

Regional Solid Waste Association

**Supplement Documents
Provided at the October 3, 2019
Board of Directors Meeting**

Item #5

Single-Use Plastics Ordinance Overview

RSWA MEETING

OCTOBER 3, 2019



Plastics Problem

Worldwide Issue

Since the 1950's...

8.3 billion metric tons of plastic produced globally

- **Only 9 percent** of it has been recycled
- 12 percent has been incinerated
- The rest persists in the environment

*Science Advances, July 2017

Plastics Problem

Short-term use, long-term
consequences

Half of all plastic manufactured
becomes trash in **less than a year**
of being produced.

*National Geographic, June 2018

Plastics Problem

Local Effects

In 2018, **53 percent** of all the refuse collected along the San Diego coastline was plastic.

*San Diego Coastkeeper
www.sdcoastkeeper.org

Policy Solutions

Restricting Single-Use Plastics
Internationally

European Union has banned these
single-use plastics by 2021:

- ☐ Plates
- ☐ Utensils
- ☐ Straws
- ☐ Stirrers
- ☐ Polystyrene foam beverage cups
- ☐ Polystyrene foam food containers
- ☐ Cotton swab sticks
- ☐ Balloon sticks

Solana Beach Action

Climate Action Commission (CAC)

The Solana Beach City Council:

- ☐ Incorporated the reduction of one-time plastic use items into its Work Plan.
- ☐ Directed the City's Climate Action Commission (CAC) to research potential plastic restrictions and propose measures for City Council to consider enacting in Solana Beach.

Outreach

- ☐ Presentation at a Business Liaison meeting
- ☐ Created brochure and webpage
- ☐ Outreach to Chamber of Commerce
 - Email blast to members concerning proposed measures
 - Organized meeting for members to review proposed measures
- ☐ Outreach to California Grocers Association, Restaurant Association and American Beverage Association
- ☐ Visited local stores and restaurants
 - Staff visits
 - Surfrider collaboration with their Ocean Friendly Restaurants Program
- ☐ Letters to businesses

Outreach Feedback

- ❑ Overall positive
- ❑ No expressed opposition to Ordinance as a whole
- ❑ Feedback incorporated into Ordinance
 - Restaurant Association
 - Suggested additional language not just “upon customer request,” but also “upon offer” at a drive-through
 - Grocers Association
 - Suggest that compostable requirement line up with when residential composting is available (80% of polystyrene substitutes will be ones that are compostable).
 - California non-alcoholic beverage industry does not agree with ban on any plastic bottled beverages.

Summary of Measures

Part 1: Food Service Ware and Accessories

Part 2: Polystyrene Foam Restrictions

Part 3: Reusable Cups

Part 4: Plastic Bottles and Packaged Water



Part 1: Food Service Ware and Accessories

Prohibition on the **SALE** of food service ware by any establishment in the City if the food service ware is:

- Made from polystyrene foam
- Is not recyclable or compostable

The sale of plastic straws, utensils, stirrers, splash sticks, cocktail sticks or toothpicks prohibited



Part 1: Food Service Ware and Accessories (cont.)

Prohibition on the **USE** of food service ware by food vendors for prepared food if the food service ware is:

- Made from polystyrene foam
- Is not recyclable or compostable

The distribution of plastic straws, utensils, stirrers, splash sticks, cocktail sticks or toothpicks prohibited



Part 1: Food Service Ware and Accessories (cont.)

“Only-upon-request” policy

Requirement that food vendors only distribute common single-use food accessory items like utensils, stirrers, and straws only upon request by the customer.

- If distributed these food accessories must comply with the provisions outlined in the previous section



Part 2: Polystyrene Foam Restrictions

Prohibition on the sale of certain polystyrene products anywhere in the City unless they are encased within a more durable material:

For example: coolers, ice chests, pool or beach toys.

Prohibition of these items on City beaches.

The rest of this section is unchanged from the City's original polystyrene ban with one exception....



Part 2: Polystyrene Foam Restrictions (cont.)

Meat or fish trays or egg cartons:

- ☐ May not be made of polystyrene foam
- ☐ Must be recyclable or compostable



Part 3: Reusable Cups

California amended the Health and Safety code to include procedures for restaurants to follow when consumers bring in their own cups or containers.

- Voluntary

Ordinance requires restaurants to accept customer cups as long as it is sanitary and appropriately sized

- At the vendor's discretion



Part 4: Plastic Bottles and Packaged Water

For beverages in containers 1 liter or less and only on City property

- Prohibits the sale and distribution of **packaged water** initially (May 1, 2020);
 - Exception for water in in aluminum cans or glass bottles
- Then packaged water PLUS any beverage in a plastic bottle 1 liter or less may not be sold or distributed (November 1, 2020).



What's next?

The 4 R's: Refuse, Reduce, Reuse, and then Recycle

1. Refuse
2. Reduce
 - “only-upon-request” policy;
- 3. Reuse**
 - Bikeshare concept for cups/food containers
 - Require reusable utensils and food ware if eating on site
4. Recycle
 - Current focus of many City ordinances

New companies sprouting

"Vessel takes the hassle out of reusables! We wash, sanitize and then deliver in FDA-approved containers, making reusability a reality for communities, vendors and consumers alike."

GRAB, GO, DROP!



WHY ARE WE THE BEST SOLUTION?

- **NO PLASTIC!**- we offer the first and only stainless steel reusable cup service in the world.
- **FREE SERVICE FOR CUSTOMERS**- risk free for clients; we provide the infrastructure, software, and training needed for success.
- **IOT & TECH-ENABLED**- seamless user interaction, real-time inventory tracking, impact metrics and more.
- **INSTANT FEEDBACK ON POSITIVE IMPACTS**- our education/personalized metrics inspire people to ditch disposables.
- **CONVENIENT**- super. The only service with 24/7 street side return kiosks makes Vessel the BEST and easiest choice.

GreenToGo

<https://youtu.be/pLNcXNIMsGAU>

Durham, NC

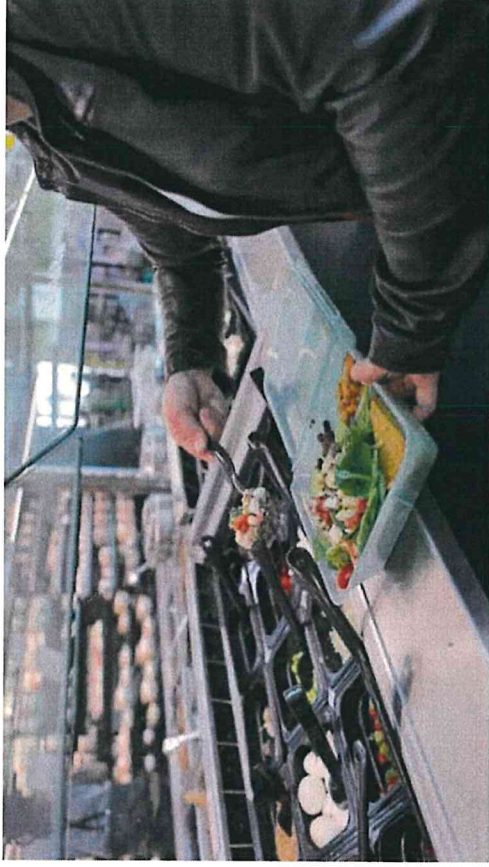
Technology & Science

6 ways to do takeout – without the waste

From bring-your-own containers to app-driven citywide systems that do the dishes for you



Emily Chung · CBC News · Posted: Oct 18, 2018 4:00 AM ET | Last Updated: October 18, 2018



A customer scoops food into a reusable container at Durham Co-op Market in Durham, N.C., as part of the GreenToGo program. It allows customers to take out clean reusable containers at restaurants throughout the city, and drop the dirty ones off for cleaning and redistribution. (GreentoGo)

Item #7.A.

Participation Summary

PERMANENT FACILITIES (Poway/Vista)

All Jurisdictions - Including Universal Waste, E-Waste, Batteries and Sharps Only Loads													
CITY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
Carlsbad	136	145	132	0	0	0	0	0	0	0	0	0	413
Del Mar	4	1	5	0	0	0	0	0	0	0	0	0	10
Encinitas	50	61	63	0	0	0	0	0	0	0	0	0	174
Escondido *	0	0	0	0	0	0	0	0	0	0	0	0	-
National City**	0	0	0	0	0	0	0	0	0	0	0	0	-
Poway	405	403	425	0	0	0	0	0	0	0	0	0	1,233
San Marcos	110	106	86	0	0	0	0	0	0	0	0	0	302
Solana Beach	4	11	12	0	0	0	0	0	0	0	0	0	27
Vista	257	289	256	0	0	0	0	0	0	0	0	0	802
E/U-Waste Only	181	164	166	0	0	0	0	0	0	0	0	0	511
Batteries Only	9	15	19	0	0	0	0	0	0	0	0	0	43
Sharps Only	12	22	17	0	0	0	0	0	0	0	0	0	51
0	1,168	1,217	1,181	-	-	-	-	-	-	-	-	-	3,566

*Escondido participation at Poway/Vista facilities. Total participation on page 2 (Escondido and RSWA facilities).

** National City participation at Poway/Vista facilities. Total participation on page 2 (Chula Vista and RSWA facilities).

HOME PICKUPS

All Jurisdictions - Including Batteries and E-Waste Only						
	Seniors/HB	Co-Pay	Sharps/U-	Batteries Only	E-Waste Only	Monthly Total
Jul-19	108	43	5	0	2	158
Aug-19	91	58	4	1	3	157
Sep-19	88	39	8	0	3	138
Oct-19	0	0	0	0	0	0
Nov-19	0	0	0	0	0	0
Dec-19	0	0	0	0	0	0
Jan-20	0	0	0	0	0	0
Feb-20	0	0	0	0	0	0
Mar-20	0	0	0	0	0	0
Apr-20	0	0	0	0	0	0
May-20	0	0	0	0	0	0
Jun-20	0	0	0	0	0	0
Total	287	140	17	1	8	453

RSWA HHW Participation By Jurisdiction

	Del Mar		Encinitas		Escondido*		National City**		Poway		Solana Beach		Vista		Total***	
	PHHWCF	Home P/U	PHHWCF	Home P/U	V/P	Esc.	PHHWCF	Home P/U	PHHWCF	Home P/U	PHHWCF	Home P/U	PHHWCF	Home P/U	PHHWCF	Home P/U
Jul-Sep FY17	8	12	159	98	0	416	29	0	915	2	19	44	749	13	2295	169
Jul-Sep FY18	8	8	173	84	0	404	47	0	1043	0	18	45	745	20	2438	157
Jul-Sep FY19	5	14	165	110	0	367	37	0	1042	3	14	41	761	16	2391	184
Jul-19	4	1	50	54	0	206	0	0	405	0	4	17	257	6	926	78
Aug-19	1	3	61	46	0	159	0	0	403	0	11	11	289	7	924	67
Sep-19	5	2	63	32	0	120	0	0	425	0	12	21	256	5	881	60
Oct-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nov-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dec-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mar-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apr-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jun-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jul-Sep FY20	10	6	174	132	0	485	0	0	1233	0	27	49	802	18	2731	205

* Escondido - V/P = Vista/Poway facilities, Esc. = Escondido facility

** National City residents utilize Chula Vista facility, \$5 co-pay (data provided by City of Chula Vista)

*** Total - PHHWCF includes all permanent facility participation by RSWA member cities (including Escondido facility)

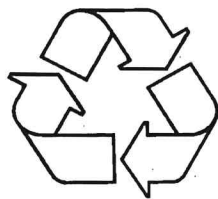
**RSWA HHW Program
Participation and
Volume Collected (lbs.)
(includes HHW from all participating jurisdictions)**

	<u>Poway</u>		<u>Vista</u>		<u>Door to Door</u>		<u>Total</u>	
	Residents	Volume	Residents	Volume	Residents	Volume	Residents	Volume
Jul-Sep FY17	1,169	41,337	1,643	117,793	359	29,448	3,171	188,578
Jul-Sep FY18	1,377	64,305	1,884	164,356	317	41,089	3,578	269,750
Jul-Sep FY19	1,323	63,501	1,784	150,035	392	37,508	3,499	251,044
Jul-19	510	15,691	658	72,760	158	18,190	1,326	106,641
Aug-19	487	17,550	730	40,865	157	10,216	1,374	68,631
Sep-19	517	30,539	664	50,885	138	12,721	1,319	94,145
Oct-19	0	0	0	0	0	0	0	0
Nov-19	0	0	0	0	0	0	0	0
Dec-19	0	0	0	0	0	0	0	0
Jan-20	0	0	0	0	0	0	0	0
Feb-20	0	0	0	0	0	0	0	0
Mar-20	0	0	0	0	0	0	0	0
Apr-20	0	0	0	0	0	0	0	0
May-20	0	0	0	0	0	0	0	0
Jun-20	0	0	0	0	0	0	0	0
Jul-Sep FY20	1,514	63,780	2,052	164,510	453	41,127	4,019	269,417
TOTAL FY20	1,514	63,780	2,052	164,510	453	41,127	4,019	269,417
Weight per Vehicle/Pickup		42.1		80.2		90.8		67.0

**RSWA HHW Program Participation
Paint Recycling (Oil Latex) (lbs)**

	Poway	Vista
Jul-19	7,752	30,584
Aug-19	10,149	23,932
Sep-19	9,244	24,331
Oct-19	0	0
Nov-19	0	0
Dec-19	0	0
Jan-20	0	0
Feb-20	0	0
Mar-20	0	0
Apr-20	0	0
May-20	0	0
Jun-20	0	0
TOTAL FY20	27,145	78,847

Item #7.B.



**REGIONAL SOLID WASTE
ASSOCIATION**

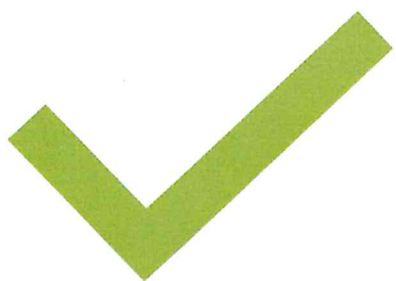
Member Agencies: Cities of Del Mar,
Encinitas, Escondido, National City, Poway,
Solana Beach, and Vista

**Approved and Pending Legislation Related
to Solid Waste & Recycling Matters**

As Presented By: General Manager/General Counsel, James H. Eggart

October 3, 2019

Board Meeting



**Approved
Legislation**

Assembly Bill 827: Requiring Businesses to Provide Recycling Bins for Customers

- ▶ Requires businesses to provide on-site customers with access to solid waste and organic waste recycling bins to collect material purchased on premises
- ▶ Applies to businesses that generate ≥ 4 cubic yards of solid waste per week
- ▶ Full service restaurants exempt
- ▶ Deadline is July 1, 2020
- ▶ Status: Presented to Governor on 9/11



Assembly Bill 815: Good Faith Implementation of Source Reduction and Recycling Element & Household Hazardous W Element



- ▶ Authorizes CalRecycle, in determining whether a jurisdiction has made a good faith effort to implement its source reduction and recycling element or HHW element, to consider whether the jurisdiction has adopted a dual-stream recycling program
- ▶ "Dual-stream recycling" means fiber materials are separated from containers or glass for recycling purposes
- ▶ Reduces contamination
- ▶ Intent is to incentivize dual-stream recycling programs
- ▶ Status: Approved by the Governor

Senate Bills 552 & 726: Household Hazardous Waste Programs

- ▶ SB 552: Permanently removes sunset dates on manifesting procedures that facilitate door-to-door HHW collection and residential HHW pickup programs
- ▶ SB 726: Updates current law to clarify rules governing HHW materials exchange programs for reuse of HHW such as paint thinner, deck stain, etc.
- ▶ Intended to enable these programs to continue and expand
- ▶ Status: Presented to the Governor on 9/19 and 9/17



Legislation
Pending
Approval by
the Governor





Assembly Bill 1162: Prohibition on Single Use Hotel Toiletries

- ▶ Prohibits hotels from providing small plastic bottles (≤ 6 oz.) containing personal care products in guest rooms
 - ▶ Applicable to hotels with more than 50 rooms beginning January 1, 2023
 - ▶ Applicable to hotels with 50 or fewer rooms beginning January 1, 2024
- ▶ Encourages use of bulk dispensers
- ▶ Hotels can still provide free personal care products to guests in small plastic bottles outside of the room upon request
- ▶ Preempts local regulations relating to personal care products in plastic bottles at lodging establishments adopted after January 1, 2020
- ▶ Status: Presented to Governor on 9/13

Assembly Bill 54: Bottle Bill Amendments to Address Closure of CRV Recycling Centers

- ▶ Temporary relief to address closure of rePlanet and other CRV recycling centers
- ▶ Would bring temporary relief to grocers from their consumer redemption duties and responsibilities due to the sudden closure of recycling centers across the state by suspending the fines assessed on grocers who are required to take back beverage containers in store
- ▶ Authorizes \$5 million in supplemental payments to recycling centers to prevent more closures
- ▶ Extends CalRecycle pilot project program to fund CRV redemption projects in unserved areas
- ▶ Authorizes CalRecycle to spend up to \$5 million to encourage more recycling centers
 - ▶ Local governments, non-profits, and others can apply for grants to expand recycling opportunities in areas severely impacted by the closure of recycling centers
- ▶ Status: Presented to the Governor on 9/20





Assembly Bill 1583: The California Recycling Market Development Act

- ▶ Extends the sunsets on the following two existing recycling incentive programs from 2021 to 2026:
 - ▶ The Recycling Market Development Zone:
 - ▶ Encourages California-based recycling businesses that reduce or recycle recovered waste materials
 - ▶ The California Alternative Energy and Transportation Financing Authority:
 - ▶ Provides financial assistance to local agencies in the form of sales and use tax exclusions for projects that promote California-based manufacturing, California-based jobs, advanced manufacturing, reduction of GHGs, or reduction in air and water pollution or energy consumption
- ▶ Establishes Statewide Commission on Recycling Markets and Curbside Recycling
- ▶ Eliminates requirement to include "chasing arrows" recycling symbol on plastic products
- ▶ Status: Presented to the Governor on 9/24

Senate Bill 8 & Assembly Bill 1718: Smoking Ban for State Parks and Beaches

- ▶ Would prohibit smoking and disposing of cigar/cigarette waste at state parks and beaches
- ▶ Violation would be punishable by a fine up to \$25
- ▶ In the past, these bills were vetoed by Governor Brown three times
- ▶ Status: Presented to the Governor on 9/18 and 9/19





Legislation Vetoed by the Governor



Senate Bill 232: Heavy Metal Limit in Recyclable Glass

- ▶ Would increase permissible heavy metal limit for recycled glass packaging to align with EU standards
- ▶ Purposes of Bill:
 - ▶ Incentivize domestic glass recycling
 - ▶ Increase international import of recycled glass containers
- ▶ Status: Governor Vetoed 9/27



Bills that did not pass out of the State Legislature

Assembly Bill 161	Assembly Bill 1080 & Senate Bill 54	Senate Bill 424	Senate Bill 667
Eliminating Paper Receipts	California Circular Economy and Plastic Pollution Reduction Act	Prohibition on Single-Use Tobacco Products	Investment Strategy for Organic Waste Recycling Infrastructure and Facilities
Would allow a business to provide a paper receipt to a customer only upon request	Would create a plan to reduce and recycle 75% of California's single-use plastics by 2030	Would prohibit single-use tobacco products and would require reusable components within tobacco products	Would create incentives and financing mechanisms for development of organic waste infrastructure
<i>This bill is expected to be debated again in the coming year</i>	<i>These bills are eligible to be considered next year</i>	<i>This bill remains in play as a two-year bill</i>	<i>This bill failed during the Committee process</i>

Assembly Bill 1509	Assembly Bill 655	Assembly Bill 470
Lithium-Ion Battery Recycling Program	Permit Renewals for Hazardous Waste Facilities	California Green Business Program
Would require manufacturers to provide convenient collection, transportation, and disposal of lithium-ion batteries	Would require expedited permit renewal if CalRecycle determines operations at hazardous waste facility have not changed since approval of the current permit	Would provide support and assistance to green business certification programs operated by local governments to certify small- and medium-sized businesses that voluntarily adopt environmentally preferable business practices
<i>This bill remains in play as a two-year bill</i>	<i>This bill failed during the Committee process</i>	<i>This bill failed during the Committee process</i>



Questions?