DAVID Y. IGE GOVERNOR OF HAWAII



STATE OF HAWAII DEPARTMENT OF HEALTH

P. O. Box 3378 Honolulu, HI 96801-3378 doh.testimony@doh.hawaii.gov

Testimony COMMENTING on SB0367 SD1 HD1 RELATING TO ENVIRONMENTAL PROTECTION

REPRESENTATIVE ROY M. TAKUMI, CHAIR HOUSE COMMITTEE ON CONSUMER PROTECTION & COMMERCE

REPRESENTATIVE CHRIS LEE, CHAIR HOUSE COMMITTEE ON JUDICIARY

Hearing Date: March 20, 2019 Room Number: 329

- Fiscal Implications: Approximately \$1,000,000 annually.
 Department Testimony: This bill proposes to prohibit the sale of polystyrene foam containers and to also prohibit their use by restaurants.
 The Department of Health (Department) recognizes the urgency to address the impact of plastic litter on the environment. However, we note that the proposed ban duplicates existing polystyrene food
 - litter on the environment. However, we note that the proposed ban duplicates existing polystyrene food container bans that are active, or about to begin, in Hawaii County and Maui County.

 We also note that language providing for penalties was removed in the latest bill revision. If the Legislature intends for the bill to be self-implementing, then Section 3 of the bill relating to rules should

be deleted. However, if the Legislature intends for the Department to enforce this new chapter, then the

bill should be revised to include inspection and enforcement authorities, and penalty amounts for

11 violations.

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- Finally, we note that sales prohibitions do not fit into the area(s) of responsibility of any of the Department's existing regulatory programs. The Department has not enforced litter laws since the abolishment of the Litter Control Office in the late 1990s. We estimate that to re-establish the Litter Control Office with an administrator, one clerical position, and a single inspector for each county will cost approximately \$1,000,000 annually.
- We ask that any mandates or appropriation made to implement this measure not impact the priorities identified in the Governor's Executive Budget Request and the Department's appropriations and personnel priorities.
 - Thank you for the opportunity to testify on this measure.



SB367 SD1 HD1 RELATING TO ENVIRONMENTAL PROTECTION

House Committee on Consumer Protection & Commerce House Committee on Judiciary

March 20, 2019 2:00 p.m. Room 329

The Office of Hawaiian Affairs (OHA) <u>SUPPORTS</u> SB367 SD1 HD1, which would prohibit the sale of polystyrene foam containers or the use of such containers by restaurants, thereby helping to reduce the impacts of plastic waste on our native wildlife, marine and coastal resources, and associated Native Hawaiian traditional and customary practices.

Single-use plastics, such as polystyrene foam containers, have a well-established impact on native species of cultural significance, including endangered as well as subsistence resource species. For example, global production of polystyrene exceeds 300 million tons annually; approximately 50 percent of that production is disposed of indiscriminately into the environment, causing significant negative environmental impacts. In Hawaiian waters, the ingestion of discarded plastic debris including polystyrene by native seabirds, such as molī, as well as by endangered honu, is a well-documented phenomenon that may have highly injurious or even fatal consequences. Notably, such species hold special significance in Hawaiian culture and traditions: the cultural importance of seabirds includes their role in navigation, meteorology, craftwork, and in their spiritual symbolic significance: likewise, honu are also featured in numerous mo'olelo, hula, ki'i pōhaku, and other art forms, and were traditionally raised and harvested for food, medicinal, and other purposes. Such plastic debris may also be ingested by other marine fauna, and its bioaccumulation through the food web may adversely affect numerous other native and culturally significant marine species. Therefore, reducing or eliminating the amount of disposable polystyrene foam containers in Hawai'i may help to mitigate the impact of plastics on the native and endangered marine species in our islands' waters.

OHA further notes that plastic waste such as polystyrene may also threaten the perpetuation of Native Hawaiian cultural and subsistence practices. For example, the toxins contained in discarded polystyrene, including those found in polystyrene itself as well as toxins readily absorbed by polystyrene material, may bioaccumulate in the marine food web, discouraging cultural and subsistence practitioners from the practice of gathering and consuming marine resources. The presence of plastic fragments or microplastics in our nearshore waters may also discourage the traditional gathering and consumption of pa'akai and other non-living resources. In addition, the harm caused to endangered and native species may foreclose the future use of such species in Native Hawaiian traditional and customary practices, which depend upon the availability of healthy and abundant resources. Finally, the presence of discarded plastics may compromise the cultural and spiritual integrity of the marine and coastal environment,

upon which Native Hawaiian subsistence practices and ways of life are inextricably tied. Accordingly, reducing the use and inevitable disposal of single-use plastics such as polystyrene foam containers into our marine environment may also represent a small but important step towards the perpetuation of Native Hawaiian culture.

Finally, while OHA understands and appreciates that economic concerns may be raised by some, OHA believes it may also be important to consider the economic benefits that would result from a ban on single-use plastic products such as the polystyrene foam containers covered by this measure. For example, a reduction of plastic waste on our beaches and in our coastal waters will only enhance visitor experience and thereby economic activity in the islands. The outward commitment by our government to prioritize and be responsive to the needs of Hawai'i's marine ecology would also be favorable to Hawai'i's image as an attractive visitor destination. A polystyrene foam container ban would further enhance the market for locally produced, environmentally friendly alternatives to these products, injecting life into nascent sectors of our islands' economy and encouraging local, environmentally conscious entrepreneurship. Finally, the reduction of such single-use plastic products' impacts on our marine and coastal environment, as well as on human health, may result in significant avoided economic costs associated with such impacts. OHA therefore urges the Committees to consider the significant economic benefits of a polystyrene foam container ban in any weighing of the marginal increased costs of using alternative and readily available products.

Therefore, OHA urges the Committees to <u>PASS</u> SB367 SD1 HD1. Mahalo nui for the opportunity to testify on this measure.

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¹ In Native Hawaiian understanding the spatial bounds of □āina and moana are viewed holistically and maintain powerful and epistemological connections to Hawaiian ancestry and resilience; in one salient example, hāko□ako□a, coral reefs, are prayed for and spoken of in the kumulipo, the Hawaiian creation chant.



PHONE: (808) 323-4267 FAX: (808) 323-4786 EMAIL: Rebecca.villegas@hawaiicounty.gov

HAWAI'I COUNTY COUNCIL

West Hawai'i Civic Center, Bldg. A 74-5044 Ane Keohokalole Hwy. Kailua-Kona, Hawai'i 96740

March 18, 2019

TESTIMONY OF REBECCA VILLEGAS COUNCIL MEMBER, HAWAI'I COUNTY COUNCIL ON SB 367 SD1 HD 1, RELATING TO ENVIRONMENTAL PROTECTION

Committee on Consumer Protection and Commerce Committee on Judiciary Tuesday, March 20, 2019 2:00 p.m. Conference Room 329

Aloha Chair Takumi, Chair Lee, and Members of the Committee:

I thank you for the opportunity to testify in support of SB 367 SD1 HD 1, relating to environmental protection. My testimony is submitted by my individual capacity as a member of the Hawai'i County Council and Chair of the Committee on Public Safety.

The purpose of this measure prohibits food service businesses and stores from the sale, use, or distribution of polystyrene foam containers, expanded polystyrene food service products, plastic straws, and plastic bags.

Amending the Hawai'i Revised Statutes by adding a new chapter to be appropriately designated will assist the State of Hawai'i with littering of polystyrene foam, and includes the prohibition on the sale, use, or distribution of plastic straws and plastic bags. These materials are detrimental to not only our environment but also affects our local food chain and endangers marine animals and avian populations. These materials are the most common type of litter and pollutes the State of Hawai'i.

For the reasons stated above, I urge the Committee on Energy & Environmental Protection to support this measure as well. Should you have any questions, please feel free to contact me at (808) 323-4267.

Mahalo for your consideration.

Rebecca Villegas

Council Member, Hawai'i County Council

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Tvler Roukema. Chairman – Outback Steakhouse Hide Sakurai, Vice Chair - Diamond Dining Ben Dowling, Treasurer - Ocean House

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To: Rep. Roy M. Takumi, Chair Rep. Linda Ichiyama, Vice Chair

Members of Committee on Consumer Protection & Commerce

Rep. Chris Lee, Chair

Rep. Joy A. San Buenaventura, Vice Chair

Committee on Judiciary

Victor Lim, Legislative Lead From:

Hawaii Restaurant Association

SB 367 SD 1, HD 1 Prohibiting Polystyrene Foam Food Service Containers Subj:

Date: February 24, 2019

We at the Hawaii Restaurant Association representing over 3,600 restaurants in Hawaii oppose SB 367, SD1, HD1 that prohibits the use of polystyrene foam food service containers state wide.

The neighbor islands have already passed their rules to do just this but Honolulu has taken a different approach since all the household and restaurant waste ended up at the H Power to be burned for electricity.

A recent study done by the Honolulu City Auditor reports out that less than one percent of our total trash stream is currently made up of foam food containers. Foam is much cheaper than alternate products and for ethnic foods with heat and moisture, also performs better in holding the product, retaining heat and safer transporting. We also do not have any composting facilities here in Hawaii where everything ends up at the H Power. We are looking at substituting a very functional product with a much more expensive substitute. The final result will have the consumer paying more.

We do want to reduce litter and that's why we try to educate our employees and customers and launch our Malama 808 campaign with many industry partners to make sure litter is properly disposed of in the trash bins.

Thank you for giving us this opportunity to share our views on this.



<u>SB-367-HD-1</u> Submitted on: 3/17/2019 7:51:16 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Michael Luque	Surfrider Foundation Maui Chapter	Support	No

Comments:

This really is a no-brainer. There are already multiple options for carry out food that don't require polystyrene. We can't continue to have this pollutant filling our oceans.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 6:38:50 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
robert brower	surfrider foundation kauai	Support	No

Comments:

our 10 person executive committee all support this measure. we have 1500 members and followers. Mahalo



1050 Bishop St. PMB 235 | Honolulu, HI 96813 P: 808-533-1292 | e: info@hawaiifood.com

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Derek Kurisu, KTA Superstores, Advisor

TO:

Committee on Consumer Protection & Commerce, and Committee on Judiciary Rep. Roy M. Takumi and Rep. Chris Lee, Chairs

Rep. Linda Ichiyama and Rep. Joy A. San Buenaventura, Vice Chairs

FROM: HAWAII FOOD INDUSTRY ASSOCIATION

Lauren Zirbel, Executive Director

DATE: March 20, 2019

TIME: 2pm

PLACE: Conference Room 329

RE: SB367 SD1 HD1 RELATING TO ENVIRONMENTAL PROTECTION.

Position: Comments with Suggested Amendments

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 will support a statewide ban on Polystyrene Foam with clear and easy to implement definitions and state leadership on this issue.

At the county level we have had multiple last minute interpretations on various food service ware issues. County agencies have given conflicting information and been unable to answer questions. There are also different standards and requirements in different counties, which are virtually impossible for businesses to follow.

The right policy on polystyrene is going to be the right policy for our whole state. Working at the state level will provide the same environmental benefits statewide, will be clear and easy to understand for customers, and will give businesses a consistent standard to use across the state for food service ware.

In order to lend our support to this measure we ask that this section be added to the bill:

This section shall take precedence over and preempt all contrary ordinances or rules adopted by a county or any department or agency thereof regulating disposable food service ware. Except as expressly authorized by state law, no county shall enact an ordinance, rule, or regulation regulating disposable food service ware. Disposable food service ware items are plates, trays, cups, clamshells, cartons or containers, bottles, utensils, lids, food packaging and straws. Except as expressly authorized by state law, no county shall enact an ordinance, rule, or regulation regulating plastic bags after March 12, 2019.

In order to **not** walk back **polystyrene** bans on other counties this bill can reflect the following language:

SECTION 6. For the County of Maui this act shall take effect on December 31, 2018. For the County of Hawaii this bill act shall take effect on July 1, 2019. For the City and County of Honolulu and the County of Kauai this act shall take effect on December 31, 2020.

Working towards a statewide solution to food service ware and packaging in general is a priority issue for the food industry.

It is also necessary to clarify the definition of "prepared food" in this measure to adhere to industry standards. We ask that the definition of "prepared food" be amended to read:

"Prepared food" means food or beverages, which are served, packaged, cooked, chopped, sliced, mixed, brewed, frozen, squeezed, or otherwise prepared for consumption by a retail consumer on the premises of a retail food establishment that is ready to consume without further preparation or heating, including, beverages, ready to eat food, and takeout food. "Prepared food" does not include raw eggs, butchered meats, fish and/or poultry unless provided for consumption without further food preparation.

We are working to set up a packaging symposium with environmental groups to define packaging challenges, find solutions, and move forward together in a way that is possible to implement. If the solution is to move towards compostable items, we need to work to develop a composting site that will accept these products. If the solution is to recycle we need to work towards developing a viable way to recycle items. Likely, the solution includes both of these. Businesses need to have a clear understanding of what

is expected of them. The waste management system must hold up their end of the solution.

We look forward to working towards solutions that make sense and implementing them state wide.

Thank you for the opportunity to submit testimony.

Submitted on: 3/18/2019 7:14:48 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
tien phan	Stadium Pho	Oppose	No

Comments:

my name is tien Phan i am a member owner of Phan LLC (DBA Stadium Pho)

i oppose the Ban of using styrofoams material container and any plastice untensil, straw for foods services because i am a small Restaurant owner and we rely on them serve our customer need as far Dining in customer and carry out. Baning the use of such material will lead to use of other alternated that cost much higher and bring up the cost for our services. We as small business oner work extra hard, we do most of the work our self and even do work for our employee that often dont carry out their job correctly and on timely mater, so it is hard to have to spend that extra money to cover the new expensive to use the alternated material. Maybe one will challenger my believe by saying i should pass that new expense to customer. But by doing so will also scare customer away and not wanting to buy our foods and risk putting our business out of business, and most of our customer are also hard working men and women that have family driving up cost for meal does not help any one. While i understand the use of styrofoam and plastice like material is bad for the environment at the moment, we are not big business like Mcdonald Jackinthebox and Cheese Cake Factory that can hire as many employee as they please and lay on the beach enjoying that hawaiian sun. We work hard to make a living, please consider Us 90% of Citizen that is not mega richs in considering your dicision on these ban of material being use for foods serives.

Submitted on: 3/18/2019 7:20:40 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Christina Adolpho	Waiahole Poi Factory	Oppose	No

Comments:

Aloha State Representatives,

I am the General Manager of Waiahole Poi Factory. We offer traditional Hawaiin plate lunches and are one of three restaurants on the island owned by native Hawaiians.

We are extremely concerned about the amount of pollution that ends up in our beautiful environment and how it affects wildlife. BUT, I question whether a ban on styrofoam containers at restaurants is the best solution.

First, these types of bans only hurt the little guys, the mom and pop restaurants. I work seven days a week, sometimes as long as 12 hours a day. Think about that, we are not a huge restaurant with a lot of staff. Our profit margins are thin. We use styrofoam containers for a few reasons, but cost efficiency is a big one. Looking at the alternatives, we will suffer a big hit with our profit if this ban were to be passed.

Second, I don't see how replacing one piece of trash with another will keep trash from going into the ocean.

I am interested in hearing ideas from you that support our beautiful Hawai'i while also supporting small institutions like ours that contribute to our culture.

Thank you,

Christina Adolpho

Waiahole Poi Factory

48-140 Kamehameha Hwy, Kaneohe, HI 96744

Oppose Plastics and Foam Food Container Ban, SB 522 and 367 Mar. 20, 2019 Hearing - Judiciary and Consumer Protection and Commerce

Dear Representatives:

We are a small Chinese restaurant in Honolulu Chinatown. It's a family run business with 24 seats and about 40 guests a day. Nearly 60% of our business is take-out. Foam containers do not leak and keep food hot which is important for take-out customers.

I want repeat customers and have only raised my price once in 4 years. \$8.00 plate lunch raised to \$8.50. We serve tasty, affordable meals and try to keep it affordable for our customers who are very familiar with my price.

My sales are predictable and I also cater and deliver to surrounding companies. To keep my prices low and to pay workers I use foam containers. I have gone to Chef Zone and looked at other containers but they cost 3X more than the foam containers.

Rent is very high, cost of vegetables and meat is very high. Meat is the highest wholesale price compared to other states. I can only control labor not these other price increases. I do not want to reduce hours or lay off workers who need jobs.

I want choice of what containers I use. If our business grows I can even get the higher costing containers.

Instead of ban on foam containers, regulate trash and have a place for it to go so it avoids the ocean.

Thank you,

Gaven Wu Papa's Café 1120 Maunakea Street #105 Honolulu (808) 523-8668

Submitted on: 3/18/2019 7:54:31 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Mark Ushijima	the Hibachi	Oppose	No

Comments:

Wed. March 20, 2019 - Hearing

House Committees Judiciary and Consumer Protection and Commerce

SB 522 and SB367 - Oppose

Members of the Committees:

My name is Mark Ushijima and I am a partner in the Hibachi Kailua. I am strongly against a ban on

styrofoam containers in Hawaii. This will truly impact the small businesses in Hawaii. We already have high overhead costs (labor, electricity, taxes, fees, lease rent, etc...) that adding to our cost of goods would be very detrimental.

I also have a small business with my friend in Washington State. Washington State did not impose a ban on styrofoam but they strongly discourage styrofoam. They understand the importance of small businesses in Washington.

State legislators should review the Honolulu City Auditor's Study (which I participated in) about Single Use Polystyrene Food Containers and Plastic Bags. http://www.honolulu.gov/rep/site/oca/oca_docs/PS_Ban_Study_Final_Report.pdf

The City Auditor finds that the majority of litter observed was miscellaneous items, and food service items mainly of non-polystyrene material that would remain unaffected by a ban.

Since there are no reusable alternative food containers, the ban will only change the material of the container, and that substitute container will become litter. Customers sometimes bring in personal reusable containers but many do not know that is against the law due to safety and hygiene reasons.

Focusing on styrofoam and only one type of plastic, that is not a big part of the waste stream, doesn't make sense. Someone should look at all the plastics from retail chips to juice pouches to frozen food bags—just walk through a grocery store. Some of these like potato chip bags are littered on streets, parks and beaches far more than foam food containers. I don't understand this. There are so many other plastic litter why go after a economical, useful product that's not even a major part of the litter problem.

Please do not pass this law. Not only will it affect the business owners but it will also affect the employees who work tirelessly for higher wages.

Thank you, Mark Ushijima the Hibachi 515 Kailua Road Kailua, HI 96734 thehibachihawaii@gmail.com

Submitted on: 3/18/2019 7:56:16 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Gwen Alejo-Herring	Queen Street Cafe & Grill	Oppose	No

Comments:

SB 522 and SB367— Oppose Ban Relating to Plastics and Foam Food Container

House Committees on Judiciary and Consumer Protection and Commerce

Aloha Representatives,

My name is Gwen Alejo-Herring. I am the owner and operator of the Queen Street Cafe & Grill in the Aiea Town Square.

My cafe prepares and sells plate lunches like kiawe grilled steak, firecracker chicken, ahi Belly and more. All entrees come with a choice oftwo scoops rice, garlic mash or brown rice, along with a choice ofpotato, mac or tossed salad.

We use foam food containers because it can handle the weight, moisture and retain the heat ofour foods. My customers and I believe foam food container bans don't make sense because here on Oahu, foam food containers and even compostable containers all go to HPower for energy production. If there were a biodegradable/compostable plant, it then makes more sense for paying more for biodegradable containers.

I also provide lunch for schools. One school requires biogradable plates, which I find to be flimsy and I worry about if and when a child may get burned from hot lunches. Another school that I work with uses the foam plates. I notice that the biodegradable plates are double or more the price of the foam plates.

If a foam food container ban becomes law, I will need to raise prices and worry about losing customers. Everyone is very price-conscious.

Please do not support these foam container ban bills.

Sincerely,

Gwen Alejo-Herring

Queen Street Cafe & Grill

99-080 Kauhale Street Aiea,

HI 96701

galejoherring@gmail.com

Submitted on: 3/18/2019 11:50:35 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Neil Ishida	ABC Stores	Oppose	No	

Comments:

ABC Stores opposes SB 367, SD1, HD1 Relating to Environmental Protection. This measure prohibits food service businesses and stores from the sale, use, or distribution of polystyrene foam containers, expanded polystyrene food service products, plastic straws, and plastic bags and takes affect 7/1/2021.

This measure would ban items like eggs shipped in Styrofoam cartons, meat trays, Cup-Noodle, Zip Lock & garbage bags, juice boxes and pouches with straws, reusable bags made out of recycled plastic, reusable cups with straws to name a few items. We also question if this measure would violate interstate commerce by banning the sale of these items.

Bans are not the simple answer. We need to maintain a fair balance regarding food service containers, bags, straws and other products and look at coordinated litter reductions programs. A mere substitution of polystyrene type containers, plastic straws, beverage containers and bags to another type will not result in reduced trash as more than likely the substitution product would be discarded in the same manner. We urge you to hold this measure. Mahalo for this opportunity to testify.

Submitted on: 3/18/2019 12:22:05 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
George Ngyuen	Pho Tri Restaurant	Oppose	No

Comments:

To: Hawaii House of Representatives

Judiciary and Consumer Protection and Commerce Committees

From: George Nguyen

1307 Kalakaua Ave

Honolulu, Hawaii 96826

Date: March 20, 2019 Hearing

To whom it may concern:

I am a small business owner. I am a single dad and am putting my daugther through college. My family relies on my business, Pho Tri Vietnamese Restaurant. We use styrofoam to-go containers for our customers because they are the most affordable and they also work the best. I spend \$23 on a case of 200 styrofoam containers. Other containers cost \$52 for 200 containers. We use about 200 to-go containers per day. I work in my restaurant every day. I am not rich, but I am proud to have a small business that I started when I immigrated to this country. Banning these containers and making business more expensive will make it harder for other immigrants like me.

Please think about how this ban will affect small immigrant businesses like mine.

Also, compostable utensils are nice, but they are more expensive too.

George Nguyen

Pho Tri Vietnamese Restaurant

1307 Kalakaua Ave

808-341-6012



TESTIMONY OF TINA YAMAKI PRESIDENT RETAIL MERCHANTS OF HAWAII March 12, 2019

Re: SB 367 SD1 HD1 Relating to Environmental Protection

Good afternoon Chairperson Takumi, Chairperson Lee members of the House Committee on Consumer Protection & Commerce and the Committee on Judiciary. I am Tina Yamaki, President of the Retail Merchants of Hawaii and I appreciate this opportunity to testify.

The Retail Merchants of Hawaii (RMH) as founded in 1901 and is a statewide, not for profit trade organization committed to the growth and development of the retail industry 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 367 SD1 HD1 Relating to Environmental Protection. This measure prohibits sale of polystyrene foam food service containers and the sale or service of food using polystyrene containers statewide; and authorizes the Department of Health to adopt rules for implementation including for enforcement, exemptions, and consumer education.

Bans are not the simple answer. We need to maintain a fair balance regarding food service containers and look at coordinated litter reduction programs.

Businesses respond to the wants of the customers that patronize their establishments all while 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 protected and fresh longer by sustaining appropriate temperature.

A mere substitution of polystyrene type containers to another type will NOT result in reduced trash as more than likely the substitution product would be discarded in the same manner. Furthermore, determination should be made if the litter is coming from our state or from other states or from other countries.

We need to be looking into a comprehensive litter reduction program that not only takes into account educating the public, but also looking for alternative solutions like public trash cans that are designed so that it will keep its content from flying out.

We also want to point out that the alternative products often creates more waste in volume and energy as well as increase air and water pollution – in the manufacturing of and in the transportation to the business.

Mahalo again for this opportunity to testify.

Submitted on: 3/18/2019 1:53:42 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Doorae Shin	Surfrider Foundation	Support	No

Comments:

Aloha Chairs Members of the Committees,

My name is Doorae Shin, and I am testifying in support of SB367 on behalf of the Surfrider Foundation Oʻahu Chapter, which has hundreds of members and volunteers, with several campaigns and programs to ensure clean water and healthy beaches here in our island home.

I first got engaged with plastic/waste issues in 2012 as a college student at UH Manoa, where we passed a policy to phase out polystyrene foam from campus foodservice operations. As a campus made up of both small and big food establishments that are all required to have affordable prices for students, there was no impact on the many vendors serving food at UH Manoa and the switch from foam to the many other alternatives was smooth.

With recent Maui & Hawai'i County ordinances that ban polystyrene foam, and with over 200 counties in California, and many more areas around the country and world passing effective policies to reduce single-use plastics, there is a global movement gaining unprecedented momentum to address single-use plastics and transition to more sustainable materials. Even the plastics industry is preparing for the switch, and policies like this are inevitable in the wake of recent science and consumer awareness about the great issue of plastic pollution and overconsumption.

Our Goals

This bill will help the State of Hawaii reach its goals of waste reduction and help us align with at least 5 of the UN Sustainable Development Goals (#11, #12, #13, #14, #15).



As an island community, we have an important responsibility to take care of our lands and our oceans. This is the essence of kuleana and of mĕ lama 'Ä• ina that makes Hawai'i the pristine and special place that it is. With the mass culture of convenience

depending upon single-use plastics for foodservice and packaging, we see large consequences to our land and our economy that will only worsen if we take no action.

The Problem With Plastics

Plastics are made from petroleum, never truly breaking down and instead becoming increasingly pervasive in the environment over time, entering our food chain and harming animals. So, the environmental impacts of plastics are clear and require no debate, but the impact on our local tourist industry is one that is not discussed. With plastics being so lightweight, easily blowing out of trash cans and into the environment, and lasting forever in our environment, our ability to showcase our pristine environment to visitors becomes threatened. Even when disposed of properly, plastics pose more harm than its eco-friendly alternatives both in the extraction/production processes as well as in the disposal processes.

Alternatives are Abundant!

The good news is that myriad alternatives exist to single-use plastics, with every major distributor in Hawaii offering equivalent paper, compostable, and bio-compostable alternatives to traditional plastic-ware and with a wave of foodservice establishments voluntarily choosing to go plastic free in their operations. This bill affords ample time for businesses to prepare with a diverse working group to plan and assist in the next 3 years to make the implementation of this bill successful.

Protecting Small Businesses

With one concern being the potential impact on small businesses, we can include a financial hardship exemption to ensure any businesses that cannot make the switch without undue hardship, can be exempt from compliance. Additionally, alternatives to plastic are just a small percentage more if at all, and they are becoming increasing available and affordable, with Costco now even selling compostable to-go ware on multiple island locations.

The Ocean Friendly Restaurants Hawai'i Program has over 200 restaurants certified across the State of Hawai'i that have no polystyrene foam on site, straws upon request, no plastic bags, and reusable tableware for those dining in, to name just some of the requirements they fulfill. This in itself shows that a whole wave of restaurants of all sizes are voluntarily making the switch and finding that instead of hurting their businesses, it actually helps, because of the consumer trend towards eco-friendly choices.

Having worked with restaurants, hotels, businesses, and events that have gone plastic free, we are happy to act as resources for the State and for businesses to have a smooth transition.

Thank you for your consideration of this important issue and please do not hesitate to reach out with any further questions (dshin@oahu.surfrider.org).

Mahalo,

Doorae Shin

Surfrider Foundation

Oʻahu Chapter Coordinator



March 18, 2019

In Support of SB367 SD1 HD1 Relating to Environmental Protection
House Committees on Judiciary (JUD) & Consumer Protection & Commerce (CPC)
Mar. 20, 2019, 2:00pm, Room 229

Aloha, Chairs Lee & Takumi, Vice Chairs Buenaventura & Ichiyama and Members of the Committees:

As the Hawaii Manager of the Surfrider Foundation, I am writing in strong support of SB367 SD1 to prohibit the use of polystyrene food containers. With the support of Surfrider's five Chapters and thousands of members across Hawaii, we are committed to reducing the litter and environmental hazards of foam and other single-use plastics as part of our popular Rise Above Plastics campaign. We are also part of the Hawaii Reef & Ocean Coalition (HIROC), a group of coral reef scientists, environmental groups, businesses and educational groups, and this bill is one of our top priorities this session. Maryland recently passed its own polystyrene foam ban bill, which is waiting the Governor's signature, but Hawaii could still become the first or second state to take a lead on this issue.

Polystyrene food containers are one of the most littered items in our Islands. They are also one of the most toxic forms of plastic, and Hawaii has one of the highest per capita uses in the country. Opponents will say it's recyclable, but the fact is that less than 1% is ever recycled. They will also say that it's a "litter problem," but the plastics industry has been using this tactic and blaming the public for decades without producing products that are actually recyclable. An EPS foam ban was implemented in San Francisco, and there was a 30% decrease in EPS litter within one year (San Francisco Street Litter Re-Audit, 2008). Over 110 cities and counties across the country have enacted EPS foam bans with dramatic decreases in litter. For an extensive list see: http://www.surfrider.org/pages/polystyrene-ordinances.

Industry lobbyists will also say that banning polystyrene food containers will hurt small businesses, but there are many restaurants that have dropped these products and are doing just fine. In fact, the new Ocean Friendly Restaurants Hawaii program has registered more than 200 restaurants that are foam-free in the last 20 months! Here's a partial list of all the restaurants in Hawaii: www.oceanfriendlyrestaurantshawaii.org.

During our monthly beach cleanups around the state, EPS foam products are among the top items we find every single time. In fact, as part of International Coastal Cleanup Day, 17,383 cups, plates and pieces of EPS foam were removed from Hawaii's beaches in a single day on Sat., Sept. 19, 2015! That's why we need this bill, which would help reduce these litter problems and environmental issues by requiring restaurants and food service vendors to stop using toxic EPS foam containers.

We embrace a policy of "1, 2, C," meaning products should be recyclable #1 & #2 plastics or compostable. There are many compostable or non-toxic plastic alternatives that can be recycled. Although foam products may be cheaper to buy, they have a hidden cost that counties and citizens have to pay to clean them up. A recent Hawaii Dept. of Transportation (HDOT) report stated that banning plastic bags and styrofoam would save millions of dollars for the state and help save the County millions as well.

Although the FDA approved EPS foam products in 1958, the science since then has shown that these are



toxic products. Here are some reasons why EPS foam food service products are dangerous and wasteful:

- 1. EPS foam is a toxic form of plastic made from non-renewable fossil fuels and synthetic chemicals like styrene that leach out over time, especially in contact with hot, greasy or acidic food.
- 2. According to the National Institutes of Health (NIH), styrene is a dangerous carcinogen and neurotoxin that can lead to cancer, lymphoma and leukemia. The EPA says 100% of humans have styrene in their fat tissues.
- 3. Because EPS foam food service products are more than 90% air, they break apart easily and are often blown into our coastal areas and out to sea, where they are listed as one of the top 10 items collected at beach cleanups.
- 4. EPS foam never biodegrades but only breaks into smaller micro-plastics. These pieces act like sponges for toxic chemicals in the ocean and are consumed by marine creatures who mistake them for food. 660 marine species are known to ingest plastics, including endangered species like sea turtles and albatross.

 5. Hawaii has one of the highest per capita rates of take-out food in the country, and many food container.
- 5. Hawaii has one of the highest per capita rates of take-out food in the country, and many food containers are made of EPS foam products whose toxic chemicals threaten the health of humans & the environment.
- 6. A recent study in *Science* showed that plastics are a major cause of coral reef disease and decline, and our Islands are dependent on our coral reefs for seafood, ocean recreation and tourism.

Along with the facts above, there have been many scientific studies showing the harmful effects of polystyrene foam. That is why we don't want to delay taking action to reduce foam use and litter. In 2008, the Hawaii Senate passed SR78 SD1 to create a voluntary compliance program to switch from foam products to healthier alternatives, and both Maui and Hawaii Counties passed bills earlier this year to ban polystyrene food products.

The amount of testimony for these bills was overwhelmingly in favor of reducing polystyrene food containers. Though it's tempting to be swayed by the exaggerated claims of lobbyists for a few local foam producers and distributors, these same companies already carry and distribute more eco-friendly recyclable and compostable products because they see the writing on the wall. Scientific research and public sentiment have created a compelling case against foam products, and more than 110 cities and counties have already enacted successful foam bans. Polls show that most people in Hawaii support banning foam food products.

We appreciate that Hawaii's legislators have been environmental leaders in moving forward policies like the bills to ban plastic bags and create smoke-free parks & beaches. Now, we ask you to assert that same leadership on this issue. Because polystyrene food service products are toxic to the environment and human health, their use should be banned. There are many affordable alternatives that are non-toxic, biodegradable and pose no threats to the environment or human health and will cost the counties less to clean up. Sustainable Island Products is a great example of a local business providing these items.

Finally, with the bans on Maui and the Big Island, the states needs a consistent policy of eliminating these products. Protecting our land and people should be our top priority, not allowing a few companies to profit from outmoded products that harm the environment and our wildlife. Mahalo for your leadership on this issue.

Aloha, Stuart Coleman



Stuart H. Coleman, Hawaii Manager

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 3:46:43 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Rachel Wacker	One oncean conservation	Support	No

Comments:

Submitted on: 3/18/2019 4:04:00 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
John & Rita Shockley	FREE ACCESS COALITION	Support	No

Comments:

Aloha!

The Free Access Coalition strongly supports banning foam single-use containers. We are an island. We carelessly discard foam containers and they end up on both land and sea. Even if they are "carefully" disposed, the wind, ferral animals, homeless will go through trash and expose the plastic to the environment.

Many of you who are older will remember a time when we used paper containers that at least has a chance to bio-degrade. We got lazy and foam was a cheap container. It's time to eliminate this pollutant from our State. If we learned to be sloppy and lazy we can now learn how to be responsible again. Our future citizens are counting on us to do the right thing--NOW.

Mahalo for your time!

John & Rita Shockley--Coordinators. Free Access Coalition www.freeaccesscoalition.weebly.com

<u>SB-367-HD-1</u>

Submitted on: 3/18/2019 6:51:38 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Crista Morones	Surfrider Kona	Support	No

Comments:

I support this whole heartedly. We do not need single use plastics or styrofoam in Hawaii. We do not need them anywhere on this earth of ours. We need to make a difference starting years ago, so now is the time! I don't want my children to see plastic bags and styrafome containers in our oceans or lands as I have unfortunately seen in my life. We only have one planet.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 7:23:29 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Christina Robbins	Plastic Free Hawaii	Support	No	

Comments:

SB 367sd1,hd1, Relating to Environmental Protection House CPC/JUD Hearing Wednesday March 20, 2019 2:00 pm – Room 329 Position: Oppose

Chairs Takumi and Lee, and Members of the House CPC/JUD Committee:

KYD, Inc. dba: K. Yamada Distributors opposes SB367sd1,hd1 that would ban the sale and use of polystyrene foam food containers.

We believe in stronger litter management programs that curtail land-based litter from migrating to waterways and the ocean. This means public education and consequences for proper disposal of litter and a call for civic responsibility.

We offer the following information for consideration as the Committee deliberates over SB 367sd1, hd1:

A ban of FDA Approved¹ food-grade PS containers does little to reduce litter or ocean debris harmful to marine life and the environment. Litter is litter; there is no such thing as environmentally responsible litter.

PS foam food containers are no more harmful to fish and ocean wildlife than other manmade materials, and are not likely to become marine debris.
Marine debris is any manmade material that enters the marine environment. None of it belongs in our oceans regardless of what kind of material it is made of - whether wood, metal, plastic, or paper. A recent Ocean Conservancy study listed the most common types of litter that are found along the world's coastlines, based on data gathered during three decades of international coastal clean-up efforts. Fishing gear, balloons and plastic bags were estimated to pose the greatest entanglement risk to seabirds, sea turtles and marine animals. Plastic bags and plastic utensils ranked as the greatest threats for ingestion.

NOAA (National Ocean and Atmospheric Administration) states that the 5 most common items found during the International Coastal Cleanup are 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)

Locally, the composition of ocean debris appears to be similar to NOAA's list of most common items. Anecdotal testimony from a Big Island marine biologist said that 25-89% of the island's ocean debris is land-based, predominantly straws, wrappers, insulation, shipping containers, hot coffee cups, meat trays, and saimin containers. EPS foam

¹ FDA Regulation Title 21 CFR 177.1640

containers were about 1% of the debris. Although large foam block packaging, ice chests and coolers are often found in coastal cleanups, they are usually excluded from ban bills.

 Critics of food-grade PS foam products often cite the Department of Transportation trash study ranking of PS foam as one of the top two litter items. However a closer look shows that PS Foam ranks 6th in the Department of Transportation trash management Study

Table 5. Trash composition in volume (x 10⁻³ cy/ha-yr) per sample site.

SITE #	PLASTIC BAGS AND PACKAGING	POLYSTYRENE FOAM	CIGARETTE BUTTS	METAL	PAPER	RECYCLABLE BEVERAGE CONTAINERS	MISCELLANEOUS
1	0.19	0.00	0.00	0.00	0.00	0.00	0.00
2	31.15	0.90	0.55	0.39	5.98	0.99	12.92
3	63.28	4.64	0.01	10.53	39.32	7.86	30.33
4	29.97	1.37	1.66	0.47	7.23	1.27	0.29
5	43.67	1.17	0.03	2.72	37.06	1.87	85.04
6	0.23	0.04	0.00	0.30	0.00	0.00	0.00
7	43.68	0.81	0.00	0.00	2.39	2.50	12.75
8	4.80	1.40	0.00	0.41	1.69	0.00	0.00
9	18.01	0.10	0.00	1.35	3.27	8.81	8.00
10	146.99	0.48	0.09	0.00	34.82	25.26	7.20
	# 1	#6	#7	#5	#3	#4	#2
Т	381.97	10.91	2.34	16.17	131.76	48.56	156.53

Banning Food Grade PS Foam Containers Will Not Reduce Litter

According to Steven Stein, an environmental scientist who studies litter, banning one material will not reduce the overall litter in waterways. "Food-service containers made of polystyrene are a minor component of litter and, because there is no reusable alternative, a ban simply will substitute other materials that also end up in our waterways." https://www.latimes.com/opinion/opinion-la/la-ol-polystyrene-food-takeout-containers-ban-20170628-story.html

On a local level, the Honolulu City Auditor's Single-Use Polystyrene Food Containers and Plastic Bag Study also conclude that polystyrene bans are not effective in reducing litter, and such containers are a minor component of litter. Like Stein, the Honolulu City Auditor states that because there is no reusable alternative, a ban simply substitutes other

containers that will likely be littered. Both Stein and the City Auditor cite the California State Water Resources Board in its NPDES application noted that a ban of PS foam food containers resulted in the substitution of other products that were discarded in the same manner.

Personal reusable food containers are not a takeout option due to FDA regulations that restrict food service businesses from accepting personal, reusable consumer takeout containers due to sanitary and health reasons. Food container replacement for polystyrene containers, whether it is paper, fiber or plastic, would likely be littered in the same fashion. http://www.honolulu.gov/rep/site/oca/oca_docs/PS_Ban_Study_Final_Report.pdf

 Replacing PS foam carries significant and unnecessary costs to small locally-owned restaurants and lower-income consumers

As a local distributor of food packaging materials, polystyrene as well as alternative products, we find that polystyrene foodservice products are generally more economical to use than other disposable foodservice products and reusable food service items. The wholesale price of single-use polystyrene foodservice products is often approximately two to three times less than other single-use containers, and four to five times less than a comparable reusable foodservice item when the costs of equipment, labor, water, electricity, and detergent costs are included. This allows schools, hospitals and other institutions to make better use of their limited budgets.

For example, local Hawaii pricing shows the average compostable 8 oz cup costs more than twice the average polystyrene cup. This means the razor thin profit margins under which restaurants operate will be cut even lower. This may well translate to rising costs to the consumer, our local citizens and the small business owners working all over the island.

The following is the City Auditor's data about estimated costs to business owners which will more than likely increase cost to consumers.

Exhibit 3.4 Monthly and Annual Cost Estimates for Non-Polystyrene Food Containers by Types of Restaurants

Source: OmniTrak and Office of City Auditor

Туре	Monthly Cost Increase Estimate	Annual Cost Increase Estimate (Monthly x 12)
Total:	\$ 294.64	\$3,535.68
Small Restaurant (1-10 employees)	\$ 293.75	\$3,525.00
Medium Restaurant (11-50 employees)	\$222.72	\$2,672.64
Large Restaurant (50 or more employees)	\$420.00	\$5,040.00

Anecdotally, we have heard that some Big Island food operators have made the switch to alternative containers ahead of the July 1, 2019 ban implementation date. Plate lunch prices in Hilo have gone up to \$12.00 - \$15.00 range. In Kona, plate lunches are at \$14.00 to

\$18.00. In addition to the increase in plate lunches, residents complain that there's less food served.

Supply Chain Disruption and Impact on Business and Residents:
 Different customers are not necessarily looking for the same replacement container. They are looking for containers that are price sensitive and a good fit for their product.

The ban on foam food containers and increasing consumer demand for take-out foods increases the burden for packaging products, no matter the material

- There is no history of movement of alternative containers. There is uncertainty about how much to stock and when it will be needed.
- It takes a minimum of 4-5 weeks before supplies are shipped to Hawaii
- Warehousing of inventory is a costly expense and capacity is limited throughout the islands.
- Maui distributors are facing this problem and want to push the carrying of inventory to Oahu distributors
- Shortages of alternative food service containers will occur

We respectfully request policy makers to pause and assess the true impact of bans imposed on Maui and the pending Big Island Ban before implementing a statewide policy.

Thank you for the opportunity to present testimony.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 8:24:22 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Present at Position Hearing	
chelsea	wipeout crew	Support	No

Comments:



Young Democrats of Hawaii Democratic Party of Hawaii

Testimony presented before the Committee on Consumer Protection & Commerce and the Committee on Judiciary Wednesday, March 20, 2019 at 2:00 p.m. Conference Room 329

Senate Bill 367, SD1 HD1

Dear Chairs Takumi and Lee, Vice Chairs Ichiyama and San Buenaventura, and members of the Committees:

Senate Bill 367, SD1 HD1 prohibits the sale of polystyrene foam food service containers and the sale or service of food using polystyrene containers statewide. The bill also authorizes the Department of Health to adopt rules for implementation including for enforcement, exemptions, and consumer education. In January 2019 the Young Democrats of Hawaii conducted a member survey to identify and prioritize important issues facing young people today. Taking action on climate change was identified as one of the top three issues. YDHI members recognize that the impacts of climate change are already being felt throughout the world and in the State of Hawaii, and that actions must be taken immediately to ensure a viable future for all of Hawaii residents. The Young Democrats of Hawaii **strongly supports** the passing of Senate Bill 367 SD1 HD1 for the following reasons:

- Polystyrene, also known as styrofoam, cannot be recycled and ends up either floating in the ocean or sitting in our landfill where it emits greenhouse gas, a big contributor to climate change.
- 2) Single-use plastic products including polystyrene foam containers make up nearly half of the plastic pollution floating in the world's oceans and waterways. While often providing use for only a short time before it is thrown away, these plastics do not biodegrade and will continue to exist for at least another 450 years. By 2050 there may be more plastic products than there are fish in the ocean. This is especially important because we derive so much of our livelihood from the ocean and our island home is located in the middle of the ocean.
- 3) Businesses can now find competitive prices for eco-friendly products that do not harm the environment. A growing number of customers are becoming more accustomed to selecting eco-friendly alternatives and bringing their own reusable ware when dining out.

Thank you for the opportunity to testify.

Sincerely,

Executive Committee
Young Democrats of Hawaii

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 10:17:12 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By Organization		Testifier Position	Present at Hearing		
danielle shemesh	Catering Company- Gazoz	Support	No		

Comments:

Its toxic and harmful to human and the environment.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 10:32:46 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Submitted By Organization		Present at Hearing	
Edwina Moscatelli	Surfrider Foundation	Support	No	

Comments:

I truly believe we need to eliminate the use of styrofoam.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 10:42:46 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	mitted By Organization		Present at Hearing	
Kaitlin Mann	Wipeout Crew	Support	Yes	

Comments:

HOUSE COMMITTEE ON CPC & JUD

March 20, 2019 2:00 p.m. Room 329

In SUPPORT of SB 367 SD1 HD1: Relating to environmental protection

Aloha Chair Takumi, Chair Lee, Vice Chair Ichiyama, Vice Chair Buenaventura and members of the committees.

On behalf of our 20,000 members and supporters, the Sierra Club of Hawai'i **strongly supports SB 367 SD1 HD1**, which seeks to prohibit the sale of polystyrene foam food service containers and the sale or service of food using polystyrene containers statewide. Authorizes DOH to adopt rules for implementation including enforcement, exemptions, and consumer education.

The Sierra Club of Hawai'i, dedicated to exploring, enjoying, and protecting these unique and beautiful islands we call home, have engaged in decades-long efforts to protect public access to trails and beaches in addition to restoring hundreds of trails on public and private land. Part of our dedication to protect is to keep these valuable public areas free of pollution from plastics and other waste. In this case, we advocate for halting harmful plastic pollution at the source. This measure is one of many that support our collective efforts to reduce pollution across the board.

Single-use plastics pollute our lands and freshwater bodies, clog up drainage systems, harm wildlife and ultimately end up in our ocean waters--settling on our reefs and, in some places, creating large plastic island gyres. Polystyrene food containers are intended for single use, cannot typically be recycled, and pose harm to marine life. The toxins and heavy chemicals found in them are not compostable or biodegradable--taking 500 years or more to decompose. Polystyrene food containers, as well as other single use foam products, create an overabundance of waste that continually overflow local landfills, overflow our beaches, and are not a source of clean energy when burned at H-Power. **There are alternatives for single use polystyrene food containers**, including compostable and biodegradable options. Banning the distribution and selling of polystyrene food containers will enable Hawai'i to invest in the future aesthetics of the island, and more importantly the health and safety of marine life and local communities.

We urge the Committee to pass this measure, which will serve our collective efforts to keep Hawai'i's land, freshwater bodies, and oceans free of plastic pollution as well as protect the health of our people. Thank you for this opportunity to provide testimony in **strong support of SB 367 SD1 HD1**.

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

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 11:33:24 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Matt	Gone For Milk.	Support	No	

Comments:



HOUSE COMMITTEES ON CONSUMER PROTECTION & COMMERCE AND JUDICIARY

March 20, 2019 2:00 p.m. Room 329

In STRONG SUPPORT of SB367 SD1 HD1: Relating to Environmental Protection

Aloha Chairs Takumi and Lee, Vice Chairs Ichiyama and San Buenaventura, and members of the committees,

The HAWAI'I REEF AND OCEAN COALITION –HIROC– was formed in 2017 by coral reef scientists, educators, local Hawai'i environmental organizations, elected officials, and others to address a crisis facing Hawai'i's coral reefs and ocean, including harms from plastics.

We strongly support passage of SB367 SD1 HD1.

Polystyrene foam (styrofoam) containers are ultra-light, produce litter on land, and often are blown into the ocean, where they harm marine life, including sea birds, fish, mammals and even our precious corals that protect Hawai'i's shorelines. They break into smaller and smaller pieces that choke sea birds and other marine life and carry bacteria that harms many forms of sea life. There are more sustainable alternatives to styrofoam that would involve only a small increase for consumers, with far less impact on our pristine environment. We must act now to protect our environment by eliminating the unnecessary use of styrofoam!

Mahalo for this opportunity to provide testimony in strong support of SB367 SD1 HD1.

Kimiko LaHaela Walter on behalf of the Hawai'i Reef and Ocean Coalition.



Testimony to the House Committees on Consumer Protection & Commerce and Judiciary Wednesday, March 20, 2019 at 2:00 P.M. Conference Room 329, State Capitol

RE: SB 367 SD1 HD1, RELATING TO ENVIRONMENTAL PROTECTION

Chairs Takumi and Lee, Vice Chairs Ichiyama and San Buenaventura, and Members of the Committees:

The Chamber of Commerce Hawaii ("The Chamber") **opposes** SB367 SD1 HD1, which prohibits food service businesses and stores from the sale, use or distribution of polystyrene foam containers.

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

We oppose SB367 SD1 HD1 because it will raise the cost for both business and consumers and will impact jobs in the local manufacturing industry of FDA approved, foodgrade food service containers. Creating a mandate for the use of compostable and other plastic containers stifles the free marketplace, 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.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 7:24:52 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Submitted By Organization		Present at Hearing	
Kamryn Conway	Wipeout Crew	Support	No	

Comments:



SB 367

In Strong Support
Hearing Date: March 20, 2019 2:00 PM
House Committees on CPC/JUD

Aloha Chairs Takumi & Lee and Members of the House CPC/JUD Committees,

I am writing to you on behalf of Sustainable Coastlines Hawai'i (SCH), in strong support of SB 367, relating to the phasing out of Polystyrene Foam Food containers in the State of Hawai'i.

We are at a critical juncture in our waste management and plastic pollution measures. The burdens of single use plastic are mounting around the world as the soup of plastics that has accumulated in our oceans is rapidly increasing. Additionally, the world's markets are closing in places where we have traditionally moved our waste. As an island we should be the leaders for the world in reducing these detrimental plastics like polystyrene foam.

A recent study published in the renowned journal of *Science* describes the mounting issues of plastics on our fragile and threatened reefs. The study describes corals as being 90% more likely to be diseased when plastic sits on the reef. The billions of pieces of plastic already in the ocean are scarring reefs and then likely infecting them with the contamination that comes from their properties. Plastics bio-accumulate toxins in the water and thus can transfer such toxins to other organisms like coral. This is yet another toxic consequence of plastics in our oceans, of which many more are described in the bullet points below.

As an organization that engages thousands of volunteers each year on the issues of plastic pollution through beach cleanups, in class-education, and public outreach event, Sustainable Coastlines 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, County, & City 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, Sustainable Coastlines 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.

SCH advocates for our Cities, Counties, and State to rethink the way they create, handle, and discuss 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.

Our partners at Surfrider Foundation and their Ocean Friendly Restaurants Program have registered over 200 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 two years 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 me 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

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

- 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.

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 metrics 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, <u>for each ton of polystyrene not produced</u>, 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.

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

 $^{^{\}bf 3}\ \underline{\rm www.unep.org/pdf/ValuingPlastic/}$

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

⁵ www.**islandpulse**.org

⁶ https://www3.epa.gov/epawaste/conserve/tools/warm/pdfs/Plastics.pdf

- 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
 - 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).

Sustainable Coastlines Hawai'i deeply appreciates your time and energy in considering these important matters and is available to answer questions that you may have.

Mahalo,

Rafael Bergstrom Executive Director, Sustainable Coastlines Hawai'i

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



March 20, 2019

To: The Honorable Chair Roy Takumi (Consumer Protection & Commerce) and

The Honorable Chair Chris Lee (Judiciary)

From: Kona Brewing Company

Mary Rait; Director, Regulatory Compliance and Government Relations

RE: SB 367 SD1 HD1; Relating to Environmental Protection; **In Support**

March 20, 2019; Room 329

Kona Brewing Company offers our **support** of SB 367 SD1 HD1, which prohibits the sale of polystyrene foam food service containers and the sale or service of food using polystyrene containers statewide. We are encouraged by the statewide commitment to environmental protection and particularly the growing awareness of the negative impact of the use of polystyrene foam containers. Environmental sustainability is a key value of Kona Brewing Company and a guiding principle for how we operate. To this end, our organization does not use polystyrene or foam products and instead offers readily available environmentally friendly options at our pubs in Kailua-Kona and Koko Marina.

Kona Brewing Company runs our flagship brewery in Kailua-Kona, Hawaii and produces more than 12,000 barrels of beer per year. The company was started by a father and son team who had a dream to create fresh, local brews made with spirit, passion, and quality. Kona Brewing Company is currently in the process of expanding our pub and brewery operations in Hawaii to include a new state-of-the-art, eco-friendly 30,000 square-foot facility. In addition to creating more local jobs, this will increase our annual production capacity from 12,000 to 100,000 barrels. All the beer we produce in Hawaii is made for Hawaii distribution. Kona Brewing Company is proudly invested in the future of Hawaii, and therefore feels passionate about promoting environmental responsibility and sustainability.

Mahalo for the opportunity to testify and share our strong commitment to this effort.

Sincerely,

Mary Rait

Kona Brewing Company

mary lait

3/20/19

JUD and CPC Committees:

My name is Bryce Fujimoto and I am the Vice President and Catering Manager of Shiro's Saimin Haven. We are a family-run restaurant and have been in business for 50 years.

I am concerned with the upcoming state legislation around restaurant to-go packaging. At Shiro's, we use foam to-go containers. I have looked into alternative to-go packaging and there is no alternative packaging for hot soups that is as good as foam containers. Shiro's Saimin Haven uses foam to-go containers for the following few reasons:

- 1. The cost of doing business in Hawaii is rising at a frenetic pace: minimum wage, insurance, increasing regulation and restrictions, let alone food cost. Green containers are 2-3 times more expensive than foam. Our niche is providing affordable food to customers by making things in-house as much as possible. Forcing us to use green containers is one way to offset our hard in-house work. We would have to raise prices, and would not be able to offer the same affordable, quality food that we have offered for years. I am scared we will lose our customer base who depend on our low prices. It might just seem like one small change in our business to those looking in, but, I can assure you that one small change can affect our business' entire production and profitability.
- 2. We serve hot saimin soup and it is important for us to serve our customers delicious and hot food in a safe manner. Other containers cannot safely hold hot soup. We are concerned that staff and customers might burn their hands just by touching a take-out paper or compostable soup to-go container.
- 3. Paper and compostable soup containers leak and can not hold liquids.
- 4. I have not seen any green 24 or 32 oz squat containers, which is the size of container we need for our soup take-out.

This change to green containers would be more palatable if we had a compost station to process the green containers - unfortunately we do not have this and everything goes to H-power anyways. We are all for protecting the environment but we ask that this ban is not rushed. Right now it just doesn't make sense. Containing trash to trash bins by using lids etc, regulating the transportation of trash might be better. Hopefully we can all work together to find a solution that does not have such a drastic impact on restaurants, especially small restaurants like mine.

Sincerely,

Bryce Fujimoto
VP/Catering Manager
Shiro's Saimin Haven
98-020 Kamehameha Hwy. #109
808-488-8824

Hawaii State Legislature

I am a restaurant owner and operate a small restaurant here in Hawaii. I hear that the State is considering a ban on plastic foodservice products in restaurants. I am against such legislation and I ask you to consider how this type of legislation will affect businesses like mine. My profit margins are thin, and costs are only rising. I pride myself in offering competitive prices; however, alternatives to plastics are much more costly and I would be forced to raise prices pushing my food out of a reasonable price range. Our business wants to take steps to protect the environment; but I will only support policies that make sense. Studies say that a ban on plastics from restaurants will only have a small impact on the amount of trash on the islands and that a change in food service material would not affect the amount of litter. I don't want to join the growing number of former restaurant owners who have found that they can't stay in business due to rising costs. I respectfully request that the State Legislature consider the positive and negative affects any type of legislation might have on my business and on Hawaiian culture.

BUSINESS NAME Shiro's Saimin Haven
BUSINESS ADDRESS 98-020 Kamehameha Hung Ste 109 fier HI 96701
NAME Linda M. Matsuo SIGNATURE Stils M. Matsus
PHONE 808-488-8824 EMAIL Immatsuo 12@ hotmail.com
2 BUSINESS NAME Shiro's Saimin Haven
BUSINESS ADDRESS 91-919 Fort Weaver RI Ewa Beach, HI 96706
NAME Gavan M. Lee SIGNATURE &
PHONE 808-689-0999 EMAIL Garan. Shiros @gmail.com
BUSINESS NAME Five Star Mudle Factor
BUSINESS ADDRESS 94-1388 Moanian: St # 309
NAME JOST VA LEE SIGNATURE July 1
PHONE 232-4754 EMAIL Kawakam gensaitensai
esmail.com

BUSINESS NAME Cajon King
BUSINESS ADDRESS 98-020 Km HWY Aien, HI 96701
NAME Tony Sighthum SIGNATURE
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BUSINESS NAME DEK EZOGIKU
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BUSINESS NAME INFINITED
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SB-367-HD-1

Submitted on: 3/19/2019 8:59:03 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	ubmitted By Organization		Present at Hearing	
Karen Lee	Cooke Street Diner	Oppose	No	

Comments:

House Committees of Judiciary and Consumer Protection and Commerce,

Aloha. I am the General Manager of Cooke St Diner in Kaka'ako. We serve working class people food. We serve a lot of construction workers and port workers. All of our food is served in styrofoam to-go containers because most people take their food to go. We are not a fancy fine dining restaurant. We provide breakfast and lunch to the regular person who is on the go. Our customers rely on cheap, quality food that will fill them up. Our customers have fixed budgets and we already struggle to keep costs low with so many rising costs.

This ban does not affect rich people, it affects working class people like me and my customers. Sure, I want to work on taking care of the environment. But, why should we pass policies that hurt the little guys?

Thank you,

Karen Lee

General Manager

Cooke St Diner

605 Cooke St

Honolulu, HI 96813

kar.lee.2007@gmail.com

(808) 597-8080

To: Hawaii House of Representatives

Judiciary and Consumer Protection and Commerce Committees

From: Tsukenjo Restaurant

Aloha Committee:

I am writing to you as the owner of a small plate lunch restaurant. We had the great fortune to be able to move from Kakaako to Downtown last year. Normally I am the only person working in the restaurant, but we have had success in Town and we were able to hire a part-time kitchen help. Before we moved, and on the days when the kitchen staff doesn't come in, I wake up at 3am to open the restaurant on time by 5:30am. I am the cook, cashier, dish washer, handle all maintenance and cleaning, and manage the books. This is not a glorious job, but I love it. Running this business is my passion and I love being self-employed. However, with high costs, we are considering moving again because it is so hard to make a profit and to stay in business while maintaining sanity.

I am very concerned about this proposed ban on styrofoam containers.

Of course I care about the environment and I love our beautiful island. But, I already work so hard and our profits are so thin. It frustrates me to no end that I work hard, and try to move up and then I hear about these laws that only affect the small mom and pop restaurants.

Why can't you create environmental laws that don't only hurt the little guys? More trash cans won't hurt small businesses, but helps the environment. Better recycling is good too. Maybe instead we can have a law where customers have to ask for bags or utensils? Or we can encourage customers to bring their own to-go containers. All of those ideas do not hurt business.

Tsukenjos has been around since 1959. Plate lunch is important to our culture. Why do you think so many restaurants that serve plate lunch use styrofoam? Are you willing to vote on something that 100% impacts all plate lunch restaurants? This law is just not fair. I really do struggle and work so hard to stay in business, provide for my family, and provide for customers. I hope you can see this and you will reconsider this unfair idea.

Aloha,
Deborah Dombrosky
HNA Food Service LLC dba Tsukenjo's
1148 Bishop St
Hon, HI 96813
808-779-4328
tsukenjo705@gmail.com

Legislators: We Oppose Foam Container Ban Bills

containers. Hawaii is a beautiful place and we need to do our part in keeping it clean. Bag your trash and make sure you are not a litter bug! our food sometimes leaks when we take it home and it tastes funny from sticking to the container. We seem to pay more for less food in these want to ban polystyrene foam plate lunch containers, saimin bowls, foam cups. We notice that when restaurants serve food in compostable containers We are customers who enjoy dining out at many favorite local restaurants—some small take out places and some sit down places. We oppose bills that

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		82 262866		808-285-9698	Email /Phone Number

Legislators: We Oppose Foam Container Ban Bills

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Legislators: We Oppose Foam Container Ban Bills

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House JUD and CPC Hearing SB522 and SB267 - Oppose Bans on Polystyrene Food Service Products Dear Representatives,

I have a small restaurant in the airport area. Hawaii is a very tough place to own a business. A statewide ban on foam food service products will make it even harder. I try not to pass on too much of my business expense to customers because everything is so competitive and I will lose business if my food prices are raised too much.

I have looked at compostable containers and it doesn't work for my business. The good ones are too expensive. The lower cost ones do not work well; hot rice or other food, and even salad make the containers soggy. Customers don't like it when the rice sticks to the container or tastes like pulp.

Thank you James Kim Jets Fast Food 2957 Koapaka Street (808) 833-7155 more1s@icloud.com

85-360 & Kardano aluRte karnakarri 2013 Raymaile ZAVICEKTSUAND gmail.c. beywarden Ogmail. Con 6518-159 308 7346 Hundle Pl, Holdolulu chriscollarec 10160 granilican Kakeo Blacon worker of the realisating of amoit or domellas Synag.com PATRICUS SOVERYA HO. COM Email /Phone Number containers. Hawaii is a beautiful place and we need to do our part in keeping it clean. Bag your trash and make sure you are not a much 98-402 KOAWAA 601 Area Higheroj HOUS-UST Agraph St Ferreone M 96744 94-338 HOLLLICIT PC, MILLIANI our food sometimes leaks when we take it home and it tastes funny from sticking to the container. We seem to re-42-106 MCKARY, 76734 70.507 1066 CAT. CONE 41 91-1117 Keaninakanist 2950 KEAPAUDS T want to ban polystyrene foam plate lunch containers, saimin bowls, foam cups. Phillipaving A Or Oc, Lestic Mendram & William Darrel Orneller Da CO Brewson Dawnade 21 Chris A. Allewed Kavier Evain PATRICK LUCARD Dovid Payton Name (Print Clearly) The Bro

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We are customers who enjoy want to ban polystyrene foam our food sometimes leaks when containers. Hawaii is a beaut	Name (Print Clearly)	JOHANAS	John Schlaff	Yorie Albert	Clinton Smith	Joshuz Hamasaki	Ales Takahysh,	CAR MARKET	Scott Venduran	

SB-367-HD-1

Submitted on: 3/19/2019 9:14:16 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Kevin Suehiro	Nabeya Maido	Oppose	No

Comments:

To whom it may concern,

My name is Kevin Suehiro, and I am the owner of Nabeya Maido, a hot pot restaurant in Kaimuki. I work everyday and hardly have time to watch the local news, so it was quite a surprise when I heard about the potential styrofoam ban.

As a small business owner here in Hawaii, our restaurant is constantly faced with increasing food costs, increasing insurance costs, increasing minimum wage, and the ever increasing rent. So when I hear that there is a bill concerning the banning of plastic bags or styrofoam containers, I'm like, give us small businesses a break! For my restaurant, we use the styrofoam containers for our hot soups that the customers take out. We might not do as much volume as some of the plate lunch/bento places, but the alternatives to styrofoam are just too expensive. We would just have to pass those costs on to the customers which might lead them to lost business. I hope that when you folks are deciding these policies, you are taking into account ALL the points of view that are out there. For the people who want to ban styrofoam and plastic bags, I get you. I understand that it is bad for the ocean, that it is bad for the environment, but so are a lot of other things. Yes styrofoam will not decompose and might kill some marine life, but what do you say about oil spills or toxic runoff being dumped into our ocean? They kill marine life too. What I am trying to say is that there has to be some kind of middle ground where all parties can concede something to attain a positive outcome. I go to the beaches all over the island, and I have not personally seen all the trash that they say is flying into the ocean. What I do see are overflowing rubbish cans with no covers, I see homeless people with there worldly possessions in bags trying to live in makeshift tents. Can't the government do something without completely banning styrofoam and plastic bags?

People always talk about being ecologically friendly and "going green". But why is it when I thought of allowing my customers to bring in their containers to take their food home, a friend of mine warned me that the board of health considers that a health safety violation? I thought it would be correct to offer a small discount for customers to bring their own containers to take things home, I didn't think it would be a violation to do something "ecologically friendly". There has to be some give somewhere so we can all get along. You all want to do things black or white, but if you can find a way to meet somewhere in the gray. Find something that you can offer the small businesses as a

viable alternative to styrofoam, and I do not mean viable meaning it can do everything that styrofoam does,,,,,,but at 10x the price. Going with waxed coated containers or compostable containers with waxed paper lining or aluminum foil lining, does that really solve the problem? Waxed paper or aluminum foil flying into the ocean wouldn't seem to be an acceptable alternative either right? And to make all the compostable containers, where are we going to get the wood pulp from, are we going to cut down the trees that the world with climate change needs so dearly?

I don't have any answers for the styrofoam problem except for people trying to be more responsible and disposing of their trash in proper containers. I don't feel that banning styrofoam is the answer. There might be a lot of small shops who might just give up due to the ever increasing costs of doing business in Hawaii, and that would be just a shame. Small businesses with their unique flavor makes Hawaii Hawaii. You take away the small mom and pop, locally owned stores and have it replaced with big corporate businesses and you take away the uniqueness that we call home. I couldn't imagine going to eat and have only big restaurants with their "local" menus, it just wouldn't be Hawaii.

Please vote no on the styrofoam ban, and instead, think of ways that in the future, both sides can meet somewhere in the middle to make a better Hawaii to live in.

Mahalos,

Kevin Suehiro



March 18, 2019

To: The Honorable Roy Takumi, Chair

Members, House Committee on Consumer Protection and Commerce

The Honorable Chris Lee, Chair

Members, House Committee on Judiciary

From: Tim Shestek, Senior Director

State Affairs

RE: SB 367 HD1 - OPPOSE

The American Chemistry Council (ACC) must respectfully oppose SB 367 HD1, which would ban the sale and use of polystyrene foodservice containers in Hawaii. ACC and its members certainly support efforts to reduce litter and marine debris; however, SB 367 HD1 appears to be drafted under the false assumption that alternatives to polystyrene foodservice containers are environmentally preferable.

ACC membership includes the leading suppliers and manufacturers of plastics foodservice packaging products, including polystyrene food and beverage containers. Unfortunately, the proposed bill is based on many misperceptions about polystyrene foam foodservice products, including that it cannot be recycled and that alternative food service materials leave a lighter environmental footprint and can be easily recycled or composted.

Key questions ACC believes the Legislature should assess prior to imposing new mandates on Hawaii businesses include:

- Will this legislation actually reduce waste or rather simply result in replacing one type of trash with another?
- Are there environmental impacts (e.g. energy use, water use, impacts on greenhouse gas emissions, trash generation, landfill waste, etc.) associated with the manufacture, distribution, use and disposal of likely alternative replacement products?
- Are likely replacement products recycled or composted within the State's existing infrastructure and do viable, end use markets exist for these products?

Impacts on Trash Generation/Disposal/Litter

New policies and practices should ensure that no waste, plastic or otherwise, ends up having a negative impact on the environment. SB 367 HD1 is misguided and likely to be ineffective based on data from completed litter studies. The bill fails to recognize that litter and improper waste management are independent of material type. In fact, a study recently completed by the Honolulu City Auditor found that a "simplistic ban on a single kind of litter or trash is unlikely to effectively reduce the overall amount of litter and its harm to the environment".

Litter studies conducted following the enactment of a ban have shown an increase in the litter of alternative materials that is greater than the decline in the banned material. For example, when the City of San Francisco placed restrictions on the use of certain plastic foodservice products, the City found that replacement products became more dominant in



¹ http://www.honolulu.gov/rep/site/oca/oca_docs/PS_Ban_Study_Final_Report.pdf

the litter stream². For this reason the California Water board rejected the use of bans as a compliance mechanism for waterborne trash reduction³.

<u>Assessing Polystyrene Foam and Likely Replacement Products</u>

If alternatives are considered, the decision needs to be based on a full life cycle analysis. All packaging leaves an environmental footprint regardless of the material type. It takes energy and raw materials to produce, transport, and recover or dispose of any material. So it is important to measure all of these impacts throughout the entire lifecycle of a product. Consider the following:

- Polystyrene cups weigh anywhere from two to five times less than comparable paper packaging products which means fewer air emissions when transporting products⁴.
- A polystyrene hot beverage cup requires about 50% LESS energy to produce than a similar plastic-coated
 paperboard cup with a corrugated cup sleeve, and creates significantly fewer greenhouse gas emissions than a
 similar coated paper-based cup with its corrugated sleeve.
- Studies conducted for Seattle Public Utilities (SPU) showed that banning polystyrene foam food take-out
 containers would dramatically increase environmental impacts by doubling the greenhouse gas emissions,
 energy use, and waste associated with the use of alternative products⁵.

It is also important to note that compostable food service containers only "degrade" in a controlled composting environment – essentially a large industrial facility where temperatures can exceed 140 degrees for several days. Hawaii does not currently have a commercial composting facility to process compostable alternatives, so these products will end up in a landfill. Biodegradable containers do not degrade if littered alongside the road, deposited into a trash can, nor will they degrade if they make their way into a storm drain or other water body.

The Biodegradable Products Institute (BPI), a not-for-profit association of key individuals and groups from government, industry, and academia seeks to educate manufacturers, legislators and consumers about the importance of scientifically based standards for compostable materials which biodegrade in large composting facilities. Under their "Myths of Biodegradation", BPI states:

Myth: Biodegradable products are the preferred environmental solution because waste simply

biodegrades in the landfill.

Reality: Nothing biodegrades in a landfill because nothing is supposed to⁶.

Cost Impacts

Lastly, replacements for polystyrene products will likely result in higher operating costs for restaurants, caterers, delis, and the host of other food providers covered under SB 367 HD1. Polystyrene containers cost 2-3 times less than replacement products, which in some cases do not perform well, especially for very hot and cold food and beverages.

Efforts to Address Litter and Marine Debris

ACC and its members take seriously the issue of litter and marine debris. To that end, ACC is working domestically and internationally with government officials, retailers, anti-litter groups and consumers to devise solutions to prevent litter and marine debris.



² https://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/stormwater/MRP/02-2012/Comments/Dart/Staff_Exhibits.pdf

³ http://www.waterboards.ca.gov/water issues/programs/trash control/docs/trash sr 040715.pdf

⁴ Life Cycle Inventory of Foam Polystyrene, Paper-Based, and PLA Foodservice Products, prepared by Franklin Associates, a Division of ERG, February, 2011

⁵ Alternative to Disposable Shopping Bags and Food Service Items Volume I, prepared for Seattle Public Utilities, January 2008, Herrera Environmental Consultants

⁶ See http://www.bpiworld.org/Default.aspx?pageId=190439

On January 16th global companies in the plastic value chain including many ACC members announced the creation of a new non-profit called the Alliance to End Plastic Waste. This new group is committing \$1.5 Billion over five years to end plastic waste and will focus on providing help to the largest sources of plastic in our ocean.

Some of our recent activity also includes helping develop new and innovative recycling programs nationwide; promoting industry-wide practices to contain plastic pellets; partnering with governments and conservationists to encourage recycling and discourage litter; working to educate children on the link between litter and marine health; working with the National Oceanic and Atmospheric Administration to advance scientific understanding of marine debris; and continuing to innovate and develop smaller, lighter packaging. More information about our activities to help reduce marine debris can be found at: http://www.marinedebrissolutions.com.

Additionally, ACC recently partnered with the City and County of Honolulu on a pilot project to find and close off potential pathways for trash from land-based sources to migrate into the marine environment. One of the primary sources of litter found near waterways and beaches on Oahu is uncovered public trash cans that allow garbage to blow out. Through our partnership, ACC and the City and County of Honolulu identified a better design for outdoor public garbage cans to keep trash out of parks, and most importantly, out of waterways and the ocean.

ACC believes that reducing landfill disposal, marine debris and litter requires the implementation of a variety of tools. In addition to efforts that seek to increase recycling and improve solid waste collection infrastructure, opportunities to recover non-recycled plastics may be an option as well. An emerging set of technologies is allowing governments and businesses to convert non-recycled plastics into energy, fuels, and feedstocks, or raw materials for new manufacturing. A range of energy recovery technologies are being used to complement recycling in helping to divert more valuable post-use materials from landfills. Some of the most widely used and rapidly emerging technologies include waste-to-energy, plastics-to-fuels, gasification, and solid recovery fuels.

Experts agree that improving waste management is the key to addressing marine debris. Attempts to reduce marine debris through product bans fail to recognize the underlying source of marine debris in developed countries, litter. Thank you in advance for considering our views. If you have any questions please do not hesitate to contact me at 916-448-2581 or via email at Tim_Shestek@americanchemistry.com. You may also contact ACC's Hawaii based representative Ross Yamasaki at 808-531-4551.



SB-367-HD-1

Submitted on: 3/19/2019 10:02:10 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Brett Kulbis	Honolulu County Republican Party	Oppose	No

Comments:

Overall, banning polystyrene might seem like a good idea, but the impacts suggests that the costs outweigh the benefits. Until a better, less-costly alternative to plastic foam is created, recycling programs aimed at mitigating the environmental costs of Styrofoam are a better option.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 11:11:44 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Natalie Aczon	Mahina and Suns	Support	No

Comments:

SB-367-HD-1

Submitted on: 3/19/2019 11:14:25 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Natsuko Takeda	831 inc.	Support	Yes

Comments:

I am Natsuko Takeda, a local small business owner. I run a coffee shop cafe at Waikiki.

My restaurant officially became an ocean friendly restaurant June 5th, 2018 by the Surfrider Foundation. This means I have been actively using sustainable products including glass cups, wooden dishes, and stainless steel straws for those eating in at the restaurant. For those taking food to-go, I use paper straws and only compostable take-away material. In addition, I also take measures to reduce garbage waste, always recycle when plastic ever has to be used, and we never use plastic bags or styrofoam.

I began this shop with a dream to be not only sustainable, but also to live in harmony with Mother Nature. We need to recognize that we rely upon this earth and the earth relies upon us or both parties will not be able to survive. I saw the importance of this fact while I was raised on my father's sweet potato farm as a child. We relied on the land and he even later opened a restaurant in which he used his own vegetables he harvested in his dishes (I hope to myself use this same method to reduce waste used for shipping of produce from outside sources).

To stay on point, I saw the importance of opening a shop like mine, using sustainable products, when I first moved to Hawaii. I was shocked at the amount of plastic and waste that were being used all over, from the use of plastic bags to the lack of recycling and definitely including all the restaurants that use non-sustainable products. I immediately wanted to make a difference, however small it may have seemed with my small business, in order to hopefully make an example for other business owners and of course to care for the environment. This bill would make my dream and small impact become a more large scale impact. But most importantly, it can help restore our very own Hawaiian beaches.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 11:17:56 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Norihiko Sakamoto	Pioneer Saloon at Kakaako	Support	No

Comments:



To:

House Committee on Consumer Protection & Commerce Representative Roy M. Takumi, Chair Representative Linda Ichiyama, Vice Chair And House Committee on Judiciary Representative Chris Lee, Chair Representative Joy A. San Buenaventura, Vice Chair March 20, 2019; 2:00 pm Conference Room 329

From:

Bruce Iverson, Director of Marketing and Development Reynolds Recycling, Inc.

Testimony in opposition to SB367 SD1 HD1

Aloha,

As Hawaii's largest bottle and can recycling company, Reynolds Recycling supports any measure that would enhance recycling opportunities and help to improve the Hawaii Bottle Deposit Law, unfortunately this measure does not meet the above mentioned goals.

The vast majority of beverage containers are collected, and recycled into other products, or into energy. This is because Hawaii has a state-wide Bottle Deposit Law, it has curbside recycling in many areas, and trash on Oahu primarily becomes recyclable material to be used at H-Power.

Please remember that Recycling, is the "right thing to do", and much of our waste is recycled one way or another in Hawaii at this time.

Additionally, we use large plastic bags within our operations (and recycle them as well), and we are currently having these bags made here on Oahu, and this bill would cause a huge loss of business to that company, likely force them out of business, and cause a loss of all those jobs, which would instead support business out of state, and create a loss of flexibility which would be an impairment to our operations in Hawaii.

For these various reasons, while we support your intent to keep Hawaii clean, we oppose this bill.

Bruce Iverson, Director of Marketing and Development Reynolds Recycling, Inc.

SB-367-HD-1

Submitted on: 3/19/2019 11:56:09 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Subn	nitted By	Organization	Testifier Position	Present at Hearing
Kir	mberly	EMCC Hawaii	Support	No

Comments:

My name is Kimberly De Souza and I am a sustainability specialists with EMCC Hawaii. We support the bill to protect Hawaii's environment from single use polystyrene containers. These containers are used once to keep take away food and then thrown away. They then break down into tiny styrofoam balls which may be ingested by marine mammals. All over the world whales, albatross, fish are ingesting our polystyrene waste and microplastics. Since everything is connected, we are then eating those fish and ultimately ingesting them ourselves.

Please put a stop to single use polystyrene so we can really start to clean up our oceans. Hawaii needs to be the leader in protecting its beautiful environment. Not just for the environment and future generations but for the economy.

Hawaii relies heavily on tourism and it's pristine beaches are a huge attraction for mainland and international tourists. If our beaches are polluted with single use plastics and polystyrene, less tourists will want to come and visit.

Restaurants may not want this bill to pass but they will be able to find biodegradable solutions. We need to change the culture to save our natural environment before it is too late!!

Please pass this bill and give hope to future generations.

Mahalo!

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 12:06:15 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
olivier vetter	bean about town llc	Support	No



Representative Chris Lee, Chair Representative Joy A. San Bueanaventura, Vice Chair House Committee on Judiciary

Representative Roy M. Takumi, Chair Representative Linda Ichiyama, Vice Chair House Committee on Consumer Protection & Commerce

Re: STRONG SUPPORT of SB 522, SD2, HD1 - RELATING TO PLASTIC and SB 367, SD1, HD1 - RELATING TO ENVIRONMENTAL PROTECTION

Aloha Chair Lee, Chair Takumi, Vice Chair San Buenaventura, Vice Chair Ichiyama and members of House Committees on Judiciary, and Consumer Protection & Commerce

Dolphin Quest strongly supports SB 522, SD2, HD1 and SB 367, SD1, HD1 as these amended bills have the potential to reduce plastic-based pollution in the State of Hawaii and ultimately help protect our natural resources and human health.

One of Hawaii's greatest assets is its natural beauty. Unfortunately, plastic debris is one of the most common forms of litter found in Hawaii. We have seen this first-hand during Dolphin Quest's decades of participation in beach, stream, and highway clean-ups.

It is well known that plastic has a devastating effect on Hawaii's beaches, the marine ecosystem, wildlife, and human health. There is also growing concern about the negative impact marine debris may also have on tourism. It is essential that we get ahead of these problems through influential legislation just like this.

Ingestion, entanglement, and habitat degradation are just a few of the complex issues related to plastic pollution. Ingestion of micro-plastics has been observed at every trophic level, from large whales to even corals and zooplankton. High levels of plastic-based persistent organic pollutants (POPs) have been detected in the tissues of marine mammals, sharks, and other large predatory animals due to bioaccumulation and the biomagnification up the trophic system as results of this ingestion. Many of these POPs are known endocrine disrupters and there is growing evidence that humans may also be at risk. In addition to this, the plastic monomer used in manufacturing expanded plastic has been classified by the US National Institutes of Health and the International Agency for Research on Cancer as a possible human carcinogen. Unnecessary plastics need to be regulated for the health and well-being of all.

It is our duty and our responsibility to protect the land and water that allow us to thrive. We must safeguard the future of wildlife and our children so that all may have the opportunity to enjoy nature unadulterated. Supporting this measure would keep Hawaii at the forefront of conservation action and leadership.

Dolphin Quest is an organization of marine mammal specialists, animal advocates and ocean stewards with two business locations in Hawaii. We've championed public education, conservation, and scientific study related to marine mammals and our ocean for thirty years. Thank you for all of the work on these bills thus far. This issue remains critically important and we respectfully ask that you support SB 522, SD2, HD1 and SB 367, SD1, HD1.

Respectfully yours,

Rae Stone, D.V.M.

L. Rae Stone, DVM Dolphin Quest

SB-367-HD-1

Submitted on: 3/19/2019 1:10:27 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Ocean Friendly Restaurants HI Coordinator	Ocean Friendly Restaurants HI	Support	Yes

Comments:

Aloha Representatives Har, Yamane, Tarnas, Thielen, Todd, Brower, Say, Creagan, Takayama, Lowen, Yamane, McKelvey, Thielen, Morikawa, Aquino, Kong, Belatti, Mizuno, Arakawa, Onishi, Cachola, Matsumoto, Eli, Nakamura, Gates, Nishimoto, Hashimoto, Holt, Wildberger, Kitagawa, Yamashita, Kobayashi, McDermott, and Matayoshi,

I am writing to you today to beg you to consider supporting SB367!

We realize a lot of the concern about passing such a bill is around our economy and how it will affect small, local, businesses.

We have worked with those small, local, restaurants around the islands for years. We have helped them to choose more eco-friendly products, while not driving their cost of business up to the point where it would kill their business.

In 2 years we have certified <u>over 200 restaurants in Hawaii</u> as "Ocean Friendly". To be an Ocean Friendly Restaurant, you must meet a rigorous set of criteria, which we have provided below. Many of which, deal directly with getting rid of single-use plastics.

For a full list of participating restaurants by island, please visit https://www.oceanfriendlyrestaurantshawaii.org/full_list.php.

We hear a lot from owners that they want to do more, and are concerned with the costs. This is WHY we need to regulate this space. In doing so, there will be a higher demand.

The higher demand will then cause a great domino effect, saving our small business money.

First, it will generate a need for a greater supply. More sustainable products will be created and this greater supply of more environmentally conscience products will drive their price down.

Secondly, these new demands will CREATE JOBS. It is inevitable. With the creation of new products, green technology, and a greater need, we will see the creation of more local companies to satisfy these needs. We are already seeing this now. <u>Eco-Utensils</u> launches this month.

There are already new jobs to support this movement!

There will be workforce realignment.

Plastic is bad for us, bad for the ocean, and ends up in the bodies of sea life that we then eat ourselves. You don't have to care about the ocean, or others, you only need to be selfish to know this is a better choice for you.

- STYROFOAM IS CONNECTED TO CLIMATE CHANGE AND IT POLLUTES AT EVERY STAGE: FROM MATERIALS EXTRACTION TO PRODUCT PRODUCTION TO WASTE DISPOSAL. IT IS A FOSSIL FUEL.
- Plastic is killing more than 1.1 million seabirds and marine mammals every year
- 73% of beach litter worldwide is plastic
- It takes up to 1,000 years for plastic to degrade
- At least 8 million tons of plastic enter the ocean each year
- FACT: Hawaii should be a leader in this space, not a follower!

The city of Hobart has already banned single-use plastics (https://www.sbs.com.au/news/hobart-leads-way-as-first-australian-city-to-ban-all-single-use-plastics).

The US State of Maryland is about to become the first State to ban styrofoam, but we could beat them! https://www.cnn.com/2019/03/13/health/maryland-plastic-foam-ban-legislation-trnd/index.html

MISINFORMATION:

We are fighting A LOT of misinformation. Most notably a report lacking in truth and clarity from the City Auditor.

It is a shame that litter at all ends up in our oceans. However, NOT ALL LITTER IS CREATED EQUAL. Compostable material will first, break down much faster. Secondly, it will not cause harm to our marine life the same way the styrofoam and plastic litter will. This is why we need a comprehensive plan that not only stops the use of styrofoam, but also reduces our waste all together. Hence, the 3 bills, and not just 1 for styrofoam.

Then we must consider our economy. The cost of these safer materials is a bit more, this is correct. However, with more businesses causing a demand for these types of

products, the supply will go up and the cost of these compostable materials will come down for all. We are already seeing this. and I have written about it above.

We are also seeing more competition from suppliers in this space, another point which will drive down the price. This month, another LOCAL company is launching to provide restaurants safer, better, and cheaper compostable products - Eco Utensils.

Then there are jobs to consider. As a need for these supplies increases, these more forward thinking, LOCAL, companies will be hiring. Job loss will actually be more of a job transition - a workforce realignment. There will be job creation and we will witness a shift in employment opportunities.

The report also reviews the fact that we have no composting or recycling facilities in Hawaii. This is mostly true. Whereas there are some smaller composting facilities, there is nothing commercially available. HOWEVER, it neglects a very important point.

When H-Power burns styrofoam, the renewable energy created is not what they would like us to believe. Styrofoam burns at a much higher "flash" temperature. And when it combusts in that manner, when the "flash" happens so quickly and so hot, the energy cannot be collected and turned into "renewable energy".

In fact, when H-Power burns the styrofoam, not only are we unable to make use out of it, but it also harms us by releasing harmful toxins into the air we breath.

Styrofoam also releases these toxins into the food and drinks stored in them. Consumers end up eating and drinking these toxins after storing their leftovers and drinks in these containers.

So, back to my original point, the Aina NEEDS YOU! We NEED YOU!

Please make to correct decision to save us, and create regulations that will drive market demand so that no restaurant/business is paying too much for eco-friendly choices!

Thank you for your time and consideration to this very important matter.

Mahalo,

Ocean Friendly Restaurants HI

Ocean Friendly Restaurants Criteria:

Restaurants participating must follow the first five criteria:

- No expanded polystyrene use (aka Styrofoam).
- Proper recycling practices are followed.

- Only reusable tableware is used for onsite dining, and disposable utensils for takeout food are provided only upon request.
- No plastic bags offered for takeout or to-go orders.
- Straws are provided only upon request.

And choose a minimum of two of these criteria:

- No beverages sold in plastic bottles.
- Discount is offered for customers with reusable cup, mug, bag, etc.
- Vegetarian/vegan food options are offered on a regular basis
- All seafood must be a 'Best Choice' or 'Good Alternative' as defined by Seafood Watch or certified as sustainable.
- Water conservation efforts, such as low-flow faucets and toilets, are implemented.
- Energy efficiency efforts such as LED lighting and Energy Star appliances, are in place.



Environmental Caucus The Democratic Party of Hawai'i

March 19, 2019

Re: In Strong Support of SB367 SD1 HD1

Aloha Chairs Takumi and Lee, Vice Chairs Ichiyama and San Buenaventura, and members of the committees:

The Environmental Caucus of the Democratic Party of Hawai'i is in **strong support** of SB367 SD1 HD1, prohibiting the sale of polystyrene foam food containers.

Polystyrene is not only a danger to our environment, taking over 500 years to break down, and often ending up as trash in our parks and beaches, but it is also a human health risk. The Department of Health and Human Services (DHHS), National Toxicology Program (NTP) listed styrene as "reasonably anticipated to be a human carcinogen" in the Report on Carcinogens, Twelfth Edition, released on June 10, 2011.

Many restaurants have already made the switch to more sustainable packaging, passing a mere 25 to 50 cents per container on to their customers. This minimal fee pales in comparison to the costs of plastic build up in landfills, removing it from our oceans, and its impact on the public health.

We urge you to pass SB367 SD1 HD1 and join us in protecting our environment and the public health from this long-lasting carcinogenic packaging.

Mahalo for your consideration!

Lana Olson

Chair, Environmental Caucus of the Democratic Party of Hawai'i.

<u>SB-367-HD-1</u> Submitted on: 3/15/2019 5:54:32 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Sylvia Dolena	Pele Lani Farm LLC	Support	No

Comments:

Pollutes the environment and marine life.



TESTIMONY IN SUPPORT OF SB367 SD1 HD1, RELATING TO ENVIRONMENTAL PROTECTION

Committee on Consumer Protection & Commerce

Rep. Roy M. Takumi, Chair; Rep. Linda Ichiyama, Vice Chair

Committee on Judiciary

Chair: Rep. Joy A. San Buenayentura, Vice Chair

Rep. Chris Lee, Chair; Rep. Joy A. San Buenaventura, Vice Chair March 20, 2019, 2:00 pm, Conference Room 329

Aloha Representatives,

Mahalo for your consideration of SB367 SD1 HD1.

Kōkua Hawai'i Foundation is a 501(c)3 non-profit organization that supports environmental education in the schools and communities of Hawai'i. Our mission is to provide students with experiences that will enhance their appreciation for and understanding of their environment so they will be lifelong stewards of the earth. One of our many programs is the Plastic Free Hawai'i program. Plastic Free Hawai'i provides resources, tools, and trainings to educate schools, business partners, and community members about the environmental and health benefits of going plastic free to minimize single-use plastics in our islands.

Since the beginning of this program, it has been our goal to inspire the keiki of Hawai'i to make changes in their own lives to eliminate single-use plastics like EPS foam and ask the same change from their friends, parents, neighbors, and community. Working with these youth in beach cleanups, panel discussions, environmental fairs, we hear the same question repeated: "why?" They ask why a product like foam, that we know to be toxic to people, animals, and the entire ecosystem, should still be available. These youth are moved to make change, and we ask the same of our legislators.

The urgency of the plastic pollution crisis calls for us to take bold steps toward removing the "low hanging foam fruit" of single use plastics from distribution. Cutting off the flow is the only true way to ensure that these toxic materials never enter our watersheds or further impact human and environmental health, including climate change. Kōkua Hawai'i Foundation will continue working tirelessly to encourage behavior change, but we are just one determined group. We need government and state agencies to take an active role in protecting this place that we love.

Mahalo for your time and consideration. Please support SB367 SD1 HD1.

Sincerely,

Jack Johnson,

Co-Founder, Vice-President

Kim Johnson,

Co-Founder, President

Natalie McKinney, Executive Director

MM Louney

www.kokuahawaiifoundation.org

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MAILING ADDRESS

March 19, 2019

TO: Honorable Chairs Takumi & Lee & Members of CPC/JUD Committees

RE: SB 367 SD1 HD1Relating to Environmental Protection.

Support for hearing on March 20

Americans for Democratic Action is an organization founded in the 1950s by leading supporters of the New Deal and led by Patsy Mink in the 1970s. We are devoted to the promotion of progressive public policies.

We support SB 367 SD1 HD1 as it would prohibit the sale, use, or distribution of polystyrene foam containers, expanded polystyrene food service products, plastic straws, and plastic bags.

One only needs to look at Wikipedia to find evidence in support of this bill: "Polystyrene is slow to <u>biodegrade</u> and is therefore a focus of controversy among environmentalists. It is increasingly abundant as a form of <u>litter</u> in the outdoor <u>environment</u>, particularly along shores and waterways, especially in its foam form, and also in increasing quantities in the Pacific Ocean." Save our beaches and ocean; ban polystyrene foam and other plastics that pollute.

Thank you for your favorable consideration.

Sincerely,

John Bickel President

<u>SB-367-HD-1</u> Submitted on: 3/15/2019 4:41:56 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Cathy Goeggel	Animal Rights Hawai'i	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/15/2019 5:28:40 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Jaunette Itsuno	Individual	Support	No	

<u>SB-367-HD-1</u> Submitted on: 3/15/2019 9:03:13 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Lois Crozer	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/15/2019 11:28:05 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Daniel Alvarez	Individual	Oppose	No

<u>SB-367-HD-1</u> Submitted on: 3/16/2019 8:59:09 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Douglas High	Individual	Support	No

Comments:

I support the full passage of this bill as written.

<u>SB-367-HD-1</u> Submitted on: 3/16/2019 3:47:09 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Gillian Boss	Individual	Support	No

Aloha Elected Officials.

I am writing you today in support of SB 367. Our beaches and coastlines on Kauai are covered with plastic marine debris. I am a volunteer with Surfrider Foundation and go out at least twice a week to clean up our beaches. In 2019, Surfrider Foundation removed over 10,000 lbs of debris per month. In 2018, our community cleanups removed about 115,000 lbs of debris off our coastlines, mostly net and plastics. We need to take action to reduce plastics in our oceans.

I support any bill that would reduce single use plastics.

Please support SB 367

I have attached an editorial from my fellow Surfrider Executive Committee members, as they summed up the plastic pollution issues nicely.

Mahalo Nui,

Barbara Wiedner ,1774 Puu Kaa St, Kapaa, HI 96746 808-635-2593

Plastics, health and saving the environment

By Dr. Carl J. Berg, Ph.D, and Dr. Gordon LaBedz, M.D. - Other Voices | Saturday, March 16, 2019

An important recent report issued by the Center for International Environmental Law reviews the toxic nature of plastics to human health, from extraction of petroleum products from the ground through refining and manufacture of plastic, then consumer use, waste management and plastic in the environment. Plastics are toxic.

The Kauai Chapter of the Surfrider Foundation has been thrust into the forefront of plastic waste management by trying to determine the best way to rid the island of plastic marine debris while trying to protect both human health and the environment from global climate change.

Our marine debris program collects and weighs over 50 tons a year of plastic nets, ropes, lines, buoys and miscellaneous trash that we need to safely dispose of.

The deadliest of marine plastic debris is derelict fishing gear that entangles, harms and kills marine animals, and eventually breaks down into microplastics and microfibers that are ingested, which can thereby also harm and kill.

According to Kauai County's 2017 Waste Characterization Study, an estimated 9,595 tons of plastic was disposed of at the Kekaha landfill in 2017. Meanwhile, about 1,255 tons of plastic was diverted from the landfill through recycling and commercial backhauling to the mainland.

We recognize that marine debris plastics comprise a toxic group of chemicals that emit greenhouse gases (GHG) and other substances as they break down under UV radiation and aging; that they

adsorb toxic chemicals from the environment, releasing them later; and that plastic has entered into the food chain of aquatic organisms large and small.

Therefore, we do not support developing a circular economy for plastics. Instead, plastic should be removed from usage, sequestered out of the environment, and new production ended.

Furthermore, we do not support the process of burning plastic products (e.g. at H-Power), or fuel made from plastics, to create energy unless zero toxic gases and minimal GHGs are released into the atmosphere.

Plastics should not be "recycled," they should be "transformed" and removed from the environment. At the moment, the only solution for Kauai is to bury plastics in the Kekaha landfill. But Surfrider is looking for alternatives.

As Kauai County makes plans for a new landfill and continues their waste-diversion efforts, we advocate for the following conditions:

- GHG emissions are minimized in the transformation process, in transporting the final product, and in the creation of any waste;
- The process minimizes energy consumption, heat released into atmosphere, and is designed to produce only a minimal carbon footprint;
- No toxic chemicals should be used in transforming the plastics, nor produced in the process;
- No microfibers or microplastics are produced in the process, nor are shed from the final product;
- The final transformed product is coated, encapsulated, or otherwise sealed from exposure to the environment.
- The process is local or regional, provides both employment to the local community and a finished product useful to the local community;
- The process is designed to become economically self-sufficient over time.

Surfrider looks forward to working with the county and other community organizations to protect human health and the environment while ridding the island of plastic waste.

•••

Dr. Carl J. Berg, Ph.D., is senior scientist with the Kauai Chapter of the Surfrider Foundation. **Dr. Gordon LaBedz, M.D.**, is vice chair of the Executive Committee of the Kauai Chapter of the Surfrider Foundation.

SB-367-HD-1

Submitted on: 3/16/2019 6:30:40 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Mio Chee	Individual	Support	No

Comments:

As a mother who cares about future generations and the only planet we have, I stronglly support SB367. We all know that plastic pollution is a serious issue here in Hawaii. The earth covered by plastic is not the kind of planet our children deserve.

<u>SB-367-HD-1</u> Submitted on: 3/16/2019 6:40:45 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Micah Chee	Individual	Support	No	

Comments:

am a 7th grader at SEEQS public charter school in Kaimuki. I am supporting SB367. If we do not stop using single-use plastics, we are sabotaging ourselves internally because we are polluting our resources.

SB-367-HD-1

Submitted on: 3/16/2019 8:22:39 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Dyson Chee	Individual	Support	No

Comments:

As a 17 year old high schooler, I am in strong support of SB367. Although it now only bans polystyrene, I believe that this bill is a step in the right direction for a sustainable Hawaii. I would suggest reverting it to its original state where it bans single-use plastic straws and plastic bags. If not for our precious environment, please do it for future generations—our very lives depend on it.

<u>SB-367-HD-1</u> Submitted on: 3/17/2019 6:23:30 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Ryuko Miura	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/17/2019 8:28:20 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Ava Wagner	Individual	Support	No

Comments:

If we do not protect our environment we will lose it.

<u>SB-367-HD-1</u> Submitted on: 3/17/2019 9:55:49 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
VanNghi Vo	Individual	Support	No	

<u>SB-367-HD-1</u> Submitted on: 3/17/2019 10:00:08 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Doug Killpatrick	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/17/2019 10:09:12 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Ruta Jordans	Individual	Support	No

Comments:

Please eliminate polystyrene from Hawaii!

SB-367-HD-1

Submitted on: 3/17/2019 11:43:01 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Mason Cawley	Individual	Support	No

Comments:

Aloha All,

Please pass SB 367 and ban the use of polystyrene containers by the food service industry. It is a well known fact that are oceans and atmosohere suffer due to the use of it. Locally it hurts our land fills as well.

As a resident of Kaua'i I have seen many of the local resturaunts opt for more eco friendly containers and it has not affected thier business as thier doors have remained open. I personally choose to dine in and or purchase take out only from businesses have made the change.

In a world where so many others are not doing thier part, the state of Hawai'i needs to demonstrate leadership in being stewards of the land and putting our future and our childrens future first. Mahalo for your time.

Testimony of

ELENA ZUCCHINI

Hawai'i resident

Before the House Committees on

CONSUMER PROTECTION & COMMERCE

AND

JUDICIARY

Wednesday, March 20, 2019

2:00 PM

State Capitol, Conference Room 329

In consideration of

SENATE BILL 367, SD, HD1

RELATING TO ENVIRONMNETAL PROTECTION

Aloha Chair Roy M. Takumi and Chris Lee, Vice Chair Linda Ichiyama and Joy A. San Buenaventura and Members of the House Committees on Consumer Protection & Commerce and Judiciary.

My name is Elena Zucchini and I am an international student at the Hawaii Pacific University. I am here today in order to give my support to the bill SB 367, SD1, HD1, which seeks to prohibit food service businesses and stores from the sale, use, or distribution of polystyrene foam containers, expanded polystyrene food service products, plastic straws, and plastic bags.

I decided to come to Hawaii in order to graduate in Environmental Studies. I thought it would be the best location to study about sustainability and the environment. However, when I first came to Hawaii, I saw several things that showed me that there is still a lot of progress to do in order to achieve a sustainable way of living. Styrofoam and plastic pollution are one of the reasons why I think that. Indeed, I do not understand how foam, plastic straws and plastic bags can still exist knowing that they have environmental and human health impacts as well as cleanup costs. This weekend, I had the opportunity to go help the Surfrider foundation during a beach cleanup and it stroke me to see how much plastic and foam were present along the beach. According to me, the reason is that people are not enough educated about the environment and its impacts. And because of that, predictions show that by 2050 there will be more plastic by weight in the ocean than fish. However, there are alternatives to foam and plastic utensils. For instance, in France and other European countries we do not use foam and plastic but bio-composite materials as cardboard. These recycled materials do not have any environmental impact and can even provide savings over Styrofoam materials in the long-run.

Hence, Styrofoam and plastic are affecting our environment, and it is our responsibility to change this trend. I do think that each step that we will make in order to ban these products will result in a positive impact on the environment and a chance to resolve our mistakes.

Thank you for the opportunity to testify in support of SB 367, SD1, HD1.

<u>SB-367-HD-1</u> Submitted on: 3/17/2019 1:21:41 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Judie Hoeppner	Individual	Support	No

Comments:

I totally support banning Styrofoam in all of Hawaii.

<u>SB-367-HD-1</u> Submitted on: 3/17/2019 1:48:05 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Steven Melling	Individual	Oppose	No

<u>SB-367-HD-1</u> Submitted on: 3/17/2019 4:13:50 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
JOY SCHOENECKER	Individual	Oppose	No

Comments:

I Oppose this bill

SB-367-HD-1

Submitted on: 3/17/2019 5:07:56 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Comments:

We should have stopped using styrofoam a long time ago. This action is long overdue. Take out places will adjust quickly, and we'll wonder why we didn't do this sooner. Any minor increase in cost is small in comparison to the positive environmental impact. Thank you for your attention to this issue. Please make the right choice!

<u>SB-367-HD-1</u> Submitted on: 3/17/2019 5:24:47 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Toby Rushforth	Individual	Oppose	No

Comments:

i BELIEVE THERE IS A BETTER WAY. DO YOUR JOB!

Submitted on: 3/17/2019 7:21:16 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Abigail Gray	Individual	Support	No

Comments: Aloha, My name is Abigail and I work in the airline industry here on Oahu. Like many others on this island I am part of the, constantly growing, 17 million dollar tourism industry here in Hawaii. With an increasing number of visitors flying in each day I believe it is detrimental to our island to ban single use plastic and styrofoam. If our oceans and coastlines continue to be polluted our tourism industry will begin to deminish. Most of our island relays on tourism for sustainable jobs, and with unhealthy marine life and the deterioration of our island's coast we threaten the future of tourism and viable jobs to hard working families. The ban of single use plastic and styrofoam is feasible, and I believe the people of Hawaii are inherently entitled to live in a clean environment.

Submitted on: 3/17/2019 9:10:55 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Mary Smart	Individual	Oppose	No

Comments:

Vote no. This bill will do nothing to save the environment but will hurt the business community. There is no proof that baning these materials will have a positive impact. It is only a theory, an expensive theory on the community. A vote for this bill will show you have no interest in protecting businesses in Hawaii. Do not pass SB367 SD1 HD1.

<u>SB-367-HD-1</u> Submitted on: 3/17/2019 9:27:13 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
SUSAN P HUGHES	Individual	Oppose	No

Submitted on: 3/17/2019 9:49:14 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Comments:

Dear Committee Member,

As a home owner and resident of Hawaii I am frustrated on a daily basis at the amount of plastic rubbish that ends up on the ground along my walk way and communal path to my home. I live in a low income area and other residents do not take responsibility for their waste. So often I am forced to clean up after them.

I believe this bill will help solve some of the rubbish problems at the source.

I fully support it.

Thank you for considering positive change to make Hawaii a leader in protecting our planet and home.

<u>SB-367-HD-1</u> Submitted on: 3/17/2019 10:11:47 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Andrew N. Bodnar	Individual	Support	No	

<u>SB-367-HD-1</u> Submitted on: 3/17/2019 10:35:41 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Sheena Weller	Individual	Support	No	

<u>SB-367-HD-1</u> Submitted on: 3/17/2019 10:40:33 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Cory Harden	Individual	Support	No

Comments:

Aloha legislators,

I hear plastic was found in the Mariana Trench. It's choking Third World rivers and it's in supposedly pure bottled water. Enough already!

mahalo,

Cory Harden

Submitted on: 3/17/2019 10:42:49 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Joanna Wheelers	Individual	Support	No	

Comments:

Dear Sirs:

Please pass this bill. A product that is not biodegradable affect the health of our oceans and we need to be leaders and take care of the polution problem. It is a must we take action now. For our kids and their children, please support this bill.

Sincerely and with aloha,

Joanna Wheeler

Kapaa

Registered Voter

<u>SB-367-HD-1</u> Submitted on: 3/17/2019 11:37:14 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Jennifer Urmston	Individual	Support	No

Comments:

Styrofoam is incredibly persistent in the environment and can be very harmful to wildlife. It is really quite unnecessary, and can easily be substituted for paper goods instad.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 2:13:11 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Giulia Rossi	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 2:28:48 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Barbara L. George	Individual	Support	No

Comments:

SUPPORT.

Submitted on: 3/18/2019 7:04:39 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Comments:

This testimonly is fitting for multiple bills:

We have one guaranteed planet. Earth is the only place humans can rely on. It may become important for us to explore other options in the future, but we need realize the challenges that will come with humans establishing a home on another planet. We need to protect the one we have and focus on sustainability for the next 10,000 years or so. Sustainability might give us time to come up with a good plan for expansion of the human race.

Please support this bill. Please choose the right side of history and raise the bar for sustainability on this planet. Please do this for our children and their children.

Mahalo,

Elizabeth Matthews

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 7:26:24 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Blake Wells	Individual	Support	No

Comments:

I can't believe it's 2019 and we're still using styrofoam! This stuff is dangerous, and Hawaii is no place for it. There are better alternatives that won't end up on our shores and in our water. Let's lead by example on this issue.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 7:40:03 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 7:55:07 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Jeri Di Pietro	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 8:10:33 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
carol bodnar	Individual	Support	No

Submitted on: 3/18/2019 8:51:28 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Meg DeLisle	Individual	Support	No

Comments:

Single-use plastics may represent the epitome of today's throwaway culture. Most of our plastic ends up in landfills, our oceans and waterways, and the environment. Plastics do not biodegrade. Instead they slowly break down into smaller pieces of plastic called microplastics.

Research shows the effects plastic has on the Earth as well as on humans. It can take up to thousands of years for plastic bags and Styrofoam containers to decompose. In the meantime, it contaminates our soil and water. The toxic chemicals used to manufacture plastic gets transferred to animal tissue, eventually entering the human food chain. Styrofoam products are toxic if ingested and can damage nervous systems, lungs and reproductive organs.

For many animal species, plastic waste is simply a nightmare. Plastic items like bags and straws choke wildlife and block animals' stomachs. Turtles and dolphins, for example, often mistake plastic bags for food.

If this doesn't sound bad enough already, the problem is getting worse. Each year, about eight million tons of plastic waste enters our oceans. That is like dumping a garbage truck full of plastic into the ocean every minute. If this continues, **plastics could outweigh fish in our oceans by 2050**. Unless we take drastic action now, it's expected that the amount of plastic littering the world's oceans will triple within a decade.

Every little bit of plastic reduction can make a bid difference. SB 367 is a critical step in moving Hawaii in a safer, healthier and more environmentally friendly direction. There are SO many alternatives to styrofoam and other single use plastics. Merchants and companies can adjust with minimal cost and inconnience. Its just the right thing to do for Hawaii's future. Malama ka aina!

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 8:53:46 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
trevor howard	Individual	Support	Yes

Submitted on: 3/18/2019 9:01:36 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Alex Miller	Individual	Support	No

Comments:

Thank you for reading this testimony. I strongly support SB367 because I believe single-use plastic materials have no place in Hawai'i in 2019. As island residents we should understand the vulnerability of our ecosystems and do everything in our power to change our behaviors so that we can have healthy and thriving waters and lands. There are convenient, safer alternatives to plastic containers available to us.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 9:06:19 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Brandon Allen Kainoa Leong	Individual	Oppose	No

Comments:

Oppose

Submitted on: 3/18/2019 9:19:44 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Kurt Indvik	Individual	Support	No

Comments:

As an active member and volunteer of the Surfrider Foundation Kauai Chapter, I help fill truckloads of man-made debris that we pull off the shoreline of Kauai every week. Plastic, polystyrene and many other types of waste material from packaged goods products and take-home food packaging are entering our oceans and finding their way into the very fiber of the animals and plants living there. It wasn't until I began volunteering with Surfrider about two years ago that I could fathom the staggering amount of plastic and other debris mankind is dumping into the oceans, the critical environment that surrounds us here in Hawaii. We cannot for the sake of our oceans, and our own health and wellbeing, allow this to continue. Therefore I urge passage of SB 367, to curb the use of polystyrene in Hawaii. Thank you.

Submitted on: 3/18/2019 9:24:52 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Comments:

I SUPPORT this bill to phase out single-use plastics over 5 years (or Less!) (including those terrible "reusable" ones that STILL end up in the ocean). The earth cannot sustain the rate at which we are polluting it with plastic. "Save the Earth" is a real and necessary purpose and action. This is a matter of saving ourselves, the human race and our planet. The planet and ecological systems cannot repair itself when we continually pollute it. The reason for taking environmental action is to save us, for our children, and our children's children. We can start by with the simplest, easiest solution, which is to ban SINGLE-USE plastics. I understand plastics plays a crucial part in our daily lives. A great example is the medical industry needing it to save lives. But that is a use of plastic for crucial means. SINGLE-USE plastic is the most gluttonous, obnoxious use of plastic and an insult to our planet. We need to start with legislation that bans SINGLE-USE plastic so that people are forced to make lifestyle changes for the betterment of the entire society. Let's not pollute this beautiful earth for the sake of a small "convenience". The time necessary to biodegrade is not worth the 15-minute transport of my lunch. I'll bring my own container or use quickly biodegrading/dissolvable containers.

Subject: SB367 SD1 HD1 related to plastics, CPC/JUD hearing 3/20/19 2pm

Aloha, Chair Takumi, Chair Lee, Vice Chairs and committee members.

Mahalo for taking the time to consider SB367. My name is Jennifer Milholen, and I work for Kōkua Hawai'i Foundation as the Waste Reduction Coordinator. Our programs work with schools and communities across the state who envision a plastic-pollution free Hawai'i. We achieve this through presentations, beach and watershed cleanups, community and business partnerships, and modeling waste free events, all engaging 10s of thousands of Hawa'i residents and visitors. The feedback from these programs is overwhelmingly unified: Get Single-Use Plastics Out! This bill address the "low hanging fruit" of senseless, convenience-plastic pollution like EPS foam that can be quickly and effectively transitioned out with massive impact. Other municipalities, like Berkeley, CA are already moving on measures like these with massive public support. The path is defined, we only need the courage of lawmakers to push us forward.

The legislature is tasked with considering thousands of bills every session, each taking up matters that impact the health, safety and happiness of Hawai'i residents and visitors. Every single one matters, but I would argue that these bills that address plastic pollution and moving toward a zero waste framework for production, consumption, and disposal are THE most important. What is often lost in plastics conversations, is that PLASTIC PRODUCTION = CLIMATE CHANGE.

"99% OF PLASTIC COMES FROM FOSSIL FUELS.

When we think about climate change, we typically focus on factories, coal and cars, but rarely on this fact. As plastic activists, we usually talk about downstream environmental impacts or health threats, but only marginally on the connection between the plastics economy and carbon pollution.

PLASTIC IS CONNECTED TO CLIMATE CHANGE AND IT POLLUTES AT EVERY STAGE: FROM MATERIALS EXTRACTION TO PRODUCT PRODUCTION TO WASTE DISPOSAL."

Climate change is the most dangerous issue of our time, and urgent, broad sweeping action is essential. IF we want to truly act as the global environmental leaders that we claim to be, we HAVE to acknowledge that the flood of plastics in our lives are directly contributing to climate change and take local, but impactful, changes to transition away from these single-use convenience plastics.

The environmental and health detriments of foam for food vending are established and well-documented. We have known for years that, by design, EPS foam is ultra lightweight and

escapes collection and management systems. Once in the environment, the foam fractures into billions of pieces of microplastics, which are consumed directly into the food chain - into us. Countless thousands of marine animals and birds starve to death because of ingesting plastics like foam. This is in addition to the leaching of known carcinogens from foam when used with hot and acidic foods.

1) Public Demand: The Honolulu Auditor office's 2018 report on prohibiting foam food containers determined that foam "bans" have overwhelming public support.

From the Report: "Restaurants want to do what is best for the environment. 95% of respondents said that they believe waste and litter is an environmental problem for our streams and ocean, and 98% of respondents stated that they would be willing to do more if they knew it would be green and protect the ocean. A majority (56%) of respondents stated that they would support (i.e., rating of 6-10 on a 10-point scale) a bill that banned the use of single-use polystyrene food containers.

In the 2018 Legislative Session, a foam ban bill (SB2498) was the most supported bill of the session, and recent memory, receiving well over 600 testimonies in support for a single hearing. Students were excused from classes, people took time off work, and business owners left their restaurants all to come show support for measures like these. It was impossible to even get into the hearing room it was so full, so many of us congregated outside waiting for our chance to show support.

- 2) Economic Imperative: In 2017, the HI DOT Highways division produced a report on roadway flooding that indicated foam containers and plastic bags were the TOP items found to be clogging up storm drains, leading to flooding. The report also indicated that the prohibition of these items would save the division and the counties multiple millions of dollars in cleanup costs.
- 3) Established Precedent and Modeling: Maui and Hawai'i Island counties have already vetted these arguments and determined the value of prohibiting foam in food service. Maui's foam prohibition has already begun, and their environmental office will testify to the fact that it is well-supported and the transition has been smooth.
- 4) Faulty Science: Opponents of EPS foam restrictions often point to the fact that the FDA has never rescinded their approval of EPS foam. However, extensive review of the FDA's testing protocol reveal (and have been published) that their methods rely on protocols originating in the 16th century (literally), and are grossly inadequate to effectively test for these products true toxicity in the body and as a public health concern. The FDA's approval of EPS foam products is based on insufficient science and should NOT be taken as gospel.

As a final thought, please consider the following amendment:

Similar legislation that has been passed around single-use plastics has allowed for a financial hardship exemption (if able to demonstrate). Consider including such a provision to make these transitions more palatable for business owners.

Mahalo for your time and consideration. Please support SB367.

Jennifer Milholen

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 9:35:00 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Andrea Bertoli	Individual	Support	No

Comments:

My name is Andrea Bertoli and I fully support SB 367 to pan polystrene food containers in the state of Hawaii. Polystrene has known human and environmental issues and it's time for Hawaii to take a lead in addressing this easy and sustainable solution.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 9:42:07 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Nathalie Champion	Individual	Support	No

Comments:

Please do the right thing for our oceans and our environment and limit single use foam containers!

Submitted on: 3/18/2019 10:08:46 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Andrew Towl	Individual	Support	No

Comments:

I support this bill. While it is not as comprehensive as it should be, it is a small step in the right direction to stopping one of the major issues of our time. Not only is the disposal of polystyrene a complication, often leading to litter along roadways and the ocean as a final destination, but it's breakdown over time leaves harmful chemicals that end up in the food chain and eventually in us. This transfer of toxic chemicals has been linked to numerous health problems not only in environment, but in humans as well. The best way to deal with this issue is to stop it before it starts. Again, this bill is a small step in the right direction, please pass it for the sake of our generation and those that follow.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 10:21:12 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Dan Bissell	Individual	Support	No

Comments:

It is more important for our state in the long run to remove polysterene. Until it is removed, no one will bother to find more environmentally friendly alternatives.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 10:38:26 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Tom Eisen	Individual	Support	No

Comments:

This bill does the right thing for the right reasons! Good job!

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 10:39:57 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Lena Diaz	Individual	Support	No

Submitted on: 3/18/2019 10:39:58 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Danielle Kuck	Individual	Support	No

Comments:

A small adjustment in the way we do things is well worth the benefits we can have on our planet. We have gone on too long with using the convenient option or sometimes the only option that is available to us. For what gain? A few pennies saved? It seems like a simple decision of the negative impacts outweighing any benefits.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 11:28:21 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Adrianne Kimber	Individual	Support	No

Comments:

Polystyrene wreaks havoc on our environment, particularly the marine environment, for years after it is used for 10 minutes of human convenience. Please ban this substance!

Submitted on: 3/18/2019 11:44:09 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Gena Whitten	Individual	Support	No

Comments:

It is time to limit or prohibit the use of all single use plastics. The cost to the environment is too great. Our island environment is too fragile. Marine Life is injesting plastic which goes into human food supply. Animals are dying from plastics in the sea. This has to stop. The time is now.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 12:02:59 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Cindy Snow	Individual	Support	No

Submitted on: 3/18/2019 12:27:02 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Comments:

It is a given that single use plastics are toxic to not only the land and the environment but to our health as people, as animals. The ocean life are dying with the massive ocean pollution of plastics and toxic chemicals that leech from them. There are sooo many other reasons why this bill needs to pass. We can and will set a BIG example that the world needs right now to be forward thinking and create new ways of packaging and consuming things/food/goods. We can do this.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 12:56:19 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
june chee	Individual	Support	No

Submitted on: 3/18/2019 1:00:25 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Seda Howe	Individual	Support	No	

Comments:

As a former resident of Hawaii, I still cherish and adore the beauty of my island. I support this bill to keep beaches, public parks, streets, and everywhere in Hawaii to remain clean and safe for all. Especially for the sea life. Please pass this bill to keep our beautiful island beautiful.

Mahalo

Submitted on: 3/18/2019 1:10:18 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Jesse Owens, Ph. D.	Individual	Support	No

Comments:

Just last week I pulled 4 pieces of single use plastic from the water as I was about to head out to the surf break. Trash was being blown all over the beach and ending up in the ocean. As residents of a pacific island, we have the responsibility to keep our trash away from the ocean. The single-use plastics ban SB367 is a crucial first step in this process. We can easily use re-usable containers or other alternatives to styrofoam for our food. I personally bring a re-usable clam-shell when I get lunch, and there is absolutely nothing wrong with that. Styrofoam has polluted our oceans enough! Straws cause un-needed pollution and we should follow the large change in mindset that is happening worldwide and stop promoting the use of single-use straws. This bill supports phasing out food service waste that people of Hawai'i do not want! It is very easy to use re-usable straws and containers, we need to make a law that stops businesses from practices that end up polluting our oceans for no good reason! I support SB367!

Submitted on: 3/18/2019 1:15:51 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
yuri cardenas	Individual	Support	No	

Comments:

Aloha Respected Council Members,

I'm in support of SB 522, reducing polystyrene foam on Hawaii.

We have environmentally better options and an obligation to our visitors, ocean and ama to make more earth friendly choices. 40kg of plastic was just found in the stomach of a dead whale.

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

Mahalo for your consideration,

Yuri Cardenas

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 1:45:31 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Rosanne Brady	Individual	Support	No

Submitted on: 3/18/2019 1:27:52 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Kari Goodbar	Individual	Support	No

Comments:

Aloha,

My name is Kari Goodbar. I am a resident of Palolo Valley and today I wish to voice my full support for SB 367 which would prohibit food service businesses and stores from the sale, use, or distribution of polystyrene foam containers, expanded polystyrene food service products, plastic straws, and plastic bags.

I am an animal care specialist at Dolphin Quest Oahu and secretary for the Executive Committee of Surfrider Foundation's Oahu chapter. I spend my weekends cleaning our beaches and attempting to quantify endless amounts of marine debris and I spend my work week caring for and studying marine mammals. In addition to animal care, the most important aspect of my job is educating people about marine animals and the threats they face in the wild. Amongst a myriad of human induced threats to our oceans, the biggest issue that we highlight and encourage our guests to take action on is plastic pollution. The problem with polystyrene and other single use plastics is that it isn't compostable and degrades into fragments. These fragments are impossible to clean up and easy for animals at all levels of the food chain to mistake as food and ingest. Dolphins and other marine mammals swallow their food whole, so ingestion of these materials is simple and instantaneous. This material is a plague on our ocean ecosystems because an item that is designed to be used once for mere minutes remains in the environment forever.

In my everyday job as an educator, I focus on plastic pollution because it is an area where small actions by a large number of individuals can actually have a huge impact. When I share this information with my guests who come to meet the dolphins or people who are joining a beach clean up for the first time, they are horrified at the impact our societal mentality of "disposable" convenience is having on our oceans. I share with

them ways that they can help make a positive difference, such as avoiding these single use plastics or choosing products with alternative materials such as glass or cardboard. These are simple actions people might not have considered before but they are actions that people are highly receptive to and eager to adopt.

My wish today is for our laws and legislation to emulate the personal responsibility our public is already taking. In Hawai'i, we are blessed to be constantly surrounded by and connected to nature. I hope that the state of Hawai'i can lead the example for the rest of the nation in protecting and preserving the fragile ecosystems that support our very existence. Please help stop a major source of pollution at its source by supporting SB 367 today. Thank you for your time and consideration.

Respectfully yours,

Kari Goodbar

Submitted on: 3/18/2019 2:11:22 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Brendon	Individual	Oppose	No

Comments:

I strongly oppose this bill because the true facts are not realized.

Expanded Polystyrene(EPS) is by far the best insulator for hot or cold foods and does not pose a threat to human life.

The rumor of it taking hundreds of years to break down is also false because EPS foam has only been around for about 40-50 yrs. (another lie fed by our opposition)

The threat to marine life is not from the material but rather from the people who do not dispose of their trash properly. Also trash cans in public places need to have lids on them so trash does not blow away.

The root of the issue is money. The environmental groups are funded by the companies that sell primiarly compostable products. Their products do not stand up to the price and features of a EPS foam container, so the only way into the marketplace would be to change the rules.

Please understand that the cost of the compostable containers are significantly more than the foam. The rumor of it being only .10 cents cheaper is a lie as well. Not all things were considered when they came up with that number (warehousing, storeage, freight/shipping, labor, etc.) need to be factored into the real equation to give you an accurate price.

As stated by the city audtior, banning of foam wont change anything as far as our litter issue goes.

please listen to the people that out there fighting to make a living. please listen to those that own resturants or businesses that use foam to do their work. please listen to those that pay their taxes fairly.

S					

Brendon

-Brendon

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 2:18:44 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 2:20:56 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 2:25:07 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 2:32:22 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Present a Position Hearing	
James Dong	Individual	Support	No

Comments:

It is absurd that the younger generation has to fight for environmental changes to protect the Earth that the older generations have failed to adequately address.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 2:34:56 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Lily Dong	Individual	Support	No

Submitted on: 3/18/2019 2:41:52 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	7
Marissa Miller	Individual	Support	No	

Comments:

Aloha,

As a representative of Hawai'i's youth, I am writing today in support of SB367 because it is an important step towards reaching environmental, economic, and social sustainability. Single use plastics have drastic, far-reaching impacts on our ecosystem and also jeopardize human health. Plastics do not biodegrade in the environment and they accumulate toxins in high concentrations and can enter our food chain through fish consumption. This is a huge problem and Hawai'i must take the lead in preventing this environmental and social injustice by transitioning away from single use plastics. Furthermore, there are economically viable alternatives and transitioning away from single use plastics will not jeopardize businesses or restaurants. In fact, the demand for plastic-free lifestyles and options is growing, and businesses or restaurants will need to start transitioning away in order to keep up with the trends and remain economically competitive. I urge you to support this bill so that Hawai'i can move in the direction of protecting future generations and keeping the keiki and the 'Ä• ina in mind.

Mahalo.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 2:44:02 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 2:55:31 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Elise Lee	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 3:03:08 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
justin shim	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 3:04:10 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Philip Lemoine	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 3:14:13 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Jaime Ciletti	Individual	Support	No

Comments:

Please do the right thing and pass this bill

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 3:20:26 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
sue chipperton	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 3:20:36 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	7
kimberly diaz	Individual	Support	No	

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 3:23:32 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Lei Shimabukuro	Individual	Support	No	

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 3:23:55 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Kelly Nash Montone	Individual	Support	No

Comments:

I am passionate about our world and mother nature. It is important to me that I do my best to take part to protect, respect and be responsible to encourage healthy habits for all.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 3:24:44 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 3:25:40 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Zachary Dilonno	Individual	Support	No

Submitted on: 3/18/2019 3:26:37 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Comments:

We have to start taking responsibility for ourselves via giving up convenience for the sake of a healthy environment. It's easy to blame the profit-driven chemical companies, but it we don't buy or use they go out of business, as they should. There are better ways of living on this planet.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 3:37:48 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Katherine Killebrew	Individual	Support	No

Comments:

This should've been passed a long time ago! I agree with this bill.

Submitted on: 3/18/2019 3:46:48 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
jacqueline hansen	Individual	Support	No

Comments:

Foam should have been banned in Hawaii long ago. With the amount of damage it does to the environment, the amount of time it takes to break down & the ample other options available for containers/carryout, this should be an easy transition for any business.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 3:49:35 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Te'sha Martines- Melim	Individual	Support	No

Submitted on: 3/18/2019 3:51:32 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Kristina Kramer	Individual	Support	No

Comments:

It is a small change with a huge impact. If we do not curb our destructive habits now then there will not be a habitable planet for future generations. We have made steps backwards in our quest for progressing forward in the past 50 plus years and now we are learning what our ancestors already knew, living as one with the land and nature. An old motto, but one seemingly truer today- use it up, wear it out, make it do, or do without. We need to relearn to live frugally, cautiously, and with a better future in mind. I believe not only is this bill a benefit to the environment but also the economy. So many untapped markets and openings for green thinking companies. Rather than fighting this change companies should embrace it and the new revenue that could be gained by this ideology that is yet still so fresh. With these thoughts and more I can whole heartily say "While there should not need to be a bill to make people do what is right, I understand that sometimes humanity needs a nudge in the right direction. So yes!"

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 3:52:09 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Karen Abe	Individual	Support	No	

Comments:

Aloha,

please pass this bill as a way to demeonstrate our cuture of malama aina as a role model for both the nation and global world. Hawaii must lead in this enviornmental movement.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 3:54:24 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Comments:

Foam needs to be phased out of our State immediately.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 4:06:37 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 4:00:48 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Fawn Liebengood	Individual	Support	No

Submitted on: 3/18/2019 4:07:27 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Tammy Chang	Individual	Support	No

Comments:

I fully support that ban of styrofoam containers as it is exremely noxious to the environment. Many food establishments overuse these containers and serve food in these containers even when dining in restaurants. We need to protect our land and sea before damage is irreversible.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 4:09:11 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Chelsea Cline	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 4:15:06 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Nicole Nagasawa	Individual	Support	No	

Submitted on: 3/18/2019 4:19:23 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Comments:

I am in full support of SB367. There is no place for single use materials in our society - particularly in the food industry. Estimates vary for the breakdown of Styrofoam from a few years to as much as 1 million, depending on environmental conditions. Because of this, styrofoam often ends up as pollutants along our shorelines and nearshore waters. Hawaii has the opportunity to serve as a model for the rest of the nation in regards to promoting a regenative and sustainable waste system. The passing of SB367 is a step in this right direction.

Thank you for consideration,

Abbey

Submitted on: 3/18/2019 4:31:33 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Shelley White	Individual	Support	Yes	

Comments:

AS AN AVID SNORKELER SWIMMER AND VOLUNTEER AT HANAUMA BAY, I AM VERY CONCERNED WITH THE STATE OF THE OCEAN! I SEE PLASTIC EVERY TIME I AM IN THE WATER (5 DAYS A WEEK FOR THE PAST 3 YEARS). IT WASHES IN WITH THE TIDE, AND WASHES BACK OUT WITH THE TIDE. HANAUMA BAY ACTUALLY RECEIVES LARGE AMOUNTS OF PLASTIC DEBRIS. MORE AND MORE FREQUENTLY AS THE DAYS PASS. I'VE SEEN THE TURTLES WRAPPED IN IT AND THE FISH EATING IT ON THE SURFACE. IT IS SO DISTURBING. WHAT A SHAME IT WILL BE WHEN ALL THE FISH, BIRDS, MARINE LIFE ARE SUFFOCATED DUE TO MAN'S NEGLECT. WE NEED TO BE GOOD STEWARDS OF THE EARTH WE HAVE BEEN GIVEN.

AS A CONSUMER, I AM MORE CONCERNED WITH THE DOWN RIGHT OVER PACKAGING IN OUR ISLAND COSTCO AND THE LARGE BOX STORES., AS WELL AS FAST FOOD ESTABLISHMENTS. THE AMOUNT OF PLASTIC THAT COVERS EGGS, APPLES, TOMATOES, COSMETICS, DETERGENTS, ETC. IS ALARMING. I TRULY BELIEVE WE ARE CONSTIPATING THE EARTH (FILLING THE EARTH WITH UN-BIODEGRADABLE PACKAGING THAT IS USED ONLY ONCE). SOME ORGANIC DISTRIBUTORS USE THE MORE DEGRADABLE TYPES OF PACKAGING - EVERYONE SHOULD.

THE ISSUE IS ONLY GETTING WORSE. IT'S TIME TO GET SERIOUS ABOUT THIS TODAY! ONE PERSON CAN'T MAKE A DIFFERENCE BUT MANY CAN. I BEG OF YOU-THERE HAS TO BE A BETTER WAY TO GET MERCHANDISE IN THE HANDS OF CONSUMERS!

THANK YOU!

SHELLEY WHITE 3-18-19

Submitted on: 3/18/2019 4:34:29 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Parker Keil	Individual	Support	No

Comments:

The phasing out of non-biodegradable foams are imperative for better and more sustainable business practices. The amount of foam that washes ashore and pollutes Hawaiian beaches and public areas is astounding. This is a step in the right direction reversing generations of pollution and abuse to our oceans and natural resources. I firmly believe this is a measure that will support and generate new and existing businesses.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 4:35:20 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Devon Lucero	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 4:42:03 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Gioconda Lopez	Individual	Support	No	

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 4:44:18 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Jennifer Conder	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 4:45:05 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Nan Himmelsbach	Individual	Support	No

Comments:

I support this bill. Single use plastics and polystyrene have so many scientifically supported negative effects on humans and our enviornment. Reducting consumption is the first step in reducing production.

Submitted on: 3/18/2019 4:58:22 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Annie Kopcso	Individual	Support	Yes

Comments:

This bill is necessary for the future of Hawaii and beyond. As one of the most beautiful places on Earth, Hawaii should be a leader in banning the use/sale of styrofoam, and all other harmful, toxic materials. As a consumer, I would gladly pay extra for compostable materials -- for the health of our environment, and the health of the community, and the health of the long-term economy. Not only is styrofoam ruining our physical world, but it is also toxic to all living beings, including humans. Protect our future! Mahalo!

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 5:00:09 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 5:00:20 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
loni gayle	Individual	Support	No

Submitted on: 3/18/2019 5:07:45 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Joanne Okika Shigeko Qinaau	Individual	Support	No	

Comments:

Honorable Attendees ~

Mahalo nui loa for reading my testimony today for SB367 and SB582. Having grown up in Ewa Beach I have fond memories of evenings, weekends, and whole summer days spent swimming and sunbathing at the end of Nalomeli Place. Thinking of the keiki in my family, in Hawaii, indeed, around the world, I am deeply concerned about the everincreasing rates at which climate change is impacting our quality of life.

Consumer culture in America has encouraged attachments to convenience - over doing what is clearly right - to the point where we are sealing an untimely and painful fate for our keiki.

It's time to ask ourselves, do we give in to greedy materialism, resign to business as usual, or do we stand as global leaders, alongside many other cities, states, and countries that have begun to phase out plastics?

There are other options.

What will we say to our keiki when they ask us why we didn't do anything? Why we didn't act any sooner and with a greater sense of urgency? Because of the bottom line? Because we didn't simply help small businesses figure out a better way?

I left Ewa Beach to attend intermediate school and high school in Town, then to Tufts and Columbia for my degrees. After this, I traveled the world, working as a teacher and community organizer. Now, as I settle back home in pursuit of my PhD, I often wonder why, as an island state so deeply affected by climate change, we have been so slow to take action on plastics. In San Francisco, Copenhagen, India, and Thailand, I noticed some truly inspiring - and sustainable - alternatives we could learn from. It is not my area of expertise, but I know we can do this, and we can do this right.

I hope that you will consider my testimony and take just a moment to listen to your own inner wisdom - how will you be remembered in history, when future generations look back on this crossroads in climate change?

Mahalo piha,

Joanne Qinaau

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 5:14:42 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 5:22:58 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Jody Smith	Individual	Support	No

Comments:

Please support this measure to reduce styrofoam waste and move into a more sustainable food container method.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 5:25:23 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Comments:

Aloha! Stong Support Please. Sorry I cannot make it! MAHALO!!! James

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 5:27:51 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Lorien Kuster	Individual	Support	No

Comments:

Please get rid of styrofoam! Keep our earth clean and healthy!

Submitted on: 3/18/2019 5:43:34 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Hannah Altschwager	Individual	Support	No	

Comments:

I'm a 27-year-old Australian, currently living in Oahu, Hawaii, on a boat in the Alo Wai Marina. For over a year I have been volunteering as the operations manager for a project called The Swim. Ben Lecomte was the first person to attempt to swim across the Pacific Ocean in 2018 and did so to raise awareness toward the oceans health. Due to damages to the support vessel, they were forced to come to Hawaii. As sad as it was that he didn't make it the entire way across the ocean, the plus side meant I have got to live and experience the beauty of Hawaii for the past three months. During the expedition, citizen scientists on board collected data on various aspects to do with ocean health, from microplastics, ocean toxicity and larger plastic debris. Ben and the crew returned to land with a new understanding of how bad this issue really is. I worked on land as the support team for the project, and although I didn't see it first hand, I witnessed the photos and the stories told by those on board that has made a lasting impact with me.

I would like to see all single-use plastic containers banned and in particular styrofoam. Food in styrofoam containers can be contaminated by chemicals that leach into the food, affected our health and reproductive systems. There are countless scientific studies done on this and the law needs to catch up. Not only is it harmful to humans, most throwaway plastic ends up in our oceans and is ingested by marine life.

It angers me every time I go to food stalls or restaurants and see styrofoam offered. I refuse to eat at these places because I do not want to support these products. There isn't enough education around this, and businesses need to have legislation to stop using these products.

Being Australian, I would love to see this banned all around the world. I feel so lucky to have the opportunity to live here, and want to do my part to help this beautiful island.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 5:50:30 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Claudia Mueller	Individual	Support	No

Comments:

Styrofoam has been known to transfer toxic chemicals onto our foods and does not biodegrade in our oceans nor can it be recycled. Therefore it should not longer be used/sold worldwide and in the state of Hawaii.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 5:54:41 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
kassidy kawa	Individual	Support	Yes

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 5:55:04 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Magdalena Mathis	Individual	Support	No	

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 5:57:26 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Comments:

i had a family member visiting from the mainland and took them to the beach on their first day on island and their initial reaction was "wow, look at all the plastic" instead of getting to enjoy the view.

Submitted on: 3/18/2019 6:12:07 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Alessia Sapori	Individual	Support	No	

Comments:

Aloha,

I support bill SB 367. Polystyrene foam is polluting our ocean, beaches and land.

There are plenty of sustainable solutions for food service containers, I'd be happy to pay the extra few cents for a compostable one.

Indeed I avoid the food establishments that use polystyrene foam cups or bowls because, not only it's a sign of lack of caring and lack of Aloha on behalf of the establishment itself, but it's an health risk for my family since polystyrene is known to leach out containers when food or drinks are hot.

Last year, the European Union - 28 Countries, 513 million people - approved the ban on single use plastic, including polystyrene, by 2021. In the State of Hawaii there are less than 1.5 million people. What are you waiting for? There is no time left.

MÄ• lama 'Ä• ina.

Mahalo,

Alessia

Submitted on: 3/18/2019 6:30:43 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Comments:

With tourism being one of our number one industries and working in Waikiki I witness the amount of waste in abundance. Tourist from other cities, states, and counties comment all the time on how behind Hawaii is with their eco-practices in even the basics like recycling, separating, and composting trash. In being surrounded by the ocean and using it as the center of our well being we should be setting the example to others in how to minimize plastic and waste that literally killing the eco systems of our ocean and planet. This is so important to stop this at the source. Please do your part in making the decision that impact the habits on human kind.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 6:36:26 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Franco Martinez	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 6:37:32 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Libby McGraw	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 6:50:08 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 7:03:08 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Marion McHenry	Individual	Support	No	Ī

Comments:

We cannot wait any longer to ban single use plastic and styrofoam.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 7:17:08 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
savannah cordell	Individual	Support	Yes

Submitted on: 3/18/2019 7:37:14 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Kate Reimann	Individual	Support	No

Comments:

Plastic, specifcally polystyrene, is the most abundant waste product found at our Surfrider Oahu sponsored beach clean ups. As a volunteer, it's frustrating to see how careless we've become. As a mother, it saddens me to see the way we are destroying natural resources. As a business owner, it's concerning that we allow these materials to be used pervasively on an island that thrives on toursim - tourism dependent upon natural beauty. The logic in this bill is outweighed only by the extreme need to pass this ban. Please pass this bill and make Hawaii a leader in sustainable, eco-aware efforts! Mahalo.

Submitted on: 3/18/2019 7:44:51 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Kahi Pacarro	Individual	Support	No

Comments:

EPS, especially for food use, is an archaic form of convenience that should have been eliminated years ago yet our inability to fathom the consequences our short term convenience has meant to the pollution of our environment, the internal toxic load we all burden, and the blind eye to an industry that will stop at nothing to continue to rake in the dollars at the expense of our health. It was time years ago which makes it still time, to pass regulations on this unecessary material that continues to persist in our environments and will continue to linger as an issue in our communities until our leaders garner the wherewithal to do the right thing.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 7:49:32 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 7:55:33 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 7:59:28 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Rachel DeRoy	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 8:12:06 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 8:22:45 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Tia Kyani	Individual	Support	No

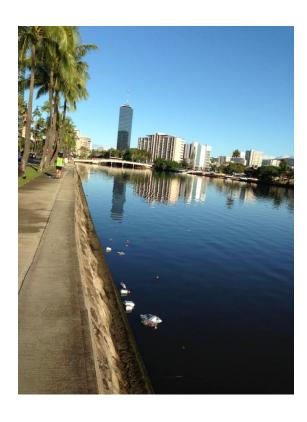
Mr. Kim Jorgensen 225 Kaiulani Ave #1604 Honolulu, HI 96815

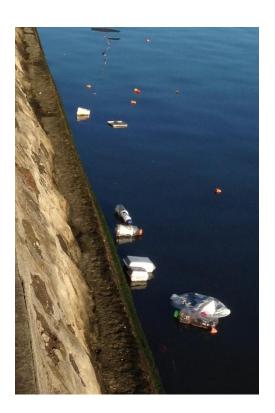
March 20, 2019

Attn: Committee on Consumer Protection & Commerce

Committee on Judiciary

I strongly support Bill SB367 SD1 HD1 (HSCR 1302). Please look at a typical view and close-up of the Ala Wai Canal that I see each day on my morning walk.





The number of polystyrene food containers always seen in the canal as well as flying around in the wind at beach parks is staggering.

Please support SB367 SD1 HD1 (HSCR 1302). Let's join the other cities and states and countries that have enacted such bans to protect humans, wild and marine life, and the environment.

Sincerely, Kim Jorgensen

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 8:31:25 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Kaitlyn Payanal	Individual	Support	Yes

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 8:39:11 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Yui Hartman	Individual	Support	No

Denise Boisvert 225 Kaiulani Ave #1604 Honolulu, HI 96815

March 20, 2019

Attn: Committee on Consumer Protection & Commerce Committee on Judiciary

There are many reasons why I strongly support Bill SB367 SD1 HD1 (HSCR 1302). This is one of them.



I hope you will support it as well. Thank you for your kind consideration.

Sincerely,

Denise Boisvert Waikiki

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 8:41:16 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Madi Tubus	Individual	Support	No

Submitted on: 3/18/2019 8:44:09 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Cynthia Welti	Individual	Support	No

Comments:

I would love to be able to go to restaurants and not have Styrofoam anywhere. It is so well reported that polystyrene does not break down, and so the sooner we stop using it as a society the sooner we can start to clear it out of our lives.

Please vote for this bill

Cynthia Welti

Kapaa, HI

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 8:46:26 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
diamond quinones	Individual	Support	No

Comments:

Let's save the planet.

Submitted on: 3/18/2019 8:46:43 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Comments:

Our beaches in Hawaii, as well as our fields, mountains, roadways, parks, etc deserve to be much cleaner! It would be an extremely positive movement to have this bill passed, and the rest of our nation look to us in a positive light for making the world more environmentally friendly! The diversity of our sealife and flora depend on what we do today, and reducing the amount of waste that ends up in our natural spaces is a huge part of that! Tourists come and go, not thinking of all the waste they leave behind, but we who live here are left to suffer through the waste and consequences. Please, consider the generations to come who would rather be learning about this beautiful and unique ecosystem, rather than continuing beach cleanups in a vicious cycle of single use trash! Styrofoam only breaks into more pieces, causing more damage to our precious marine life. It will never biodegrade, and the children of Hawaii will be left to suffer through the millions of pieces of leftover styrofoam if we don't put a stop to it today!

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 8:48:56 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Buffy Nakachi	Individual	Support	No

Comments:

I support SB367. Styrofoam is a menace to our paradise. Keep styrofoam out of our ocean and aina.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 8:58:39 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 9:06:09 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Tiggi Kempe	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 9:10:55 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Savannah Ericksen	Individual	Support	No	

Submitted on: 3/18/2019 9:13:49 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Ken Sentner	Individual	Support	No	

Comments:

Aloha Legislators,

Please pass SB367 to protect our precious environment, and the tourism industry that it supports. Foam containers have been shown to be toxic polluters of our beaches and oceans, and can be easily replaced by more environmentally-friendly alternatives.

Please don't let industry lobbyists dictate public policy. Do the right thing and pass SB367!

Mahalo,

Ken Sentner

2499 Kapiolani Blvd., apt. 2209

Honolulu, HI 96826

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 9:19:21 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Submitted on: 3/18/2019 9:28:04 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Andrea Nandoskar	Individual	Support	No

Comments:

Please support SB 367.SD1 HD1. As a longtime resident of Waikiki I have seen an intolerable increase in polystyrene littering our beaches and walkways. I've also participated in beach cleanups and seen firsthand the devasting effects the gradual breaking down of these unnatural items reeks on our waterways, sea animals and land. It's heartbreaking. It gives me tremendous hope, however, when I see a bill such as this introduced at session. It helps me believe Hawaii can be a leader and set an example worldwide by prohibiting food service businesses and stores from the sale, use or distribution of polystyrene foam products, which multiple studies have shown can be harmful to the health of humans, sea animals and natural ecosystems. Please lend your support and help make this happen.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 9:30:10 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Nadia Podo	Individual	Support	No

Submitted on: 3/18/2019 10:00:01 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Comments:

PLEASE JUST STOP IT!!! Visiting from Switzerland, I was very sad to see how much plastic is used here daily! The food containers are only used for a short amount of time and then thrown away or even just left behind!! I go to beach clean ups and see what happens to our environment and it it very sad! I dit not find any single beach without microplastic or other plastic! It has to stop now! Take action now! Care more about the ocean and wildlife, it is our responsibility!!

Submitted on: 3/18/2019 10:00:58 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Comments:

Dear Committee Members,

Banning styrofoam containers should be a no-brainer on 2 separate fronts: health and environment. The fact that this type of food containers can leach chemicals into our food should be enough of an argument. Being originally from Europe I am a little shocked that despite the extensive knowledge available in regards to the negative effects on human health, these containers are still on the market. It's not like there isn't any easily available and cost effective alternatives! Now considering the negative impact on the environment, what are we waiting for? I've heard the economic argument. Sure there is a local factory that made a bet on the wrong horse. So should we all pay the price? And surely having these foam containers flying off into the ocean and on the beaches has a negative impact on tourism. Isn't it part of the economy too?

Please be pono to your community and vote YES on SB367 SD1 HD1.

Morgan Bonnet

Chair of DPH District 25

Submitted on: 3/18/2019 10:08:49 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Raina Wong	Individual	Support	No

Comments:

Styrofoam does not degrade or break down over time. It is seen in many restaurants as a convenient, and cheap option. To many consumers, it is also a very convenient option, given that you can simply throw it away after using it once. If we want consumers to change their habits, we need corporations to do the same. When most people go out to eat and get a styrofoam container, there isn't another option. It's important that we reduce our carbon footprint and give people a sustainable option that doesn't harm the environment.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 10:14:39 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Submitted on: 3/18/2019 10:24:41 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Tabatha Aiko Knudson	Individual	Support	No

Comments:

Aloha honorable committee members,

My name is Tabatha Knudson and I am a freshman at the University of Hawai'i at Manoa. I have grown up on the east side of 'Oahu for my entire life and spent 10 years of my life in the water and at the beach almost every single day. I am sure that you already know about the eternal harmful effects of polystyrene foam containers on our environment, so I will not spend my time reiterating it. Instead, I would like to explain my perspective, as a student, local and consumer here in Hawai'i.

As a local, I have been fortunate enough to be able to enjoy and appreciate our beautiful beaches and oceans. However, as you can expect, I also witnessed the effects of plastic and waste pollution. I have participated in a variety of beach cleanups, and without fail, I am able to find some sort of polystyrene styrofoam container. There have been dozens of times when I am out in the water or at a surf contest and have found a piece of a polystyrene foam container. It is constantly an issue and threat to not only the 'aina, but to our health as well. By phasing out and eventually eliminating styrofoam on our island, we could help to prevent thousands of tons of styrofoam from harming our island, our earth, our visitors and ourselves. It would make my own and my peer's hearts so happy to not have to see styrofoam on our island.

As a student, I get to experience the results of various environmental initiatives within our campus community. At the University of Hawai'i, we currently have a ban that prohibits the use of polystyrene food containers. I have never had an issue with any of the cardboard/alternate to-go food containers, and neither has any of my peers. The ban has been successful for several years. I'm pretty sure most students don't even realize the absence of polystyrene in our restaurants and dining services--the alternatives work well enough. Also, when I went to Kaiser high school in Hawaii Kai, O'ahu, our student club (Wipeout Crew) worked to get our cafeteria to successfully shift from polystyrene lunch plates to cardboard plates. The club did so successfully and with

no complaints from the students. Through both experiences, I found that students supported various sustainability initiatives, and were unbothered by the switch from polystyrene containers.

Overall, I strongly support this bill and hope to see it passed. I think that it will be highly beneficial to everyone, especially in the long run.

Thank you so much for taking the time to read this testimony, and I look forward to your decision.

Tabatha Knudson

The University of Hawai'i at Manoa

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 10:32:02 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

SB 367

Relating to Environmental Protection In Strong Support

Hearing Date: Wednesday, March 20th, 2019, 2pm

Room: House Conference Room 329

Committees: CPC/JUD

Dear Chair Takumi, Vice Chair Ichiyama, and members of the CPC committee, Dear Chair Lee, Vice Chair Buenaventura, and members of the JUD committee,

my name is Natalie Wohner, I am from Germany and a graduate student at the University of Hawai'i at Manoa getting my Ph.D. in Materials Science and Engineering, and I **strongly support SB 367**, prohibiting the distribution of polystyrene foam containers.

Expanded polystyrene food service products are made from fossil fuels, used once and persist in our environment more than our lifetime threatening our ecosystem and human health (please refer to the following paragraphs for more information). Due to these facts and affordable, green alternatives, many countries and cities across the world are taking responsibility and adopting bans on EPS foam containers.

Impact of Polystyrene on Human Health - Expanded polystyrene foam (EPS) is the most unsustainable and unhealthy material I can think of as a scientist.

Evidence of cancer from studies in humans shows lymphohematopoietic cancer and genetic damage in the white blood cells, of workers exposed to high doses of styrene¹ on a daily basis.

EPS food containers leach chemicals (styrene) into the food. The amount of styrene that migrates into foods and liquids strongly depends on fat content and temperature, being highest for hot and fatty foods², which are served daily in Hawaii's take-out culture. The monomer styrene (or vinyl benzene), that leaches into the food when in contact with PS food containers, is listed as a hazardous chemical and categorized as a carcinogen.³

EPS does not compost in our landfills or in the ocean, and when burnt at H-Power it emits chemicals, such as benzaldehyde, acetophenone, styrene oxide, which are classified as hazardous substances or carcinogens by US EPA.

¹ The Report on Carcinogens, Twelfth Edition, prepared by National Toxicology Program (2011)

² M. S. Tawfik & A. Huyghebaert (1998) Polystyrene cups and containers: Styrene migration, Food Additives & Contaminants.

³ New Jersey Department of Health and Senior Services, Hazardous Substance Fact Sheet, 2011

Ocean Friendly Restaurants in Hawai'i - Polystyrene is leaching toxic chemicals into our food, we are not able to recycle it, it is littering our environment and yet, polystyrene is still being used as a material for food containers simply due to its low cost.

The main argument that this bill has not passed in the past decade was usually that it would be a financial burden for the business owners that provide take-out containers. The Surfrider Foundation Oahu, a non-profit organization, has a program that highlights restaurants in Hawai'i that have sustainable business practices and do not use EPS containers, and other single-use plastics.

This program, the Ocean Friendly Restaurants program, shows that small and big local restaurants are thriving without the use of polystyrene or single-use plastics. There are more than 200 Ocean Friendly Restaurants (OFR) in Hawai'i⁴ and at least another 100 restaurants that are not part of the OFR program but do not use polystyrene containers. We have experienced a decrease in cost of paper clamshells in the past two years due to a higher demand and more distributors and companies switching to sustainable options.

Active Bans on Single-Use plastics - The University of Hawai'i at Manoa, Maui and the Big Island have already passed a ban on polystyrene containers, as well as many other cities, countries, such as New York City, Seattle, Takoma Park, Miami Beach, Portland (Maine), Nantucket County, Minneapolis, Portland (Oregon), Los Angeles, San Francisco, even Zimbabwe in Africa! I hope Hawai'i will be next!

Thank you very much for giving me the opportunity to testify and mahalo for your time.

Aloha nui loa, Natalie Wohner

⁴ https://www.oceanfriendlyrestaurantshawaii.org/

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 10:42:31 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Mike Foley	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 10:48:56 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Submitted on: 3/18/2019 10:56:28 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Danna Olsen	Individual	Support	No

Comments:

I support SB367.

I earned a Masters of Public Health degree from the University of Wisconsin- Madison School of Medicine and Public Health focusing on environmental health. My B.S. degree was also from UW-Madison in Zoology, Biological Aspects of Conservation and Environmental Studies. My job is in the field of occupational health.

I'm seriously concerned about the health of both wildlife and humans. Expanded polystyrene is toxic from cradle to grave. Using this material for single-use containers is not healthy and it's not sustainable.

According to the US Department of Health and Human Services National Toxicology Program's Report on Carcinogens, Styrene is reasonably anticipated to be a human carcinogen based on limited evidence of carcinogenicity from studies in humans, sufficient evidence of carcinogenicity from studies in experimental animals, and supporting data on mechanisms of carcinogenesis.

Even if it is properly disposed of, here on Oahu, that means it's probably getting burned and is potentially contaminating the air we breathe. But it's often not disposed of properly. I frequently spend a portion of my weekend participating in beach clean-ups. Expanded polystyrene foam breaks down into tiny pieces that are very hard to collect. It is truly a nightmare once released into the environment. Unfortunately it's prone to accumulate persistent organic pollutants. Birds and fish are eating it. If you eat fish, you may be eating this toxic garbage too.

These are the very depressing facts, but the good news is that we can make better choices. I also volunteer with Surfrider. Did you know Hawaii already has over 200 Ocean Friendly Restaurants not using this material and instead using compostable or recyclable products (FYI many purchase compostable containers from Sustainable

Island Products)? These restaurants are champions proving that right now restaurants can do the right thing and thrive.

When people claim the alternatives to EPS are more expensive, what they often fail to say is that generally we're talking small change- not a price difference that would deter me from going to my favorite restaurant. And what many people aren't factoring in are the environmental costs. The lifecycle costs of plastics are much more expensive than most people understand. Plastic has health consequences. What's your health worth to you? I value clean air, oceans and beaches- isn't that worth something too?

Awareness about the harms of single-use plastic is growing and governments are taking action. Are you going to do the right thing and be progressive leaders or are you going to bury your heads in the microplastic?

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 11:04:57 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Tyler Johnson	Individual	Support	Yes

Submitted on: 3/18/2019 11:15:33 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Jan Dickey	Individual	Support	No	

Comments:

We need to keep as much synthetic materials/chemicals out of circulation in our society as is possible. There is not enough testing as to how low-level exposure to polystyrene effects human health. This should be a deep concern to everyone with an endocrine system. Moreover, the environmental and non-human life consequences of polystyrene production and polystyrene disposal are well documented. There is no logical reason to be producing so much of this material, aside from the intense pressure from the petroleum industry to continue using their product in every aspect of human life. We are more than capable, as a society, of using much less hazardous materials at low cost. It is more than absurd to still be bringing polystyrene foam onto the Hawaiian Islands. It is a toxic material that cannot be recycled. There are plenty of non toxic alternatives.

<u>SB-367-HD-1</u> Submitted on: 3/18/2019 11:43:32 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Eleanor Richards	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 12:15:40 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 12:28:28 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Caitlin Reposar	Individual	Support	Yes

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 12:35:04 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 2:00:20 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 2:08:20 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Comments:

I support bill SB367

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 2:28:24 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Claire H Gregory	Individual	Support	No

SB-367-HD-1

Submitted on: 3/19/2019 2:51:12 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Linda Wong	Individual	Support	No

Comments:

Dear Chair and Committee Members,

Please pass this bill and don't let it be deferred like it was in the City Council. After 3 1/2 hours of testimony by almost every environmentalists in the City if not island this bill was abruptly deferred. Environmentalists went home depressed, angry and disappointed. The newspaper article told the truth. Let this not be again, another failure to the people of Hawaii. Let us be the true Green State that we proposed to be!

We do not need all the Styrofoam that will never desinagrate in our waterways or in the ocean, byways and landfills. Styrofoam is a Deadender. It will never go away. It will never recycle and there's no getting rid of it! Is should not be sold in our beautiful state, it should not be an option to pollute our beautiful state and water, please!

Please outlaw this detrimental item that plugs up our waterways and makes floods in our systems. It cannot be your good conscience to let Styrofoam pollute our beautiful state. I managed restaurants in Hawaii for 30 years. Even the moms and pops can tack on the extra few cents to the price of an item to upgrade from the foam container to a Non Polluting container.

We don't need to make all the money for Costco allowing sales of cheap, disposable, single use styrofoam containers to the moms and pops of Hawai'i nei.

Styrophobia is a good company working for years in the restaurant industry supporting Surfrider Foundation's healthy eating initiative. All the Marriotts establishments have stepped up and have non polluting containers. There are many restaurants in town that have joined Surfrider Foundation and Styrophobia's effort. Justice can't be done with your help. Just say yes instead of no!

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Diamond Head

Member of:

Diamond Head Neighborhood Board

Hawaii 1000 Friends

Surfrider Foundation

Sierra Club of Hawaii

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 3:23:11 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Raquel Montes Mendiola	Individual	Support	Yes

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 3:45:26 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Remi Jose	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 3:47:10 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 3:54:10 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Comments:

There have been safe, environmentally friendly alternatives to styrofoam for decades. It is time we ban this Earth destroying/animal killing material so that companies are forced to use the safer alternatives.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 4:07:59 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Comments:

I support the upcoming hearing of SB 367 and protecting our environment from Styrofoam and food containers due to they are not just harming our environment but our Animals.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 4:30:11 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Tara Reichert	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 4:48:38 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Dylan Luckmann	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 5:40:03 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Carisse Winegar	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 5:48:53 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 5:58:03 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Celia Gustavsson	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 6:15:40 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Sul	bmitted By	Organization	Testifier Position	Present at Hearing
	kyle kiff	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 6:18:51 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Kelly Tran	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 6:30:16 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Hilary stambaugh	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 6:58:48 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Shylo Lawrence	Individual	Support	No

Comments:

I completely support this bill as styrofoam is terrible for the ecosystem! I can't imagine what it is like for our marine life to be living and inhaling the consequences of our actions. Styrofoam needs to go so our underwater ecosystem has a chance!

SB-367-HD-1

Submitted on: 3/19/2019 7:21:20 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
christina leef	Individual	Support	No

Comments:

C'mon, this is 2019 - we know the impacts styrofoam has on the environment and that directly impacts people, organisations and animals. It's 2019 and Hawai'i should be responding with action towards eco friendly options of packaging. Don't be behind the tide, step up! Take action. Be the leaders in change and implementing positive practice in business, government and everyday life. We don't need styrofoam and it's suffocating impacts on people and planet.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 7:22:54 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
teresa terrell	Individual	Support	Yes

SB-367-HD-1

Submitted on: 3/19/2019 7:23:09 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Alana Borsa	Individual	Support	No

Comments:

I support SB 367's goal of making illegal the sale of polystyrene and the sale of food packaged with polystyrene. Polystyrene can't be recycled or compostable, and there has been mention of heating in the microwave or having it touching anything hot releases toxins into the food. Also, at the end of the day it's just rubbish. There are better options. Mahalo for listening.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 7:30:46 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Lucita P. Harbowy	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 7:33:11 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Paul Balazs	Individual	Support	No

SB-367-HD-1

Submitted on: 3/19/2019 7:33:33 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Alexandria Barkman	Individual	Support	No

Comments:

Styrofoam literally never breaks down completely, it just breaks in to smaller and smaller pieces over time. I have attended beach clean up regularly since moving to Hawaii. What I have noticed is the extreme amount of small plastics and pieces of styrofoam that have floated in from sea, gotten left behind by beach users, or blown in to the ocean from overflowing trashcans. I spent a least twenty mintues at my last cleanup at Makai Pier sitting in one spot picking up the hundreds of pieces of sytrofoam. It looked like all of the peices between a few rocks came from an abandoned takeout container that blew in to the rocks on the beach. It is difficult, time consuming, and probably impossible to clean up all of the small pieces of trash in the ocean and on the beach, but maybe we can prevent more trash from getting here. Banning styrofoam would be a huge step for the state for the environment.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 7:37:33 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

SB-367-HD-1

Submitted on: 3/19/2019 7:56:25 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
juliana poncioni mota	Individual	Support	No

Comments:

My name is Juliana Poncioni Mota, I'm 31 years Old, Brazilian. I'm graduated in Environmental Engineer and I can say I was lucky I had the opportunity to visit Hawaii a year ago.

I would like to state that I'm coming here to testify not as a foreigner but as a Planet Earth Citzen. The ocean knows no borders. Life knows no borders. I'm coming here not to speak up in my name, not only in the name of my generation, not even only in the name of future generation, I'm here to testify in the name of all life on earth.

When I visited Hawaii I was really sad to realize that Hawaii was not just receiving, litterally, tons of plastic debries from outside sources but that it was also contribuiting to the problem by allowing single use plastic and styrofoam packadging to be used and sold on the islands.

For life to keep thriving we must change our lifestyle and our common sense fast. Limiting our fossel fuel use, single use plastic and styrofoam packadge is a must.

Therefore, I declare my support on SB367

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 8:08:58 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
josiah villar	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 8:09:12 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Francoise Schmid	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 8:14:49 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Adrien Gonzalez	Individual	Support	No

SB-367-HD-1

Submitted on: 3/19/2019 8:15:22 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Ariana Catherine Whale	Individual	Support	No

Comments:

Aloha,

Polystyrene has potential carcinogens and neurtoxins that can effect both human and other animals. Our continued allowed use of it is sad. We already have some great agendas in place (Aloha+ Challenge and HI Clean Energy) Let's put our money where our mouth is and let's be the first state in the nation to ban it!

Mahalo nui loa,

Ariana

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 8:19:58 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Veronica Dimitrov	Individual	Support	No

SB-367-HD-1

Submitted on: 3/19/2019 8:25:47 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Comments:

Aloha:

I support the bill to prohibit polysteyrene foam containers in the state of Hawaii. I grew up in Manoa and now live in Kaneohe with my family. Polysteyrene foam is an environmental hazard, since it can not be recycled. We must develop new paper products to use that are more sustainable.

Mahalo,

Anne Orndahl

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 8:26:37 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Alexis Hernandez	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 8:37:56 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Mark Wolfendale	Individual	Support	No

Comments:

The continued use of styrofoam is unnecessary with many cost effective alternatives available. This bill should have been past 10 years ago. It is a small but very necessary step to protecting our island for future generations.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 8:45:43 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Alana Reis	Individual	Support	No

Comments:

Single-use plastics, disposable plastics end up in places other than our overfilling landfills or burned up in H-Power. Beach Cleanups alone will not solve the problem, and we need to evolve from this outdated material

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 8:46:05 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
ananda underwood	Individual	Support	No

Submitted on: 3/19/2019 8:49:59 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
elana schwartz	Individual	Support	No

Comments:

As a frequent visitor to Hawaii from the mainland, I am reluctant to buy any take out food while there thus impacting local businesses. I have seen the huge amounts of plastic and polystyrene on many beaches and know that beach clean ups are not the solution. We must stop the plastic and polystyrene pollution at the source. Tourists come to Hawaii to enjoy the beaches and the wildlife and these are being destroyed by the plastic pollution. I am used to getting takeout in compostable containers and am always shocked when I see businesses still using plastic or polystyrene.

So many businesses across the country have made the change and it has not hurt their bottom line. Businesses in Hawaii would gain more tourist dollars by making the switch. I strongly support SB367.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 8:50:12 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Hannah Johnson	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 9:00:56 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Scott McC	Individual	Support	No

Submitted on: 3/19/2019 9:07:30 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Katherine Ziemann	Individual	Support	No	

Comments:

Styrofoam or polystyrene is not only an environmental hazard but a public health hazard. Despite being "cheap" upfront it has lasting negative impacts on the environment and human health that create tremendous deferred expenses we cannot keep ignoring. Polystyrene contains styrene which is a toxic chemical linked to cancer and can have negative effects the central nervous system and potentially reproductive health as well. People involved in the production of polystyrene and have increased prolonged exposure have been reported to have serious negative health impacts due to the toxin, yet we keep allowing businesses to produce and use it because it's cheaper for their bottom line at the public's expense. Styrene is also known to leach into water and foods it comes in contact with, increasingly with higher temperatures. We use polystyrene in hot food and beverage packaging in cheap and convenient foods.

Additionally polystyrene can can be found in many other places but predominantly in single-use applications such as packaging foam, or packaging films. Polystyrene is known to be lightweight and brittle. It can easily escape our waste streams due to breakage and or winds. As a plastic hydrocarbon polymer, polystyrene does not break down in the environment and persists as a pollutant as it breaks into smaller and smaller pieces easily ingested by wildlife and contaminating our waterways.

Please represent our community, the environment, and public health by taking a stand against styrofoam in Hawaii.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 9:11:58 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Valentina Alvarez	Individual	Support	No

Submitted on: 3/19/2019 9:17:35 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Patrick Pausch	Individual	Support	No

Comments:

My name is Patrick Pausch and I want to support this bill because my bigger sister lives on HawHawaii and it is my goal to move there too. I want to raise my future children and I want them to grow up in a save environment with a healthy nature. We are destroying the nature and it's inhabitants with plastic and other things so while we cannot stop this process today we can definitely slow him down and make him less hurtful for the everybody and everything.

We all have submitted to the generation contract and it is our duty to provide the future generations the same quality as we are privileged to have right now. We only got one earth and I will not be responsible for it to fall into pieces if that can be prevented.

This bill doesn't change the world, but it surely will change the lives of thousands of creatures and hundreds of humans on Hawaii and in its shores.

Submitted on: 3/19/2019 9:45:35 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Jeanne Herbert	Individual	Support	No

Comments:

I support SB367 SD1 HD1. I constantly see broken down pieces of styrofoam on beachs, in the ocean and the water. Several restaurants are providing non-styrofoam containers which work very well and aren't cost prohibitive. This is the way of the future. Changing to a non-styrofoam system produces significant positive effects for our environment, our people and wildlife. Mahalo.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 9:58:40 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 10:06:11 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
lana Vali	Individual	Support	No	Ī

Submitted on: 3/19/2019 10:07:32 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Delphine Duhot	Individual	Support	No

Comments:

Styrofoam does not totally biodegrade before 500+ years, in the meantime it hurts wildlife, weakens the entire eco-system and leaks chemicals in waters and soils. We have many other sustainable and cheap alternatives nowadays, let's try to protect our planet!

GO SB367!

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 10:22:38 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Anne Marie Bonneau	Individual	Support	No

Comments:

Businesses can adjust and help the environment at the same time. We don't have time to waste in addressing our plastic pollution crisis. Please pass this bill!

Submitted on: 3/19/2019 10:23:08 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Andrea Quinn	Individual	Support	No

Comments:

Dear Honorable Committee Members:

Please support SB367, which would prohibit the sale of polystyrene foam containers and the serving of food in said containers.

Because polystyrene food containers leach suspected carcinogens and neurotoxins such as styrene and benzene when coming into contact with warm food or drinks, as well as those foods and beverages containing alcohol, oils and acidic foods, polystyrene is toxic to humans, animal life and the environment. Studies show these toxins are slowly accumulating in the fatty tissues of humans and other animals.

Polystyrene is incredibly difficult to dispose of. It is bulky and recycling markets for polystyrene are small and shrinking. Studies estimate polystyrene takes up between 25-30% of landfill volume, which only adds to Hawaii's landfill woes.

Even when disposed of properly, polystyrene is often blown from disposal sites and into gutters and drains that lead to the ocean because of its lightweight and buoyant nature. Last year a whale died in Thailand after swallowing 17 pounds of plastic, and a dead sperm whale washed ashore in Spain with 64 pounds of plastic in its stomach. Birds, fish and sea turtles also commonly mistake polystyrene for food. Polystyrene is not biodegradable and only degrades into smaller and smaller pieces, thereby contaminating the lowest levels of the food web.

Additionally, since polystyrene is made with petroleum, the manufacture of it is a great contributor to the heat-trapping gases responsible for the greenhouse effect we are now seeing.

For these reasons, cities in the US and around the world are banning polystyrene. With all the economical and biodegradable paper or plant product alternatives, such as containers made from recycled compostable plant and wood fibers, there is no reason to continue the use of such an ecologically pernicious product.

Thank you for your time and the opportunity to present my testimony.

Sincerely,

Andrea Quinn

Kihei

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 10:30:35 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
sarah zelk	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 10:32:53 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Stormy Soza	Individual	Support	No	

Comments:

I fully support this bill.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 10:35:58 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
liv audrey	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 10:36:41 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Brianna Pak	Individual	Support	No	

Submitted on: 3/19/2019 10:38:55 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
kalei ehlers	Individual	Support	No

Comments:

Polystyrene containers are horrible for our environment, are not recyclable and because they're so lightweight they can be carried from land straight into our oceans to be eaten by the marine life. I support this bill on behalf of the oceans and the environment.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 10:40:50 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Comments:

There is no planet B. We need to wake up and start protecting our earth before there is no earth to protect.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 10:50:10 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Hideki Kimukai	Individual	Support	Yes

Submitted on: 3/19/2019 10:56:58 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Comments:

Dear Legislators,

I support the measures in SB367 SD1 HD1. The explosion of single-use plastics is a major problem that begins at the sites of fossil fuel production, manifests on our beaches and waterways, is a liability in our waste stream, and impedes our efforts to reduce fossil fuel consumption and greenhouse gas emissions. We must change the course of our throw-away culture, and addressing single-use plastics is an impactful way to begin.

Though I am submitting my testimony as an individual, I will tell you that my Honpa Hongwanji community has been increasingly sensitized to the problem of single-use plastics through our Green Hongwanji initiative. My own temple, Hawaii Betsuin, has phased out purchases of foam cups and plates for Sunday refreshments and is pursuing foam alternatives for our community events. I feel our community would look favorably upon bold legislative action that reflects an understanding of the interconnectedness of all life and our indebtedness to nature. Passing this bill is one way the larger community can come together to express gratitude.

I don't know if you have heard from people with disabilities seeking an exception or flexibility in the eventual law to allow for flexible plastic straws to be provided upon request. But I would be supportive of such accommodation if paper alternatives were deemed unsuitable. While a "bring-your-own" practice can be encouraged among all of us, including those with disabilities, it seems appropriate that providing fallback options that work for all patrons is appropriate.

Thank you for considering these comments.

Sincerely.

David Atcheson

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 11:05:43 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Nicole Nakata	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 11:13:56 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Susan Harvey	Individual	Support	No

3/18/2019

Hello, I am writing in support of SB367 which prohibits the sale of polystyrene food containers statewide.

Polystyrene is one of the most common forms of human made waste found in Hawaii. Due to its lightweight composition and inability to be recycled, polystyrene food containers are easily broken down and left to pollute the waterways and land. Thousands of these containers are used in Hawaii each year and less than 1% are properly recycled. Polystyrene breaks down into small pieces which make it nearly impossible to clean up. These small fragments are than eaten by animals which often leads to their death. In Hawaii, where so many of its endemic species populations are rapidly declining, it is critical that we minimize this unnecessary waste.

On top of the environmental consequences, styrene is known as a hazardous substance which has been tied to cancer. When heated, toxins such as styrene and benzene leach out of the polystyrene into food or the environment.

The passing of this bill could be one of the most impactful moments in Hawaii history in relation to environmental conservation. Maui and the Big Island, along with a large number of cities on the mainland, have already passed bans on polystyrene containers. This bill could make Hawaii a leader in the movement to stop human made pollution by joining each island together to bring about real, impactful change.

Thank you for taking the time to read this testimony and I implore you to make the right decision for our future.

Aloha,

Brandon Hansen

Submitted on: 3/19/2019 11:22:54 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Serene Gunnison	Individual	Support	No

Comments:

Aloha, I strongly support SB 367. I am from Maui where we recently enacted the styrofoam ban. I am so proud to see my local grocery stores and plate lunch places proudly complying with this law in order to help our marine environment. Although the styrofoam ban is in place, it seems like during every visit to the beach I find myself collecting bits of polystyrene that has broken down and washed up on shore. There are other options and I truly believe that the future of Hawaii is polystyrene free.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 11:33:51 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Josephine Marshall	Individual	Support	No	

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 11:34:25 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Comments:

#plasticfreehawaii

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 11:37:38 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Juliana Ribeiro Carvalho	Individual	Support	Yes

Comments:

we are living in a time when any change for the preservation of the environment is valid. we can not afford this growing number of plastic in the oceans. this is about preserving our lives too.

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<u>SB-367-HD-1</u> Submitted on: 3/19/2019 11:44:12 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Rosanna Salois	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 11:45:03 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 11:46:13 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Logan Andrson	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 11:47:18 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Submitted on: 3/19/2019 11:48:51 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Melinda Alexander, LMT	Individual	Support	No

Comments:

I would like to thank the Hawaii State Legislature for taking this matter so seriously and for hearing our testimony. I am a citizen of Hawaii. I love our islands and our ocean. Polystyrene does not decompose, it only breaks down into small beads that consumed by fish and other sea life and seabirds and eventually people. It pollutes our land forever. Our health and the environment is worth this small, profound change. Your vote to support this change has a significant impact toward bettering our islands. Why use a non-biodegradable single-use product like a styrofoam to-go container that never goes away? There is no justifiable reason. It simply does not make sense. We can do better as a People. Let Hawaii lead the way and set an example for the rest of the World in Sustainability!!! Thank you sincerely, Melinda Alexander

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 11:49:39 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 11:53:54 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Holly Check	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 11:56:49 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Sierra Coullahan	Individual	Support	Yes

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 11:57:30 AM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 12:07:18 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Cloe Cadiz	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 12:15:58 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 12:17:32 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
sharon gump	Individual	Support	No

Comments:

Please ban styrofoam containers and force the manufacturers to redesign the product to be recyclable and sustainable

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 12:19:36 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Lei Saito	Individual	Support	No

SB-367-HD-1

Submitted on: 3/19/2019 12:19:43 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Dan Gardner	Individual	Support	No

Comments:

Our oceans have become dumping grounds. It is time to start seriously fixing that problem. Styrafoam contatiners are a major contributor to ocean pollution and also readily discarded throughout the landscape of Hawaii ruining the beauty of our State. There is no reason to allow this discoration of our environment to continue. Thank you for your support of this important legislation.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 12:20:06 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

SB-367-HD-1

Submitted on: 3/19/2019 12:28:24 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Kurt Miyajima	Individual	Support	No

Comments:

Thank you Hawaii State Legislature for taking the use of Polystyrene / Styrofoam seriously. I support this Bill, as I support the long term health of our environment, islands, and oceans. Removal of this waste just makes sense. We use it once and it lasts forever, never really breaking down. It only does harm. Your vote supports the health of our home and people and sets and sets an example for the World at large. Thank you for supporting Bill SB367. Ban the Foam!

SB-367-HD-1

Submitted on: 3/19/2019 12:35:20 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Stephanie Armstrong	Individual	Support	No

Comments:

I live in Kailua and the beach is very dear to me. I met my husband and got to know him through surfing. He a waterman and the ocean is very important to us. We have a 2 year old daughter and we are teaching her the values that are most important to us. We are taking a stand against single use plastics and show her that we can cut down on how much we waste on this earth by small steps.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 12:47:49 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Katrina Berry	Individual	Support	No

SB-367-HD-1

Submitted on: 3/19/2019 12:49:29 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Leah Sherwood	Individual	Support	No

Comments:

Aloha Committee Members,

I am in support of SB 367 to phase out polystyrene foam from restuarant establishments.

I am a graduate student in the tropical conservation and environmental science program at the University of Hawaii, Hilo. My research area is plastic marine pollution in the Pacific, focusing specifically on plastic debris surveying methods to document the type and count of plastic appearing on the beaches of Hawaii. I am a graduate intern with Hawaii Wildlife Fund, a nonprofit on the island of Hawaii, where I help conduct plastic marine debris surveys.

This senate bill should be approved because polystyrene has already been banned in Maui and Hawaii counties for reasons already cited and well-discussed. To summarize, it is detrimental to the environment where it can persist for decades. It is detrimental to wildlife that mistake it for food. Viable alternatives already exist and we should start shifting away from the current status quo. Let's keep our islands beautiful and plastic free. Vote yes to SB 367.

With aloha.

Leah Sherwood

SB-367-HD-1

Submitted on: 3/19/2019 12:49:35 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Anny Barlow	Individual	Support	Yes

Comments:

Aloha,

I am a Kailua resident who feels deeply regarding this issue. I support SB 367.

STYROFOAM IS CONNECTED TO CLIMATE CHANGE AND IT POLLUTES AT EVERY STAGE: FROM MATERIALS EXTRACTION TO PRODUCT PRODUCTION TO WASTE DISPOSAL. IT IS A FOSSIL FUEL.

It is not just litter on our beach that is the problem.

When H-Power burns styrofoam, the renewable energy created is NOT what they would like us to believe. Styrofoam burns at a much higher "flash" temperature. And when it combusts in that manner, when the "flash" happens so quickly and so hot, the energy cannot be collected and turned into "renewable energy".

In fact, when H-Power burns the styrofoam, not only are we unable to make use out of it, but it also harms us by releasing harmful toxins into the air we breath.

Styrofoam also releases these toxins into the food and drinks stored in them. Consumers end up eating and drinking these toxins after storing their leftovers and drinks in these containers.

In 2007 I left the island to back pack around the world for 6 months. I ended up traveling for a decade and returned in 2017.

I could not believe what I returned to!

Simply put, there are plastics everywhere!

I feel more like I am in one of the underdeveloped countries I just came back from, instead of being in a first world country... let alone on one of the supposed "most beautiful beaches in the world"

There are plastics everywhere! I now play a game where I sit on my towel, in 1 spot without moving my rear end, and see how many pieces I can pick up. Its sad to say, but

I have been there for more than 4 hours without needing to move more than rotating 360 degrees. And the area around my towel is still not clean.

I challenge you to try it!

It's pathetic really. We are better than that! Sure, micro-plastics from all over the world end up on our shores, but this is precisely why we need to be a leader in this space, and not a follower!

It wasn't this way 10 years ago before I left.

The city of Hobart, Australia has just done it, they have banned all single-use plastics. (https://www.sbs.com.au/news/hobart-leads-way-as-first-australian-city-to-ban-all-single-use-plastics)

Also noticeable, I used to swim in Kailua everyday and you would almost always see turtles popping their heads up around you. Now, you have to go way out before you see turtles.

I appreciate change is hard, but this is something we need to do, and yesterday. Things will change, but it won't be bad for our economy.

The workforce will realign. Businesses will need to source other eco-friendly products, there will be a higher demand for these eco-friendly products and their prices will go down.

But only if we force the market by regulating the needs of our Aina properly.

Thank you for listening.

Mahalo,

Anny Barlow

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 12:50:25 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Mary Lacques	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 12:50:33 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Nadine Banglos	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 12:51:00 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Ashley Zurita	Individual	Support	No	Ī

Comments:

This bill could help so many people. Not only with the enviroment but by not allowing medical professionals to take advantage of those they swore to help and to protect. This bill needs to be supported and passed. Help save Hawaii and its' people.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 12:54:18 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Jessica Dunn	Individual	Support	No

Comments:

Maui has had dramatic decrease in trash out of place and litter - banning styrofoam that doesn't degrade is a great step towards protecting our environment. Please pass this bill! Start an environmental protection legacy that helps our keiki.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 1:00:31 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
alyssa zurita	Individual	Support	No

Comments:

Single use plastic has hurt our Earth and wildlife so drastically. We need to look for more sustainable options.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 1:02:31 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Louise Giuseffi	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 1:03:15 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Lawrence de Martin	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 1:09:38 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Daniel Shiramizu	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 1:10:35 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Shyun Ueno	Individual	Support	No

Comments:

I, Shyun Ueno, support SB367 SD1 HD1 and the prohibition of the sale of polystyrene foam food service containers and the sale or service of food using polystyrene containers statewide as detailed in the bill. I also support the additional measures outlined in the bill. Mahalo.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 1:12:47 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Beatriz Gadala-Maria	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 1:15:13 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Camilla Bogdanoff	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 1:15:35 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Comments:

We are so close to being the example the United States and world need to follow. Please - no reason for styrofoam anything anymore. Our planet - our ocean - our people need this horrible material banned. Mahalo

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 1:21:53 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 1:22:25 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Natasha Griswold	Individual	Support	No

Comments:

We need to be leaders in the world with zero waste and biodegradable plastics. This will not only benefit the beaches, but the overall health of the planet, including humans. Please protect the environment and pass this bill.

SB-367-HD-1

Submitted on: 3/19/2019 1:26:15 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

Comments:

Hawaii loves our plate lunches and most of them unfortunately tend to come in styrofoam containers. Styrofoam containers are unfortunately the norm for take-out or leftover food. We have the chance to set an example for the state, our country and the world by banning the sale of these containers. As a scientist, educator and citizen, I have seen these containers discarded on both land and in the sea. Our aquatic life is endangered by consuming these in addition to anyone who is consuming seafood from the Islands. There are many studies showing ill health effects stemming from polystyrene containers and from a sustainability/environmental standpoint, they really never go away. The easy choices consumers are making today will still be lingering for hundreds of years.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 1:34:58 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Mackenna Cady	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 1:35:54 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 1:41:39 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Leon A.Rosner	Individual	Support	No	

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 1:44:42 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

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

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 1:52:19 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Erika Kelly	Individual	Support	No

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 1:53:30 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Jennifer Roberts	Individual	Support	No

SB-367-HD-1

Submitted on: 3/19/2019 1:55:26 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Suzanne Frazer	Individual	Support	No

Comments:

Aloha Chair Takumi, Chair Lee and Committee Members,

I am writing in **strong support** of SB367 SD1 HD1. Please pass this important and necessary bill. It is long overdue that polystyrene foam containers were banned. I hope this bill passes this year. I would have preferred though the original version of this bill which would have also banned plastic checkout bags and straws as well as these items need to be banned as well at the state level for consistency across counties.

This bill in it's original format, is a major step forward by the state to deal with the problem of plastic. Plastic bags, straws and polystyrene foam are among the most littered items found at beaches and on roadways. But they are not always littered on purpose. Bags and polystyrene foam containers can easily blow out of the back of a pick-up truck, a car window or even out of the garbage truck that is collecting the rubbish. I have seen this happen on the freeway from all three types of vehicles. It is the material itself - lightweight plastic - that is the problem. And it is not only a problem because it is easily windblown. It is also a major problem because when it gets into the ocean, as Hawai`i is surrounded by water, then marine life eat it. They become sick and die, sometimes an agonizing death taking up to 60 days in the case of a sea turtle ingesting a plastic bag. Polystyrene foam breaks into smaller and smaller pieces faster in sea water than on land. These small pieces are then ingested by the base of the food chain - plankton and small fish. The chemicals contained in the plastic are then passed up the food chain to larger animals including humans.

The harm that plastic is doing to human health can be seen by all the many people who are getting cancer these days and the rise in autoimmune diseases, obesity and diabetes. All these diseases can be triggered by the chemicals in plastics which cause endocrine disruption. It is therefore imperative that Hawai`i's state legislature take strong action to ban the use of disposable plastic items - polystyrene foam, plastic bags and plastic straws.

Other suggested amendments to this bill: include bait containers in the ban and to also ban the sale of plastic bags, polystyrene foam containers and plastic straws by any business (not just food businesses).

Thank you	for this	opportu	nity to provid	de written	testimony ii	n strong	support of	f SB367
SD1 HD1.	I hope	this bill	passes this y	year.	-			

Mahalo,

Suzanne Frazer.

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 1:56:29 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Alicia Rittenberry	Individual	Support	No

Comments:

Yes please. We're making it work in Maui. Time to catch up!

<u>SB-367-HD-1</u> Submitted on: 3/19/2019 1:58:56 PM

Testimony for CPC on 3/20/2019 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing	
Rhema Wong	Individual	Support	No	Ī

Comments:

5B367

PETITION TO REQUEST THE STATE TO REMOVE MARINE DEBRIS FROM HAWAII'S BEACHES & TO REQUEST THE LEGISLATURE TO PASS BILLS BANNING PLASTIC BAGS, STRAWS, POLYSTYRENE FOAM, STYROFOAM, AIRSOFT, BALLOON RELEASES

bris on beaches is not being addressed by the State nor Counties and as a result, marine debris is accumulating on our beaches. Funds need to be allocated for weekly removal of marine debris from Hawai'i's beaches. We also We the undersigned request the State of Hawai'i, which is responsible for beaches up to the high tide mark, to remove marine debris from Hawai'i's beaches and coastlines. We are concerned that the problem of marine deask the legislature to please ban all plastic checkout bags, polystyrene foam food and drink containers and bait trays, styrofoam roofing material, plastic straws, airsoft and balloon releases.

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bris on beaches is not being addressed by the State nor Counties and as a result, marine debris is accumulating on our beaches. Funds need to be allocated for weekly removal of marine debris from Hawai'i's beaches. We also We the undersigned request the State of Hawai'i, which is responsible for beaches up to the high tide mark, to remove marine debris from Hawai'i's beaches and coastlines. We are concerned that the problem of marine deask the legislature to please ban all plastic checkout bags, polystyrene foam food and drink containers and bait trays, styrofoam roofing material, plastic straws, airsoft and balloon releases.

These steps are urgently needed now to protect the ocean and marine life.

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We the undersigned request the State of Hawai'i, which is responsible for beaches up to the high tide mark, to remove marine debris from Hawai'i's beaches and coastlines. We are concerned that the problem of marine debris on beaches is not being addressed by the State nor Counties and as a result, marine debris is accumulating on our beaches. Funds need to be allocated for weekly removal of marine debris from Hawai'i's beaches. We also ask the legislature to please ban all plastic checkout bags, polystyrene foam food and drink containers and bait trays, styrofoam roofing material, plastic straws, airsoft and balloon releases.

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We the undersigned request the State of Hawai'i, which is responsible for beaches up to the high tide mark, to remove marine debris from Hawai'i's beaches and coastlines. We are concerned that the problem of marine debris on beaches is not being addressed by the State nor Counties and as a result, marine debris is accumulating on our beaches. Funds need to be allocated for weekly removal of marine debris from Hawai'i's beaches. We also ask the legislature to please ban all plastic checkout bags, polystyrene foam food and drink containers and bait trays, styrofoam roofing material, plastic straws, airsoft and balloon releases.

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bris on beaches is not being addressed by the State nor Counties and as a result, marine debris is accumulating on our beaches. Funds need to be allocated for weekly removal of marine debris from Hawai'i's beaches. We also ask the legislature to please ban all plastic checkout bags, polystyrene foam food and drink containers and bait trays, styrofoam roofing material, plastic straws, airsoft and balloon releases. We the undersigned request the State of Hawai'i, which is responsible for beaches up to the high tide mark, to remove marine debris from Hawai'i's beaches and coastlines. We are concerned that the problem of marine de-

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bris on beaches is not being addressed by the State nor Counties and as a result, marine debris is accumulating on our beaches. Funds need to be allocated for weekly removal of marine debris from Hawail's beaches. We also We the undersigned request the State of Hawai'i, which is responsible for beaches up to the high tide mark, to remove marine debris from Hawai'i's beaches and coastlines. We are concerned that the problem of marine deask the legislature to please ban all plastic checkout bags, polystyrene foam food and drink containers and bait trays, styrofoam roofing material, plastic straws, airsoft and balloon releases.

These steps are urgently needed now to protect the ocean and marine life.

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Print name

Signature

Date

Residential area

Island or State/Country

Comments

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-	save the ocea-creatories + back	r r r	Pls. Save our Beacher! (1 8	tsame	CET RIA H the Bago!	(F)	to Urgent action needed for clean beauties	Use alternatives - there are many!	No Plastic Prophes!	It's important! Save the Meeting	So much plasticion beichosand in later lui	It's sud to see plustic on beadles.	16 Plastic More Beaches!	Please ban all plastic bags 1/1 takeout	This vary Emploi	This is a great idea!	Comments

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PETITION TO REQUEST THE STATE TO REMOVE MARINE DEBRIS FROM HAWAII'S BEACHES & TO REQUEST THE LEGISLATURE TO

PASS BILLS BANNING PLASTIC BAGS, STRAWS, POLYSTYRENE FOAM, STYROFOAM, AIRSOFT, BALLOON RELEASES
We the undersigned request the State of Hawai'i, which is responsible for beaches up to the high tide mark, to remove marine debris from Hawai'i's beaches and coastlines. We are concerned that the problem of marine debris on beaches is not being addressed by the State nor Counties and as a result, marine debris is accumulating on our beaches. Funds need to be allocated for weekly removal of marine debris from Hawai'i's beaches. We also ask the legislature to please ban all plastic checkout bags, polystyrene foam food and drink containers and bait trays, styrofoam roofing material, plastic straws, airsoft and balloon releases.

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Print name	Signature	Date	Residential area	Island or State/Country	Comments
225 Sarah Kulu	Sarah hele	81/21/0	Kanha	Oahn	keep the environment on #1 pricrity
26 Secly Oyanagi	Royanage	6/17/2018	St. Paul, M. H.	Minnesota us+	It is a worldwide concern.
22 Jon Janos)	Sh Chung	6-17-18	St. faul	Minnesota	natural environment. Got the
228 Melinda Walter	AND MAN	19/10/12	Kailna	D'alm	Tourism is our top economical laureline cleans
129 Incahan tordon		81/11/12	Kailua	Oaha	Byo stars - it's easy! Protectour
now Stran Dyan	SINKY	6/11/18	Kancohu	Oahu	Trattel our curra
1	J. Samuel	6/17/18	Kailua	Oahu	Act Now!
232 Jana Best week	Sm. C.	6) (7)(3	Sacre mento	CAUTORXA	CALIFORDA Drotect for environment for tourism.
233 CANG PRICE	Gob Ohile	6/17/18	goe Maconto	costilonia	war we not not by a tox sold sold
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237 CACLEEN ARACICH	Chi Granz	6/17/18	Horocom	OALL	WE NOW TO ACT NOW!
238 Mary Lack	May Ab	9/1/18	Karleia	Oahu.	- Do something
239 Lowie Oshanson	Nous John	6/17/18	Tucson	Arizona	citas and annuals safe! I leder our beauties
aro Ryan Madden	Gan Malder	81/41/18		Arizo na	As a tourist it's important that the natural beauty of the islands is preserved.
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sonderful work	at Now	Save the planet	Kouse	Shure Wise beauthous	simportant Aix how?	STY of progress & failer & Kaite byedse.	Nameto doit ()	Do it of now!	We thought this was done already. To it wan!		PLARE INST DO 17!	Savie our beaches-no Plashi	OUR beauten head herb:	May too much apprive on one abady		Comments

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please our wown is	Prease stop stypinam & plastic straws	pass this bill sour.	WAY ONBODIE!	This is so important!	only one planet.	Clean the Ocean!	SANG MILDLIFE	Mostil I sal tay and Vernach	This is 32 important Ocean is LIFE got	This is awall wife hiten that I a pur it is supert	carolina City it is comportant to the environ	Lang overdue_	it's home.	The Toket - Spotalking + 20!	Organt in protecting navina life	Comments

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	Island or State/Country	Residential area	Date	Signature	Print name

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These steps are urgently needed now to protect the ocean and marine life.

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Need to Clean on the local	Please - Please	Wonderful organisation!	Paper Straws are great!	Plastic is everywhere	Saving, the water + December Storts in Hi!	July growp in filler too huch planti has	It is recessary lusel unent	DO IT NOW &	Sewa was	what she said	The beaches are important to have!		Poket marine life	Keep beaches clean	Save the oceans!	Comments

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PETITION TO REQUEST THE STATE TO REMOVE MARINE DEBRIS FROM HAWAII'S BEACHES & TO REQUEST THE LEGISLATURE TO

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We the undersigned request the State of Hawai'i, which is responsible for beaches up to the high tide mark, to remove marine debris from Hawai'i's beaches and coastlines. We are concerned that the problem of marine de-

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take action now!	Oarru	Area	3)/05/0		363 Melissa Jessurun
please take action now?	a pahu	honolulu/kahala	0/20/16	Carmel	362 Cathy Olada
Help the ocean stay clean a clean	a Dahu	Honolulu/Moanadua	8/08/0		361 ChA wabstar, Jr,
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Clear our beaches weekly!	H) Oahr	Boul City	6/30/18	Lavence H	353 Lancine High
Comments	Island or State/Country	Residential area	Date	Signature	Print name

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Print name	Signature	Date	Residential area	Island or State/Country	Comments
369 Caria Chuna	Calif Churry	10/30/18	PENVI CITY	DAMA	Some Our benches
370 Jenny Anderson	Gory anderson	81-82-9	ALEM	OAHU	IMPORTANT ISSUES!
371 Lan Nacur	he Mar	81/02/10	Pea-1 C. 47	Oahu	Lat's have clean beaches for the ly's to enjoy !
372 Historia Machen	E	6/30/18/	Few City	Oahu	France Rue action,
204/ COMPT SEE	Jan	6/30/18	PLACEBAILLE	CAUFORNIA	THIS IS PREAT NOOL
34 PRAGERA FRACEY		130d 18	Felson	CALIFORNIA	IT'S AROUN TIME TO THE ACTION
875 Justin Gossus	St Son	6/30/18	Pearl City	Oahu	We need to do more. Protect out a ma!
376 Ruby Knopke	Resplante	6/30/18	Peaul City	Oaha	Please help save our beautiful blackes!
377 DANA KETTHLEY	Bound Shall	81/08/9	PANA	HAWK 11	HELP NO CLEAN UP THE OCEAN SHIMI!!
378 Ken Gar	D. A.	6/30/18	Hometulu-Paran	Oaku	Please Sport! Water.
379 Shuron Alvarez	Sharan alware	81.08.9	Hea	Oaku	Please Save of oceans
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384 Medissa Chang	The S	6/30/1K	Ale Mount	Oah	Save or beidus!
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	This is so important!	Please boan plastic bottles/bags/stylocom,	please ban styrofoam and plastic mul	act source		the enemy;	support her ocean	Supporting the oceans!	we love to save the beaches:	the is inputed	people others at restaurants.	ACTION LEBGED	Oceans functioning	Shoot form withouse for a los fungar	Thurst har the state of the same	way of life island! Het Naw!	Comments

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Place Save our oceans kids	Please Take action	worke up	live noticed the increasing debris ever in the last	Java C!	These law that presone our environment	NO MURE PLASTICS!!! SAVE THE OCEANS!!!	Proket out Nahard Resulus Sucout Stra	This is long Over due!	affects waring Mammals + Wildlife in	leahale \$15 for your tokua. (50)	Jevy important!	Sport- love out Duc	very important	View much support this issue	This is a bush issue of our oceans	y Comments

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mhale	In the for doing this?	kup heades sale	so something!	This is really important, I don't want our maties	Let's Leave a better world for our children!	Totally agree with your cause Thankyou,	We love our animal Sevethens	Place help keep the wash chan "	Please chan the beacles for us visitors!	Time to take action con	(remot)	Save the world	Do something NOW!	time to feel action	Keep our touch beiles chean	Comments

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Get'em!	Take action	Get with the things ban	reduce reuse, recycle to stop plastic waster	save out planet	OrBENT ACTION	Take action now!	Sove our reeks	A must	Take case of Havin'	Barred plastico!	Plastic needs to be banch	marine life needs to be protected!	serious issue-needs to be stapped	Editors 1550e - now han	New Low	Comments

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560 Priana Lagstaff	589 Amalisa Clemens	558 Jeinet S. Latenzaina	SS7 John Love	SSG Fhil Deur	SSS PATIONA FORTERIA	SEX Rand Witte	SES ANNA SPEAT	SEZ VEXCONICA DELGAL	SSI ()acks Stows /	550 (JEDALUK) CAMADALO	SH Matia boersma	518 Sava Games	547 Lauren Jonikaitis	546 Joseph Jearnen	Sts Notalie Tooming	Print name
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576 RYAN TAMOUJH	575 Andrew Lanza	STY Mardian Wagner	S73 Chroline Thomas	572 Anya Tangsenho	57/ Werdi Gardall-Amidan	570 Jenna Consi	569 Julia Chrampanis	568 Phillip Furbugu	567 Monique A Olmos	566 Kris Soutiago	S65 TIFFOM, Niva	564 Christ Bengston	563 Suny Valaleamathan	562 Jara Marryman	561 Grace Hamain	Print name
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G IL	Oahu	Oan u	Oshu	Palmy	Dahu	Hawai Oak	German	Germany	0 g hu	Oahw	Osh	nyeo	Ocha	OAHU/HI	Oahry	Island or State/Country
 DIVERAJIERS HATE PLASTIC ON THE BEAUT	As a marine bis major it is sickning to see how polluted the ocean's are. Its time for adding	lund overdue time for change flora numbers.	Thank much being here!	Every step courts & To sustandility	Aloha for being one with your head	Hausein Dahl lots make a difference for our fitures	It's time to make a difference for this Island	Dlean to be action !!!!!!!	Sure our budges and Marine life!	Please Save Our Beauten!	We need action now! That , iii.	PLEASE! PLEASE! PLEASE! +++	but we need to growing the land thrown	make awares/TAKE Action/marke change	If we don't takention NOW we would have anything to	Comments

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PETITION TO REQUEST THE STATE TO REMOVE MARINE DEBRIS FROM HAWAII'S BEACHES & TO REQUEST THE LEGISLATURE TO

PASS BILLS BANNING PLASTIC BAGS, STRAWS, POLYSTYRENE FOAM, STYROFOAM, AIRSOFT, BALLOON RELEASES
We the undersigned request the State of Hawai'i, which is responsible for beaches up to the high tide mark, to remove marine debris from Hawai'i's beaches and coastlines. We are concerned that the problem of marine debris on beaches is not being addressed by the State nor Counties and as a result, marine debris is accumulating on our beaches. Funds need to be allocated for weekly removal of marine debris from Hawai'i's beaches. We also ask the legislature to please ban all plastic checkout bags, polystyrene foam food and drink containers and bait trays, styrofoam roofing material, plastic straws, airsoft and balloon releases.

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URGENT	Do ITO	Our oceans Count wait!	This is virgent!	THE JUTERA NOW!	Plean term action toward	prease holp & sprood awareness!	r. 1	Please take action	Please Jane Actions	Please take actions!	Good where!	wo styrotom conference	Struws, bago, & Styrohoan need togo!	İ	WE have to stop this the all be	Comments

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These steps are urgently needed now to protect the ocean and marine life.

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Phiese help!	Please ACT!	Hoha + Mahalo!	Planse Please Rlease act	Alosowely	super important to our aina	Help Save our oceans NOW!	Utgent action needed!	Lone, needed!	WIGHT Years Ago!	This should have been done a largetime ago	TMS 18 SO IMPORTANT!	Malana the Aira &	mound was some a 100 mint	This phatic crap has to stop !!!	We need to head our land & sea	Comments

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Dear esteemed committee members,

I am writing to urge your passage of SB 367. I believe strongly that foam and plastic waste hurt Hawaii's economy. I hardly ever go for a swim without seeing plastic or foam floating in the water. Foam flies around on any windy day. So let's replace all that with biodegradable materials that, if they find their way to the ocean, they'll just degrade quickly and not interfere with the visitor industry experience.

Mahalo, -Scott

--

Scott Cooney,
Founder and CEO, <u>LinkedIn</u>
(844) Go-Pono-1, extension 2
Author | <u>Green Living Ideas</u>, <u>Build a Green Small Business</u> (McGraw-Hill)

<u>Schedule me here</u> (please book an hour, even if we may only need 15 minutes!)



<u>Find out what "Pono" is by clicking here</u>. It's ancient Hawaiian wisdom and values that we strive to live by and do business by.