

TRASH REDUCTION

PLASTICS | POLITICS

HOIYIN IP

MAY 9, 2018



Fiscal Year 2016-2017

	Trash & Debris Control	Drainage Facility Maintenance	Street Sweeping
Laguna Niguel	\$16,000.00	\$421,985.00	\$189,000.00
Laguna Hills	\$30,491.02	\$17,034.90	\$125,923.73
Dana Point	\$157,802.00	\$791,727.00	\$237,480.00
Laguna Beach	\$136,870.00	\$30,220.00	\$211,770.00
San Juan Capistrano	\$29,364.00	\$236,175.00	\$153,850.00
San Clemente			\$565,473.24
Rancho Santa Margarita	\$18,200.00	\$40,000.00	\$75,694.00
Laguna Woods	\$17,800.00	\$7,835.00	\$41,147.00
Mission Viejo	\$53,390.00	\$278,511.00	\$409,356.00
Lake Forest	\$33,808.00	\$50,736.00	\$287,893.00
Aliso Viejo	\$14,792.00	\$18,490.00	\$68,213.00
County of Orange	\$48,947,275.00	\$14,696,502.94	\$1,247,811.99
\$69,658,620.82:	\$49,455,792.02	\$16,589,216.84	\$3,613,611.96



But with every order, there's just a lot of stuff that comes with the meal.



over a million

In 2013 alone, Seamless reported that they saved more than a million sets of plastic

seamless

— Add delivery instructions

Please call once you arrive

Spare me the napkins and plasticware. I'm trying to save the earth.

Weight
U.S. Environment
300



makes up the largest category of municipal waste.

Source:
UC Climate Lab
Takeout creates a lot of trash. It doesn't have to.

Legal Commitments to Zero Waste

San Francisco	100% by 2020
Oakland	100% by 2020
San Jose	100% by 2022
San Diego	100% by 2040
Los Angeles	97% by 2030

Regulations

France

Single Use Plastic Ban
cups, plates, utensils

Seattle, WA

Single Use Plastic Ban
straws, utensils

Santa Cruz County, CA

Single Use Plastic Ban
straws, stirrers, cups, utensils

Carmel-by-the-Sea, CA

Single Use Plastic Ban
straws, stirrers, cups, lids, utensils
On-Request Only
straws, utensils to-go

Malibu, CA

Single Use Plastic Ban
straws, stirrers, utensils
On-Request Only
straws, stirrers, utensils to-go

Long Beach, CA

On-Request Only
straws, utensils to-go

Promotions



Manhattan Beach

Bring Your Own campaign

Huntington Beach
Mission Viejo

Sustainable Restaurant Business Certification:

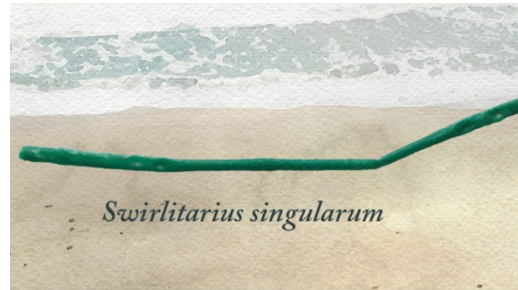
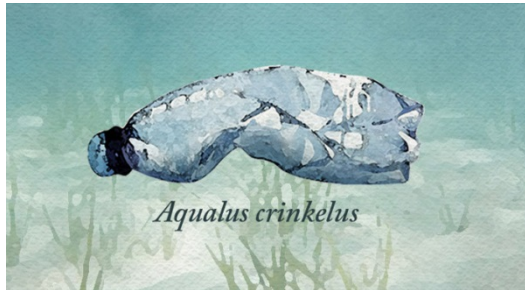
- Substitute plastic **bags** for paper, reusable, compostable.
- Replace disposable **flatware** and **tableware** with reusable items.
- Individually wrapped items such as **cutlery, salt and pepper packets, sugar**, etc. for to go orders only.
- Eliminate individual **bottles of water** for employees and guests.

Irvine

Zero Waste Resolution & suggestions to restaurants:

- Discount for bring your own **mugs, containers, or bags**.
- Employees use permanent-ware **mugs** or **cups**.
- Use refillable **condiment** dispensers instead of individual packets.

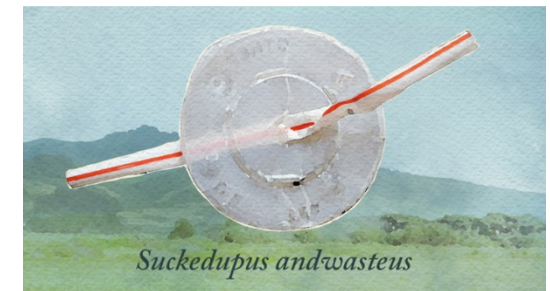
California Coastal Commission Defines Single-Use Products



Our survey shows the public is willing to change from single use plastic to reusable/compostable.



Our market research shows changing from single use plastic to more eco friendly alternatives costs 5¢ more per meal per person.



What's Wrong with Single-Use Plastic?

Laguna Beach Ordinance No. 1480 Polystyrene and Non-Recyclable Plastic Single-Service Containers By Take-Out Food Services (12/2007)

WHEREAS, expanded polystyrene foam material easily **breaks into smaller pieces** and is **so light** that it **floats in water** and is easily **carried by the wind**, even when it has been **disposed of properly**; and

San Clemente Ordinance No. 1533 Prohibit the Use of Expanded Polystyrene Disposable Food Service Ware (1/2011)

WHEREAS, the deterioration in the quality of the City's ocean waters and beaches **threatens the public health, safety and welfare** and **negatively affects tourism and the local economy which depends on tourist trades**; and

Dana Point Ordinance No. 12-04 Plastic Bag Prohibition (2/2012)

WHEREAS, while plastic does not biodegrade, it can "photo-degrade," breaking down into smaller pieces which can make their way into the **food chain** via animals such as jellyfish; and

“SPEAKING OUT TO ERASE THE WASTE”
“WORKING WITH MEDIA TO ERASE THE WASTE”



Trash isn't just a nasty habit. It's a real health threat. Because plastic bottles, fast food wrappers and cups that get tossed on the ground carry germs and bacteria that can make you sick and can pollute our waters. The answer? Put trash in trash bins. Recycle when you can. That will prevent pollution in your neighborhood before it affects your family's health—or finds its way to the river or the ocean. Want more tips? Visit www.waterboards.ca.gov/education.

**Erase the
waste**

Brought to you by the California
Water Boards



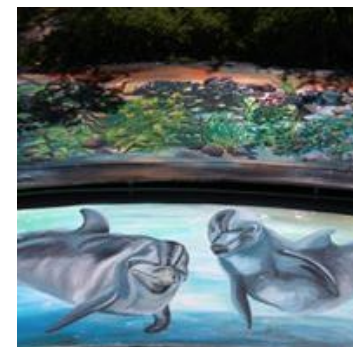
City of Malibu Environmental Sustainability Department

April 21 at 6:40am · 🌐

Way to #KeepitCleanMalibu! Our City is a national & global leader in eliminating plastic straws and cutlery from the environment! We're proud to join #StrawlessOcean and Lonely Whale in the worldwide effort to reduce plastic pollution & protect our ocean. <https://www.npr.org/.../malibu-moves-to-ban-single-use-plastic>



The Power of Social Media



Water Campaign



Trash Campaign



Sign on City/County Vehicles
Trash Bin Half Full Is More Cool

Sign on Streets/for Events
OCEAN FRIENDLY CITY
Make it a habit to say No to Single Use Plastic.
It is the OC lifestyle.

What Can Be Done for *Plastic* to Be Less *Political*?



Final Staff Report for Trash Amendments
Cover Art by Yoonhye Kim, 7th Grade