

KEEP YOUR **BUTTS OUT**
OF **OUR BAY** !

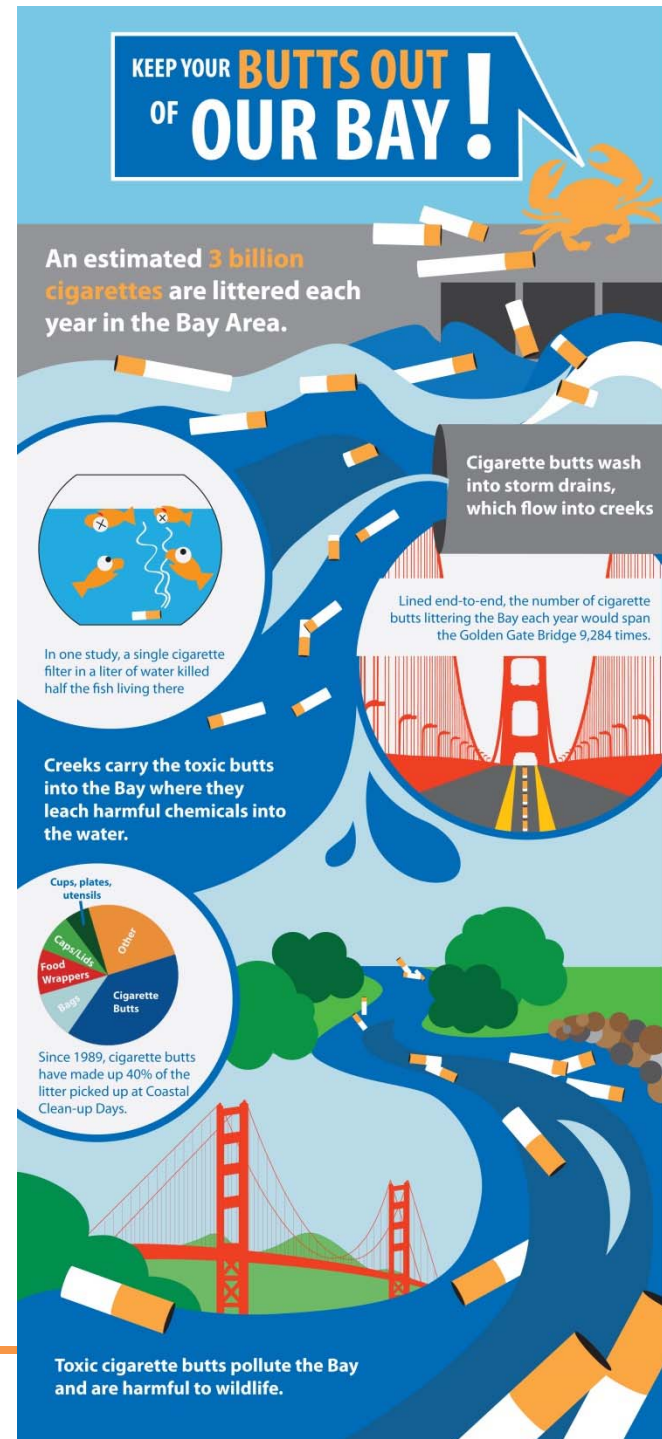
Allison Chan

Bay Smart Communities Program Manager
Save The Bay



Toxic Plastic Trash

- Cigarette butts: top litter item on Coastal Cleanup Day for 20 years
- Campaign goals:
 - Stop tobacco litter at the source
 - Prevent tobacco waste from flowing into storm drains & waterways



CIGARETTE BUTTS ARE TOXIC PLASTIC LITTER

ACETIC ACID
BUTANE
HEXAMINE
CARBON MONOXIDE
ARSENIC

In some birds, arsenic causes destruction of gut blood vessels, seizures, reproductive problems, blood cell damage and loss of muscular coordination.

TOLUENE
METHANOL

CHROMIUM

In invertebrates, like crabs, chromium delays growth and reduces the ability to reproduce.

NICOTINE
STEARIC ACID
AMMONIA

PLASTIC FILTERS ARE NOT BIODEGRADABLE

TAKE ACTION
www.savesfbay.org/buttfreebay



#BUTTFREEBAY



SAVE THE BAY

Limit outdoor smoking to keep butts out of the Bay

- 65% observed littering rate
- Protects people from secondhand smoke exposure
- Smoke-free commercial zones, bus stops, parks



San Mateo



- Save The Bay tobacco litter survey: 15 locations in May 2014
- November 2015: city banned smoking at parks, on city sidewalks, at bus stops, and other outdoor public spaces
- Follow-up survey in May 2016 to evaluate current levels of compliance

San Mateo

Summary of Results by Location Type		
	2014 total	2016 total
Recreation areas	912	1153
Bus stops	699	721
Sidewalks	612	772
Shopping centers	412	482
Total number of butts collected	2635	3056

Recommendations:

- Install visible nonsmoking signage where smoking is prohibited; emphasis on parks, bus stops, and along the downtown portion of B Street
- Collaborate with SamTrans, Caltrain to improve compliance in their jurisdictional areas
- Reach out to businesses and commercial landowners to encourage voluntary compliance within shopping centers

MUNICIPAL RECREATION AREA SMOKING POLICIES AND EAST BAY REGIONAL PARKS

EBRPD Ordinance 38 Sec. 404.2 states that smoking is only prohibited in certain areas during fire season

The majority of EBRPD parks and trails are within or border jurisdictions with 100% smoke-free policies in recreation areas

The American Lung Association (ALA) scores recreational smoking policies the following way: **4** – 100% smoke-free; **3** – Smoking prohibited except in designated areas; **2** – Smoking prohibited in some but not all recreation areas; **0** – No restrictions

PARK/TRAIL NAME	WITHIN or BORDERING JURISDICTION	ALA RECREATION SCORE	PARK/TRAIL NAME	WITHIN or BORDERING JURISDICTION	ALA RECREATION SCORE
Alameda Creek Trail	Fremont	4	Dublin Hills	Dublin	4
	Union City	4	Five Canyons	Fairview (Unincorp)	4
	Hayward	4		Unincorporated	4
Anthony Chabot	Castro Valley (Unincorp)	4	Garin/Dry Creek Pioneer	Hayward	4
Antioch Oakley Shoreline	Antioch	0	Hayward Shoreline	Hayward	4
	Oakley	4	Huckleberry Botanic	Unincorporated	4
Ardenwood	Fremont	4	Kennedy Grove	Unincorporated	4
Bay Point Shoreline	Bay Point (Unincorp)	4	Lafayette Moraga Trail	Lafayette	4
Big Break Shoreline	Oakley	4		Moraga	4
Bishop Ranch	San Ramon	4	Las Trampas	Alamo (Unincorp)	4
Black Diamond Mines	Antioch	0		Unincorporated	4
Botanic Garden	Berkeley	4	Leona Canyon	Oakland	4
Briones	Lafayette	4	Marsh Creek Trail	Oakley	4
	Martinez	4		Brentwood	0
	Unincorporated	4	Martin Luther King Jr.	Oakland	4
Brushy Peak	Livermore	2	Martinez Shoreline	Martinez	4
	Unincorporated	4	Miller Knox	Richmond	4
Carquinez Shoreline	Martinez	4	Mission Peak	Fremont	4
Castle Rock	Walnut Creek	4	Morgan Territory	Unincorporated	4
	Unincorporated	4	Oyster Bay	San Leandro	4
Claremont Canyon	Berkeley	4	Pleasanton Ridge	Pleasanton	4
	Unincorporated	4		Sunol	4
Contra Costa Canal Trail	Concord	2	Point Isabel	Richmond	4
	Walnut Creek	4	Point Pinole	Richmond	4
	Pleasant Hill	4	Quarry Lakes	Fremont	4
Contra Loma	Antioch	0	Redwood	Oakland	4
Coyote Hills	Fremont	4	Roberts	Oakland	4
Crockett Hills	Crocket (Unincorp)	4	Round Valley	Unincorporated	4
	Unincorporated	4	Shadow Cliffs	Pleasanton	4
Crown Memorial	Alameda	4	Sibley	Oakland	4
Cull Canyon	Castro Valley (Unincorp)	4		Unincorporated	4
Delta Anza Trail	Pittsburg	4	Sobrante Ridge	Richmond	4
	Antioch	0	Sunol Ridge	Unincorporated	4
	Brentwood	0	Sycamore Valley	Danville	4
	Oakley	4	Temescal	Oakland	4
Del Valle	Unincorporated	4	Tilden	Orinda	2
Diablo Foothills	Walnut Creek	4		Unincorporated	4
	Unincorporated	4	Waterbird	Vine Hill (Unincorp)	4
Don Castro	Castro Valley (Unincorp)	4	Wildcat	Richmond	4

East Bay Regional Park District

- Board of Directors finally adopted a smoking ban in April 2016
- Policy includes an exemption to allow smoking at campsites
- Board of Directors were willing to revisit policy after one year; no change to date



San Francisco



- San Francisco Dept of the Environment & Surfrider pilot program
 - Started July 1, 2017
 - 40 receptacles in the Sunset & Richmond districts
 - Collected 50K+ butts so far
 - December 2017 audit of four locations: 60% overall decrease in butt litter in areas with receptacles

San Francisco

- Union Square BID installed 10 TerraCycle cigarette butt receptacles in August 2016
 - 7 month pilot to deal with cigarette litter problem in Union Square
 - No observational evidence that receptacles led to an increase in smoking
 - Decrease in litter: “night and day”
 - Decrease in labor time and cost for maintenance contractor



Thank You!



allison@savesfbay.org
(510) 463-6818

Photo by Jason Leifester