Trash Reduction: What Can We Learn from the Drought

Hoiyin lp December 13, 2017



	Number				Annual Cost
Year	Installed	Capital Cost	O & M Cost	Total Cost	Per Capita
1	459	\$ 367,200.00	\$ 156,978.00	\$ 524,178.00	\$ 2.16
2	459	\$ 367,200.00	\$ 313,956.00	\$ 681,156.00	\$ 2.81
3	459	\$ 367,200.00	\$ 470,934.00	\$ 838,134.00	\$ 3.45
4	459	\$ 367,200.00	\$ 627,912.00	\$ 995,112.00	\$ 4.10
5	459	\$ 367,200.00	\$ 784,890.00	\$ 1,152,090.00	\$ 4.75
6	459	\$ 367,200.00	\$ 941,868.00	\$ 1,309,068.00	\$ 5.39
7	459	\$ 367,200.00	\$ 1,098,846.00	\$ 1,466,046.00	\$ 6.04
8	459	\$ 367,200.00	\$ 1,255,824.00	\$ 1,623,024.00	\$ 6.69
9	459	\$ 367,200.00	\$ 1,412,802.00	\$ 1,780,002.00	\$ 7.34
10	456	\$ 364,800.00	\$ 1,568,754.00	\$ 1,933,554.00	\$ 7.97
TOTAL	4587	\$ 3,669,600.00	\$ 8,632,764.00	\$ 12,302,364.00	

City of Irvine

Estimated Compliance Cost for Track 1 (2015 Data)

Less Trash = Less Cost

Trash Service:	\$4,000,000
Storm Drain Cleaning:	\$ 355,217
12-Month Total:	\$4,355,217
City of Newport Beach	Actual Data 2016-2017



Water Campaign





Trash Campaign

Serve on Request:

- Utensils (Long Beach)
- Straws
- Napkins

To-Go Packages:

- "Do you need a bag?" (BP from restaurant)
- Reusable w/logo or compostable containers/cups (Bay Area)
- Incentive for bring-your-own

Sign on City Vehicles **"Trash Bin Half Full"** For the Holidays

Sign on Streets OCEAN FRIENDLY CITY Make It a Habit to Say No to Single Use Plastic. It Is the OC Lifestyle.



Let's Work Together

Cities

- City events: zero waste, start with single-use plastic free
- Education -> policy change

Water Districts

- CA's most successful campaign runner/trainer
- WD events: zero waste, start with single-use plastic free

Chambers of Commerce

- Many events & venues
- Diversity in participants

Eco-friendly restaurants/coffee shops/hotels

- Share best practices
- Take the lead

Regional Water Board, CalRecycle, CR&R, WM, etc



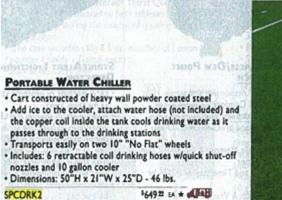
A Step Now: Bottled Water



nduct a Proposition 218 Public Hearing and Consider a Sewer Rate Newport Beach City Council Regular Meeting September 12.



The Cellar 2.5-Gallon Barrel Beverage Dispenser, Created for Macy ... \$29.99 from Macy's ***** (82)







Glass Beverage Dispenser 2 gal - Threshold, Clear \$29.99 from Target



Legal Commitment 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

Zero Waste in Our Watershed? Who can do what and when?

