

# SAN MATEO MIDCOAST WATER QUALITY UPDATE

Midcoast Community Council Meeting  
April 25th, 2018



SAN MATEO  
RESOURCE  
CONSERVATION  
DISTRICT

# Resource Conservation District (RCD)

- Formed in 1939 in partnership w/ USDA
- Non-regulatory



Water



Climate



Wildlife



Agriculture

# RCD Water Quality Programs

## Citizen Science

- First Flush
- Snapshot Day

## Bacteria & Beach Water Quality

- Pillar Point Harbor
- San Pedro Creek & Pacifica State Beach
- San Vicente Creek & Fitzgerald Marine Reserve



# Coastside 1 Water



Sewer Authority Mid-Coastside

**SAM**



**Montara Water and Sanitary District**





# Citizen Science

- Annual volunteer water sampling of creeks and storm drains flowing to Monterey Bay Sanctuary
- Many years, pollutants, and sample sites
- First Flush- first big rain of season
- Snapshot Day-first Saturday in May



## Find out what is in your watershed.

Become a citizen scientist and learn about the health of streams in your backyard. Collect important water quality data and take action to protect water resources for people, plants and animals. This event is open to all ages and experience levels.

*Sign up now!*

Training → April 28<sup>th</sup> at 1 pm  
504 Ave Alhambra, El Granada (GCSD Meeting Room - 3<sup>rd</sup> Floor)

# First Flush Data

<b>Pollutant</b>	<b>% of samples over thresholds (2008-2017)</b>	<b>Locations of Concern</b>
Bacteria	98%	Capistrano Street, Surfers South
Orthophosphate	72%	West Point, El Granada Ditch
Copper	55%	West Point, Vassar
Zinc	30%	West Point, Vassar
Lead, Nitrate, TSS	0%	NA



# Bacteria & Beach Water Quality

- ▣ Pillar Point Harbor, San Vicente Creek, and San Pedro Creek
- ▣ Fecal indicator bacteria->pathogens->human health impacts





# Remediation Efforts

- ▣ Identify potential sources of bacteria ->birds, dogs, humans, horses, wildlife etc
- ▣ Education/Outreach
  - Coastside 1 Water-Pacific Coast Dream Machines: April 29<sup>th</sup>
  - Oceans Week Dog Waste Clean-Up: May 19<sup>th</sup>
- ▣ Management Measures: dog waste stations, green infrastructure, horse facility runoff, cleaning and repairing sewer and stormwater systems etc



## Community curbs pet waste

Clean up effort yields 40 pounds of dog poop

By Sara Hayden Nov 8, 2017 3



# What Can You Do?





Thank you!

Questions?



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