SAN MATEO MIDCOAST WATER QUALITY UPDATE

Midcoast Community Council Meeting April 25th, 2018





Resource Conservation District (RCD)

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





RCD Water Quality Programs

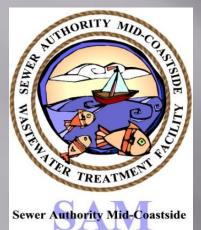
- Citizen ScienceFirst Flush
- Snapshot Day



Bacteria & Beach Water Quality

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

Coastside 1 Water



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OFFICE OF SUSTAINABILITY COUNTY OF SAN MATEO



Montara Water and Sanitary District

SAN MATED COUNTYWIDE Water Pollution Prevention Program



COASTS,





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

19TH ANNUAL SATURDAY, MAY 5, 2018

Find out what is in your watershed.

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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 28th at 1 pm 504 Ave Alhambra, El Granada (GCSD Meeting Room - 3rd Floor)

First Flush Data

Pollutant	% of samples over thresholds (2008-2017)	Locations of Concern
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 29th
- Oceans Week Dog Waste Clean-Up: May 19th

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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