

TO: Honorable Mayor and City Councilmembers
FROM: Joan L. Flynn, City Clerk *gof/re*
DATE: 10/21/2013
SUBJECT: SUPPLEMENTAL COMMUNICATION FOR THE OCTOBER 21, 2013, REGULAR CITY COUNCIL MEETING

Attached is Supplemental Communication to the City Council (received after distribution of the Agenda Packet):

Public Hearing

#9. Communication received from Richardson Gray, dated October 15, 2013, supporting adoption of Zoning Text Amendment No. 13-001.

Councilmember Items

#13. Communications received regarding restricting the use of Styrofoam packaging by food vendors:

Johanna Rose Hessing
Daniel Knight
Torie Litman
Tahlia Nie
Margaret Audi

Karina Celeste Santoyo
Luke Krut
Marcus DeSilva
Matthew Cole
Jacob Tyler

Aline Edizian
Ryan Murphy
Kelci Boynton
Coral Rojas

RICHARDSON GRAY
415 Townsquare Lane #208
Huntington Beach, CA 92648
714-348-1928
richardson.gray@yahoo.com

RECEIVED
2013 OCT 16 PM 4:19
CITY CLERK
HUNTINGTON BEACH, CA

HAND DELIVERED

October 15, 2013

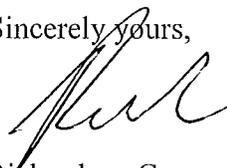
Dear Mayor, Mayor Pro Tem, and Council Members:

For your October 21st meeting, I support your adoption of Zoning Text Amendment No. 13-001, for the Downtown Specific Plan (DTSP), District 1, concerning Off-Site Alcohol Sales, for the following reasons, among others.

1. As per the attached Huntington Beach Police Department ABC Reports for 2012 and 2011, the two major Reporting Districts, numbers 451 and 461, in the DTSP's District 1, had by far the worst crime rates in the City, and combined total crime rates that were over ten times the Citywide average, for both years.
2. Per a Huntington Beach Neighbors analysis in 2012, using the then current ABC data and the 2010 Census, the DTSP District 1's census tract, number 993.11, has roughly three times the number of Off-Site ABC establishments per 1,000 residents than the same numbers for the Citywide and Countywide averages. Hence, our Downtown already has a large undue concentration of Off-Site ABC establishments.
3. Per Police Chief Kenneth Small's presentation to the City Council at the June 3, 2013 Study Session, regarding alcohol consumption and all of the related crime problems, our Downtown has one of the highest concentrations of ABC licenses in the entire State of California. Chief Small went on to say our Downtown is unusual in that its entertainment district directly abuts established residential neighborhoods, including mine.
4. Chief Small continued by saying that public alcohol intoxication (person cannot care for self or property, typically prompted by a complaint) is the most frequent Downtown crime, with approximately 400 arrests per year.
5. Last, Chief Small said that our Downtown has another roughly 100 arrests per year for public alcohol consumption.

Again, I urge you to adopt Zoning Text Amendment No. 13-001. Thank you for your consideration of my views.

Sincerely yours,



Richardson Gray

**SUPPLEMENTAL
COMMUNICATION**

Meeting Date: 10/21/2013
Agenda Item No. 9

cc: Fred A. Wilson, City Manager; Joan L. Flynn, City Clerk;
Kenneth W. Small, Chief of Police; Scott Hess, AICP, Director of Planning;
Jennifer Villasenor, Senior Planner



CITY OF HUNTINGTON BEACH

INTER-DEPARTMENT COMMUNICATION

TO: Investigator Fong, Investigator Archer
Vice Investigators

CC: Chief of Police via Chain of Command

FROM: **Julie Romano**
Crime Analysis Unit

DATE: February 28, 2013

SUBJECT: 2012 Part I Crimes and Part II Arrests for ABC Report

I have attached a copy of Part I Crimes by RD and Part II Arrests by RD for the City of Huntington Beach. A summary is as follows:

Total RD's In the City	130
Total Crime Count	10084
Average Crime Count per Patrol Area	77.57

A 20% greater number of crimes than the average number of crimes for all RDs is **93.08**

There are 31 RDs with a count greater than 93.08. The RD's are listed in RD order.

RD	Part I Crimes	Part II Arrests	Grand Total	RD	Part I Crimes	Part II Arrests	Grand Total
165	85	44	129	298	178	75	253
168	66	31	97	319	98	20	118
191	65	32	97	412	88	89	177
179	59	35	94	413	61	97	158
201	83	32	115	421	53	59	112
243	339	73	412	432	78	70	148
252	106	76	182	461	35	104	139
253	74	22	96	457	93	156	249
261	80	67	147	436	94	33	127
262	133	77	210	442	89	82	171
263	53	56	109	450	500	621	1121
270	48	63	111	452	67	57	124
272	117	168	285	461	279	233	512
273	70	58	128	462	56	71	127
282	68	114	182	463	76	41	117
283	66	130	196				



CITY OF HUNTINGTON BEACH

INTER-DEPARTMENT COMMUNICATION

TO: Investigator Kessler, Investigator Fong
Vice Investigators

CC: Chief of Police via Chain of Command

FROM: **Julie Romano**
Crime Analysis Unit

DATE: January 31, 2012

SUBJECT: 2011 Part I Crimes and Part II Arrests for ABC Report

I have attached a copy of Part I Crimes by RD and Part II Arrests by RD for the City of Huntington Beach. A summary is as follows:

Total RD's In the City	130
Total Crime Count	10336
Average Crime Count per Patrol Area	79.51

A 20% greater number of crimes than the average number of crimes for all RDs is **95.41**

There are 31 RDs with a count greater than 95.41. The RD's are listed in RD order.

RDs	Part I Crimes	Part II Arrests	Total	RDs	Part I Crimes	Part II Arrests	Total
155	68	34	102	412	73	89	162
165	76	53	129	413	71	108	179
241	73	48	121	421	58	62	120
242	283	80	363	422	75	84	159
252	81	88	169	431	52	131	183
253	78	24	102	432	77	169	246
261	84	65	149	436	99	38	137
262	87	78	165	441	55	66	121
263	58	57	115	442	93	106	199
271	49	59	108	451	327	838	1165
272	170	157	327	452	65	67	132
273	54	48	102	461	193	264	457
282	48	124	172	462	46	76	122
283	56	131	187	463	62	50	112
293	125	70	195	476	70	56	126
349	83	44	127				

Esparza, Patty

From: Surf City Pipeline [noreply@user.govoutreach.com]
Sent: Friday, October 18, 2013 8:45 AM
To: CITY COUNCIL; Agenda Alerts
Subject: Surf City Pipeline: Comment on an Agenda Item (notification)

Request # 16125 from the Government Outreach System has been assigned to Agenda Alerts.

Request type: Comment

Request area: City Council - Agenda & Public Hearing Comments

Citizen name: Johanna Hessing

Description: From: Johanna Hessing [mailto:cherubim117@gmail.com]
Sent: Thursday, October 17, 2013 9:08 PM
To: CITY COUNCIL
Subject: A Letter

**SUPPLEMENTAL
COMMUNICATION**

October 17, 2013
Huntington Beach City Council
2000 Main Street
Huntington Beach CA 92648

Meeting Date: 10/21/2013
Agenda Item No. 13

Dear esteemed City Council members,

Thank you for taking the time to read my letter and for considering to ban polystyrene in our beautiful city. Growing up, the beach was an intricate part of my life and remains a fascination, and favored location for weekend get-a-ways and family outings. It is because of this, and due to my overall environmental concerns that I address you today.

There is little else on God's green earth taking more of a toll due to human ignorance and indifference than our oceans. I find the current conditions and future projections shocking, and despicable. It is not only ourselves who will suffer the consequences, (and be assured, we will) but also every unfortunate creature who encounters our plastic waste in their environment.

"Polystyrene foam is often dumped into the environment as litter. This material is notorious for breaking up into pieces that choke animals and clog their digestive systems." (Green Restaurant Association) I find it greatly disturbing to discover dead birds upon the beach, among the litter. In a place meant for family and bright summer days there should not be animals massacred by what these families leave behind, or by what is washed down to the shore by the rain.

According to a 1986 EPA report on solid waste, the polystyrene manufacturing process was recorded as the "5th largest creator of hazardous waste." Since then the production and uses for polystyrene in our day to day lives has drastically increased. The National Bureau of Standards Center for Fire Research discovered "57 chemical byproducts released during the combustion of polystyrene foam." Although the damage does not stop after manufacture. "Toxic chemicals leach out of these products into the food that they contain (especially when heated in a microwave). These chemicals threaten human health and reproductive systems." (Green Restaurant Association) I know of very few people who would not think twice about placing a to-go-box in the microwave, or about

sipping from a Starbucks' cup's polystyrene lid.

People do not realise how easily their Styrofoam cups blow away, or how quickly a seagull can steal away food packaging. Albeit, as of now there is before you the opportunity to significantly cut back on the waste floating in our oceans, the bits of polystyrene mixed in among the sand, the spilled nurdles, contaminated, and in our food supply. By banning polystyrene today, we take the first steps toward a more green, safe, and healthy future. For our children, for the animals, for our oceans, and for our world.

Thank you for your time,
Sincerely,
Johanna Rose Hessing

Expected Close Date: 10/19/2013

[Click here to access the request](#)

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Esparza, Patty

From: Surf City Pipeline [noreply@user.govoutreach.com]
Sent: Friday, October 18, 2013 8:47 AM
To: CITY COUNCIL; Agenda Alerts
Subject: Surf City Pipeline: Comment on an Agenda Item (notification)

Request # 16126 from the Government Outreach System has been assigned to Agenda Alerts.

Request type: Question
Request area: City Council - Agenda & Public Hearing Comments
Citizen name: Karina Santoyo
Description: October 17, 2013

Huntington Beach City Council City Hall 2000 Main St. Huntington Beach CA 92648

Dear Distinguish City Council Members,
I am writing to you as a concerned citizen of our community over the matter of polystyrene more commonly known as Styrofoam. This material is a hazardous waste that is polluting our environment as well as our health. For this reason I am requesting the elimination of polystyrene in the City of Huntington Beach.

My main concern about polystyrene is its effects on the human health. The main use of polystyrene is for the purpose of holding our food, since it's such a great insulator. The problem with this is that the heat of our food releases toxic chemicals that contaminate the food. The indigestion of these chemicals are very dangerous as they are classified as human carcinogen by the EPA and the International Agency For Research on Cancer. Other effects of chronic exposure to polystyrene are depression, headache, fatigue, and weakness which are all part of the central nervous system. This material is also not biodegradable meaning that it cannot be broken down, into its basic compounds by micro-organisms and other living things. Polystyrene is often littered in the streets as well as the ocean where this material breaks down to pieces that choke animals and clog their digestive systems while contaminating the water leading to the destruction of marine ecosystems.

The elimination of polystyrene is a necessary action the city of Huntington Beach has to take to ensure the safety of the community. Other cities in Orange County have already eliminated polystyrene from their communities. There is nothing to lose as there are plenty of other options and resources that can substitute polystyrene. The safety of our love ones is at stake and so is our environment. Protecting them should always be the top priority. I thank you, for taking the time to considerate this very important issue.
Sincerest Regards,
Karina Celeste Santoyo

Expected Close Date: 10/19/2013
[Click here to access the request](#)

**SUPPLEMENTAL
COMMUNICATION**

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Meeting Date: 10/21/2013
Agenda Item No. 13

Esparza, Patty

From: Surf City Pipeline [noreply@user.govoutreach.com]
Sent: Friday, October 18, 2013 9:16 AM
To: CITY COUNCIL; Agenda Alerts
Subject: Surf City Pipeline: Comment on an Agenda Item (notification)

Request # 16128 from the Government Outreach System has been assigned to Agenda Alerts.

Request type: Comment

Request area: City Council - Agenda & Public Hearing Comments

Citizen name: Aline Edizian

Description: Huntington Beach City Council
2000 Main St.
Huntington Beach, Ca 92648
October 17, 2013

**SUPPLEMENTAL
COMMUNICATION**

Meeting Date: 10/21/2013

Agenda Item No. 13

Dear Distinguished Council Members,
As a concerned citizen that loves Huntington Beach because of the beautiful landscape and all it has to offer, I would like you to consider banning polystyrene. All styrofoam products contain polystyrene which affect the citizens of Huntington Beach health wise, as well as the environment and the oceans animals. Polystyrene is a lightweight plastic material that is non-biodegradable and non-recyclable unless the styrofoam product never contained food or liquid in it. Therefore, most of it isn't recycled and is in our local land fills, side streets, and oceans. Because of the beautiful beaches and landscape, the increased visitors and large amount of citizens residing in this city could make a huge difference if polystyrene was banned. Styrofoam products which contain polystyrene affect the health of you, me, and everyone around us. According the EPA studies, in the 1980's "100% of Americans have Styrene in their bodies. Since Styrene is used in all kinds of applications, including injecting it directly into foods to preserve their shelf life, we are all exposed without our knowledge". Styrene is the chemical in polystyrene which is most commonly exposed in one's nervous system. Therefore leading people to obtain effects such as feeling drunk, the inability to concentrate, tiredness, changes in color vision, etc. Most importantly, according to the Department of Health and Human Services (DHHS), National Toxicology Program (NTP) "styrene is a 'reasonably anticipated to be a human carcinogen' in the Report on Carcinogens, Twelfth Edition, released on June 10, 2011". Since polystyrene is mainly used by restaurant businesses, this is where the problem needs to be addressed. If the city of Huntington Beached banned the use of polystyrene, restaurants would have to find alternative

products to use. According to the different prices shown at Restaurant Depot, a local restaurant owner supply shop in Costa Mesa, a case of 1000 21 ounce paper cups cost \$53.99 while a case of 1000 21 ounce styrofoam cups cost \$43.98 per case. The actual price different for one paper cup is 5.399 cents while the price of styrofoam cup is 4.398. Therefore, the price difference between one cup made of paper rather than a styrofoam cup that contains polystyrene is 1 cent. Although this may seem like a lot for restaurant owners, this one cent difference could be taken care of by increasing the price of the fountain drink by one cent. As a citizen that visits fast food restaurants often, I personally wouldn't notice if the price of my drink was increased by one cent; if I did, I wouldn't complain if I knew that the price was increased for the benefit of my health since the paper cup wouldn't contain polystyrene.

The banning of polystyrene in the city of Huntington Beach would positively affect people's health along with the oceans, sea animals, and the city's landscape. The EPA studies found that "68% of trash on urban streets comes from take-out food packaging. Foam containers are light-weight and blow away before street sweepers and litter pickers can get to them". The beauty of Huntington Beach is being ruined by the use of polystyrene products at local restaurants. The cost difference for restaurants wont be drastic to use alternative products other than those that contain polystyrene. If customers are aware that the one cent raise for drinks or food plates is because it benefits our health and the environment, they will not mind the increased price. I hope you take this into great consideration and I thank you for your time.

Sincerely,
Aline Ekizian

Expected Close Date: 10/19/2013

[Click here to access the request](#)

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Esparza, Patty

From: Surf City Pipeline [noreply@user.govoutreach.com]
Sent: Friday, October 18, 2013 11:25 AM
To: CITY COUNCIL; Agenda Alerts
Subject: Surf City Pipeline: Comment on an Agenda Item (notification)

Request # 16130 from the Government Outreach System has been assigned to Agenda Alerts.

Request type: Comment

Request area: City Council - Agenda & Public Hearing Comments

Citizen name: Daniel Knight

Description: Huntington Beach City Council
2000 Main Street
Huntington Beach CA 92648

October 15 2013

Dear Esteemed Council Members,

I am writing to you as a concerned citizen regarding the detrimental effects polystyrene products have on people's health and the environment. Polystyrene products range from to-go containers, straws, disposable drinks cups, and many other products that come into contact with our food and beverages and then with us. Therefore, I believe it is crucial that the City of Huntington Beach bans the use of polystyrene products to protect its citizens and the beautiful city.

Firstly, polystyrene has been proven to be harmful to humans when mixed with hot and acidic food and beverages. The Future Center Trust explains, "Polystyrene contains the toxic substances Styrene and Benzene, suspected carcinogens and neurotoxins that are hazardous to humans. Hot foods and liquids actually start a partial breakdown of the Styrofoam, causing some toxins to be absorbed into our bloodstream and tissue." This conveys that polystyrene carcinogens are absorbed by hot and acidic foods and liquids and then transferred into a human's bloodstream. With such solid proof that polystyrene is harmful to our bodies, it should seem like a clear choice to ban the products in order to provide a safe environment for Huntington Beach residents and visitors to enjoy.

Secondly, not only is polystyrene dangerous for our bodies, it is also harmful to the environment. The Clean Water Foundation for California maintains, "Expanded polystyrene foam is pervasive in the marine environment. Like most plastics, polystyrene is lightweight and floats. When littered, it is carried from streets and through storm drains out to the ocean." Thus, considering that Huntington Beach is known for its exquisite scenery and luscious beaches, it is vital that we maintain the beaches that attract so many tourists and excite residents. Otherwise, with the increasing amount of polystyrene products, which take up to 500 years to decompose, the city of Huntington Beach will be faced with dirty beaches and unattractive scenery. This in turn would dramatically decrease tourism in the city.

Finally, as a concerned citizen, I would like to stress again the importance of banning

**SUPPLEMENTAL
COMMUNICATION**

Meeting Date: 10/21/2013

Agenda Item No. 13

polystyrene in the city of Huntington Beach in order to protect the people from harmful carcinogens leaked into food and beverages, and save the environment from the detrimental effects polystyrene has on the beautiful landscaping of Huntington Beach.

Yours Sincerely,

Daniel Knight
Works Cited

"Facts About Styrofoam litter." Clean Water Action. N.p.. Web. 15 Oct 2013.

"The Dangers of Polystyrene." Business Barbados. N.p., 06 Jul 2010. Web.

Expected Close Date: 10/19/2013

[Click here to access the request](#)

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Huntington Beach City Council
City Hall
2000 Main St.
Huntington Beach, CA 92648

October 17, 2013

Dear City Council Member,

I am writing as a concerned citizen regarding the use of polystyrene products and its outrageous effects on the environment and marine wildlife. Polystyrene is found in food packages, beverage cups, and disposable tableware. I believe all of these products should be banned due to their effects on human health and wildlife. Polystyrene has already been banned in Newport Beach, Laguna Beach, Calabasas, Malibu and many other cities throughout California.

Anything that contains polystyrene is known as photodegradable and cannot break down fully. Instead, they break down into smaller and smaller pieces and marine animals easily mistake polystyrene for food. Animals are not able to digest polystyrene and eventually these particles can fill up their stomachs and cause the animals to starve to death. Much of all of this polystyrene in the ocean is from fast food products such as cups or trays.

Polystyrene is also getting into our systems whenever we drink out of Styrofoam cups or eat off of disposable Styrofoam plates. A neurotoxin, Styrene, can migrate from polystyrene containers into food and beverages when heated, or in contact with fatty or acidic foods. This neurotoxin leads to increased risks of cancer and has been found to slow down reaction times, effect balance and spatial orientation, and cause concentration problems.

Due to the amount of trash that is found in beaches or the ocean, cities and regions have spent millions and billions of dollars on trash clean ups. According to Clean Water Action, Styrofoam was found as the second most abundant form of beach debris in Orange County. Caltrans spend approximately \$60 million a year to remove litter and debris from roadsides and highways. Before Los Angeles agreed to ban polystyrene they would collect over 4,000 tons of trash annually and spend over four million dollars to clean 31 miles of beaches. One year after San Francisco implemented the prohibition of the use of Styrofoam food ware, San Francisco's litter audit showed a 36% decrease in Styrofoam litter. Therefore, decreasing the cost of beach clean and town clean ups considerably.

As a concerned citizen for the environment, wildlife, and human health I believe it is within our best interest to ban the use of polystyrene. It is money saved on beach clean ups that can be used on other causes. Thank you for taking the time to read my letter and giving me the opportunity to share information with you.

Sincerely,

Luke Krut

**SUPPLEMENTAL
COMMUNICATION**

Meeting Date: 10/21/2013

Agenda Item No. 13

October 17, 2013

Huntington Beach City Counsel

City Hall
2000 Main Street
Huntington Beach, CA 92648

Dear Distinguished City Council Members,

I am a spearfisherman and free diver and have been diving around Orange County for a few years. I have become concerned with the amount of trash at our beaches and the amount of pollution in the ocean. I think the city should ban the use of polystyrene. There are many safer alternatives for polystyrene products. Polystyrene is harming the people who use it and polluting the dear oceans we love.

The plastic, Polystyrene, takes hundreds of years to break down so when it enters our ocean, it gets stuck and stays there for years. This is causing our oceans and beaches to fill up with trash that doesn't biodegrade, just break into smaller pieces. This means that the amount of polystyrene waste in the ocean is increasing with no way to get it out. Once the polystyrene reaches the deep ocean, it gets mistook for food and ingested by the marine life. This is causing the deaths of many species of marine life, from birds to fish, to whales. Also, most polystyrene cannot be recycled and sits in dumps for thousands of years.. Of the 377,579 tons of polystyrene produced in California, 154,808 tons are for food service packaging and go straight to the landfill. There is only a slight price difference in price for alternatives. The average difference in cups is only one cent more for the biodegradable alternative. Polystyrene can also be hazardous to one's health. Foods or drinks that are acidic, contain alcohol or vitamin a and even yogurt and milk have been known to cause polystyrene to leech chemicals into whatever is inside.

Polystyrene needs to be banned in the city of Huntington Beach. It is hazardous to the people and destroying our environment. This plastic cannot keep destroying our beautiful beaches. Polystyrene does not belong in our beautiful city. Thank you for taking the time to read my letter and I hope you consider what I have said.

Sincerely,

Ryan Murphy

**SUPPLEMENTAL
COMMUNICATION**

Meeting Date: 10/24/2013

Agenda Item No. 13

The City of Huntington Beach
2000 Main Street
Huntington Beach

17 October 2013

Dear distinguished Council Members,

I am a concerned citizen wishing to express my views against the use of Polystyrene in to-go products such as Styrofoam containers, straws, coffee cup lids, and disposable silverware amongst other items. It is important that the City of Huntington Beach bans the use of Polystyrene in its city due to the outcome it has on the beautiful environment of our hometown and on the people that live here.

The Future Centre Trust stated, "Polystyrene food containers leach the toxin Styrene when they come into contact with warm food or drink, alcohol, oils and acidic foods causing human contamination and pose a health risk to people. Avoid drinking tea with lemon, coffee with dairy cream, fruit juices, alcoholic beverages and wine from Styrofoam cups. Red wine will instantly dissolve the Styrene monomer. Do not eat oily foods from Styrofoam containers." This exemplifies that polystyrene has negative effects on the people that live in Huntington Beach because when in contact with hot and acidic foods, polystyrene releases toxins. It is crucial that polystyrene is banned in Huntington Beach in order to protect the citizens from harm.

Not only does polystyrene harm the people of Huntington Beach, but also The Future Centre Trust continues, "The product does not biodegrade. It crumbles into fragments that have no expiration date", which has a negative affect on the City of Huntington Beach. The people of Huntington Beach expect the city to be consistently beautiful, however if this damaging garbage begins to destroy the city's beauty, such as the beaches and scenery, it will have negative effects on the community.

In order to keep the citizens of Huntington Beach safe from harmful toxins released from polystyrene based products as well as protecting the environment of our city; it is dire that the City of Huntington Beach bans polystyrene products.

Thank you for taking the time to consider my request,

Yours sincerely,

SUPPLEMENTAL COMMUNICATION

-Torie Litman

Meeting Date: 10/21/2013

Agenda Item No. 13

Marcus DeSilva
Surfrider Huntington Beach Intern
26075 Las Flores Unit C
Mission Viejo, CA 92691

Huntington Beach City Council
City Hall
2000 Main Street
Huntington Beach, CA 92648
October 17, 2013

**SUPPLEMENTAL
COMMUNICATION**

Meeting Date: 10/21/2013
Agenda Item No. 13

Dear Esteemed City Council Members,

Thank you for taking the time to read this letter. As a concerned citizen I am urging you to ban polystyrene plastics in the great beach community of Huntington Beach. Specifically, the Styrofoam cups that I see overflowing from garbage cans up and down Main Street as well as the Styrofoam food containers that litter the otherwise beautiful beaches. This city offers great beach facilities as well as leisure and entertainment destinations that few other cities possess. My concern is that these pestilent eyesores are ruining the pristine beauty that is Huntington Beach. This can potentially have a negative impact on tourism which this city relies on for revenue.

Many cities in Southern California have already passed legislation to ban this carcinogenic substance. These cities include Laguna Beach, Malibu, Santa Monica, Newport Beach, and countless others that have taken proactive measures to protect the environment. My point is that Huntington Beach would not be alone should it decide to ban Styrofoam products. It would be joining the many cities and counties around the country that are acknowledging that this problem can no longer be ignored. The major problems that Styrofoam presents outweigh its limited usefulness. For instance, polystyrene takes an average of five hundred years to decompose. Much of the disposable packaging we eat from today will still be around five hundred years from now. Something that will be used for a few minutes will linger in our landfills for hundreds of years. The food packaging industry would have you believe that Styrofoam is safe to store and consume food from. However, research conducted by the Future Centre Trust in July of 2010 has yielded some alarming results. According to their findings, polystyrene food containers leach the

toxin Styrene when they come into contact with warm food or drink, alcohol, oils and acidic foods causing human contamination and pose a health risk to people. Most interesting is the degradation of food that contains vitamin A (beta-carotene). In packaged foods with the addition of heat (such as microwave temperatures), vitamin A will decompose and produce m-xylene, toluene, and 2,6-dimethylnaphthalene. Toluene will aggressively dissolve polystyrene. This renders polystyrene as an unsuitable package for containing or micro waving food products.

Styrofoam has been proven to be unsustainable and harmful to the health of human beings and should be banned from use in the city of Huntington Beach. I hope that the honorable members of the Huntington Beach City Council will consider the un-biased and objective facts that I have presented to make an informed decision. Thank you for taking the time out of your busy schedule to consider this proposal.

Best Regards,

Marcus DeSilva



To the Huntington Beach City Council:

As a member of the CSULB Surfrider Foundation Club I strongly urge you to develop an ordinance to ban polystyrene (Styrofoam) from being used by all food vendors within the city. Many of our members reside in Huntington Beach and the majority visit the city frequently to surf and enjoy the beach, so it is very important to us to help keep it and all other beaches clean.

Banning polystyrene is a crucial factor in achieving this goal. We have participated in several beach cleanups in both Huntington Beach and Long Beach and always find that polystyrene foam is one of the most, if not *the* most, abundant type of waste we collect. This is likely due to the fact that it is very lightweight and therefore easily picked up by wind or water runoff, and that it readily breaks down into many small pieces. This fact also makes it a great threat to marine life as the small pieces can be accidentally ingested by birds and fish that either mistake it for food or swallow it along with the real food that they eat. By banning this type of plastic we can help eliminate it from ever entering our oceans.

Another negative aspect of polystyrene is the way it's manufactured. According to a 1986 EPA study, "the polystyrene manufacturing process is the fifth largest contributor to hazardous waste", not to mention the air pollution caused by producing it. Its primary ingredient, styrene, has been listed as a possible human carcinogen by the International Agency for Research on Cancer and could leach into food in small amounts, especially after being in the microwave. Because polystyrene is a petroleum based product it also has a greater carbon footprint than its alternatives. These alternatives include recycled paperboard and plant-based plastics, which are both sustainably produced and biodegradable.

By banning polystyrene you can show that your city is serious about protecting the environment and its beaches, and you can set an example for cities like Long Beach to create their own similar ordinances. **Please side with the environment, the ocean, and the surfers and beach-goers who help make Huntington Beach the great city that it is. Please ban polystyrene foam.**

Thank you very much.

Sincerely,

Kelci Boynton

CSULB Surfrider Foundation Club member

SUPPLEMENTAL COMMUNICATION

Meeting Date: 10/21/2013

Agenda Item No. 13

Tahlia Nie
Surfrider Huntington beach Intern
24691 Kim Circle
Laguna Hills, CA 92653

October 20th, 2013

SUPPLEMENTAL COMMUNICATION

Huntington Beach City Council
2000 Main St.
Huntington Beach, CA 92648

Meeting Date: 10/21/2013
Agenda Item No. 13

Dear Distinguished Council Members,

First off, I would like to thank you for considering a vote to ban expanded polystyrene on Monday, the 21st, in our beautiful city of Huntington Beach. As a local college student and longtime beach goer, I have recently read the book *Garbology* which has opened my eyes to the current environmental issues at hand. Instead of focusing on the shocking facts surrounding polystyrene products, such as the many carcinogens and neurotoxins, which have devastating effects towards all living organisms. I would like to redirect your attention to a more capitalistic solution to the polystyrene predicament. Which in turn will benefit to the conservation of Huntington Beach for our future generations.

Expanded polystyrene, along with any other form of styrene, virtually never goes away; a bottle of water you drink today will remain on this planet for over 50 of your own lifetimes. The phrase "out of sight, out of mind" does not work in this case. CalTrans spends approximately \$60million a year to remove litter and debris from our roads and highways, our neighboring city of Los Angeles uses \$18million. Once that waste is collected where does it go? Straight to our landfills. But wait, within a few weeks Puente Hills will be filled to the brim with trash. Where does it go from there? Further away. Out of sight, out of mind. The further away the more expensive it will be to transport the waste, skyrocketing the price of waste management. Pretty soon we will be buried in our own filth, unable to hide it from our sight.

Yes, overtime polystyrene products "break down" but they break down into smaller particulates that leach straight into the ground and eventually our oceans. According to the *2008 Gordon Environmental Consulting and Ocean Protection Council*, they advocated to "Prohibit single-use products that pose significant ocean litter impacts where a feasible less damaging alternative is available." Why go through all the labor and money to hide polystyrene when you can get rid of it all together? To spend a few more cents for biodegradable alternatives to polystyrene, will not only save tax payers money (or at least put it to better use somewhere else) but it will also preserve our pristine beach environment and contribute to the reinvention of our waste management for healthier generations to come.

Lastly, I would like to thank you for your time. With this controversial task at hand you have so diligently read the personal sentiments of concerned citizens, such as myself, I would hope you keep this point in mind when it is time to vote.

Best Regards,

Tahlia Nie



To the Huntington Beach City Council:

As a lifelong resident of Huntington Beach, an avid surfer, and a member of the CSULB Surfrider Foundation Club I strongly urge you to develop an ordinance to ban polystyrene (Styrofoam) from being used by all food vendors within the city. Many of our members reside in Huntington Beach and the majority visit the city frequently to surf and enjoy the beach, so it is very important to us to help keep it and all other beaches clean.

Banning polystyrene is a crucial factor in achieving this goal. We have participated in several beach cleanups in both Huntington Beach and Long Beach and always find that polystyrene foam is one of the most, if not *the* most, abundant type of waste we collect. This is likely due to the fact that it is very lightweight and therefore easily picked up by wind or water runoff, and that it readily breaks down into many small pieces. This fact also makes it a great threat to marine life as the small pieces can be accidentally ingested by birds and fish that either mistake it for food or swallow it along with the real food that they eat. By banning this type of plastic we can help eliminate it from ever entering our oceans.

Another negative aspect of polystyrene is the way it's manufactured. According to a 1986 EPA study, "the polystyrene manufacturing process is the fifth largest contributor to hazardous waste", not to mention the air pollution caused by producing it. Its primary ingredient, styrene, has been listed as a possible human carcinogen by the International Agency for Research on Cancer and could leach into food in small amounts, especially after being in the microwave. Because polystyrene is petroleum based it also has a greater carbon footprint than its alternatives. These alternatives include recycled paperboard and plant-based plastics, which are both sustainably produced and biodegradable.

By banning polystyrene you can show that your city is serious about protecting the environment and its beaches, and you can set an example for cities like Long Beach to create their own similar ordinances. **Please side with the environment, the ocean, and the surfers and beach-goers who help make Huntington Beach the great city that it is. Please ban polystyrene foam.**

Thank you very much.

Sincerely,

Matthew Cole

CSULB Surfrider Foundation Club member

SUPPLEMENTAL COMMUNICATION

Meeting Date: 10/21/2013

Agenda Item No. 13

Huntington Beach City Council
City Hall
2000 Main St.
Huntington Beach CA 92648

SUPPLEMENTAL COMMUNICATION

Meeting Date: 10/21/2013

Agenda Item No. 13

October 17, 2013

Dear City Council Members,

I am a student in the area concerned about the issue of polystyrene. The ban on polystyrene in Huntington Beach should be taken into consideration because it is harmful to the environment, citizens, ozone layer, and is making more trash in our oceans.

According to the article in greenhome.com, traces of styrene were found in 100 percent of human fat tissue samples in a U.S. Environmental Protection Agency (EPA) Human Tissue Survey. Styrene, made of petroleum which is a heavily polluting resource, is the basic building block of polystyrene and is generally used for manufacturing rubber and plastic. Everyday, polystyrene is used and consumed by citizens when they drink coffee with plastic lids, use to-go containers for their leftovers, and when they sip through straws. Heat, such as coffee and hot drinks, causes the polystyrene to activate and release harsh chemicals into substances. Long-term use of polystyrene causes fatigue, chromosomal and blood abnormalities, and can increase the chance of getting cancer because polystyrene contains neurotoxic chemicals that are harmful to human health and reproductive systems, especially in women who are pregnant.

In the article *Waste and Recycling Facts* in Cleanair.org, it explains that very year, Americans use approximately 102.1 billion plastic bags, creating tons of landfill waste. This shows that plastic polystyrene just creates more waste in the environment and is almost impossible to recycle right away since it is nonbiodegradable and takes at least 500 years to break down. Plastic takes up more space in landfills than does paper; when there is not enough room in landfills, plastic is thrown in the ocean and beaches. The water in the ocean causes the plastic to release more chemicals into the ocean; when the plastic gets wet, it leads to a contaminated water supply since most landfills are located near large bodies of water.

When polystyrene breaks down into smaller pieces, it is mistaken as food by marine animals and is more easily consumed, poisoning the animals in the ocean and the ocean water itself. Thus, many animals have died and suffered because of the plastics littered on the beaches and thrown into the ocean. We don't need anymore plastic and styrofoam

straws, containers, lids, or any form of trash in our beaches because that is where people go to relax and have a good time in the water, but the water is not safe since the polystyrene is contaminating the ocean with dangerous chemicals that shouldn't be consumed or exposed to humans or marine life.

There are other safer and healthier alternatives that could be used in place of polystyrene and styrofoam; eco-friendly alternatives would include recycled paper, corn plastics, and other resources that are biodegradable. Using these type of materials would save trees, energy, landfill space, water, and even money.

Ultimately, these findings show that polystyrene is dangerous to citizens' health and to the environment; please take in consideration of banning polystyrene in Huntington Beach because it is destroying our ocean waters marine life, and harming citizens and families.

Sincerest Regards,

Coral Rojas

Works Cited

- "Why Styrofoam Is Bad!" Web log post. *Green4u*. N.p., 22 May 2008. Web. 16 Oct. 2013.
<<http://www.green-4-u.com/2008/05/22/why-styrofoam-is-bad/>>.
- "Waste and Recycling Facts." *Clean Air Council*. Clean Air Council, n.d. Web. 17 Oct. 2013.
<<http://www.cleanair.org/Waste/wasteFacts.html>>.
- Facts about Styrofoam® Litter*. Rep. Clean Water Action, n.d. Web. 16 Oct. 2013.
<http://www.cleanwater.org/files/publications/ca/cwa_fact_sheet_polystyrene_litter_2011_03.pdf>.
- Polystyrene Foam Report*. Rep. Earth Resource Foundation, n.d. Web. 16 Oct. 2013.
<<http://www.earthresource.org/campaigns/capp/capp-styrofoam.html>>.



To the Huntington Beach City Council:

As a member of the CSULB Surfrider Foundation Club I strongly urge you to develop an ordinance to ban polystyrene (Styrofoam) from being used by all food vendors within the city. Many of our members reside in Huntington Beach and the majority visit the city frequently to surf and enjoy the beach, so it is very important to us to help keep it and all other beaches clean.

Banning polystyrene is a crucial factor in achieving this goal. We have participated in several beach cleanups in both Huntington Beach and Long Beach and always find that polystyrene foam is one of the most, if not *the* most, abundant type of waste we collect. This is likely due to the fact that it is very lightweight and therefore easily picked up by wind or water runoff, and that it readily breaks down into many small pieces. This fact also makes it a great threat to marine life as the small pieces can be accidentally ingested by birds and fish that either mistake it for food or swallow it along with the real food that they eat. By banning this type of plastic we can help eliminate it from ever entering our oceans.

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By banning polystyrene you can show that your city is serious about protecting the environment and its beaches, and you can set an example for cities like Long Beach to create their own similar ordinances. **Please side with the environment, the ocean, and the surfers and beach-goers who help make Huntington Beach the great city that it is. Please ban polystyrene foam.**

Thank you very much.

Sincerely,

Margaret Audi

CSULB Surfrider Foundation Club member

SUPPLEMENTAL COMMUNICATION

Meeting Date: 10/24/2013

Agenda Item No. 13

October 19, 2013

Jacob Taylor

Surfrider Huntington Beach Intern

24950 Via Floreecer Apt 1

Mission Viejo CA, 92692

Huntington Beach City Council

2000 Main St.

Huntington Beach, CA 92648

Dear Distinguished Council Members:

The intent of this letter is to express my opinion against the use of Polystyrene in the city of Huntington Beach. As a college student who loves taking trips to the beach, I can't stand to see the abundance of single-use plastics by business and consumers. I believe that the ban on polystyrene cups, lids, and to-go containers would tremendously help the efforts to clean up the beaches and decrease the amount of garbage the city produces. In addition to the aesthetic benefits, it would also have health benefits for those who use polystyrene products on a usual basis.

My main concern would be the health issues created as a byproduct of Styrofoam cups. Using polystyrene products with both food and drink is a risk that I'm not willing to take anymore. As many of you already know, styrene is a main component in polystyrene products. What you might be less aware of is that styrene has been found to be a human carcinogen. Studies from the Department of Health and Human Services in the Toxicology Program explain that, "Elevated risks of lymphohematopoietic cancer were found among workers with higher exposure to styrene." Tests were first conducted on mice showing signs of mutation in their DNA leading to cancer located in either the lungs or mammillary glands. Both forms are insidious in nature and can lead to death. These types of cancer can go undetected for years until it's too late. If the tests on mice are resulting positive with cancer, then the same would remain true for humans. This chemical isn't only exposing workers creating these polystyrene products but can be released through heat or the use of an acid. As I think about all the ways we use Styrofoam, I realize that the chemical styrene is being released into our hot food from take-out and the cold sodas that contain citric acid.

Sincerely, Jacob Taylor

**SUPPLEMENTAL
COMMUNICATION**

Meeting Date: 10/21/2013

Agenda Item No. 13