public Safety, Intergovernmental, and Military Affairs:

My name is Kaily Wakefield, I am a third year law student at the William S. Richardson School of Law and I support SB1109.

The use of styrofoam has been studied and found to be costly to cleanup, negatively impact the environment, and can be detrimental to human health. Foam is light weight and can easily blow out of trash cans and trash collection trucks causing it to end up in our stormwater runoff systems, along our beaches, and in the ocean. Across the country, it is costly to clean up, and Hawaii is no different. According to cleanup hours recorded across Hawaii's beach cleaning organizations and volunteer hour base rates, we spent \$750,000 – \$1 million on beach cleanups in 2016 alone.

Some argue that styrofoam is acceptable because we can incinerate it for energy. However, this approach is not without significant impacts. According to the Hawaii DOH Clean Air Branch the Covanta H-POWER plant emits 0.15 million metric tons of carbon dioxide (a potent greenhouse gas) annually. Although touted as a “clean energy solution” for Hawaii, H-POWER only generates about 3% of Oahu's energy needs while still emitting greenhouse gases through burning plastic.

Further, for each ton of polystyrene not produced, 2.5 metric tons of carbon dioxide emissions are avoided. This directly supports Hawaii's greenhouse gas reduction goals as stated in the Aloha + Challenge and as mandated by the US EPA. If burned at HPower, one compostable clamshell burns 1.76 times greater energy compared to one EPS Foam clamshell of the same size. And burning compostable products come without the toxic ash or smoke that EPS foam creates in the burning process. Alternative products can be manufactured in state, using healthier alternative materials, which would create more local jobs and cut down on carbon emissions from shipping.

Human health is compromised by the use of polystyrene. Styrene is reasonably anticipated to be a human carcinogen and a confirmed animal carcinogen as reported by the National Institute of Health in their Report on Carcinogens (2011); this conclusion is also endorsed by the National Academy of Sciences (2014). When combusted, styrene produces benzaldehyde (US EPA classifies this as a hazardous substance), acetophenone (Group D carcinogen by US EPA, causes chromosomal damage on hamsters, but hasn't been tested in humans), styrene oxide (main metabolite of styrene, which is known as carcinogenic).

I support SB1109, and ask that this bill be passed for the benefit of our economy, environment, and health.

Thank you for your time and consideration.

Sincerely,
Kaily Wakefield

From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 6, 2017 3:52 PM
To: AEN Testimony
Cc: tboh18@yahoo.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Ted Bohlen	Individual	Support	No

Comments: As a Honolulu resident, I strongly support this bill for four main reasons: human health, animal health, environment, and costs. Polystyrene leaches carcinogens that endanger human health. This light material blows into waterways and breaks down easily, endangering all kinds of marine life that think it is food. Styrofoam litter despoils the beautiful pristine environment on which our recreational economy depends; Hawaii uses more styrofoam per capital than any other state. Finally, the costs of removal of styrofoam from storm sewers and waste streams is enormous. The additional cost of sustainable substitutes are insignificant compared to the above benefits. Please ban this plastic garbage!

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Cc: bmcd63@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Elizabeth McDermott	Individual	Support	No

Comments: I spend a lot of time in the ocean and nearly every time I'm on the windward coast, where winds and currents push much of it ashore, I am swimming through styrofoam waste, or stepping over reams of it embedded in the sand. In a single day at Makaapu`u some months ago I picked up two entire garbage bags full of plastic and styrofoam waste. It's time for Hawai`i to kick styrofoam out of our waste stream. Completely. That includes burning it, which only converts it into another kind of poison, toxic emissions. So many retailers have already made the switch. Styrofoam is ugly, it harms our wildlife, and comes back around to harm us when we ingest the fish swallowing this stuff. Hey and who can stand the sound of foam rubbing together? Grimace. Add that to the numerous benefits of ridding Hawaii of this hazard once and for all!

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Sent: Monday, February 6, 2017 2:55 PM
To: AEN Testimony
Cc: kailanitakahashi@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Kailani Takahashi	Individual	Support	Yes

Comments: I support this bill because I believe that styrofoam is harming us more than helping us. Styrofoam is made of oil and a toxin that attracts other chemicals and plastics to it. Styrofoam also expands in the water and fish mistake it for food. I also support this bill because styrofoam is light and can blow away and even when we throw it away it can still blow away when it goes to the landfill or in the trash.

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Sent: Monday, February 6, 2017 2:52 PM
To: AEN Testimony
Cc: awesomeriku3@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Riku Iwai-King	Individual	Support	Yes

Comments: I am in support of SB1109 because styrofoam has basically eroded our storm drains and caused flooding and death to marine and freshwater organisms.

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Hans Schippers
Testimony 2/7/17
SB1109

To Whom It May Concern:

My name is Hans Schippers and I am testifying on behalf of Surfrider Foundation Oahu. As an environmental advocate and a citizen in the State of Hawaii, I strongly agree that Styrofoam should be banned from the state to further protect this tropical oasis. Like other single use plastics, expanded polystyrene foam (EPS), is damaging Hawaii's waterways, oceans, and landscape. I personally have seen this case at Waimanalo Beach where sea turtles were surrounded and trapped by single use plastics and Styrofoam. This will only worsen with the ever growing population. Please consider what we purpose.

Aloha

From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 6, 2017 2:50 PM
To: AEN Testimony
Cc: lalalynn118@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Alana Miguel	Individual	Support	Yes

Comments: I support this because styrofoam can cause malnutrition to marine life. Styrofoam can also releases toxins and that pollutes the water around it.

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 6, 2017 2:50 PM
To: AEN Testimony
Cc: lucy.fagan@gmail.com
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SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Lucy Fagan	Individual	Support	Yes

Comments: I support this bill, I believe styrofoam is doing more bad then good this light weight plastic is too easy to float away to are ocean and harm our marine life. I want to in 50 years to see a healthy ocean with healthy fish and sea life not a suffocated ocean. On one last note styrofoam does nit go away whatever is already there stays so we need to stop using it now.

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To: AEN Testimony
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Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Sydnee Lum	Individual	Support	Yes

Comments: I support this bill because I like our oceans. I don't want all are fish to die and have are ocean be a pile of trash. That is what will happen if we don't ban styrofoam. It is not like you have to carry your food around in your hands, they're much better healthier options.

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Sent: Monday, February 6, 2017 2:49 PM
To: AEN Testimony
Cc: miliamccoy@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Milia McCoy	Individual	Support	Yes

Comments:

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To: AEN Testimony
Cc: aikoarravilla@icloud.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Aiko Enomoto	Individual	Support	Yes

Comments:

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Sent: Monday, February 6, 2017 2:32 PM
To: AEN Testimony
Cc: jademd@hawaii.edu
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Jade Delevaux	Individual	Support	No

Comments: As environmental scientist, surfer and scuba diver, I believe Styrofoam should be ban from all food vendors. Nowadays, it is really hard to find a place on land or underneath the sea, which is not tainted by plastic and foam (or other trash). Being islanders, we have less land to accommodate more trash, yet population keeps growing. Today alternative and more sustainable material are available to replace foam and plastic. Often vendors use cost as an excuse/barrier to prevent shifting to compostable materials. But the cost of cleaning up is just as high if not higher and often born by a small group of the society. So it is time to change the way things have been done. It is time to care more for our tomorrows and the legacy we will leave to our children.

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Megan Onuma
3138 Waiialae Avenue #721
Honolulu HI 96816
Megan.akiko@gmail.com

Senate Bill 1109: Relating to Polystyrene Foam Containers
In Strong Support

Hearing Date: Wednesday February 8th, 2017

Hearing Time: 1:15 PM

Place: Conference Room 224

Committee: Agriculture & Environment/Public Safety Intergovernmental, & Military Affairs

Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM,

My name is Megan Onuma and I am a resident of Honolulu, in the Kaimukī neighborhood. I am writing in full support of SB1109 to prohibit the use of expanded and extruded polystyrene foam containers by food vendors.

I was born and raised in Hawai‘i and am currently a graduate student at the University of Hawai‘i at Mānoa, studying Marine Biology. I had the opportunity to travel to the Northwestern Hawaiian Islands, the Papahānaumokuākea Marine National Monument. During albatross season, the islands are covered in the carcasses of dead albatross. Their rotting bodies reveal stomachs filled with plastic, including pieces of foam. I have no doubt that the plastic that I saw during my time there is just a tiny percentage of the true impact that plastic pollution has on ocean wildlife.

Polystyrene foam breaks apart easily, making it harder to clean up and easier for animals to mistake small parts of it for food. Food containers made from plant fibers could be made here in Hawai‘i. Unlike polystyrene foam, which persists as a pollutant indefinitely in the environment, fiber based containers degrade naturally.

For these reasons, I give my support to SB1109. Thank you for your time and consideration.

Sincerely,

Megan Onuma

From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 6, 2017 1:44 PM
To: AEN Testimony
Cc: elle.cochran@mauicounty.us
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Elle Cochran	Individual	Support	No

Comments:

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**Senate Bill 1109: Relating to Polystyrene Foam Containers
In Strong Support**

Hearing Date: Wednesday February 8th, 2017

Hearing Time: 1:15 PM

Place: Conference Room 224

Committee: Agriculture & Environment/Public Safety Intergovernmental, & Military Affairs

Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM,

My name is Matt Moore and I am a resident of Palolo, Oahu, Hawaii. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors.

Here are some of the reasons why I support this bill:

Cleanup Costs & Economic Benefits

- Plastic is costing cities, counties, states, & countries millions of dollars and our global economy billions. Costs are passed to the taxpayers by burdening our storm water management systems with the need for expensive best management practices and the costs of cleanups.
- Hawaii State Department of Transportation has produced a trash plan that shows styrofoam and plastic bags as the top two contributors to the waste stream.¹
- The Natural Resource Defense Council (NRDC) created a plastic cleanup valuation study for 90+ counties in California:²
 - CA taxpayers are paying \$428 million per year to clean up plastic through storm drain management, street sweeping, and cleanups.
 - San Diego County (with population of 1.3 equivalent to Hawaii) spends \$14 million alone on plastic cleanup
- United Nations Environmental Program Global Estimates are in the billions for the global cost to cleanup plastics, \$14 billion for marine plastic alone.³
 - This cost is closer to \$78 billion annually if all costs are considered, including the cost lost in fossil fuel production and loss of resources.
- Burden on the public
 - According to cleanup hours recorded across Hawaii's beach cleaning organizations and volunteer hour base rates, we spent \$750,000 - \$1 million on beach cleanups in 2016 alone.

¹ http://www.stormwaterhawaii.com/swmp_wp/wp-content/uploads/2014/10/Trash-Reduction-Plan_FINAL-10-18-16.pdf

² <https://www.nrdc.org/sites/default/files/ca-pollution-in-waterways-IB.pdf>

³ www.unep.org/pdf/ValuingPlastic/

Environmental Impact

- It is argued that styrofoam is acceptable because we can incinerate it for energy. However, this approach is not without significant impacts. According to the Hawaii DOH Clean Air Branch the Covanta H-POWER plant emits 0.15 million metric tons of carbon dioxide⁴ (a potent greenhouse gas) annually. Although touted as a “clean energy solution” for Hawaii, H-POWER only generates about 3% of Oahu’s energy needs⁵ while still emitting greenhouse gases through burning plastic.
- Further, for each ton of polystyrene not produced, 2.5 metric tons of carbon dioxide emissions are avoided. This directly supports Hawaii’s greenhouse gas reduction goals as stated in the Aloha + Challenge and as mandated by the US EPA.⁶
- The U.S. Environmental Protection Agency’s Waste Reduction Model (WARM) report shows that burning polystyrene emits more carbon dioxide equivalent than other plastics. For each ton of polystyrene incinerated, 1.64 tons of carbon dioxide equivalent are emitted.
- If burned at HPower, one compostable clamshell burns 1.76 times greater energy compared to one EPS Foam clamshell of the same size. And burning compostable products come without the toxic ash or smoke that EPS foam creates in the burning process.
- Fiber clamshells are also less than half the volume of EPS, so a restaurant could fit about twice as many clamshells on the same amount of shelf space or have more space for other things.
- The material for fiber containers can be grown and then made here in Hawaii, so more jobs and sustainable ones, not jobs that are exposing workers directly to large amounts of toxic chemicals. EPS can also be made here, but raw, toxic source chemicals need to be shipped to Hawaii.
- EPS is designed to be used it once, and according to the US EPA less than 1% of foam is recycled nationally. 0% of EPS Foam is recycled locally.
- EPS Foam is composed of over 90% air, so even when properly disposed of, foam products easily fly out of trash bins and dumpsters, and they enter into the natural environment, eventually polluting our ocean and negatively impacting ocean health and threatening marine wildlife.
- EPS Foam also breaks apart more easily and quicker than other plastics, making it more difficult to clean up than other plastics and easier for animals to mistake as food and ingest
- According to the EPA Waste Reduction Model Report, 7% of plastic waste generation in US is polystyrene. Of our total plastic recovery, polystyrene makes up 0.7% of recycled plastic

⁴ <http://energy.hawaii.gov/wp-content/uploads/2011/10/ghg-inventory-20081.pdf>

⁵ www.islandpulse.org

⁶ <https://www3.epa.gov/epawaste/conservation/tools/warm/pdfs/Plastics.pdf>

Human Health

- Air pollution from polystyrene
 - Styrene is reasonably anticipated to be a human carcinogen and a confirmed animal carcinogen as reported by the National Institute of Health in their Report on Carcinogens (2011); this conclusion is also endorsed by the National Academy of Sciences (2014)⁷
 - When combusted, styrene produces benzaldehyde (US EPA classifies this as a hazardous substance), acetophenone (Group D carcinogen by US EPA, causes chromosomal damage on hamsters, but hasn't been tested in humans), styrene oxide (main metabolite of styrene, which is known as carcinogenic).

Thank you for your time and effort in this manner!

A handwritten signature in black ink, appearing to read 'Matt Moore', with a long horizontal flourish extending to the right.

Matt Moore

⁷ <https://www.niehs.nih.gov/health/topics/agents/styrene/index.cfm>

From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 6, 2017 12:55 PM
To: AEN Testimony
Cc: zacharyhitchcock1963@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Zachary Hitchcock	Individual	Support	Yes

Comments: Zachary Hitchcock 1533 Artesian Way Honolulu, HI 96822 Support of Senate Bill 1109 Dear Senators and Committee Members, I am supporting Senate Bill 1109. Polystyrene Foam Containers are both detrimental to human health and the environment. Polystyrene contains styrene, a known toxin, which is both hazardous to human and environmental health. Hawaii is the largest consumer of Polystyrene food containers. This is an embarrassment to our citizens and a danger to our healthy lifestyle and delicate environment. It is not biodegradable. Many low cost, competitive alternatives are available on the market. I have, personally, removed over hundreds of pounds of this toxic product from our beautiful islands. I can only imagine the damage this product has done to our environment and island health. Please, consider this Bill 1109 to prohibit the use of this harmful product. Sincerely, Zachary Hitchcock 808-222-6960

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Sent: Monday, February 6, 2017 11:52 AM
To: AEN Testimony
Cc: owen@hawaii.edu
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Owen Miyamoto	Individual	Oppose	No

Comments: I oppose the passage of SB 1109 which would ban EPS foam packaging. EPS foam is one of many types of plastic that are being proposed for banning wherever food is sold or served. The problem can be solved by enforcing the proper disposal in the grey bins provided by the city. Plastics in these bins go to the waste to energy plants to be incinerated without creating pollution and generating energy in the process.

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Sent: Monday, February 6, 2017 11:09 AM
To: AEN Testimony
Cc: dyana.tenberge@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Dyana ten Berge	Individual	Support	No

Comments: Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM, My name is Dyana ten Berge and I am a resident of Kailua. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. Styrene is reasonably anticipated to be a human carcinogen and a confirmed animal carcinogen as reported by the National Institute of Health in their Report on Carcinogens (2011); this conclusion is also endorsed by the National Academy of Sciences (2014)

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 6, 2017 11:06 AM
To: AEN Testimony
Cc: john@sustainableislandproducts.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
JOHN ELKJER	Individual	Support	No

Comments: Please pass this bill in its entirety.

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Sent: Monday, February 6, 2017 11:03 AM
To: AEN Testimony
Cc: john.from.stl@alumni.stanford.edu
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
John Maurer	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 6, 2017 10:52 AM
To: AEN Testimony
Cc: dstuef@hotmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Diana Stuef	Individual	Support	No

Comments: Return Hawai'i to the paradise it used to be before EPS foam food containers. We did just fine without them and it is a small price to pay to protect our ocean and aina.

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**Senate Bill 1109: Relating to Polystyrene Foam Containers
In Strong Support**

Hearing Date: Wednesday February 8th, 2017

Hearing Time: 1:15 PM

Place: Conference Room 224

Committee: Agriculture & Environment/Public Safety Intergovernmental, & Military Affairs

Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM,

My name is Vanessa Cass and I am a resident of Honolulu, HI. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors.

I've lived in cities on the mainland that have banned foam food containers and was surprised upon moving here that foam containers were still being used. Regarding the idea that foam containers are critical for keeping down food costs; In Portland, OR, there is a thriving food truck industry that does not rely on the use of foam containers to keep costs down. As a local example, the Ocean Friendly Restaurants program has been successful in that restaurants signed up to not use foam have thrived and there continue to be more restaurants willing to step up and be a part of the program. Personally, I do what I can to avoid restaurants that continue to use foam. Also note that I've had friends visit from the mainland and make comments about the continued use of foam and ask why there isn't a ban on foam. I don't have a good answer for them.

I am including the below information in support of SB1109.

Themes:

Cleanup Costs & Economic Benefits

- Plastic is costing cities, counties, states, & countries millions of dollars and our global economy billions. Costs are passed to the taxpayers by burdening our storm water management systems with the need for expensive best management practices and the costs of cleanups.
- Hawaii State Department of Transportation has produced a trash plan that shows styrofoam and plastic bags as the top two contributors to the waste stream.¹
- The Natural Resource Defense Council (NRDC) created a plastic cleanup valuation study for 90+ counties in California:²
 - CA taxpayers are paying \$428 million per year to clean up plastic through storm drain management, street sweeping, and cleanups.

¹ http://www.stormwaterhawaii.com/swmp_wp/wp-content/uploads/2014/10/Trash-Reduction-Plan_FINAL-10-18-16.pdf

² <https://www.nrdc.org/sites/default/files/ca-pollution-in-waterways-IB.pdf>

- San Diego County (with population of 1.3 equivalent to Hawaii) spends \$14 million alone on plastic cleanup
- United Nations Environmental Program Global Estimates are in the billions for the global cost to cleanup plastics, \$14 billion for marine plastic alone.³
 - This cost is closer to \$78 billion annually if all costs are considered, including the cost lost in fossil fuel production and loss of resources.
- Burden on the public
 - According to cleanup hours recorded across Hawaii's beach cleaning organizations and volunteer hour base rates, we spent \$750,000 - \$1 million on beach cleanups in 2016 alone.

Environmental Impact

- It is argued that styrofoam is acceptable because we can incinerate it for energy. However, this approach is not without significant impacts. According to the Hawaii DOH Clean Air Branch the Covanta H-POWER plant emits 0.15 million metric tons of carbon dioxide⁴ (a potent greenhouse gas) annually. Although touted as a "clean energy solution" for Hawaii, H-POWER only generates about 3% of Oahu's energy needs⁵ while still emitting greenhouse gases through burning plastic.
- Further, for each ton of polystyrene not produced, 2.5 metric tons of carbon dioxide emissions are avoided. This directly supports Hawaii's greenhouse gas reduction goals as stated in the Aloha + Challenge and as mandated by the US EPA.⁶
- The U.S. Environmental Protection Agency's Waste Reduction Model (WARM) report shows that burning polystyrene emits more carbon dioxide equivalent than other plastics. For each ton of polystyrene incinerated, 1.64 tons of carbon dioxide equivalent are emitted.
- If burned at HPower, one compostable clamshell burns 1.76 times greater energy compared to one EPS Foam clamshell of the same size. And burning compostable products come without the toxic ash or smoke that EPS foam creates in the burning process.
- Fiber clamshells are also less than half the volume of EPS, so a restaurant could fit about twice as many clamshells on the same amount of shelf space or have more space for other things.
- The material for fiber containers can be grown and then made here in Hawaii, so more jobs and sustainable ones, not jobs that are exposing workers directly to large amounts

³ www.unep.org/pdf/ValuingPlastic/

⁴ <http://energy.hawaii.gov/wp-content/uploads/2011/10/ghg-inventory-20081.pdf>

⁵ www.islandpulse.org

⁶ <https://www3.epa.gov/epawaste/conservation/tools/warm/pdfs/Plastics.pdf>

of toxic chemicals. EPS can also be made here, but raw, toxic source chemicals need to be shipped to Hawaii.

- EPS is designed to be used once, and according to the US EPA less than 1% of foam is recycled nationally. 0% of EPS Foam is recycled locally.
- EPS Foam is composed of over 90% air, so even when properly disposed of, foam products easily fly out of trash bins and dumpsters, and they enter into the natural environment, eventually polluting our ocean and negatively impacting ocean health and threatening marine wildlife.
- EPS Foam also breaks apart more easily and quicker than other plastics, making it more difficult to clean up than other plastics and easier for animals to mistake as food and ingest
- According to the EPA Waste Reduction Model Report, 7% of plastic waste generation in US is polystyrene. Of our total plastic recovery, polystyrene makes up 0.7% of recycled plastic

Human Health

- Air pollution from polystyrene
 - Styrene is reasonably anticipated to be a human carcinogen and a confirmed animal carcinogen as reported by the National Institute of Health in their Report on Carcinogens (2011); this conclusion is also endorsed by the National Academy of Sciences (2014)⁷
 - When combusted, styrene produces benzaldehyde (US EPA classifies this as a hazardous substance), acetophenone (Group D carcinogen by US EPA, causes chromosomal damage on hamsters, but hasn't been tested in humans), styrene oxide (main metabolite of styrene, which is known as carcinogenic).

⁷ <https://www.niehs.nih.gov/health/topics/agents/styrene/index.cfm>

From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 6, 2017 10:12 AM
To: AEN Testimony
Cc: burgess96712@yahoo.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Paula Burgess	Individual	Support	No

Comments: I have attended many beach cleanups on oahu for the last 6+ years, in doing so I have incountered many many styro food containers dirtying our beautiful beaches. If you don't think they are a problem just look into a trash barrel the next time you use it, it is clogged with strofoam containers. My other issue with styrofoam is it's possible carcinoginic nature. I have an 20 yr old granddaughter born and raised on the north shore of Oahu who was diagnosed with osteosarcoma, bone cancer, 2 years ago, so cancer is a huge concern of mine. Thank you for the oppertunity to let you know how I feel.

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Sent: Monday, February 6, 2017 9:58 AM
To: AEN Testimony
Cc: amandaallgood2007@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Amanda Allgood	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 6, 2017 9:57 AM
To: AEN Testimony
Cc: shannonkona@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Shannon Rudolph	Individual	Support	No

Comments: As islands - we really need this bill! There are so many other less toxic materials we can use other than polystyrene. We need to start paying attention to our environment or we won't HAVE one! Please pass this bill.

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From: mailinglist@capitol.hawaii.gov
To: [AEN Testimony](#)
Cc: ggb7676@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM
Date: Monday, February 6, 2017 9:27:53 AM
Attachments: [Polystyrene Testimony.pages](#)

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
George Burnette	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 6, 2017 9:17 AM
To: AEN Testimony
Cc: lcblickley@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Lauren Blickley	Individual	Support	No

Comments: Please support this bill to phase-out polystyrene food containers. Polystyrene is one of the Top 10 most commonly littered items in the state of Hawaii (International Coastal Clean Up Data). It enters our streams and waterways, and eventually ends up in the ocean where it is ingested by seabirds, turtles, marine mammals and fish. There are many alternatives to polystyrene that are safe for humans and the environment, and a number of restaurants have already made the switch to polystyrene alternatives. Restaurants and the public SUPPORT this bill - it's better for our environment and our community.

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Aloha,

I'm testifying in support of a polystyrene foam ban. As a native to Hawaii, I consider protecting our aina and the health of its people of utmost importance. Not only does a Styrofoam ban benefit our environment by eliminating the source of one of our worst pollutants, but it protects our most at-risk populations from the adverse health effects associated with polystyrene use. More often than not, vendors using polystyrene are selling their food for low prices which appeal to our low income families who in turn ingest the toxic chemicals leached into their food. Help us protect our land and our people by supporting a more sustainable lifestyle. Hawaii nei is a special place, help us be on the front lines of changing this toxic world into a place where we all have equal access to clean lands, water, air and food.

From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 6, 2017 8:24 AM
To: AEN Testimony
Cc: courtneybruch808@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Courtney Bruch	Individual	Support	No

Comments: Dear Committee, please delete the loophole allowing avoidance of this prohibition in a County if there is a program for polystyrene foam that recycles at least 60% annually. This loophole is inconsistent with the goal of removing this product from our waste stream. Polystyrene containers have been found be especially harmful to marine life, in particular marine birds and this loophole may or may not decrease the amount of polystyrene harming our environment. Costco now carries biodegradable containers in bulk! Mahalo, Courtney

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 6, 2017 7:25 AM
To: AEN Testimony
Cc: philip.potter2@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Phil Potter	Individual	Support	No

Comments: Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM, My name is Phil Potter and I am a resident of Makiki. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. I am an environmental consultant who has worked for the State of Hawaii on trash issues, specifically controlling the trash in our waterways. I have firsthand experience with the fact that polystyrene is costing the State and counties millions of dollars. Costs are passed to the taxpayers by burdening our storm water management systems with the need for expensive best management practices and the costs of cleanups. In fact, the State of Hawaii Department of Transportation has produced a trash plan that shows polystyrene as one of the top two contributors to the waste stream. Food vendors' continued use of polystyrene is a textbook case of an environmental externality - a situation where the vendors reap the benefits of an action (using cheap food service containers) but does not bear all the costs of the action (management, disposal and clean-up of these containers). Please pass this bill in order to keep our cherished waterways free and clear of polystyrene! Aloha, Phil Potter

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Sent: Monday, February 6, 2017 5:48 AM
To: AEN Testimony
Cc: snell.fran@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Francine J Scheer Snell	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Sunday, February 5, 2017 11:51 PM
To: AEN Testimony
Cc: farmfreshhawaii@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/5/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Juanita Kawamoto Brown	Individual	Support	No

Comments: Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM, I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. Too many of our endangered and indigenous sea life have suffered from this terrible man-made problem. We, the people have all the resources that can cause positive change by simply discontinuing the use in all restaurant and food vendors oriented businesses Mahalo for the opportunity to testify. Juanita Brown Kawamoto

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From: mailinglist@capitol.hawaii.gov
Sent: Sunday, February 5, 2017 11:19 PM
To: AEN Testimony
Cc: foodsovereignty@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/5/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Mitsuko Hayakawa	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Sunday, February 5, 2017 9:53 PM
To: AEN Testimony
Cc: lberthold@yahoo.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/5/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Laura Berthold	Individual	Support	No

Comments: Polystyrene foam products are bad for human health and the environment. I often participate in beach cleanups and pick up trash on my own. I find this type of trash on the ground all of the time. Marine animals, birds, and children can consume these containers as they break a part and become smaller pieces. This product contains carcinogens, which are not good for our health. These products are often not recycled as well. We can use better products such as recycled materials, paper, and compostable ones. This will be better for humans, animals, and the environment. Businesses can invest in better products, not just the cheaper options. I appreciate you supporting the bill to phase out polystyrene food containers. This will be good for the overall community, our oceans, and the land!

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Sent: Sunday, February 5, 2017 9:01 PM
To: AEN Testimony
Cc: chris@mentzel.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/5/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Chris Mentzel	Individual	Support	No

Comments: Please delete the loophole allowing avoidance of this prohibition in a County if there is a program for polystyrene foam that recycles at least 60% annually. This loophole is inconsistent with the goal of removing this product from our waste stream. Polystyrene containers have been found be especially harmful to marine life, in particular marine birds and this loophole may or may not decrease the amount of polystyrene harming our environment.

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From: mailinglist@capitol.hawaii.gov
Sent: Sunday, February 5, 2017 8:46 PM
To: AEN Testimony
Cc: rwvierra@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/5/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
robyn vierra	Individual	Support	No

Comments: My name is Robyn Vierra and I am a resident of Kailua. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. We know that polystyrene foam is not only bad for human health, but it is terrible for our environment. We have alternatives to polystyrene foam and businesses and individuals should be encouraged to use more sustainable products. It is not worth the risk to our people, animals, and environment.

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SB1109

RELATING TO POLYSTYRENE CONTAINERS

Wednesday, February 8, 2017 1:15 pm State Capitol, Conference Room 224

Senator Mike Gabbard, Chair
Senator Gil Riviere, Vice Chair
Committee on Agriculture and Environment

Senator Clarence Nishihara, Chair
Senator Glenn Wakai, Vice Chair
Committee on Public Safety, Intergovernmental, Military Affairs

Thank you for the opportunity to testify on this important bill SB1109. As a lifelong Maui resident, small business owner, and active Democrat I SUPPORT SB 1109 "Relating To Polystyrene Containers" **HOWEVER I ask the Committee to delete the loophole allowing avoidance of this prohibition in a County if there is a program for polystyrene foam that recycles at least 60% annually.** This loophole is inconsistent with the goal of removing this product from our waste stream. Polystyrene containers have been found be especially harmful to marine life, in particular marine birds and this loophole may or may not decrease the amount of polystyrene harming our environment.

Restaurants offer polystyrene because it is the cheapest option but the price does not include the environmental externalities. Currently on Maui polystyrenes are not recyclable and end up filling up our landfill. Polystyrene containers are extremely lightweight and often are windswept out of trashcans or the landfill into the ocean where they float and may be eaten by birds or ocean creatures.

I'm not proud of it but I personally order a lot of takeout from restaurants... I attempt to only order from places that do not use Polystyrene containers. Frequently though I will forget to ask so I end up buying something that I would prefer to avoid. As a consumer I will not mind paying a little bit more for non-polystyrene containers. In the long run as taxpayers we will end up paying indirectly for the environmental impact of polystyrene if we don't limit our current usage.

Thank you for your hard work and consideration of this issue.

Respectfully submitted,
Arianna Feinberg

From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 6, 2017 5:48 PM
To: AEN Testimony
Cc: kknudsen1106@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Kai Knudsen	Individual	Support	Yes

Comments: Styrofoam is a really big problem if it gets in our ocean. We need to ban styrofoam until more and more styrofoam goes inside the ocean.

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From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 6, 2017 5:39 PM
To: AEN Testimony
Cc: alohawhitcombs@icloud.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/6/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
lindsey whitcomb	Individual	Comments Only	No

Comments: i am writing in support of this bill; restriction of styrofoam use is long overdue & many effective alternatives exist that have notably fewer negative environmental impacts.

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My name is Matthew Chauvin, I live in Saint Louis Heights, and I support this bill (SB1109) for both economic and environmental reasons. As someone that regularly goes to the beach to clean up plastic pollution, from my personal observations, Styrofoam is one of the most prevalent forms of pollution lining our beaches and is one of the most difficult to clean up. I'm also a biologist and Styrofoam is one of the most dangerous forms of plastic pollution to marine organisms and the effects from Styrofoam have the potential to affect Hawaii fisheries and human health. And due to there being over 100 Ocean Friendly Restaurants across Hawaii, the banning of Styrofoam is unlikely to put undue hardship on any small businesses/restaurants throughout Hawaii. For these reasons, I strongly support this bill and the banning of Styrofoam throughout our Islands.

Photo: Critically Endangered Hawaiian Monk seal mom and pup pair in front of a derelict Styrofoam buoy in the Papahānaumokuākea Marine Monument.



Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM,

My name is Josh Boulding and I am a resident of Kailua-Kona, Hawaii. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. Polystyrene foam is one of the most littered and least recycled forms of plastic.

In the interest of taking direct action on pollution levels in our oceans and preserving the habitats of many endangered creatures, I urge you to argue for and pass SB1109 in your upcoming sessions.

Mahalo,

Josh Boulding

From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 2:46 PM
To: AEN Testimony
Cc: sarahcswan@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Sarah Swanson	Individual	Support	No

Comments: Please help this ban progress in the state of Hawaii. Help protect our oceans, animals, and use of energy. Be progressive in setting an example of what can be purchased and then recycled. Thank you for your time.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 2:30 PM
To: AEN Testimony
Cc: afsheenahmad@yahoo.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
afsheen siddiqi	Individual	Support	No

Comments: I strongly support this measure as it will have environmental and health benefits for people, aquatic and terrestrial wildlife, as well as our plants. Under the measure the DOH can authorize an exemption from this proposed law but provides no conditions or circumstances for the exemption. I recommend that exemptions be more specific under the proposed law.

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Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM,

My name is Cassidy Lum and I am a resident of Honolulu, Hawaii. I am writing in full support on SB1109 to prohibit the use of polystyrene foam containers by food venders.

There's too much trash on our planet and it is hurting our ecosystems. Please put the environment first and support SB1109.

Mahalo,

Cassidy Lum

From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 2:20 PM
To: AEN Testimony
Cc: alyssa-mm-ruiz@hotmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Alyssa Ruiz	Individual	Support	No

Comments: I support SB 1109, causes unnecessary harm for animals and the environment.

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

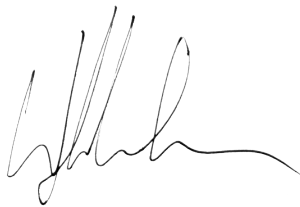
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February 7th, 2017

Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM,
My name is Will Whelan and I am a resident of Kailua-Kona, Hawaii. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. Polystyrene foam is one of the most littered and least recycled forms of plastic.

I also represent Big Island Divers in our support of SB1109. Our oceans are our most precious resource, and polystyrene foam is often found by us at sea.

Best regards,
Will Whelan

A handwritten signature in black ink, appearing to read 'Will Whelan', with a long horizontal flourish extending to the right.

From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 2:09 PM
To: AEN Testimony
Cc: krista.jaspers@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Krista Jaspers	Individual	Support	No

Comments: Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM, My name is Krista Jaspers and I am a resident of Kahala. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. The use of polystyrene is unnecessary and environmentally harmful. It also contributes to pollution in our waters and on our beaches, and since it is made of plastic, it never breaks down! Further, for each ton of polystyrene not produced, 2.5 metric tons of carbon dioxide emissions are avoided. This directly supports Hawaii's greenhouse gas reduction goals as stated in the Aloha + Challenge and as mandated by the US EPA. There are so many other options that are more eco-friendly, healthy, and cost-effective than polystyrene. I would much rather have the option of using a biodegradable or recyclable container.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 2:09 PM
To: AEN Testimony
Cc: katsillit@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Katelyn Tillis	Individual	Support	No

Comments:

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Sent: Tuesday, February 7, 2017 2:08 PM
To: AEN Testimony
Cc: Lex.towboatus@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Lex Bartelmann	Individual	Support	No

Comments: I support SB 1109. Styrofoam is dangerous for marine life and negatively impacts the ecosystem. There are safer and sustainable alternatives to Styrofoam.

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Sent: Tuesday, February 7, 2017 2:06 PM
To: AEN Testimony
Cc: Boat2boy@hawaii.rr.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Ian	Individual	Support	No

Comments: I am a Merchant mariner captain working in the waters off Honolulu for the past 17 years and the amount of styrofoam that makes it offshore from our island by waterway or from wind blown is absolutely disgraceful. I strongly support a ban on styrofoam containers especially one time use food containers that are so harmful to our environment on land and in our oceans.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 2:05 PM
To: AEN Testimony
Cc: clareloprinzi@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
clare loprinzi	Individual	Support	No

Comments: Our oceans, our lands, our air need to be clean, there is no reason except to support some styrofoam suppliers (who need to switch over to sustainable containers) to keep this in hawaii. Time for healing on all levels in all realms. Pass this proposal now

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 2:03 PM
To: AEN Testimony
Cc: mariahr777@yahoo.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Mariah Raftree	Individual	Comments Only	No

Comments: Styrofoam is costing tax payers millions of dollars in cleanup costs as well as the environmental damage and human health effects associated with the toxicity of styrene. There are much better biodegradable options available where the waste could be composted on island and then sold. It is argued that styrofoam is acceptable because we can incinerate it for energy. However, this approach is not without significant impacts. According to the Hawaii DOH Clean Air Branch the Covanta H-POWER plant emits 0.15 million metrics tons of carbon dioxide (a potent greenhouse gas) annually. Although touted as a “clean energy solution” for Hawaii, H-POWER only generates about 3% of Oahu’s energy needs while still emitting greenhouse gases through burning plastic. The material for fiber containers can be grown and then made here in Hawaii, so more jobs and sustainable ones, not jobs that are exposing workers directly to large amounts of toxic chemicals. EPS can also be made here, but raw, toxic source chemicals need to be shipped to Hawaii. Let’s keep it local and improve our options.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 2:02 PM
To: AEN Testimony
Cc: Ccwarr@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Charles Warr	Individual	Support	No

Comments: Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM, My name is Charles Ware and I am a resident of Kailua-Kona. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. Polystyrene foam is one of the most littered and least recycled forms of plastic.

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Sent: Tuesday, February 7, 2017 1:47 PM
To: AEN Testimony
Cc: 11632@students.pasd.us
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Emily Hoffman	Individual	Support	No

Comments: This could really help the animals a lot, they're suffering enough as is and aren't getting the help they need. Please do this one thing for them!

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 1:38 PM
To: AEN Testimony
Cc: stevie.moyer@hotmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
stevie nicole	Individual	Support	No

Comments: Food in Styrofoam containers can be contaminated by chemicals that leach into the food, affecting human HEALTH and the reproductive systems. This is accentuated if people reheat the food while still in the container. A research study shows that styrene can leach out from EPS. Even the American Chemistry Council admits that there is transmission of styrene from Styrofoam to food. Styrofoam easily breaks into small bits. Small land and aquatic animals eating these pieces DIE due to toxins and blockage of their stomachs leading to starvation, according to Los Angeles Times.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 1:32 PM
To: AEN Testimony
Cc: llm0503@yahoo.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
lauren	Individual	Support	No

Comments: I support SB 1109

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 1:31 PM
To: AEN Testimony
Cc: tyronesanga@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Ty Sanga	Individual	Support	No

Comments:

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Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM,

My name is Samantha Lathrop and I am a resident of Kailua Kona, Hawaii. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. Polystyrene foam is one of the most littered and least recycled forms of plastic. There is an increased amount of pollution washing upon our shores each year, and this bill will help lower the use and production of such materials.

Thank you for your time and consideration,
Samantha Lathrop

From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 1:30 PM
To: AEN Testimony
Cc: hinanorey@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Lisa Hinano Rey	Individual	Support	No

Comments: There are alternatives to polystyrene food containers that are biodegradable and do not pose Environmental or Public Health Hazards. Please support this bill to ban polystyrene.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 1:30 PM
To: AEN Testimony
Cc: gfarstrup@msn.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Greg and Pat Farstrup	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 1:19 PM
To: AEN Testimony
Cc: jillian.davis@me.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Jillian Davis	Individual	Support	No

Comments: Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM, My name is Jillian and I am a resident of Kailua-Kona, Hawaii. I am writing in support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. Mahalo!

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 1:15 PM
To: AEN Testimony
Cc: joemaushart@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
joe	Individual	Comments Only	No

Comments: I support SB1109!!!!!!!!!!!!!!

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 1:13 PM
To: AEN Testimony
Cc: spawaikiki@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
dennis boyd miller	Individual	Support	No

Comments: Dear Senators, I'm Dennis Miller, a Waikiki resident. Regarding SB1109 Committee AEN/PSM room 224 feb 8, 2017 I'm writing to support this bill. I feel that society, like a person, must be willing to be self aware. Society must be willing to be aware of habits that turn out to be harmful. Our large scale use disposable styrofoam is causing havoc in our ecosystems, on land and in water. The cost of cleaning up the styrofoam is another issue. If we ban styrofoam and require restaurants to use disposable materials for take out containers, we will, initially, have a difficult transition. However, for the health of our society, we need to be willing to change some our bad habits. Thank you, Dennis Miller

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 1:13 PM
To: AEN Testimony
Cc: stacy440@me.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Stacy K. Tang	Individual	Support	No

Comments: I am a resident of O'ahu and I fully support SB1109 to prohibit the use of polystyrene foam containers. I am angered at the waste these containers create and the terrible eyesore they generate through ignorance of proper disposal. Everywhere I go, beaches, morning walks even hikes in state parks, you see these containers left behind. They do not break down and return to the soil as compost. They make their way to our water ways and out to the ocean. I've even seen them stuck in reefs while diving. The time has come for Hawaii to ban all single use plastics, but this is a necessary first step. If ignorant people can not learn to dispose of waste properly, then it is up to the state to make the use of only compostable containers mandatory.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 1:12 PM
To: AEN Testimony
Cc: connor.wilhelm@lejardinacademy.org
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Mahie Wilhelm	Individual	Support	Yes

Comments: Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM, My name is Mahie and I am a resident of Kailua, O’ahu. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors.

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Sent: Tuesday, February 7, 2017 1:12 PM
To: AEN Testimony
Cc: tessimil3@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Tessa Williamson	Individual	Support	No

Comments: Styrofoam needs to be banned. It does not break down for millions of years, it is permanent pollution for one person's life time. Because it is not recyclable it goes into trash, and harms animals and nature. Though plastic is not quite better, it can be recycled. We need to move away from products that are harmful to the environment, that do not break down for years and years, like Styrofoam. Switching to reusable products will not only improve our impact but it could also create more jobs as there is more of a demand for such products.

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Sent: Tuesday, February 7, 2017 1:11 PM
To: AEN Testimony
Cc: margebonar@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Marjorie Bonar	Individual	Support	No

Comments: This bill does not go far enough, but is a start. The pollution caused by EPS in the oceans, possible health effects to humans and wildlife can no longer be overlooked or underestimated. ACC and other plastics lobbying groups have done an excellent job of buying legislators. It is time to stand up for the people and environment.

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Sent: Tuesday, February 7, 2017 1:06 PM
To: AEN Testimony
Cc: kelcirayne@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Kelci Robitaille	Individual	Support	Yes

Comments: Aloha My name is Kelci Robitaille and I'm a senior at Kaiser High School. I am also the president of an environmental club at my school called Wipeout Crew. We recently conducted a clean up at Makapu'u beach and collected tons of styrofoam and other debris. It's really unsettling to see our beautiful island being treated with such little respect. Please keep the future in mind when deciding whether to pass this bill. Thank you, Kelci Robitaille, 96825

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 1:06 PM
To: AEN Testimony
Cc: mayatapiaa@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Maya Tapia	Individual	Support	Yes

Comments: My name is Maya Tapia, I attend Kaiser High School and I am apart of the IB DP program, and I am the Vice President of two environmental clubs. I have a strong passion for the environment and its health. Living in Hawaii, I see debris float in the ocean and ruin our beaches and marine organisms. I support the banning of styrofoam and hope that one day we can find a sustainable alternative that does the same as styrofoam. I will passionately fight for the health our this beautiful planet we share and live on. Aloha and lets choose compassion and think of future generations when deciding on passing this bill. MAHALO! (Zip Code: 96825 & 96826)

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 1:04 PM
To: AEN Testimony
Cc: feelfreetolisten@yahoo.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Krista Anderson	Individual	Support	No

Comments: Please stop the styrofoam. I am a current resident of Waimea, Kauai. There is no place for styrofoam on this island! Hawaii taxpayers pay too much to clear this garbage out of our storm drains and there are so many eco friendly solutions.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 1:01 PM
To: AEN Testimony
Cc: cordova565@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Eric Cordova	Individual	Support	No

Comments: animals can die from it

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 1:01 PM
To: AEN Testimony
Cc: lindsayquatro@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
lindsay quatro	Individual	Support	No

Comments: I believe styrofoam should be banned and agree with this law.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 1:00 PM
To: AEN Testimony
Cc: b2bruso@yahoo.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Natalie Bruso	Individual	Support	No

Comments: I can taste the flavor emitted by polystyrene in food that has been served in styrofoam containers. I understand that there are compounds in styrofoam that are known to be similar enough in structure to human hormones that my body may be incorporating these inadvertently ingested polystyrene compounds into my hormone receptors. During beach cleanups I have personally removed an astonishing amount of styrofoam from Oahu's shores and the photodegradation of styrofoam causes it to become brittle, so trying to lift one old styrofoam plate lunch container can cause it to break apart into hundreds of smaller pieces of styrofoam, which are then more difficult to remove and also, sadly, more easily ingested by animals who confuse the bite sized pieces of styrofoam in their habitat for food.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 1:00 PM
To: AEN Testimony
Cc: derek_yarbrough@yahoo.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Derek Yarbrough	Individual	Support	No

Comments: Hawaii has the opportunity to be a leader, an example, to the rest of the country and the rest of the world. As one of the most beautiful places on the planet, Hawaii should be the example of protection, conservation and progressive policy. This will enhance Hawaii's position as a desirable place to live and visit. Plus, we will save so many precious creatures. It's a win win for everyone!

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 1:00 PM
To: AEN Testimony
Cc: gabriellaoczowski@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Gabriella Oczkowski	Individual	Support	No

Comments: Prohibits the use of polystyrene foam products to ensure the safety and preservation of the environment and its inhabitants

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To: AEN Testimony
Cc: Bighivibe@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Greg	Individual	Support	No

Comments: "Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM, My name is Greg and I am a resident of Big Island. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. Polystyrene foam is one of the most littered and least recycled forms of plastic. "

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 12:57 PM
To: AEN Testimony
Cc: kennedy.marx@lejardinacademy.org
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Kennedy-Anne Marx	Individual	Support	No

Comments: Hawaii State Department of Transportation has produced a trash plan that shows styrofoam and plastic bags as the top two contributors to the waste stream. These single use plastics are un sustainable and are not healthy for the planet, and is not necessary for us. Especially in Hawaii, we are surrounded by a beautiful ocean. Using these plastics is disrespectful to the water and the land, because it can easily drift right into the sea.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 12:56 PM
To: AEN Testimony
Cc: reardonkg@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Kerry Reardon	Individual	Support	No

Comments:

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SB 1109 Testimony:

Hearing Date: Wednesday February 8th, 2017

Hearing Time: 1:15 PM

Place: Conference Room 224

Committee: Agriculture & EAloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM,

Email: kaya.harper@lejardinacademy.org

My name is Kaya Harper and I am a resident of Kaneohe. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors.nvironment/Public Safety Intergovernmental, & Military Affairs.

I was born and raised on Oahu, Hawaii. I have always lived here and it's the only home I have known. I was taught to swim almost before I could walk, the beach and ocean is my second home. I am there everyday with my family and almost everyday for sports such as Paddling and Kayaking. Because of this I also know first hand the damage trash, such as styrofoam, does to our home. The trash not only makes the beaches look bad but also cause irreparable damage to the ecosystem. Not only that but styrofoam is expensive. United Nations Environmental Program Global Estimates are in the billions for the global cost to cleanup plastics, \$14 billion for marine plastic alone. I learned to swim at Kailua beach, and one day I want to teach my children to swim there but I won't be able to do that if it's an ocean of trash.

From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 12:55 PM
To: AEN Testimony
Cc: amywickardd@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Amy Wickard	Individual	Comments Only	Yes

Comments: My name is Amy Wickard. I'm a senior from Kaiser High School and I am in a environmental club at my school. I am testifying because I am aware of the foam problem and want change. When I go to the beach on a casual day, I see styrofoam floating in the water and fish mistaking as food. It hurts to see something so unnatural caused by humans. We need to take action and be responsible for our planet's sake.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 12:49 PM
To: AEN Testimony
Cc: jessjess70@hotmail.co.uk
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Jeas Rowbury	Individual	Support	No

Comments: I support SB1109 because styrofoam poses a risk to Haiwaan monk seals and other animals that unintentionally ingest it. A major reason people visit Haiwaii is because of its natural beauty, rich diveristy and variety of species that can be found there. Therefore, these types of dangerous single-use materials create a risk for tourism as well as the environment.

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Sent: Tuesday, February 7, 2017 12:47 PM
To: AEN Testimony
Cc: ryan.takiniteasy@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Ryan Tabata	Individual	Support	No

Comments: Styrofoam should be banned because it is ubiquitous and non biodegradable. It readily fractures into small pieces becoming more readily bioavailable. Since styrofoam has zero nutrition, it accumulates in their gut and in the environment. It is both deadly and unsightly. Let's ban styrofoam and plastic bags and utensils while we're at it too!

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 12:47 PM
To: AEN Testimony
Cc: luisandres2295@hotmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Luis Umana	Individual	Support	No

Comments: I support the SB 1109 bill on styrofoam, because it is such a polluting material, the damages the sea ecosystems, but mostly marine animal life. There are better ways yo pack food, eco-friendly, degradable and even cheaper.

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DATE: 7th February, 2017

TO: Chair Gabbard, Chair Nishihara and Members of the joint committee on AE & PSM

FROM: Dean Otsuki
P.O. Box 25284
Honolulu, HI 96825

RE: **TESTIMONY IN STRONG SUPPORT OF SB1109**
Prohibits the use of polystyrene foam food containers by food vendors
Committee hearing on Wednesday 8th February, 2017 at 1:15PM

Aloha Chair Gabbard, Chair Nishihara and Members of the joint committee on AE & PSM,

I am writing in strong support of SB1109 which would ban vendors from using polystyrene disposable food containers in the state of Hawaii.

Polystyrene disposable food containers are made with petroleum, a non-sustainable and heavily polluting resource. These containers leach the chemical **styrene** when they come into contact with hot food or drink, alcohol, oils and acidic foods **causing human contamination and pose a health risk to people.**

Reasons to ban polystyrene disposable food containers:

Health implications.

- By 1986, styrene was found in 100 percent of all samples of human fat tissue taken as part of a U.S. Environmental Protection Agency (EPA) Human Tissue Survey
- In 2011, the U.S. Department of Health and Human Services National Toxicology Program listed styrene as “reasonably anticipated to be a human carcinogen.”
- Many studies have documented the migration of styrene from polystyrene containers and cups into food and drinks.
- The World Health Organization’s International Agency for Research on Cancer has said that long-term exposure to small quantities of styrene is also suspected of causing: – low platelet counts or hemoglobin values; – chromosomal and lymphatic abnormalities; – neurotoxic effects due to accumulation of styrene in the tissues of the brain, spinal cord, and peripheral nerves, resulting in fatigue, nervousness, difficulty sleeping, and other acute or chronic health problems associated with the nervous system.

Bad for the environment.

- When polystyrene disposable food and drink foam containers travel down waterways and storm drains into the ocean, it breaks down into smaller pieces that are ingested by marine life and other wildlife thus harming or killing them.
- In one Californian study, at least 162 marine species including most seabirds were reported to have eaten plastics and other marine litter. Polystyrene foam releases chemicals when it gets wet that contaminates water that touches it thus contaminating the water supply.

Other facts:

- The cost difference between polystyrene food service containers and compostable packaging in Hawaii varies between 10 and 25 cents per container.
- The City of San Francisco has had over 4500 businesses come into compliance with its ban and has achieved 100 percent compliance. San Francisco has not needed to issue any financial hardship waivers as allowed by the ordinance, with only two businesses who requested a waiver.
- As market demand increases for alternatives to polystyrene, prices for compostable products are likely to decrease even further. More demand means creating more green jobs.
- As of November 2013, 74 local jurisdictions in California have banned polystyrene disposable food containers.
- Jurisdictions in New York have also banned polystyrene disposable food containers.
- There is no market for selling used polystyrene disposable food and drink containers.
- Polystyrene foam is very difficult to bale because it breaks easily and is very lightweight.
- Only a handful of companies are known for recycling polystyrene and none of them accept food contaminated containers.
- All the attempts at recycling polystyrene food containers at different locations in the U.S. have failed including Los Angeles County (CA), San Jose (CA), and New York City.

Please pass SB1109 to protect people's health and the environment. Thank you for this opportunity to provide written testimony.

Aloha,

A handwritten signature in black ink, appearing to read "Dean Otsuki". The signature is fluid and cursive, with the first name "Dean" being larger and more prominent than the last name "Otsuki".

Dean Otsuki

From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 12:37 PM
To: AEN Testimony
Cc: soulshapeyoga@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Alyssa Kratz	Individual	Support	No

Comments: Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM, My name is Alyssa Kratz and I am a resident of Kona on Big Island. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. Polystyrene foam is one of the most littered and least recycled forms of plastic.

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SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Nikki Sanderlin	Individual	Support	No

Comments: I am writing in support of the bill that prohibits the use of polystyrene foam disposable food service ware. There is little doubt that a bill prohibiting the use of polystyrene foam disposable food service ware will aid the City, County and State in carrying out its duty to maintain and preserve the environment. Proper disposal of polystyrene foam requires that products are either directed to landfills or consumed by H-Power. Given the landfill's current state of overcapacity, any reduction in the amount of polystyrene foam disposed into the landfill will aid in the State's effort to decrease non-biodegradable waste. Furthermore, reducing the quantity of polystyrene foam sent to H-power will not only decrease the amount of resulting ash that is thereafter directed to the landfill, but it will also lessen the measure of toxic and carcinogenic-filled smoke emitted when polystyrene is converted into energy. According to the National Bureau of Standards Center for Fire Research, the combustion of polystyrene foam resulted in the release of at least 57 chemical byproducts. Styrene, a known neurotoxin and possible carcinogen, and carbon dioxide were among the byproducts identified. Polystyrene foam is also often associated with improper disposal. The polystyrene foam tends to enter waste water adversely affecting the aquatic environment. A 1993 study evaluating the composition of litter in Hawaii found that 13.1% of the State's litter consisted of takeout food packaging, which is commonly composed of polystyrene foam. With the passing of this legislation it is possible that Hawaii will have less overall litter, healthier wildlife, and cleaner storm and wastewater environments.

From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 12:24 PM
To: AEN Testimony
Cc: Silvercanyonequine@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Sunshine Eckstrom	Individual	Support	No

Comments: I support SB1109. We need it to protect our oceans, protect our wildlife, and protect our future.

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Sent: Tuesday, February 7, 2017 12:19 PM
To: AEN Testimony
Cc: lkamahele@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
LEIHAAHEO DIAS	Individual	Support	No

Comments: I support SB 1109 to ban the use of styrofoam

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 12:18 PM
To: AEN Testimony
Cc: emmaharberwhite@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Emily White	Individual	Support	No

Comments: Aloha. I urge you to support SB1109 WITHOUT the 60% recycling exception (which greatly weakens the ban), the ban on polystyrene containers. Here are some reasons to support the ban: 1. The ban will not hurt the economy and may even improve it. Studies show consumers activity will not be interrupted by switching to alternative packaging. 2. A clean and green Hawaii attracts money. Our healthy environment and beauty is our wealth. Polystyrene hurts that wealth. 3. Polystyrene lobbyists do not represent your constituents. The attempt by polystyrene lobbyists to paint polystyrene as part of the culture is cynical at best. The culture has been using healthy packaging (luau leaf, nori, and now cardboard and potato) for centuries. The polystyrene corporations are not part of the culture or any traditions. They are not the food. In sum, the people are the culture, and it is your duty to protect us from dangerous pollutants like polystyrene, especially when such easy alternatives are available. Voting in support of SB1109 is an easy choice. Mahalo, Emily White, JD, MA 67 Meheu Circle Kahului, HI 96732

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Sent: Tuesday, February 7, 2017 12:17 PM
To: AEN Testimony
Cc: rosieferdincruz@yahoo.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
rosie cruz	Individual	Support	No

Comments: I support the ban on styrofoam on the Hawaiian Island. These have been scientifically proven to be toxic to our environment. They should be banded globally; unfortunately our knowledge is slow to catch on. Let keep our beautiful Hawaiian beaches, then, cities and rainforest free from toxic waste. Thank you for listening. Mahalo.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 12:13 PM
To: AEN Testimony
Cc: christina.comfort@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Christina Comfort	Individual	Support	No

Comments: As a Makiki resident and oceanographer at University of Hawaii, I strongly support this measure. The production of polystyrene contributes large amounts of greenhouse gases to our environment, and takes an exceedingly long time (decades to hundreds of years) to break down in the ecosystem. Here in Hawaii, much of this styrofoam waste ends up on our beaches and nearshore reefs, where animals mistakenly ingest this waste product as food. I take part in many beach cleanups and SCUBA dive cleanups on our coastlines here on Oahu, and styrofoam is the worst material to come across - but also alarmingly common. Exposure to sunlight causes the structure of the foam to break into tiny pieces faster than other types of plastic, so it sheds tiny pieces throughout the environment even when we try to clean it up, and these small pieces are the most likely to be ingested by marine animals. I have personally seen styrofoam trash littered around remote beaches and reefs on Oahu, and additionally on remote wildlife refuges where no one lives - but our trash is transported via ocean currents and still has a huge impact. Styrofoam is also not successfully recycled, especially here on the islands. Some may make it to H-power, but H-power only generates a small fraction of Hawaii's energy and emits more greenhouse gases at the same time - which in the long term will only damage our island climate and reefs. Many businesses have successfully phased out styrofoam, instead opting for fiber takeaway containers. The important and long lasting benefits of this legislation far outweigh the inconvenience of businesses switching to fiber based containers.

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Sent: Tuesday, February 7, 2017 12:10 PM
To: AEN Testimony
Cc: emmaharberwhite@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Emily White	Individual	Comments Only	No

Comments: Aloha. I urge you to support SB1109, the ban on polystyrene containers. Here are some reasons to support the ban: 1. The ban will not hurt the economy and may even improve it. Studies show consumers activity will not be interrupted by switching to alternative packaging. 2. A clean and green Hawaii attracts money. Our healthy environment and beauty is our wealth. Polystyrene hurts that wealth. 3. Polystyrene lobbyists do not represent your constituents. The attempt by polystyrene lobbyists to paint polystyrene as part of the culture is cynical at best. The culture has been using healthy packaging (luau leaf, nori, and now cardboard and potato) for centuries. The polystyrene corporations are not part of the culture or any traditions. They are not the food. In sum, the people are the culture, and it is your duty to protect us from dangerous pollutants like polystyrene, especially when such easy alternatives are available. Voting in support of SB1109 is an easy choice. Mahalo, Emily White, JD, MA 67 Meheu Circle Kahului, HI 96732

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Sent: Tuesday, February 7, 2017 12:09 PM
To: AEN Testimony
Cc: Isaacjbeasley123@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Isaac	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 12:09 PM
To: AEN Testimony
Cc: mariyakai@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Mariya Gold	Individual	Support	No

Comments: I support this bill.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 12:07 PM
To: AEN Testimony
Cc: makanalani_k@yahoo.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Alicia Kahalelio	Individual	Support	No

Comments: We need to ban EPS foam in the islands. There are other available containers to use and by eliminating styrofoam as an option we can help our community care for our environment and health.

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Sent: Tuesday, February 7, 2017 12:07 PM
To: AEN Testimony
Cc: vero97@aol.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
VERONICA GRANDUSKY	Individual	Support	No

Comments: I support SB1109

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Sent: Tuesday, February 7, 2017 11:07 AM
To: AEN Testimony
Cc: wnoleson@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
William N Oleson	Individual	Support	No

Comments: It's not too late to reverse the damage we've done to our ocean, and ensure preservation of the creatures that dwell within it. The creatures we have all been fascinated by at one point in our lifetime, and continue to be. Out of site should not mean out of mind. Thank you, and may God Bless the World.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 12:02 PM
To: AEN Testimony
Cc: arianna.lunowluke@lejardinacademy.org
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Arianna Lunow-Luke	Individual	Support	Yes

Comments: SB 1109 Testimony Hearing Date: Wednesday February 8th, 2017 Hearing Time: 1:15 PM Place: Conference Room 224 Committee: Agriculture & Environment/Public Safety Intergovernmental, & Military Affairs Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM, My name is Arianna Lunow-Luke and I am a resident of the city of Kailua. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. The use of polystyrene foam containers has left a heavy footprint on our planet. The beauty of saying “our” planet is that it shows how we share it. The planet isn’t just yours or just mine to do whatever we want with. It’s everyone’s - from every adult, to every child, to every plant, and every animal, and to every future generation to come. The environmental impact of polystyrene foam is catastrophic. It is composed of over 90% air, so even when properly thrown away, foam products can easily fly out of trash bins and dumpsters and contribute to littering our natural environment, eventually polluting our ocean and threatening marine life and ocean health. Foam was made for one time use. Currently, 0% of polystyrene foam is recycled annually. Hawaii needs to switch to compostables right away. If burned at H-power, one compostable clamshell burns 1.76 times greater energy than one polystyrene foam clamshell of the same size. An analogy I like to use is that polystyrene foam is like a scar. Every piece of polystyrene foam we throw away leaves a giant scar on our planet because it will never disappear or go away. It will stay there forever and tarnish our beautiful beaches, mountains, streams, forests, and oceans. We are leaving a footprint on our planet that future generations will suffer from. Speaking as part of this upcoming generation...we don’t want to have to clean up your mess. The passing of this bill means a clean and sustainable future for all. Together, we can work to minimize the footprint we leave on our little island home. Thank you for your time.

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Cc: michelineb31@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Micheline Bourque	Individual	Support	No

Comments: I support SB1109 We need to save animals from accidentally ingesting this dangerous material.

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Sent: Tuesday, February 7, 2017 11:59 AM
To: AEN Testimony
Cc: kelseymaloney2128@yahoo.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
kelsey maloney	Individual	Support	No

Comments: This is important

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Sent: Tuesday, February 7, 2017 11:58 AM
To: AEN Testimony
Cc: bayleereports@yahoo.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Baylee Ports	Individual	Support	No

Comments:

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Sent: Tuesday, February 7, 2017 11:57 AM
To: AEN Testimony
Cc: cheyennekanani@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Cheyenne	Individual	Support	Yes

Comments: I support Bill SB 1109.

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To: AEN Testimony
Cc: nikki2244@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Nicole Chatterson	Individual	Support	Yes

Comments: Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM, My name is Nicole Chatterson and I am a resident of Manoa. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. I support this bill for a multitude of reasons, not the least of which is the economic burden currently on Hawaii tax-payer to clean EPS foam (aka Styrofoam) from our storm-drains. Hawaii State Department of Transportation has produced a trash plan that shows Styrofoam and plastic bags as the top two contributors to the waste stream. Instead of continuing to spend our precious funds on cleaning this rubbish from our storm drains and exploring expensive management technologies we should remove Styrofoam from our waste stream in the first place. Even if we focused on "litter prevention" the light-weight of Styrofoam makes it difficult to contain. Further, according to the US EPA less than 1% of Styrofoam is recycled nationally. It is not financially or environmentally worthwhile to recycle Styrofoam. Further, incinerating Styrofoam at HPOWER provide less BTU than we could get by incinerating compostable containers. In addition to the economic reasons for switching from Styrofoam there are numerous environmental threats as well as reasonable evidence of the human health threats from Styrofoam. Please have the best interest of Hawaii in mind and keep our 'aina free of Styrofoam and our tax-dollars spent wisely instead of wasting funds cleaning up a problem we could have prevented. With aloha, Nicole Chatterson Resident of Manoa Graduate Student, UH Manoa

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Sent: Tuesday, February 7, 2017 11:51 AM
To: AEN Testimony
Cc: emmanuelsonknapp@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Emma Knapp	Individual	Support	No

Comments: I support sb1109

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Sent: Tuesday, February 7, 2017 11:48 AM
To: AEN Testimony
Cc: hkaiakapu@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
HollyAnn Kaiakapu	Individual	Support	No

Comments:

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Sent: Tuesday, February 7, 2017 11:46 AM
To: AEN Testimony
Cc: piercekauai@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Pierce Murphy	Individual	Comments Only	No

Comments: No need Styrofoam polluting the land and the ocean! We can live just fine without it.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 11:37 AM
To: AEN Testimony
Cc: katie@alloneocean.org
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Katie Strong	Individual	Support	No

Comments: Styrofoam is killing our wildlife and entering our food chain. It absorbs chemicals and is unhealthy for humans and the planet.

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Sent: Tuesday, February 7, 2017 11:37 AM
To: AEN Testimony
Cc: mattybrewst@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
George Brewster	Individual	Support	No

Comments: I support SB1109 and wish to see polystyrene food containers regulated.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 11:35 AM
To: AEN Testimony
Cc: palmtree7@earthlink.net
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
janice palma-glenie	Individual	Support	No

Comments: Aloha, it's way behind time to ban styrofoam, not just for food containers but everything else. there are reasonable replacements for at least most of its uses and it's damaging environmental effects aren't worth the longterm costs of its continued use. Please show your strong support for this measure as do the people of Hawai'i Island as is evidenced by the reams of positive testimony provided in support of a styrofoam food container ban here. mahalo and sincerely, janice palma-glennie kailua-kona

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 11:32 AM
To: AEN Testimony
Cc: noahpomeroy@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Noah Pomeroy	Individual	Support	No

Comments: Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM, My name is Noah Pomeroy and I am a resident of Manoa. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. The passing of SB 1109 will be a strong step forward in Hawaii's pursuit of sustainability. The economic and environmental benefits of passing this initiative are substantial. Polystyrene presents a serious burden to storm water management systems due to its tendency to brake apart easily and float. This bill would reduce the financial burden involved in the cleanup of polystyrene from these systems. Polystyrene particles sully not only our local lands and waters, but contribute to the the enormous and insidious problem of plastic pollution in the ocean. I have spent years conducting field research in our beloved Papahanoumokuakea Marine National Monument and I have seen firsthand, the scourge of plastic pollution that plagues these otherwise pristine islands. Please pass SB 1109 in the name of protecting our precious land and water and budgetary responsibility. Sincerely, Noah Pomeroy Manoa

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Sent: Tuesday, February 7, 2017 11:32 AM
To: AEN Testimony
Cc: marandabbouchard@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Maranda Bouchard	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 11:30 AM
To: AEN Testimony
Cc: ella.aiwohi@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Ella Aiwohi	Individual	Support	No

Comments: This bill works towards a more sustainable Hawaii. Foam containers negatively impact native hawaiian species such as the Hawaiian monk seal. This bill is vital to preserving the natural resources of Hawaii and all her inhabitants, flora and fauna included.

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Sent: Tuesday, February 7, 2017 11:27 AM
To: AEN Testimony
Cc: nccary@pacbell.net
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Cick	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 11:23 AM
To: AEN Testimony
Cc: hannah.kasulka@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Hannah Kasulka	Individual	Support	No

Comments: Please pass this bill for the sake of the future of Hawaii and it's resident wildlife's future. The animals that enhabit Hawaii are suffering and at risk. This bill will ensure that they will survive and thrive for generations to come.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 11:21 AM
To: AEN Testimony
Cc: goldfish101princess@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Asia	Individual	Support	No

Comments: I support this bill as an effort to reduce pollution in the Pacific ocean and help keep the state of Hawaii in its natural beauty.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 11:18 AM
To: AEN Testimony
Cc: justpeachy242@yahoo.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Fawn Liebengood	Individual	Support	No

Comments: As an environmental nonprofit director and an ocean lover, I strongly urge you to pass SB1109. Our organization cleans up the islands 4x a day & we constantly find styrofoam in every corner of our islands from mauka to makai. This foam never degrades, but only turns into smaller particles that leak chemicals into the ground, water, and wildlife. For a few extra cents businesses can protect our environment and continue to be profitable by using styrofoam alternatives. I urge you to look at the success the ban has had on Kauai & expand on that making this ban statewide. Mahalo for your time.

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Sent: Tuesday, February 7, 2017 11:17 AM
To: AEN Testimony
Cc: radamshere2003@yahoo.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Debra Adams	Individual	Support	No

Comments: Styrofoam is disastrous for our fragile environment. Please put an end to styrofoam use in Hawaii.

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Sent: Tuesday, February 7, 2017 11:15 AM
To: AEN Testimony
Cc: mason2683@yahoo.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
David Mason	Individual	Support	No

Comments: Ban the use of styrofoam! The ocean's wildlife need our help.

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Sent: Tuesday, February 7, 2017 11:13 AM
To: AEN Testimony
Cc: kalikoamona@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Kaliko Amona	Individual	Support	No

Comments:

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Sent: Tuesday, February 7, 2017 11:11 AM
To: AEN Testimony
Cc: KGUNDERSON91@GMAIL.COM
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
kuulei gunderson	Individual	Support	No

Comments: Aloha, I entirely support SB 1109, banning the use of styrofoam in the State of Hawai'i. Hawai'i provides naturally pristine habitats and is home to many native species found nowhere else in the world. Hawai'i is host to eight of thirteen sub geographical climates, more than any other place alone. Hawai'i is unique. To keep our beautiful 'āina, its resources, and its inhabitants, from becoming polluted and suffocated I strongly request this bill be passed. Passing this bill will be greatly beneficial for future generations to protect and enjoy our wonderful home. In leading by example, hopefully other states, countries, communities, restaurants, and food trucks, will all promote good practices by investing in reusable or compostable containers and utensils. Mahalo, Me ke aloha, Ku'ulei Gunderson.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 11:08 AM
To: AEN Testimony
Cc: nickvallone0@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Nick Vallone	Individual	Support	No

Comments: I support the prohibition of styrofoam to protect marine life.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 11:06 AM
To: AEN Testimony
Cc: allips@aol.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
ali smith	Individual	Support	No

Comments: it is extremely important - for our people, our community, our animals, our environment, our beaches, our friends, our family, our future - to permanently BAN styrofoam from our lives.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 11:05 AM
To: AEN Testimony
Cc: rlangwillar_1@hotmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Romain Lang-Willar	Individual	Support	No

Comments: I strongly support sb1109. Thank you for your understanding, our fingers are crossed.

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From: mailinglist@capitol.hawaii.gov
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To: AEN Testimony
Cc: darencib@hawaii.edu
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Daniel Arencibia	Individual	Support	No

Comments: Styrofoam is one of the least biodegradable man made materials on the planet and can be replaced with alternative materials. I support this legislation because we can help reduce our footprint by using other recyclable materials and push for programs that do recycle these materials.

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Sent: Tuesday, February 7, 2017 11:03 AM
To: AEN Testimony
Cc: adominguez9@hotmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
alexis dominguez	Individual	Support	No

Comments: Its important we ban styrofoam because the wildlife and ecosystem is of more value than something that is only going to harm the earth.

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Sent: Tuesday, February 7, 2017 10:59 AM
To: AEN Testimony
Cc: moffat949@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Ashley Moffat	Individual	Support	No

Comments: I spend lots of time out in nature enjoying our beautiful island home. It saddens me when I see so much styrofoam on our beaches and in our mountains, because I know it will not break down. There are alternatives that are better for our environment and our bodies! Mahalo!

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Sent: Tuesday, February 7, 2017 10:58 AM
To: AEN Testimony
Cc: cwyii@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Charles Young	Individual	Support	No

Comments: I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 10:56 AM
To: AEN Testimony
Cc: andreaferriera@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Andrea Ferriera	Individual	Support	No

Comments: I support SB1109 to ban harmful products such as styrofoam. The higher availability there is of such products, the higher the consumption, meaning that much more ends up in our oceans. This affects not only marine life such as the highly endangered Hawaiian monk seal, but sea turtles, sharks, whales, etc. There are so many other alternatives to styrofoam, so all it is really doing is harming animals that cannot speak up for themselves. Not to mention, plastic increases our economic cost, so there is not much of a benefit for anybody!

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Sent: Tuesday, February 7, 2017 10:51 AM
To: AEN Testimony
Cc: kcatess11@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Karly Cates	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 10:53 AM
To: AEN Testimony
Cc: ellis.briana@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
briana ellis	Individual	Support	No

Comments: I support sb 1109

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Sent: Tuesday, February 7, 2017 10:51 AM
To: AEN Testimony
Cc: brianneleerico@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Brianne L. Rico	Individual	Support	No

Comments: I support SB1109!! Hawaii had prohibited the use of single use plastic bags and there are still so many businesses that don't heed the ruling. It's imperative to the wellbeing of Hawaii and its citizens to put forth more effort in reducing the amount of waste output, especially the types that are non-recyclable and non-biodegradable.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 10:48 AM
To: AEN Testimony
Cc: stephanievilchis@ymail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Stephanie Vilchis	Individual	Support	No

Comments: I support SB 1109.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 10:55 AM
To: AEN Testimony
Cc: turkeymullen@aol.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Tracy Mullen	Individual	Support	No

Comments: With Hawaii relying heavily on our oceans for both fun, work, and the tourism economy, we need to ensure we constantly are protecting the beauty of it. If our oceans fall victim to the constant dumping of pollutions that never biodegrade, we will not have a beautiful ocean anymore.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 10:48 AM
To: AEN Testimony
Cc: harrycreagh97@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Harry Creagh	Individual	Comments Only	No

Comments: I support SB1109, styrofoam is wasteful, and damaging to the environment.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 10:43 AM
To: AEN Testimony
Cc: oliverturbin1234@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
oliver	Individual	Support	No

Comments: I support an 1109 in that styrofoam should be banned due to its negative effects on the environment

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 10:42 AM
To: AEN Testimony
Cc: mfryzelka89@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Megan Fryzelka	Individual	Support	No

Comments: Do the right thing!

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 10:25 AM
To: AEN Testimony
Cc: bradythomas@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Joshua Thomas	Individual	Support	Yes

Comments: I am in strong support of the ban of styrofoam! I think it is very important for us to get rid of this, and move more in the direction of being an ocean friendly state. There are many more environmentally friendly alternatives to styrofoam. As a state that sits right in the middle of the ocean, we should be trying to protect it from harm caused by us. I personally see styrofoam floating out in the ocean every time I go out. I also see it blowing around in the wind when it gets pulled off the top of a trash can near the beach. This material does not biodegrade and is harmful to all of our environment.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 10:39 AM
To: AEN Testimony
Cc: cmotley@hawaii.edu
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
caroline motley	Individual	Support	No

Comments: malama the aina for the sake of the keiki

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 10:21 AM
To: AEN Testimony
Cc: rochoy@queens.org
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
rodney choy	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 10:36 AM
To: AEN Testimony
Cc: konakulalauleia@yahoo.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
kent hwang	Individual	Support	No

Comments: This just makes sense. Mahalo!

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 10:21 AM
To: AEN Testimony
Cc: yurichop@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
yuri cardenas	Individual	Support	No

Comments: Hearing Date: Wednesday February 8th, 2017 Hearing Time: 1:15 PM
Place: Conference Room 224 Committee: Agriculture & Environment/Public Safety Intergovernmental, & Military Affairs Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM, My name is Yuri Cardenas and I am a former resident of Kauai and California. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. Polystyrene foam is one of the most littered and least recycled forms of plastic. I came to Kauai and immediately saw the use of polystyrene everywhere. I got involved with Surfrider and ZeroWaste to get rid of styrofoam. It was banned in San Francisco and more than 100 municipalities across the country have banned the use of polystyrene takeout containers, citing health and environmental concerns. I understand the plastic foam companies lobby against this ban. I am sorry to hurt their business. However plastic foam is unnecessary, potentially harmful to our health, and wasteful, so please ban it now. Cleanup Costs & Economic Benefits: Hawaii State Department of Transportation (DOT) just produced a trash plan that shows styrofoam and plastic bags as the top two contributors to the waste stream. The plan says that banning these wasteful single-use products could save the state millions of dollars. The Natural Resource Defense Council (NRDC) created a plastic cleanup valuation study for 90+ counties in California, showing that tax payers bear the burden of cleanup costs: CA taxpayers are paying \$428 million per year to clean up plastic through storm drain management, street sweeping, and cleanups. San Diego County (with population of 1.3 equivalent to Hawaii) spends \$14 million each year cleaning up plastic litter. United Nations Environmental Program estimates that it costs billions globally to clean up plastics, \$14 billion for marine plastics alone. To clean up this litter, much of the burden has been put on environmental groups whose volunteers spend thousands of hours cleaning up Hawaii's beaches and coastal areas. Environmental Impact: The U.S. Environmental Protection Agency (EPA) published a report showing that burning polystyrene emits more carbon dioxide equivalent than other plastics. If burned at HPower, one compostable clamshell burns 1.76 times greater energy compared to one EPS Foam clamshell of the same size without the toxic ash or smoke that EPS foam creates in the burning process. The material for fiber containers can be grown and made in Hawaii, and that would create more sustainable

jobs and not expose workers to large amounts of toxic chemicals. EPS Foam is designed to be used once, and according to the US EPA less than 1% of foam is recycled nationally. 0% of EPS Foam is recycled locally. EPS Foam is composed of over 90% air. So foam products easily fly out of trash bins and dumpsters and enter into the natural environment. They pollute our coastal waters and negatively impact ocean health and threaten marine wildlife. EPS Foam also breaks apart more easily than other plastics, making it more difficult to clean up and easier for animals to mistake it as food and ingest. According to the EPA Waste Reduction Model Report, 7% of plastic waste generation in US is polystyrene. Human Health Styrene is a confirmed animal carcinogen and a suspected human carcinogen (The National Institute of Health, 2011); this conclusion is also endorsed by the National Academy of Sciences (2014) When combusted, styrene produces many harmful and possibly carcinogenic byproducts.

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Sent: Tuesday, February 7, 2017 10:34 AM
To: AEN Testimony
Cc: ktrosefranklin@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Katie Franklin	Individual	Support	No

Comments: I am a resident of Aiea and I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 10:30 AM
To: AEN Testimony
Cc: kvale@ntbg.org
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
kava vale	Individual	Comments Only	No

Comments: My name is kava vale and I am a resident of Kauai. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 10:28 AM
To: AEN Testimony
Cc: ekjones@hawaii.edu
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Emily Jones	Individual	Support	No

Comments: Thank for for the opportunity to provide comments in support of this bill. This measure would greatly decrease the amount of non-biodegradable waste created in Hawai'i and would relieve some of the burden on the environment and marine life.

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To: AEN Testimony
Cc: whunter@queens.org
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
W. Hunter	Individual	Support	No

Comments:

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Sent: Tuesday, February 7, 2017 10:20 AM
To: AEN Testimony
Cc: jessieerp@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Jessica Rosengreen	Individual	Support	No

Comments: I support SB1109 to protect the incredible animals of the beautiful islands of Hawaii, like the endangered Hawaiian monk seal.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 10:20 AM
To: AEN Testimony
Cc: timosull@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Timothy Sullivan	Individual	Support	No

Comments: Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM, My name is Timothy Sullivan and I am a resident of Hilo. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. Polystyrene foam is one of the most littered and least recycled forms of plastic, and it's removal from our islands would benefit all generations and natural systems to come.

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Sent: Tuesday, February 7, 2017 10:19 AM
To: AEN Testimony
Cc: jepark@queens.org
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Jeanie Park	Individual	Support	No

Comments:

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Sent: Tuesday, February 7, 2017 10:15 AM
To: AEN Testimony
Cc: redoxrxn33@yahoo.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Erica Baer	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 10:13 AM
To: AEN Testimony
Cc: madison.furlong@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Madison Furlong	Individual	Support	No

Comments: Styrofoam containers are non degradable, continue to pollute the islands and the oceans, and there are alternatives (like cardboard) that have much less impact! Ban polystyrene!!

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 10:04 AM
To: AEN Testimony
Cc: ktcryer11@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
katherine cryer	Individual	Support	No

Comments: Polystyrene is one of the most unsustainable product materials and should be banned. We have many alternative biodegradable options available. Let's please invest in the health and beauty of our environment by banning polystyrene.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 10:00 AM
To: AEN Testimony
Cc: kilohanah@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Reis Haituka	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:56 AM
To: AEN Testimony
Cc: dickeyjan332@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Jan Dickey	Individual	Support	No

Comments: There is no reason to be using this non-biodegradable materials when paper exists.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:55 AM
To: AEN Testimony
Cc: wingleefong@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Wing Fong	Individual	Support	No

Comments: Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM, My name is Wing Fong and I am a resident of Kalaheo, Kauai. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. Sincerely, Wing Fong

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:55 AM
To: AEN Testimony
Cc: cudromedos@housat.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
mendez	Individual	Support	No

Comments: I support SB1109. Please help stop the poisoning, later on workout a better solution to the problem. the compenies will adjust quickly ! the animals will not adjust!
Thanks

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:52 AM
To: AEN Testimony
Cc: anderson.lauriej@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Laurie Montgomery	Individual	Comments Only	No

Comments: Aloha Chairs Gabbard and Nishimara, Members of the joint committee on AE & PSM, My name is Laurie Montgomery and I am a resident of the Island of Hawaii. I am writing in full support SB1109 to prohibit the use of polystyrene foam containers by food vendors. Polystyrene foam is one of the most littered and least recycled forms of plastic. Sincerely, Laurie Montgomery

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:51 AM
To: AEN Testimony
Cc: dabney.gough@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Dabney Gough	Individual	Support	No

Comments: Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM, My name is Dabney Gough and I am a resident of Oahu. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. Plastic is costing cities, counties, states, & countries millions of dollars and our global economy billions. Costs are passed to the taxpayers by burdening our storm water management systems with the need for expensive best management practices and the costs of cleanups. It is argued that styrofoam is acceptable because we can incinerate it for energy. However, this approach is not without significant impacts. According to the Hawaii DOH Clean Air Branch the Covanta H-POWER plant emits 0.15 million metrics tons of carbon dioxide (a potent greenhouse gas) annually. Although touted as a “clean energy solution” for Hawaii, H-POWER only generates about 3% of Oahu’s energy needs while still emitting greenhouse gases through burning plastic. When combusted, styrene produces benzaldehyde (US EPA classifies this as a hazardous substance), acetophenone (Group D carcinogen by US EPA, causes chromosomal damage on hamsters, but hasn’t been tested in humans), styrene oxide (main metabolite of styrene, which is known carcinogenic, and considered possibly carcinogenic).

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:50 AM
To: AEN Testimony
Cc: aileenwilkie@hotmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
A Wilkie	Individual	Support	No

Comments: Please support the ban on Styrofoam, there are alternative less toxic options available. Thank you.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:49 AM
To: AEN Testimony
Cc: silviarom3ro@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Silvia Romero	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:48 AM
To: AEN Testimony
Cc: shyunueno@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Shyun Ueno	Individual	Support	No

Comments: I humbly ask that we support this ban on polystyrene in Hawaii. A ban on polystyrene is not only healthy for the environment but also for ourselves. There can be no reasonable argument made against such a ban that results in a net benefit for our community. We must move to a more sustainable way to deliver our food to one another and be conscious of the significant impact these everyday uses can have on us and our surroundings. With respect and appreciation, Shyun Ueno

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:48 AM
To: AEN Testimony
Cc: kathleen.elliott808@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Kathleen Elliott	Individual	Support	No

Comments: My name is Kathleen Elliott and I live in Honolulu. I support this bill. I would love to see our island discontinue use of Styrofoam completely. It is terrible for our environment. It gets in the ocean and in marine life. There are good alternatives. Many places have banned polystyrene. We can too. Pleased support our environment and ban polystyrene! Mahalo

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:45 AM
To: AEN Testimony
Cc: southcoastnsw@surfrider.org.au
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
susie crick	Individual	Support	No

Comments: I support SB 1109 because styrofoam Cleanups cost counties millions in Cleanups and the long lasting devastating effects of styrofoam is disastrous. Styrofoam is top of the list of Hawaii's waste stream and the styrofoam scourge is decimating our marine wildlife. Styrofoam can be easily replaced by Fiber containers that can be grown on the Hawaiian islands and create an environmentally safe business model that will sustain us. Styrofoam is a human carcinogen and most assuredly an animal carcinogen. I urge you to ban styrofoam. Thank you. Susie Crick

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:44 AM
To: AEN Testimony
Cc: tcockerl82@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Tashia	Individual	Support	No

Comments: I support SB1109

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:40 AM
To: AEN Testimony
Cc: eijzenga@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Heather Eijzenga	Individual	Support	No

Comments: My name is Heather Eijzenga and I am a resident of Kailua, Oahu. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. Please, there are much better alternatives for our island. If vendors need to charge a little more, it's worth it!

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:32 AM
To: AEN Testimony
Cc: jesse.nordwall@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Jesse Nordwall	Individual	Support	No

Comments: Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM, My name is Jesse Nordwall and I am a resident of The Big Island. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. Polystyrene foam is one of the most littered and least recycled forms of plastic.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:32 AM
To: AEN Testimony
Cc: mamanirvana4@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Etta Karth	Individual	Support	No

Comments: Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM, My name is Etta Karth and I am a resident of the Big Island of Hawaii. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors on this island, as well as the entire archipelago. Polystyrene foam is one of the most littered and least recycled forms of plastic, and to be honest, I'm really, really, really tired of attempting to enlighten people, and even more tired of picking up polystyrene that has not been disposed of properly. In addition, being a former employee with NOAA working with Papahanaumokuakea Marine National Monument and seeing the negative impacts kill precious wildlife in a place that is largely unknown to the general public, it is sickening that Hawaii hasn't done more to prevent such a thing from occurring and seems resistant to becoming an example for the rest of the world by making steps in the sustainable direction, regardless of the monetary costs. A hui hou, Etta Karth

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:29 AM
To: AEN Testimony
Cc: nattirose@hotmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
nathalie Rose	Individual	Support	No

Comments: styrofoam is no good, please consider banning this material! for the love of our planet, and all the living beings that need our support. Thank you, Bless all!

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:29 AM
To: AEN Testimony
Cc: reagand@bgsu.edu
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Reagan Dutton	Individual	Support	No

Comments: Banning the use of polystyrene food containers would not only allow the he beaches and parks here in Hawaii to be more beautiful for the tourists and the residents but also would have exponential benefits for both the terrestrial and aquatic environments! It is causing an impact just as horrific if not worse than the single use plastic bags were. Having both of these banned would be life changing for the animals and people here in Hawaii and would do nothing but make this sanctuary even more beautiful and healthy than it already is.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:28 AM
To: AEN Testimony
Cc: Merrysiauhui@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Merry	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:28 AM
To: AEN Testimony
Cc: Christianmarquay@hotmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
MARQUAY	Individual	Support	No

Comments: I support SB1109

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:25 AM
To: AEN Testimony
Cc: veronicajm11@hotmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Veronica Morales	Individual	Oppose	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:24 AM
To: AEN Testimony
Cc: karmbruster@mail.fresnostate.edu
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Kira Armbruster	Individual	Support	No

Comments: I support SB 1109

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:23 AM
To: AEN Testimony
Cc: Wsvensson18@vermontacademy.org
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Will	Individual	Support	No

Comments: We need to save the planet I support this.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:21 AM
To: AEN Testimony
Cc: Amber.coleman2355@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Amber	Individual	Support	No

Comments: I'm in support of banning Styrofoam in Hawaii!

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:21 AM
To: AEN Testimony
Cc: samsuen@hotmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Sam Suen	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 5:33 PM
To: AEN Testimony
Cc: ebhawaii@yahoo.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Emerson Brown	Individual	Support	No

Comments: Please pass this. Our beaches are becoming so trashy

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Sent: Tuesday, February 7, 2017 5:30 PM
To: AEN Testimony
Cc: kamij9@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
kami carter	Individual	Support	No

Comments: Time to protect our future as a community. We must stop this harmful practice. We have to stop the waste now! It's not too late! Please support this bill.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 5:14 PM
To: AEN Testimony
Cc: ptgbalazs@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Paul Balazs	Department of Education	Support	Yes

Comments: First, thank you for reading this and considering this bill. It means a great deal to many of my students, my ohana, my community and myself. I'm looking forward to any partnership and building a mutual understanding of how we can all move towards a better future for Hawaii. Just a little background...For 4 years now I've worked with upwards of 600 students who've wished to engage themselves in this conversation. From projects in class and clubs, to community-wide participation with other schools, several nonprofits and even politicians. We started the school's first Earth Fest (and our now on our third annual event!) where we host entrepreneurs, federal organization NOAA, nonprofits, school groups, family markets, vegan food companies, etc. that ALL promote sustainability and a conscious move away from 1-use plastics. They commit to three or four on-the-ground community service projects EACH MONTH at beaches and trails pulling marine debris and plastic and Styrofoam trays from the ocean and off our land. In January, our school hosted Sustainable Coastlines to an audience of 500. We've invited numerous scientists and conservationists to our school to discuss this and other issues, such as water catchment, learning the importance of sustainability from a native Hawaiian perspective, the science behind sustainability, and the importance of eco-tourism etc. The students attended conferences at the University of Hawaii with the world renowned author and environmentalist Naomi Klein as well as traveled out to Kapolei to take part in most recent push to protect the Northwestern Hawaiian Islands (which they won and were so happy to watch and listen together to Barack Obama sign it and give his speech). Many of our students have graduated to go on to study environmental science, environmental law and eco-business in college looking to further this passion and the obvious growing need in our communities and world. The students are clearly engaging themselves in thinking about the environment in ways that I never did as a youth. And I've done my best to teach them and learn with them. The students have become well-aware of the H power here in Hawaii. And also aware of the hypocrisy that is recycling in Hawaii. I think to this end, we share several frustrations: Why are we so stubborn? Why do our children want this more than us? Why are we so far behind? If we can do something, anything, I think we should. If not for us, for others to see and follow. As an educator, I want nothing more to be there for my students,

personally, professionally and academically. I want them to find what they're passionate about and what they are willing to fight for, to sacrifice for and to take risks for. How can we teach this if we are not willing to do this ourselves? I know installing dish washing stations or switching to compostable products will cost more, but the long term benefits to the students and to the community of Hawaii I feel is much greater. The value of our education and their future far surpasses these additional costs of waiting for the State to change their policies. I know we're all working towards similar goals for our island community and we all face personal and shared limitations and struggles. This is mine. I have the fortune to work with some incredible students and faculty that want the same thing. I happen to know in my heart that if presented to Hawaii, and if led in the right way by our lawmakers, Hawaii would want the same thing as well. We can change. I'd love for Hawaii to set the precedent, bite the bullet and lead the change. It's a conversation that needs to be had - yesterday. I recently spoke to our Cafeteria Manager and he says he's very open and enthusiastic to the idea of going compostable but cites concern for hiring staff to man dishwashers. He agrees though it's something we must look at if our island is going to seriously consider its environment. I agree, 100%. My goal, personally and professionally, is for these students to be able to go to a school and live in a State that meets their ethical standards of responsibility in this community and in the larger world. Please consider passing this bill as well as Hb1545. We must move away from this styrofoam culture. I do not wish to live in a place where styrofoam bits make up our sand cover. If you've ever been to a beach clean-up, or seen the photos of some of our beaches on the east side, you know we're already there. It's time to put our foot down on styrofoam, and... do the right thing. Sincerely, Paul Balazs

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Sent: Tuesday, February 7, 2017 5:12 PM
To: AEN Testimony
Cc: cma96@cornell.edu
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Christina	Individual	Support	No

Comments: I support SB 1109

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 5:04 PM
To: AEN Testimony
Cc: d_rudakova@mail.ru
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Daria	Individual	Support	No

Comments: We should be respectful to those who can't protect by themselves

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 5:03 PM
To: AEN Testimony
Cc: hushsaldivar95@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Kayler Saldivar	Individual	Support	No

Comments: I support the sb1109

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Sent: Tuesday, February 7, 2017 5:00 PM
To: AEN Testimony
Cc: ss7220a@student.american.edu
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
sata s	Individual	Comments Only	No

Comments: Hello, if NYC can ban styrofoam then Hawaii can too! Hawaii has much more to suffer from styrofoam ending up on beaches, in coastal and ocean waters. Styrofoam doesn't degrade and when it melts it creates this gooey mess that is very difficult for anyone, even beach combers, to pick up. Hawaii is one of our most biodiverse states. You have been entrusted with protecting and defending this unique biodiversity. Please do so now, when you can, and ban styrofoam containers! The recycling option ensures no economic damage can occur, if styrofoam manufacturers are so concerned they can simply help out, install or benefit from the recycling centers. Ban styrofoam for the good of Hawaii! Thank you!

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 4:52 PM
To: AEN Testimony
Cc: Liz.taddei@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Liz Taddei	Individual	Support	No

Comments:

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Sent: Tuesday, February 7, 2017 4:50 PM
To: AEN Testimony
Cc: rdacks@hawaii.edu
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Rachel Dacks	Individual	Support	No

Comments: It does not make economic, environmental, or medical sense to continue to permit the use of foam. Foam pollutes our streams and oceans and is a known carcinogen. Banning foam is the ethical thing to do.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 4:49 PM
To: AEN Testimony
Cc: virginiamcassel@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Virginia Cassel	Individual	Support	No

Comments: Banning styrofoam is a step that should have been taken long ago to reduce the amount of debris in our oceans which has adverse effects on marine life. Legislation must be put in place to help us move towards healthier, cleaner oceans in support of the conservation of viable ecosystems and habitats for diverse, beautiful, and intelligent life forms.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 4:08 PM
To: AEN Testimony
Cc: mg6179@aol.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Megan Garcia	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 4:08 PM
To: AEN Testimony
Cc: c.hampton@seariders.k12.hi.us
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Camille Hampton	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 4:03 PM
To: AEN Testimony
Cc: jjfollano@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Gerard Follano	Individual	Support	No

Comments: I support SB1109

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 3:44 PM
To: AEN Testimony
Cc: sarahcieslinski@yahoo.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Sarah Cieslinski	Individual	Support	No

Comments: I support SB1109

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 3:39 PM
To: AEN Testimony
Cc: choi.jennifer@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Jen Choi	Individual	Comments Only	No

Comments: I support this bill.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 3:03 PM
To: AEN Testimony
Cc: nataliejeanf@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
natalie	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 3:35 PM
To: AEN Testimony
Cc: scott1tx@yahoo.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
S Bryant	Individual	Support	No

Comments: I support bill SB 1109

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 3:31 PM
To: AEN Testimony
Cc: lizzul24@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Christian	Individual	Support	No

Comments: Single use items are nothing but detrimental to the environment and they have to be gone. Keep Hawaii beautiful!

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 3:25 PM
To: AEN Testimony
Cc: samjbennett@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Sam Bennett	Individual	Support	No

Comments: Aloha. My name is Sam Bennett born and raised in Kona on the Big Island. I am an avid surfer and have been lucky enough to travel the world, but have seen the full destruction of polystyrene containers. I am in full support to pass this bill prohibiting the use of polystyrene to go containers. They are outdated and continue to cause more damage than benefit. Especially with better, more convenient and cost effective solutions on the market that have more usage options.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 3:25 PM
To: AEN Testimony
Cc: svbodhran@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Jason Rose	Individual	Support	No

Comments: It's insane that we're still using styrofoam for thousands out plate lunches every day in 2017!!! There are so many better, compostable material out there. It's time to stop using styrofoam.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 3:22 PM
To: AEN Testimony
Cc: mallorypanacek@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
mallory panacek	Individual	Support	No

Comments: I support SB1109 110%!!!!

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Date: February 8th, 2017
Time: 1:15pm
Place: Conference Room 224

To: Committees on Agriculture and Environment/Public Safety,
Intergovernmental, and Military Affairs
AEN Chair: Sen. Mike Gabbard
AEN Vice Chair: Sen. Gil Riviere
PSM Chair: Sen. Clarence K. Nishihara
PSM Vice Chair: Sen. Glenn Wakai

Re: Support for SB1109

Dear Chairs Gabbard and Nishihara, Vice Chairs Riviere and Wakai, and members of the Committees on Agriculture and Environment, and Public Safety, Intergovernmental, and Military Affairs:

Thank you for the opportunity to provide testimony. My name is Rachael Wade, and I am a PhD candidate at the University of Hawai'i at Mānoa (UHM). I am writing in strong support of SB1109 to ban the use of Styrofoam food containers in Hawai'i's restaurants.

I personally support this bill because garbage and non-biodegradable refuse is of particular concern to our state. The health of our land, waters, and people depend on our ability to not only dispose of our waste properly, but also be mindful of the choices we make on a day to day basis. We made great strides with the plastic ban bag, but we can continue to do better. Just like bringing our own reusable bags to the grocery store, we can also make positive changes by bringing our own reusable food containers when visiting our favorite local eateries. By passing this bill, we will set a good example for the rest of the nation and the world as people who care deeply about the environment.

As a marine botanist, my career focuses around the health and diversity of *limu*. Without proper waste management and continuously striving to choose alternatives materials and make better choices, the health of our oceans, and therefore our *limu*, will be in peril. Please support making this simple change to take essential steps towards preserving our kai and 'aina.

Thank you for your time and consideration.

Respectfully submitted,

Rachael Wade
rmwade@hawaii.edu

From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 3:16 PM
To: AEN Testimony
Cc: kadbry@icloud.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Kaden Bryant	Individual	Support	No

Comments: I support bill SB 1109 because every year countless marine individuals such as sea turtles, ingest styrofoam that has been blown into the ocean.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 3:13 PM
To: AEN Testimony
Cc: f88000001d@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Doug Killpatrick	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 3:05 PM
To: AEN Testimony
Cc: morgan.flach@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Morgan Flach	Individual	Support	No

Comments: Please pass the polystyrene restrictions. This substance is a menace to our environment. Aloha

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 3:04 PM
To: AEN Testimony
Cc: lora.linehan@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Lora Linehan	Individual	Support	No

Comments: Regarding SB1109 Lora Linehan 555 University Ave #401 Honolulu, HI 96826 I support the senate bill 1109 to ban styrofoam. As a resident of Honolulu, I live for any time spent in and around the water. I have worked on Waikiki Beach as well as on boats the operate around the south and west shores of Oahu and have noticed firsthand the devastation that non-biodegradable materials, such as styrofoam, have on the ecosystem. It just doesn't make any sense to have styrofoam containers. There are more than comparable eco-friendly product substitutes that can be obtained here in Hawaii to replace the "need" for styrofoam containers. From a more aesthetic standpoint, Hawaii is supposed to be the most beautiful place on this great earth. I have been a part of hundreds of conversations with locals and tourists alike about how prettier it would be without all the trash littering the beaches and waters. It is high time that we start getting on board with all ecological and sustainable practices in all aspects of our daily living and banning styrofoam is a great start. Thank you for your consideration to support SB1109.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 3:02 PM
To: AEN Testimony
Cc: ks25842@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Kenny Sanchez	Individual	Support	No

Comments: If passed this would greatly benefit our environment and prevent a lot of trash from entering our landfills. I hope this is passed cause a there will be a significant difference.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 2:55 PM
To: AEN Testimony
Cc: jchristo@hotmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Jessica Christopher	Individual	Support	No

Comments: Please strongly consider this ban. There are options more sustainable options for food businesses to use in place of polystyrene that quickly breakdown and help to save our oceans and overall environment. It is important to keep our island and ocean clean for us, for the economy, and for our environmental future. Thank you for your time.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 1:23 PM
To: AEN Testimony
Cc: lvansicklin@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Lauren Van Sicklin	Individual	Oppose	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 1:06 PM
To: AEN Testimony
Cc: abbybraman@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Abby Braman	Individual	Support	No

Comments: I lived in Hawaii for 3 years and believe it is the most beautiful place in the world. As a lover of the outdoors, I spent hours on the beaches and would always pick up trash while I was there. I was dismayed to realize that the trash I was collecting was typically not left on the beach but had washed there from the ocean. Thousands of small plastic bits and styrofoam pieces. These could not be effectively removed from the beach and had become part of the sand. Just heart-breaking. Please ban styrofoam so that Hawaii's beaches don't become part styrofoam.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 12:53 PM
To: AEN Testimony
Cc: Celiasmith30@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Celia smith	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 12:47 PM
To: AEN Testimony
Cc: luisandres2295@hotmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Luis Umana	Individual	Support	No

Comments: I support the SB 1109 bill on styrofoam, because it is such a polluting material, the damages the sea ecosystems, but mostly marine animal life. There are better ways yo pack food, eco-friendly, degradable and even cheaper.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 12:26 PM
To: AEN Testimony
Cc: mpahukoa@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Mary Ann Pahukoa	Individual	Support	No

Comments:

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**Senate Bill 1109: Relating to Polystyrene Foam Containers
In Strong Support**

Hearing Date: Wednesday February 8th, 2017

Hearing Time: 1:15 PM

Place: Conference Room 224

Committee: Agriculture & Environment/Public Safety Intergovernmental, & Military Affairs

Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM,

My name is Danielle Budzius and I am a resident of Kailua, Oahu. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors.

Kailua is a fast growing area of Oahu and in the five years I have been a resident, the population, the traffic, the shopping, the food vendors have grown exponentially. I am originally from a family that did not feel especially compelled about protecting the environment and living here, learning more about protecting our earth I have become increasingly aware and more educated on what can harm our earth. Styrofoam, being one of them.

I had never understood why we should not use Styrofoam and I believe that there are many people out there who don't. Many of those people are the people who visit our beaches, our mountains and our cities. If we can take the guess work out of protecting our land and oceans by providing our residents and visitors with easily compostable products that not only protect the earth but also decrease the amount of toxic emissions, then we can become a state that leads the way for a healthier country and earth. All the while, being able to provide jobs here by growing fibers that can be used to make compostable products. Let us help make Hawaii cleaner and greener by banning Styrofoam.

Thank you for taking the time to read my testimony. Aloha.

Brittney Beach
Brittneyyy_bee@yahoo.com

There are too many other environmentally friendly options to continue the use of Styrofoam. I support SB1109.

From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 11:45 AM
To: AEN Testimony
Cc: nataliekparra@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Natalie Parra	Individual	Support	No

Comments: On behalf of Keiko Conservation and our 40,000 members I would like to strongly support SB1109. I cannot remember the last time I went to the beach in Hawaii and didn't see at least a single piece of styrofoam. It's disturbing to realize that these pieces are probably older than I am and will remain on this earth much longer than I will. The only argument for the continued usage of styrofoam is one of convenience for restaurant owners and their customers. Unfortunately the cost of convenience has become far too high for our planet. Natalie Parra Co-Founder of Keiko Conservation

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Emily Yoakam

emilyoakam@gmail.com

I support the SB 1109 ban.

According to the Hawaii DOH Clean Air Branch the Covanta H-POWER plant emits 0.15 million metric tons of carbon dioxide (a potent greenhouse gas) annually. Although touted as a “clean energy solution” for Hawaii, H-POWER only generates about 3% of Oahu’s energy needs while still emitting greenhouse gases through burning plastic.

Further, for each ton of polystyrene not produced, 2.5 metric tons of carbon dioxide emissions are avoided. This directly supports Hawaii’s greenhouse gas reduction goals as stated in the Aloha + Challenge and as mandated by the US EPA.

The U.S. Environmental Protection Agency’s Waste Reduction Model (WARM) report shows that burning polystyrene emits more carbon dioxide equivalent than other plastics. For each ton of polystyrene incinerated, 1.64 tons of carbon dioxide equivalent are emitted.

Jesse B Owens, PHD

1350 Ala Moana Blvd. Apt 1209

Honolulu HI 96814

Phone 808 640 5010

Dear legislature,

I am writing to support SB1109 - State expanded polystyrene foam ban for food vendors. I personally use a re-useable clamshell when I eat lunch from vendors. The vendors are happy that I bring it, I save them a bit of money, and more importantly I am not creating un-needed waste. Lots of Styrofoam ends up in the ocean because many people eat near the beach in Hawaii. Using re-usable clamshells or alternative bio-degradable options just makes sense!

-Jesse B Owens PHD

From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:21 AM
To: AEN Testimony
Cc: tania.villalba.beltran@hotmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Tania	Individual	Support	No

Comments: I support SB1109

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:20 AM
To: AEN Testimony
Cc: mnkanaia@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Malialani Kanaiaupuni	Individual	Support	No

Comments: Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM, My name is Malialani Kana'iaupuni and I am a resident of Kailua. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. I am in eleventh grade, and attend Le Jardin Academy, and this issue is incredibly important to me. Plastic is costing cities, counties, states, & countries millions of dollars and our global economy billions. Costs are passed to the taxpayers by burdening our storm water management systems with the need for expensive best management practices and the costs of cleanups. Not only this, but styrofoam is hurting our natural ecosystems, and increasing Hawaii's carbon footprint everyday. The incineration of polystyrene foam emits carbon dioxide into the atmosphere, advancing the climate change crisis we are trying to avoid. My hope is that by banning the use of polystyrene foam we as a state will become more sustainable and urge the rest of the world to follow our lead. I appreciate your attention to this matter, and look forward to the changes this bill will invoke. Sincerely, Malialani Kana'iaupuni

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:19 AM
To: AEN Testimony
Cc: veronicateek@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Veronica Teek	Individual	Support	No

Comments: I support SB 1109.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:18 AM
To: AEN Testimony
Cc: pooja.singh2510@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Pooja	Individual	Support	No

Comments: Save the oceans, marine life, mother earth and in turn save yourself

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Sent: Tuesday, February 7, 2017 9:17 AM
To: AEN Testimony
Cc: hannah.jones@chester.ac.uk
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
HAnnah	Individual	Support	No

Comments: I support the ban

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:15 AM
To: AEN Testimony
Cc: haneybadgerr@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Han Quach	Individual	Support	Yes

Comments: I support this bill!!

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:13 AM
To: AEN Testimony
Cc: catherine.pokropek@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Catherine Pokropek	Individual	Support	No

Comments: What a hazardous wasteful material that threatens the beauty of Hawaii. I support SB1109

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:09 AM
To: AEN Testimony
Cc: sporck@hawaii.edu
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Margaret Sporck Koehler	Individual	Support	No

Comments: My name is Maggie Sporck Koehler and I am a resident of Kalaheo. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. There are a number of reasons that polystyrene foam containers cause harmful impacts on the environment as well as human health. Here are just a few of them: EPS Foam is composed of over 90% air, so even when properly disposed of, foam products easily fly out of trash bins and dumpsters, and they enter into the natural environment, eventually polluting our ocean and negatively impacting ocean health and threatening marine wildlife. EPS Foam also breaks apart more easily and quicker than other plastics, making it more difficult to clean up than other plastics and easier for animals to mistake as food and ingest. In addition, Styrene is reasonably anticipated to be a human carcinogen and a confirmed animal carcinogen as reported by the National Institute of Health in their Report on Carcinogens (2011); this conclusion is also endorsed by the National Academy of Sciences (2014).When combusted, styrene produces benzaldehyde (US EPA classifies this as a hazardous substance), acetophenone (Group D carcinogen by US EPA, causes chromosomal damage on hamsters, but hasn't been tested in humans), styrene oxide (main metabolite of styrene, which is known carcinogenic, and considered possibly carcinogenic).

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Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM,

My name is Margaret Parsons and I am a resident of Honaunau, Hawaii. I am writing to express support of measure SB1109, prohibiting the use of polystyrene foam containers by food vendors.

Upon visiting beaches clogged with plastic around the Big Island, I have no doubt that plastic accumulation is one of the largest environmental perils facing Hawai'i. Polystyrene foam is one of the most littered and least recycled forms of plastic. Not only does this blight of plastic debris cause immense harm to local ecosystems, but it also stands to clutter the pristine beaches that bring tourists and their accompanying dollars to the island. Although I think it's ridiculous to place economic growth over preservation of the island's beauty, I think it's possible to appeal to both.

I have found, visiting eating establishments around the island, that many are willing to use reusable dishes brought in by customers instead of the usual polystyrene foam container. Having reusable dishes for sale at eating establishments would be a way to for business to make additional revenue while making a decision that protects Hawai'i's future. I hope that business are willing to step up to the challenge to do what they can to protect the oceans and shorelines of the home they love.

Thank you for your consideration of my testimony,

Margaret Parsons

(406)207-3778

maggiejoparsons@gmail.com

From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:06 AM
To: AEN Testimony
Cc: lfed518@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Lauren Federico	Individual	Comments Only	No

Comments: I support SB1109!

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:06 AM
To: AEN Testimony
Cc: alinaeemsummer@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Summer Alinaeem	Individual	Support	No

Comments: Styrofoam is a dangerous, and over all useless plastic that is polluting our oceans and disrupting ecosystems. We have to make a change now or the consequences could be irreparable!

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:02 AM
To: AEN Testimony
Cc: laurenzitzman@hotmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
lauren zitzman	Individual	Comments Only	No

Comments: Please ban styrofoam! There's so many other options! Compostable products could all be processed on the island!

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:02 AM
To: AEN Testimony
Cc: westhawaiihumanesociety@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Inga Gibson	Individual	Support	No

Comments: Dear Chairs Gabbard and Nishihara, Please support SB1109 to prohibit the sale/use of Styrofoam containers. Styrofoam damages our environment and may harm or kill marine animals who ingest such material. Thank you, Inga Gibson

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 8:57 AM
To: AEN Testimony
Cc: pegases3933@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
darius teague	Individual	Support	No

Comments: No more waste, no more using things that break down and kill matinee life when disposed. It's time to use the resources we already have to create a regenerative society rather than a consumerist one.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 8:54 AM
To: AEN Testimony
Cc: lesliekwong87@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Leslie Wong	Individual	Support	No

Comments: I support SB1109. Keep Hawaii beautiful, with all its amazing wildlife!

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 8:51 AM
To: AEN Testimony
Cc: jjward77@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Johanna WArd	Individual	Support	No

Comments: I'm tired of seeing trash, especially styrofoam at the beach. There are many alternative that can be used that don't have such a huge impact on the environment. Please help keep our Oceans clean, I SUPPORT THIS BAN!!!

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 8:48 AM
To: AEN Testimony
Cc: jchee@my.hpu.edu
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
June Chee	Individual	Support	No

Comments: My name is June Chee and I am a resident of Honolulu. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. Plastic is costing cities, counties, states, & countries millions of dollars and our global economy billions. Costs are passed to the taxpayers by burdening our storm water management systems with the need for expensive best management practices and the costs of cleanups. Hawaii State Department of Transportation has produced a trash plan that shows styrofoam and plastic bags as the top two contributors to the waste stream. Please ban styrofoam from our islands!

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 8:48 AM
To: AEN Testimony
Cc: vikrantdps99@rediff.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Vikrant Sharma	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 8:46 AM
To: AEN Testimony
Cc: aclegg17@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Amanda Gabeletto	Individual	Support	No

Comments: I support SB1109

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 8:45 AM
To: AEN Testimony
Cc: pmgdtx@aol.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Paula Gaither	Individual	Support	No

Comments: I support SB1109 for the sake of saving our oceans and marine life. People can get other containers/products that are more responsible.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 8:43 AM
To: AEN Testimony
Cc: urrutiayessenia65@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Yessenia Urrutia	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 8:42 AM
To: AEN Testimony
Cc: maisanchezacosta@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Maite	Individual	Support	No

Comments: Nosotros vamos a morir y el plástico va a seguir

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Sent: Tuesday, February 7, 2017 8:39 AM
To: AEN Testimony
Cc: rhainstaubo@hotmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Rhain Staubo	Individual	Support	No

Comments: I support SB1109 and feel this should be implemented on a nationwide scale! The United States is MILES AHEAD of anyone else when it comes to technological advancements and is fully capable of leading the way forward... PLEASE do so!

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 8:37 AM
To: AEN Testimony
Cc: aajanny219@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Alexandra Janssen	Individual	Support	No

Comments: I am writing in support of the styrofoam ban in Hawaii. As a diver and ocean conservation advocate I believe that finding ways to eliminate waste in our oceans is vital to their survival which is continuously threatened by human carelessness and negligence. We have one planet... One that relies on the stability of our oceans. Every intentional action toward the preservation of our ecosystems is vital. Businesses in Hawaii have a responsibility to participate in the sustainability of the state and its oceans (which alone brings tourists and revenue to Hawaiians). It is in everyone's best interest to find better service materials for food vendors (and many biodegradable alternatives exist). Thank you for your time and consideration.

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Sent: Tuesday, February 7, 2017 8:37 AM
To: AEN Testimony
Cc: nora.kozyra@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Nora Snell	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 8:34 AM
To: AEN Testimony
Cc: mikaela.karlsson82@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Mikaela Karlsson	Individual	Support	No

Comments: I support SB1109

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 8:33 AM
To: AEN Testimony
Cc: dlouis563@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
danielle louis	Individual	Support	No

Comments: I support SB1109. Every step possible should be made to salvaging our oceans, wildlife, and planet. This will be a huge step in the right direction. I whole heartedly support.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 8:33 AM
To: AEN Testimony
Cc: alicechiao@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Alice Chiao	Individual	Support	No

Comments: Hawaiian environment and people deserve better than polystyrene. Please help preserve our world and aloha.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 8:31 AM
To: AEN Testimony
Cc: abalsley@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Amanda	Individual	Support	No

Comments: Styrofoam should be completely illegal. It DOES NOT belong in our waters or on land where it can poison and kill animals and marine life. Do the right thing and BAN STYROFOAM and POLYSTYRENE.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 8:30 AM
To: AEN Testimony
Cc: cbarbire@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
cynthia barbire	Individual	Comments Only	No

Comments: I support SB1109 - There is no need to mankind for Styrofoam.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 8:29 AM
To: AEN Testimony
Cc: triplej1978@gmail.com
Subject: *Submitted testimony for SB1109 on Feb 8, 2017 13:15PM*

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Jason Johnson	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 8:27 AM
To: AEN Testimony
Cc: jessicadincent@hotmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Jessica DiVincent	Individual	Support	No

Comments: As a visitor of Hawaii, I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. • Hawaii State Department of Transportation has produced a trash plan that shows styrofoam and plastic bags as the top two contributors to the waste stream. • The Natural Resource Defense Council (NRDC) created a plastic cleanup valuation study for 90+ counties in California: o CA taxpayers are paying \$428 million per year to clean up plastic through storm drain management, street sweeping, and cleanups. o San Diego County (with population of 1.3 equivalent to Hawaii) spends \$14 million alone on plastic cleanup • United Nations Environmental Program Global Estimates are in the billions for the global cost to cleanup plastics, \$14 billion for marine plastic alone. o This cost is closer to \$78 billion annually if all costs are considered, including the cost lost in fossil fuel production and loss of resources. • Burden on the public o According to cleanup hours recorded across Hawaii’s beach cleaning organizations and volunteer hour base rates, we spent \$750,000 - \$1 million on beach cleanups in 2016 alone. Environmental Impact • It is argued that styrofoam is acceptable because we can incinerate it for energy. However, this approach is not without significant impacts. According to the Hawaii DOH Clean Air Branch the Covanta H-POWER plant emits 0.15 million metric tons of carbon dioxide (a potent greenhouse gas) annually. Although touted as a “clean energy solution” for Hawaii, H-POWER only generates about 3% of Oahu’s energy needs while still emitting greenhouse gases through burning plastic. • Further, for each ton of polystyrene not produced, 2.5 metric tons of carbon dioxide emissions are avoided. This directly supports Hawaii’s greenhouse gas reduction goals as stated in the Aloha + Challenge and as mandated by the US EPA. • The U.S. Environmental Protection Agency’s Waste Reduction Model (WARM) report shows that burning polystyrene emits more carbon dioxide equivalent than other plastics. For each ton of polystyrene incinerated, 1.64 tons of carbon dioxide equivalent are emitted. • If burned at HPower, one compostable clamshell burns 1.76 times greater energy compared to one EPS Foam clamshell of the same size. And burning compostable products come without the toxic ash or smoke that EPS foam creates in the burning process. • Fiber clamshells are also less than half the volume of EPS, so a restaurant could fit about twice as many clamshells on the same amount of shelf space or have more space for other things. • The material for fiber

containers can be grown and then made here in Hawaii, so more jobs and sustainable ones, not jobs that are exposing workers directly to large amounts of toxic chemicals. EPS can also be made here, but raw, toxic source chemicals need to be shipped to Hawaii. • EPS is designed to be used it once, and according to the US EPA less than 1% of foam is recycled nationally. 0% of EPS Foam is recycled locally. • EPS Foam is composed of over 90% air, so even when properly disposed of, foam products easily fly out of trash bins and dumpsters, and they enter into the natural environment, eventually polluting our ocean and negatively impacting ocean health and threatening marine wildlife. • EPS Foam also breaks apart more easily and quicker than other plastics, making it more difficult to clean up than other plastics and easier for animals to mistake as food and ingest • According to the EPA Waste Reduction Model Report, 7% of plastic waste generation in US is polystyrene. Of our total plastic recovery, polystyrene makes up 0.7% of recycled plastic Human Health • Air pollution from polystyrene o Styrene is reasonably anticipated to be a human carcinogen and a confirmed animal carcinogen as reported by the National Institute of Health in their Report on Carcinogens (2011); this conclusion is also endorsed by the National Academy of Sciences (2014) o When combusted, styrene produces benzaldehyde (US EPA classifies this as a hazardous substance), acetophenone (Group D carcinogen by US EPA, causes chromosomal damage on hamsters, but hasn't been tested in humans), styrene oxide (main metabolite of styrene, which is known as carcinogenic).

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 8:21 AM
To: AEN Testimony
Cc: courtw8484@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
courtney williams	Individual	Support	No

Comments: I fully and wholeheartedly support SB1109.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 8:20 AM
To: AEN Testimony
Cc: 95archergirl@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Taylor Rossi	Individual	Support	No

Comments: I support SB 1109

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 8:20 AM
To: AEN Testimony
Cc: ctpellas@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Caitlin Pellas	Individual	Support	No

Comments: Ocean life is already being assaulted by the increasing acidity levels of the water. Give the animals a better chance of survival by decreasing toxic waste in the ocean! I support this bill to ban styrofoam.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 8:20 AM
To: AEN Testimony
Cc: timruiters@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Tim Ruiters	Individual	Support	No

Comments: I support SB 1109 to speak up for all the animals that unintentionally ingest this dangerous material.

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Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM,

My name is Anne Farahi and I am a resident of Volcano, HI. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. Polystyrene foam is one of the most littered and least recycled forms of plastic.

Anne Farahi

PO Box 1331

Volcano, HI 96785

From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 4:40 PM
To: AEN Testimony
Cc: hawaiianhomegrown@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Noa Lincoln	Individual	Support	No

Comments: I strongly support this bill

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 4:30 PM
To: AEN Testimony
Cc: sgomez@true10fitness.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Stephanie Gomez	Individual	Support	No

Comments: I support SB 1109

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 4:21 PM
To: AEN Testimony
Cc: morganhaley710@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Morgan Abel	Individual	Support	No

Comments: We are a small chain of islands in the middle of the Pacific Ocean which means our waste has a higher chance of ending up in the Pacific Ocean. This waste impacts our oceanic ecosystems including coral reefs, in-shore, deep sea, and pelagic ecosystems and the organisms that inhabit them. If polystyrene food containers are still utilized, they are part of Hawaii's waste in the ocean. Polystyrene won't break down and will stay there forever, negatively impact our ocean, and therefore, the people of Hawaii. If we care about our land, we must care about our oceans! Please stop the production of polystyrene to help conserve our land and oceans for our future generations and to keep Hawaii, Hawaii! Aloha!

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 3:46 PM
To: AEN Testimony
Cc: charissecain@hotmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
charisse Duchardt	Individual	Comments Only	No

Comments: Hello I would like to vote for SB1109 banning polystyrene food containers. Especially considering it is one of single most littered products in Hawaii. Hawaii has such a special environment being surrounded completely by fragile oceans and marine life that must be protected.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 1:49 PM
To: AEN Testimony
Cc: jprete86@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Jenna	Individual	Support	No

Comments: I've always felt strongly that styrofoam should be banned globally. Styrofoam never breaks down and always remains in the environment. In addition, I travel quite a bit for pleasure and come across styrofoam littered quite often in places it shouldn't be. For example, I was in Hawaii in September of 2016 and, in addition to the unfortunate coral bleachings, we saw significant amounts of styrofoam littered on the beaches and in the waves. Many animals are not able to tell the difference between a fish shape on the surface of the water and a piece of styrofoam and so they ingest it, not being able to process it. Styrofoam pieces are not only hazardous to the environment but they litter and taint areas that count on tourism for income.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 12:10 PM
To: AEN Testimony
Cc: caitlinmaloney22@icloud.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Caitlin Maloney	Individual	Support	No

Comments: Everything must be done to protect our planet, and banning single use plastics and styrofoam is a great place to start. Keep Hawaii beautiful!

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 12:08 PM
To: AEN Testimony
Cc: ferbiifb_94@hotmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Fernanda Flores	Individual	Support	No

Comments: I would like styrofoam to be banned because it affects marine wildlife.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 12:06 PM
To: AEN Testimony
Cc: terry8845@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Terry Schroeder	Individual	Support	No

Comments: I support the ban of styrofoam as it doesn't break down for years and it often ends up in the ocean.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 11:31 AM
To: AEN Testimony
Cc: sabrinasavinon@yahoo.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
sabrina	Individual	Support	No

Comments: Support SB1109 please help our marine life

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Lindsey Hoell, CCP
3316 Hinano St.
Honolulu, HI 96815
415-608-4110

Aloha Senators,

I wanted to submit testimony in strong support for SB1109 which would ban Styrofoam take-out containers in Hawaii.

Around 2 years ago, I was recruited by Queens Hospital's cardiac surgery program from UCSF, where I was currently working. I was so excited by the opportunity to join the welcoming healthcare community on Oahu. Queens is such wonderful facility with such a strong message of patient service and protection. Unfortunately, I soon found that one piece of the global healthcare picture was missing: the care of what we are ingesting and that impact on the environment. Queens serves all lunches on Styrofoam, which is a known carcinogen, per the National Institute of Environmental Health services (<https://www.niehs.nih.gov/>).

Due to this fact and the fact that Styrofoam takes over 1 millions years to decompose in a landfill, I was able to search and find a new program through Surfrider called Ocean Friendly Restaurants. Through this, we were able to learn about how many restaurants operate successfully without the use of Styrofoam. We recognize these restaurants in order to reward stewards of our planet, as well as learn about the impact of switching from foam products. As it turns out, most found it to have little to no economic impact on their business practices. We have well over 100 restaurants certified statewide in less than a year.

We have one planet. No argument for a product that is used so heavily as a single-use polluter can dampen the argument that every piece of Styrofoam ever created is on the planet. It's polluting our oceans and killing our fish. It's littering our freeways. And we are ingesting it, and it's poisoning our bodies.

Let's protect the beautiful people and marine life in Hawaii by banning Styrofoam.

Mahalo!
Lindsey

From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 11:11 AM
To: AEN Testimony
Cc: austinbrogdon1214@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Austin	Individual	Support	No

Comments: My name is Austin and I'm 16. I live in Florida and see all kinds of wildlife daily. I'd hate to see animals in a beautiful state such as Hawaii suffer from attempting to digest styrofoam. Styrofoam poses a massive threat to animals all across the nation, not just Hawaii, but it'd be a wonderful start to pass this ban. Thank you for your consideration.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 3:38 PM
To: AEN Testimony
Cc: sharkatak9@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Mark Bergner	Individual	Support	No

Comments: Aloha Chairs Gabbard and Nishihara, members of the joint committee on AE & PSM. My name is Mark Bergner and I am a resident of Hilo. I fully support SB 1109 to prohibit the use of polystyrene foam containers by food vendors. Polystyrene foam is one of the most littered and least recycled forms of plastic. There are MANY options that are better for our environment. Please put Hawaii on the front of this change, not coming in last. WE CAN BE LEADERS TOWARD ENVIRONMENTAL RESPONSIBILITY. Mahalo for your support.

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**Senate Bill 1109: Relating to Polystyrene Foam Containers
In Strong Support**

Hearing Date: Wednesday February 8th, 2017

Hearing Time: 1:15 PM

Place: Conference Room 224

Committee: Agriculture & Environment/Public Safety Intergovernmental, & Military Affairs

Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM,

My name is Darby Guerechit and I am a resident of Honolulu. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors.

On a personal note, I actively avoid restaurants and food vendors who I know to use Styrofoam, as I understand the devastation it inevitably causes in our waterways and oceans. If this bill passes, I believe it may actually boost business for many restaurants, whose customers may have been otherwise deterred from eating there due to objections such as mine. I moved to the islands four years ago from Seattle, WA where Styrofoam has been banned for years. Naturally, I was surprised and appalled at the ubiquity of Styrofoam used throughout Hawaii, given our close relationship to the ocean and nature.

There is ample evidence that our state is ready for this step forward and commitment to a cleaner, healthier environment. Please see below.

Mahalo,
Darby Guerechit

Cleanup Costs & Economic Benefits

- Plastic is costing cities, counties, states, & countries millions of dollars and our global economy billions. Costs are passed to the taxpayers by burdening our storm water management systems with the need for expensive best management practices and the costs of cleanups.
- Hawaii State Department of Transportation has produced a trash plan that shows styrofoam and plastic bags as the top two contributors to the waste stream.¹
- The Natural Resource Defense Council (NRDC) created a plastic cleanup valuation study for 90+ counties in California:²
 - CA taxpayers are paying \$428 million per year to clean up plastic through storm drain management, street sweeping, and cleanups.

¹ http://www.stormwaterhawaii.com/swmp_wp/wp-content/uploads/2014/10/Trash-Reduction-Plan_FINAL-10-18-16.pdf

² <https://www.nrdc.org/sites/default/files/ca-pollution-in-waterways-IB.pdf>

- San Diego County (with population of 1.3 equivalent to Hawaii) spends \$14 million alone on plastic cleanup
- United Nations Environmental Program Global Estimates are in the billions for the global cost to cleanup plastics, \$14 billion for marine plastic alone.³
 - This cost is closer to \$78 billion annually if all costs are considered, including the cost lost in fossil fuel production and loss of resources.
- Burden on the public
 - According to cleanup hours recorded across Hawaii's beach cleaning organizations and volunteer hour base rates, we spent \$750,000 - \$1 million on beach cleanups in 2016 alone.

Environmental Impact

- It is argued that styrofoam is acceptable because we can incinerate it for energy. However, this approach is not without significant impacts. According to the Hawaii DOH Clean Air Branch the Covanta H-POWER plant emits 0.15 million metric tons of carbon dioxide⁴ (a potent greenhouse gas) annually. Although touted as a "clean energy solution" for Hawaii, H-POWER only generates about 3% of Oahu's energy needs⁵ while still emitting greenhouse gases through burning plastic.
- Further, for each ton of polystyrene not produced, 2.5 metric tons of carbon dioxide emissions are avoided. This directly supports Hawaii's greenhouse gas reduction goals as stated in the Aloha + Challenge and as mandated by the US EPA.⁶
- The U.S. Environmental Protection Agency's Waste Reduction Model (WARM) report shows that burning polystyrene emits more carbon dioxide equivalent than other plastics. For each ton of polystyrene incinerated, 1.64 tons of carbon dioxide equivalent are emitted.
- If burned at HPower, one compostable clamshell burns 1.76 times greater energy compared to one EPS Foam clamshell of the same size. And burning compostable products come without the toxic ash or smoke that EPS foam creates in the burning process.
- Fiber clamshells are also less than half the volume of EPS, so a restaurant could fit about twice as many clamshells on the same amount of shelf space or have more space for other things.
- The material for fiber containers can be grown and then made here in Hawaii, so more jobs and sustainable ones, not jobs that are exposing workers directly to large amounts

³ www.unep.org/pdf/ValuingPlastic/

⁴ <http://energy.hawaii.gov/wp-content/uploads/2011/10/ghg-inventory-20081.pdf>

⁵ www.islandpulse.org

⁶ <https://www3.epa.gov/epawaste/conservation/tools/warm/pdfs/Plastics.pdf>

of toxic chemicals. EPS can also be made here, but raw, toxic source chemicals need to be shipped to Hawaii.

- EPS is designed to be used it once, and according to the US EPA less than 1% of foam is recycled nationally. 0% of EPS Foam is recycled locally.
- EPS Foam is composed of over 90% air, so even when properly disposed of, foam products easily fly out of trash bins and dumpsters, and they enter into the natural environment, eventually polluting our ocean and negatively impacting ocean health and threatening marine wildlife.
- EPS Foam also breaks apart more easily and quicker than other plastics, making it more difficult to clean up than other plastics and easier for animals to mistake as food and ingest
- According to the EPA Waste Reduction Model Report, 7% of plastic waste generation in US is polystyrene. Of our total plastic recovery, polystyrene makes up 0.7% of recycled plastic

Human Health

- Air pollution from polystyrene
 - Styrene is reasonably anticipated to be a human carcinogen and a confirmed animal carcinogen as reported by the National Institute of Health in their Report on Carcinogens (2011); this conclusion is also endorsed by the National Academy of Sciences (2014)⁷
 - When combusted, styrene produces benzaldehyde (US EPA classifies this as a hazardous substance), acetophenone (Group D carcinogen by US EPA, causes chromosomal damage on hamsters, but hasn't been tested in humans), styrene oxide (main metabolite of styrene, which is known as carcinogenic).

⁷ <https://www.niehs.nih.gov/health/topics/agents/styrene/index.cfm>

February 7, 2017

Dear Elected Officials of our Island Communities,

My name is Spencer Reemelin and I am writing this testimony to support the Styrofoam Ban (SB1109). Although some responsible businesses do offer ONLY compostable takeout containers and utensils, most prefer to continue to use Styrofoam in order to save money. The problem with this model: the taxpayers and ultimately the environment pay for this cheap and filthy Styrofoam plate lunch. Across the board and all together we need to kick this backward thinking out for good! Why? (Asks the person with a myopic understanding of space and time and a real “me-me /now-now” consumer attitude). Well, let me tell that person why.

1. Tourism: We all know that without tourism we're in real economic trouble in Hawai'i. Let's preserve and clean up our beautiful islands for tourists. Let's be leaders in banning Styrofoam!

2. Local family's health and the environment: From the Mauka to Makai we are finding Styrofoam contaminating our environment. It's in our streams, rivers, beaches, streets, reefs, sewers—you name it! Styrofoam (polystyrene) is highly toxic and is now moving down our very own food chain when we eat fish. Furthermore, it indirectly costs taxpayers millions of dollars every year. Let's be leaders in Hawai'i and ban Styrofoam!

I thank Surfrider Foundation and Sustainable Coastlines for educating the public on this matter! Please join us TO DO WHAT IS RIGHT for the people and the islands of Hawai'i and ban Styrofoam now!

Mahalo malama pono!

Spencer Reemelin

3038 A Makini St.
Honolulu, HI 96815

reemelin@hawaii.edu

(808)265-7174

**Senate Bill 1109: Relating to Polystyrene Foam Containers
In Strong Support**

Hearing Date: Wednesday February 8th, 2017

Hearing Time: 1:15 PM

Place: Conference Room 224

Committee: Agriculture & Environment/Public Safety Intergovernmental, & Military Affairs

Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM,

My name is Mark Koller and I am a resident of Honolulu, HI. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors.

I used to live in Portland, OR. Portland has probably the most thriving food truck scene in the US. All the trucks do not use Styrofoam, as it is banned. This leads me to believe that the argument that banning styrofoam would have a negative impact in the plate lunch culture in Hawaii is just not true.

**Senate Bill 1109: Relating to Polystyrene Foam Containers
In Strong Support**

Hearing Date: Wednesday February 8th, 2017

Hearing Time: 1:15 PM

Place: Conference Room 224

Committee: Agriculture & Environment/Public Safety Intergovernmental, & Military Affairs

Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM,

My name is Courtney Cacace and I am a resident of Honolulu. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors.

As an island community that relays upon the natural health and beauty of marine and coastal environments for both our economic and personal wellbeing, we have an obligation to protect these resources from degradation. This is also about respect and pride in our local neighborhood communities. Every week I pick-up multiple styrofoam containers from my front yard that have presumably blown out of neighbors trash cans. In my personal life I try to avoid the use of single use plates, containers, and utensils, especially styrofoam by I bring my own reusable plate and utensils to barbeques/potlucks and avoid eating at establishments that only offer styrofoam containers, to the extent practical.

The flowing list highlights some of the environmental, health and economic impacts related to the continued use of single use styrofoam containers.

- Hawaii State Department of Transportation has produced a trash plan that shows styrofoam and plastic bags as the top two contributors to the waste stream.¹
- United Nations Environmental Program Global Estimates are in the billions for the global cost to cleanup plastics, \$14 billion for marine plastic alone.²
 - This cost is closer to \$78 billion annually if all costs are considered, including the cost lost in fossil fuel production and loss of resources.
- It is argued that styrofoam is acceptable because we can incinerate it for energy. However, this approach is not without significant impacts. The U.S. Environmental Protection Agency's Waste Reduction Model (WARM) report shows that burning polystyrene emits more carbon dioxide equivalent than other plastics. For each ton of polystyrene incinerated, 1.64 tons of carbon dioxide equivalent are emitted.

¹ http://www.stormwaterhawaii.com/swmp_wp/wp-content/uploads/2014/10/Trash-Reduction-Plan_FINAL-10-18-16.pdf

² www.unep.org/pdf/ValuingPlastic/

- Further, for each ton of polystyrene not produced, 2.5 metric tons of carbon dioxide emissions are avoided. This directly supports Hawaii's greenhouse gas reduction goals as stated in the Aloha + Challenge and as mandated by the US EPA.³
- If burned at H-Power, one compostable clamshell burns 1.76 times greater energy compared to one EPS Foam clamshell of the same size. And burning compostable products come without the toxic ash or smoke that EPS foam creates in the burning process.
- When combusted, styrene produces benzaldehyde (US EPA classifies this as a hazardous substance), acetophenone (Group D carcinogen by US EPA, causes chromosomal damage on hamsters, but hasn't been tested in humans), styrene oxide (main metabolite of styrene, which is known as carcinogenic).
- EPS is designed to be used it once, and according to the US EPA less than 1% of foam is recycled nationally. 0% of EPS Foam is recycled locally.
- EPS Foam is composed of over 90% air, so even when properly disposed of, foam products easily fly out of trash bins and dumpsters, and they enter into the natural environment, eventually polluting our ocean and negatively impacting ocean health and threatening marine wildlife.
- EPS Foam also breaks apart more easily and quicker than other plastics, making it more difficult to clean up than other plastics and easier for animals to mistake as food and ingest
- According to the EPA Waste Reduction Model Report, 7% of plastic waste generation in US is polystyrene. Of our total plastic recovery, polystyrene makes up 0.7% of recycled plastic

³ <https://www3.epa.gov/epawaste/conservation/tools/warm/pdfs/Plastics.pdf>

SB 1109 Testimony:

Hearing Date: Wednesday February 8th, 2017

Hearing Time: 1:15 PM

Place: Conference Room 224

Committee: Agriculture & Environment/Public Safety Intergovernmental, & Military Affairs

Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM,

My name is James Callahan and I am a resident of Manoa valley. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors.

The use of polystyrene containers in the food industry needs to evolve to find more sustainable alternatives. I understand why businesses in the food industry choose polystyrene containers, polystyrene is convenient, plentiful, and cheap. It is significantly less expensive than other alternatives. It cuts down on the owners costs, and increases their profit margin ever so slightly.

However, as a citizen and customer of many restaurants in Honolulu, I'm always shocked when I ask for a to-go box and receive polystyrene. This material does not decompose. It will be around for a million years.

Additionally, I do not think it is safe to eat food from a polystyrene container because the surface is fragile and easily damaged when sticking a piece of food with a fork or chopstick. If I had a choice, I'd be happy to pay for a to-go box that was not made of polystyrene.

In the modern world we live, I believe we can move away away from a practice that is at least 30 years old and find a new and safe decomposable solution.

Sincerely,

James Callahan
Honolulu, 96822

From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 10:06 AM
To: AEN Testimony
Cc: lanimonroe@hotmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Iani Galetto	Individual	Support	No

Comments: Styrofoam is carcinogenic, toxic for humans and the environment! Public schools statewide currently serve lunch on styrofoam trays... meaning every day our keiki are exposed to this toxic mess. It breaks up when heated. Our kids our actually ingesting poison daily. We live on islands with finite landfill space. We depend on healthy oceans to give us sustenance. Our economy depends on tourism... keeping our lands clean and healthy promotes a healthy tourism economy. Styrofoam has been proven toxic to the environment, humans and animals. It needs to be taken off the market. It is a totally unnecessary single use product that is essentially made to be discarded. It is impossible to clean up off the beach since it breaks into tiny particles and gets blown into the ocean where fish and marine mammals are poisoned by it. People will always choose the cheaper, more convenient option. Change has to come from the top, at the production level, or we will never be rid of it. Please do the right thing and ban styrofoam!

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 9:41 AM
To: AEN Testimony
Cc: neftalicm@outlook.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Nef	Individual	Support	No

Comments: I support SB 1109!!!

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Sent: Tuesday, February 7, 2017 9:38 AM
To: AEN Testimony
Cc: leahlaramée@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Leah Laramée	Individual	Support	No

Comments: My name is Leah Laramée and I am a resident of Honolulu. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors.

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Sent: Tuesday, February 7, 2017 9:21 AM
To: AEN Testimony
Cc: ashleyslinicole@gmail.com
Subject: Submitted testimony for SB1109 on Feb 8, 2017 13:15PM

SB1109

Submitted on: 2/7/2017

Testimony for AEN/PSM on Feb 8, 2017 13:15PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
ashley nicole garcia	Individual	Support	No

Comments: I support sb 1109

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February 7, 2017

Aloha Chairs Gabbard & Nishihara, Members of the joint committee on AE & PSM,

My name is Barbara Wiedner and I am a resident of Kapaa, Kauai. I am writing in full support of SB1109 to prohibit the use of polystyrene foam containers by food vendors. Polystyrene foam is one of the most littered and least recycled forms of plastic.

[INSERT YOUR PERSONAL OBSERVATIONS, OPINIONS, & STORIES ON FOAM HERE AND THEN CHOOSE YOUR FAVORITE TALKING POINTS BELOW TO INCLUDE]

Themes: Here are some bullet points (Feel free to copy & paste your favorites;-)

Cleanup Costs & Economic Benefits:

Hawaii State Department of Transportation (DOT) just produced a trash plan that shows styrofoam and plastic bags as the top two contributors to the waste stream. The plan says that banning these wasteful single-use products could save the state millions of dollars.

The Natural Resource Defense Council (NRDC) created a plastic cleanup valuation study for 90+ counties in California, showing that tax payers bear the burden of cleanup costs:

CA taxpayers are paying \$428 million per year to clean up plastic through storm drain management, street sweeping, and cleanups.

San Diego County (with population of 1.3 equivalent to Hawaii) spends \$14 million each year cleaning up plastic litter.

United Nations Environmental Program estimates that it costs billions globally to clean up plastics, \$14 billion for marine plastics alone.

To clean up this litter, much of the burden has been put on environmental groups whose volunteers spend thousands of hours cleaning up Hawaii's beaches and coastal areas.

Environmental Impact:

The U.S. Environmental Protection Agency (EPA) published a report showing that burning polystyrene emits more carbon dioxide equivalent than other plastics.

If burned at HPower, one compostable clamshell burns 1.76 times greater energy compared to one EPS Foam clamshell of the same size without the toxic ash or smoke that EPS foam creates in the burning process.

The material for fiber containers can be grown and made in Hawaii, and that would create more sustainable jobs and not expose workers to large amounts of toxic chemicals.

EPS Foam is designed to be used once, and according to the US EPA less than 1% of foam is recycled nationally. 0% of EPS Foam is recycled locally.

EPS Foam is composed of over 90% air. So foam products easily fly out of trash bins and dumpsters and enter into the natural environment. They pollute our coastal waters and negatively impact ocean health and threaten marine wildlife.

EPS Foam also breaks apart more easily than other plastics, making it more difficult to clean up and easier for animals to mistake it as food and ingest.

According to the EPA Waste Reduction Model Report, 7% of plastic waste generation in US is polystyrene.

Human Health

Styrene is a confirmed animal carcinogen and a suspected human carcinogen (The National Institute of Health, 2011); this conclusion is also endorsed by the National Academy of Sciences (2014)

When combusted, styrene produces many harmful and possibly carcinogenic byproducts.

I am involved with Surfrider Foundation Kauai Chapter. Last year we removed 80,000 lbs. of debris off of Kauai's coastlines. This ban would be a step in the right direction.

Mahalo Nui Loa

Barbara Wiedner

1774 Puu Kaa St, Kapaa, HI 96746

808-635-2593