



San Francisco Estuary Institute



We deliver visionary science that
empowers people to revitalize
nature in our communities

- Clean Water
- Resilient Landscapes
- Environmental Informatics

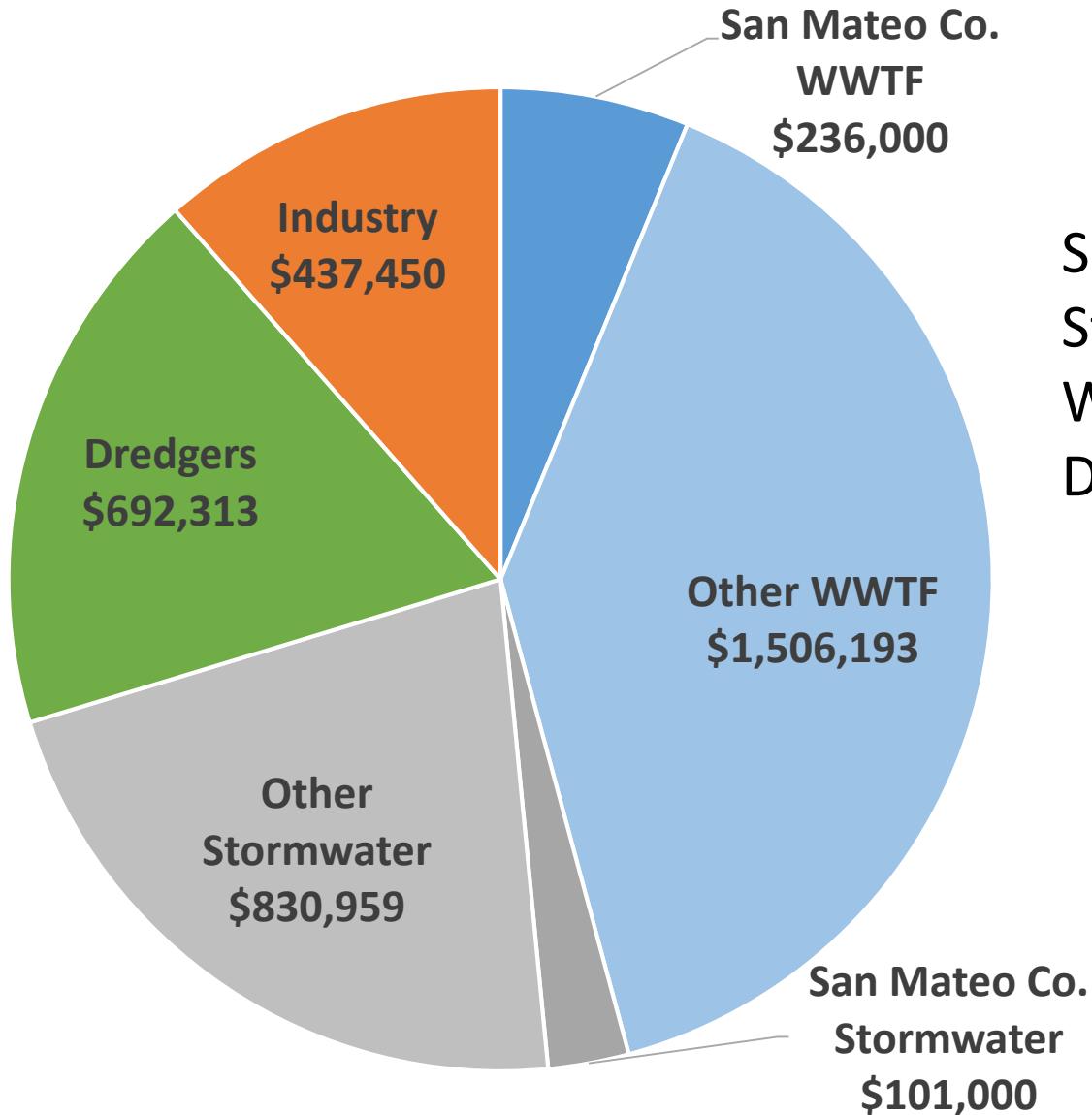
Regional Monitoring Program

Collect data and communicate information about water quality in San Francisco Bay in support of management decisions

~ 68 entities in the Program

- Municipal wastewater
- Industrial wastewater
- Municipal stormwater
- Dredgers

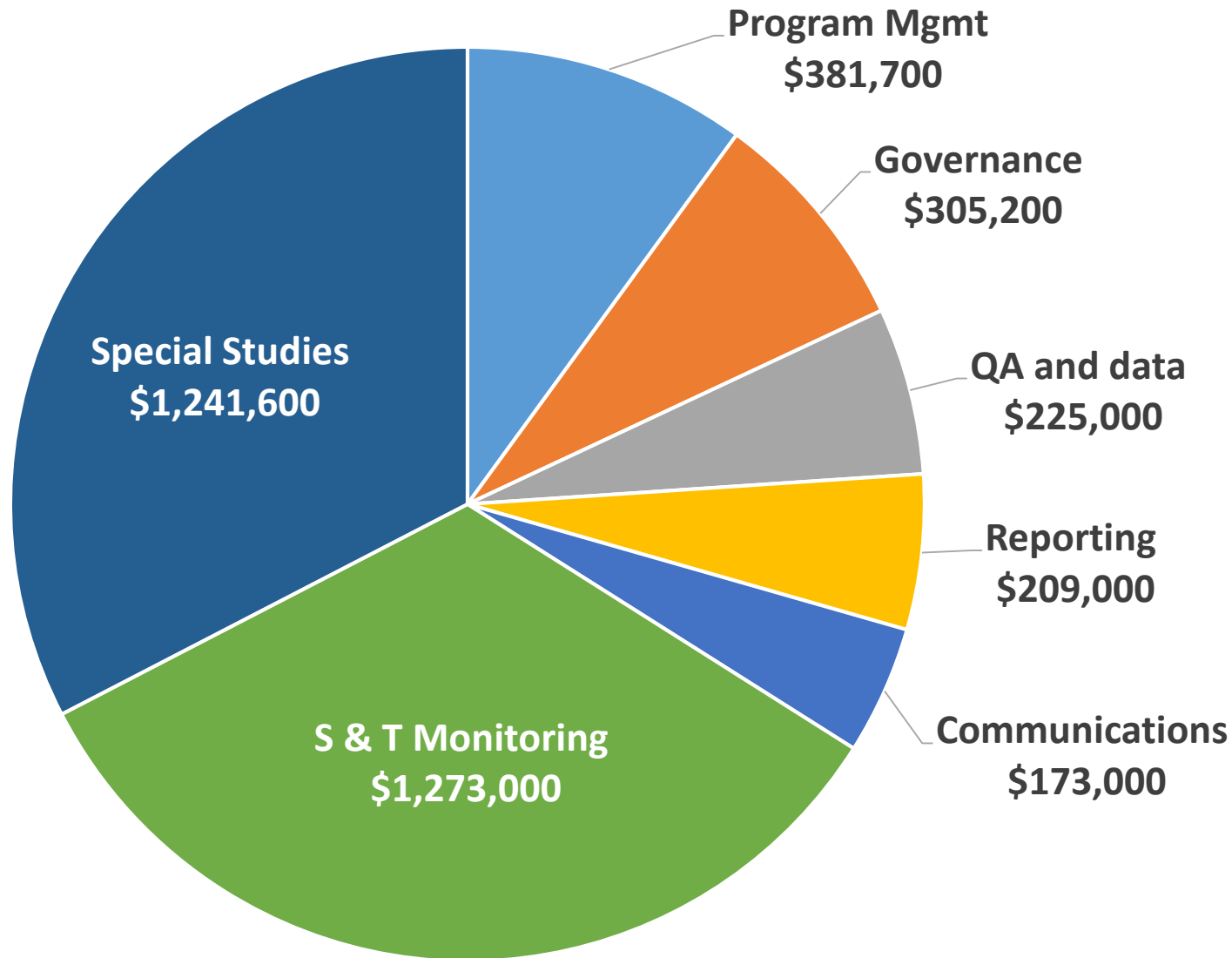
RMP Contributions - 2020









San Mateo Co. Contributions
Stormwater - \$101k (11%)
Wastewater - \$236k (13%)
Dredgers - variable



RMP Budget 2020

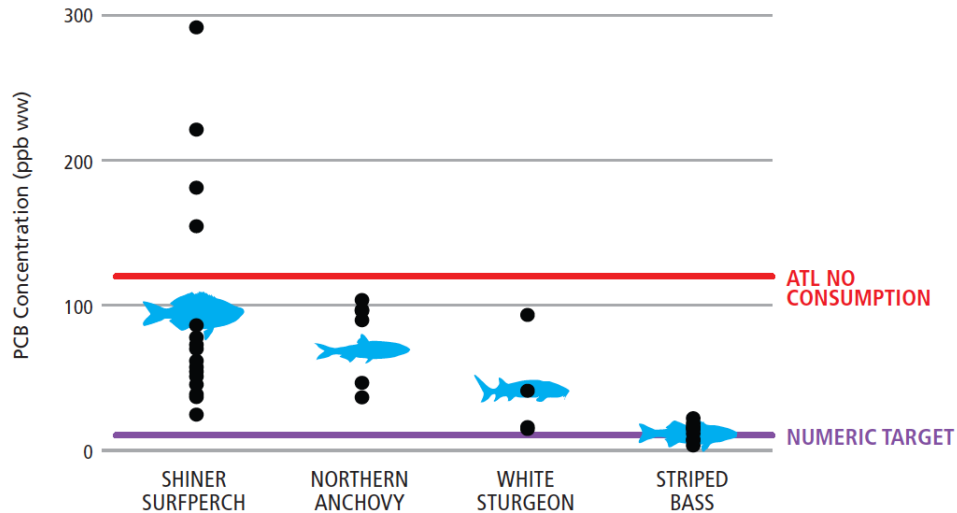


Status of the Bay

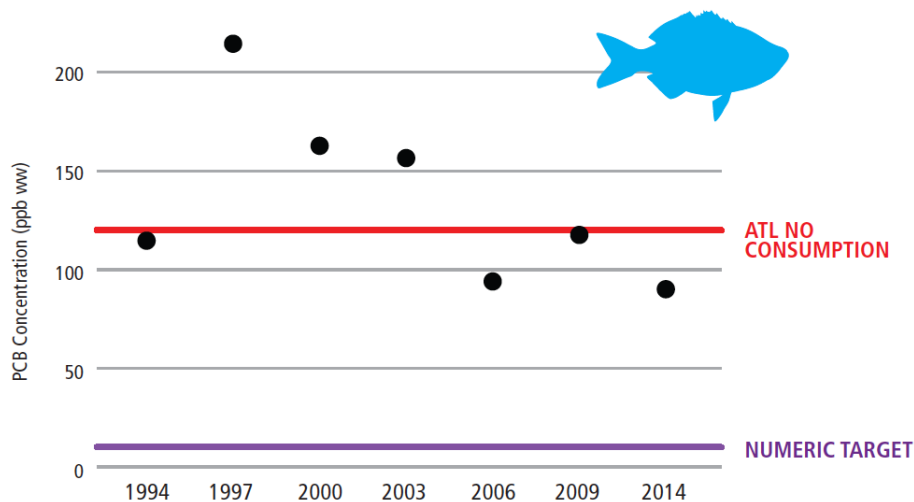
WATER		BAY		DELTA	
		STATUS	TREND	STATUS	TREND
	SAFE FOR SWIMMING	GOOD			
	SAFE FOR AQUATIC LIFE	ESTUARY - WIDE		FAIR	
	FISH SAFE TO EAT	ESTUARY - WIDE		FAIR	



PCBs in Sport Fish

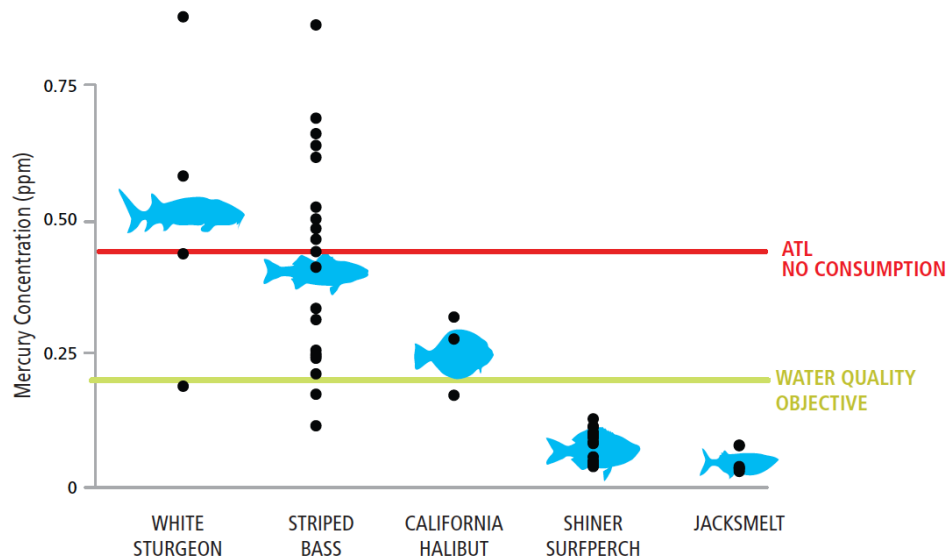


Status (2014)

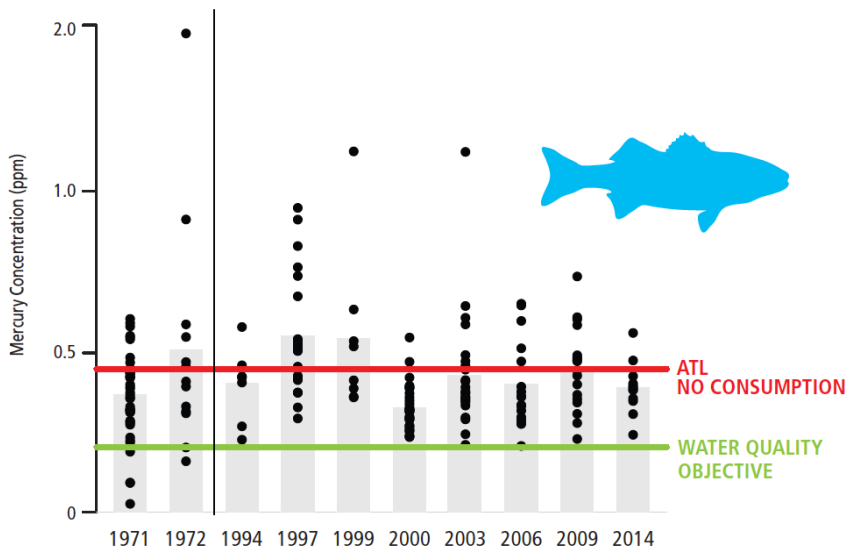


No trend: 1994-2014

Mercury in Sport Fish

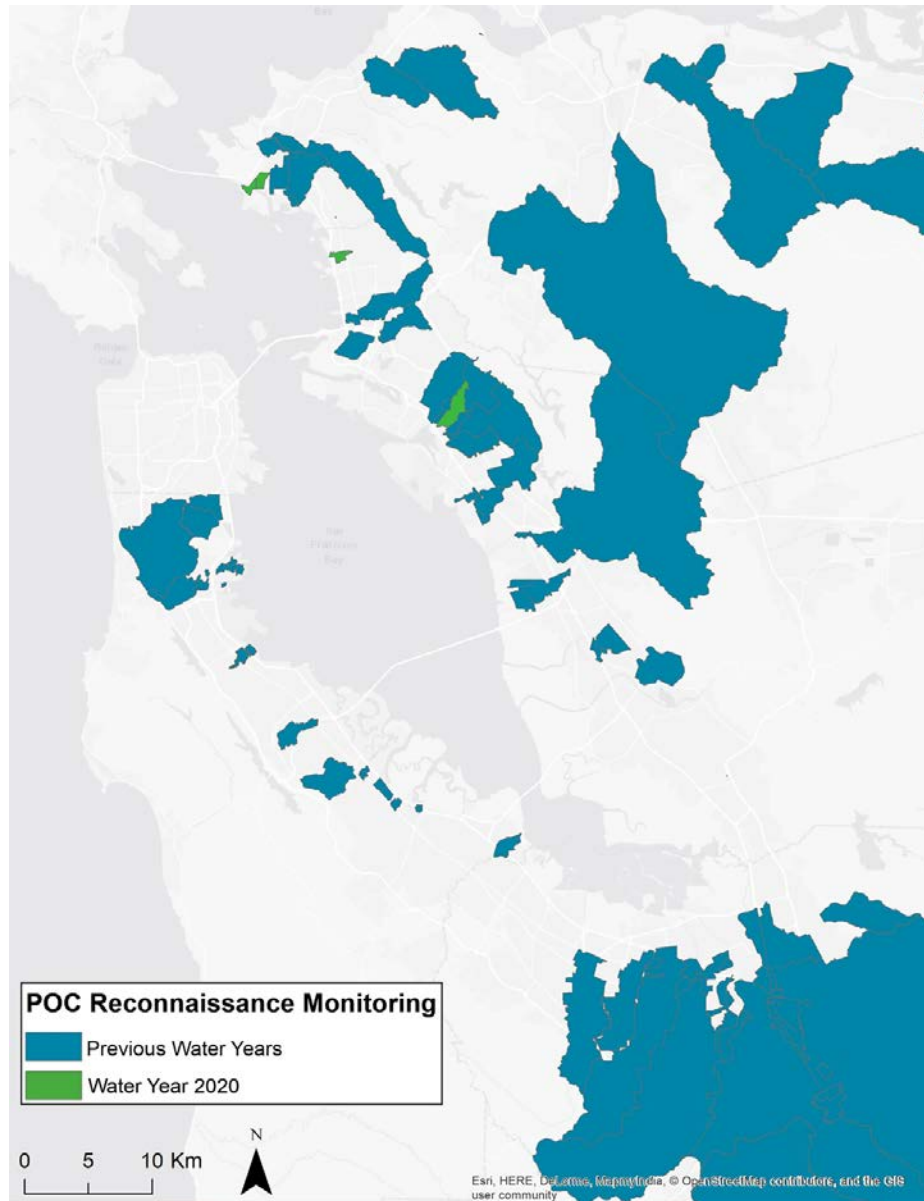


Status (2014)



No trend: 1971-2014

Stormwater Monitoring

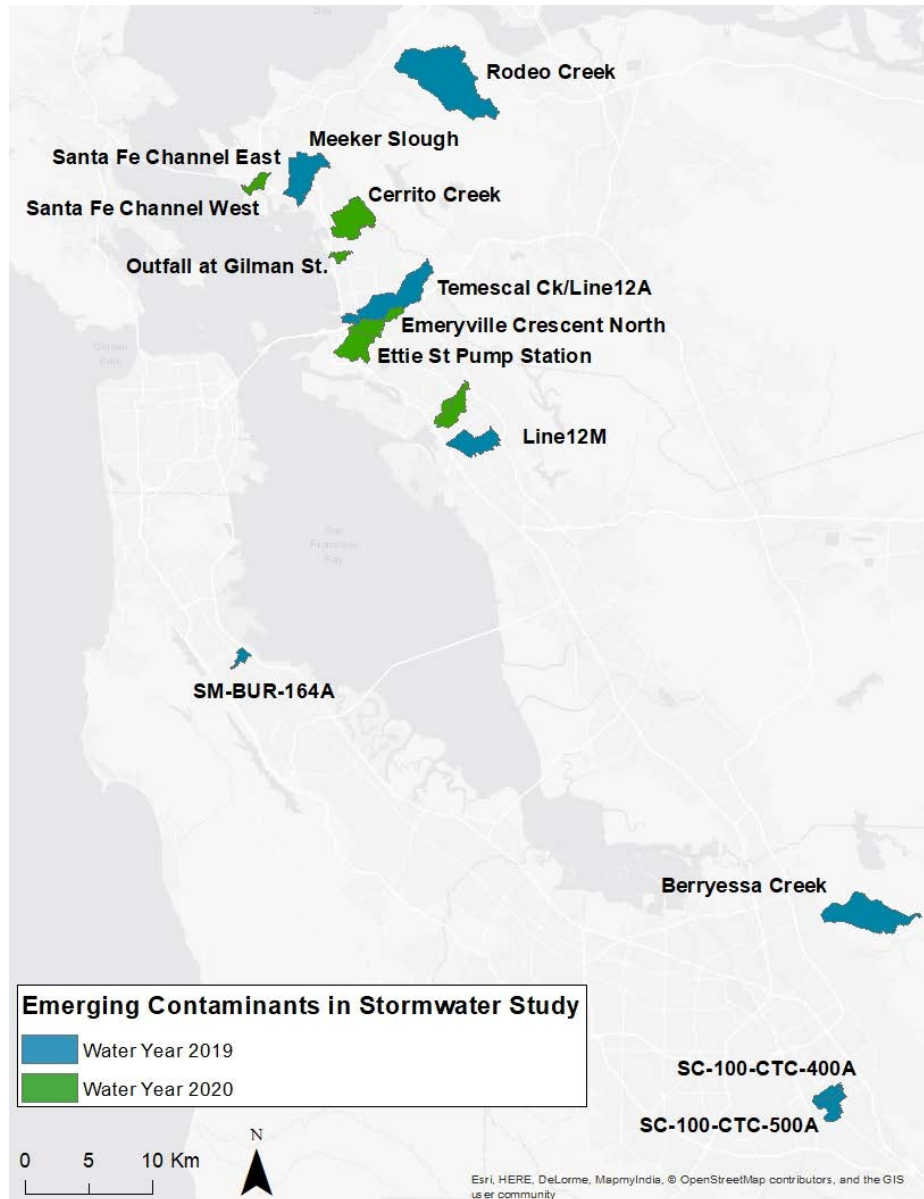


Pollutants of concern Recon Monitoring

> 80 sites sampled since 2015

12 sites > 500 ng/g PCBs
7 sites in San Mateo Co.

Stormwater Monitoring



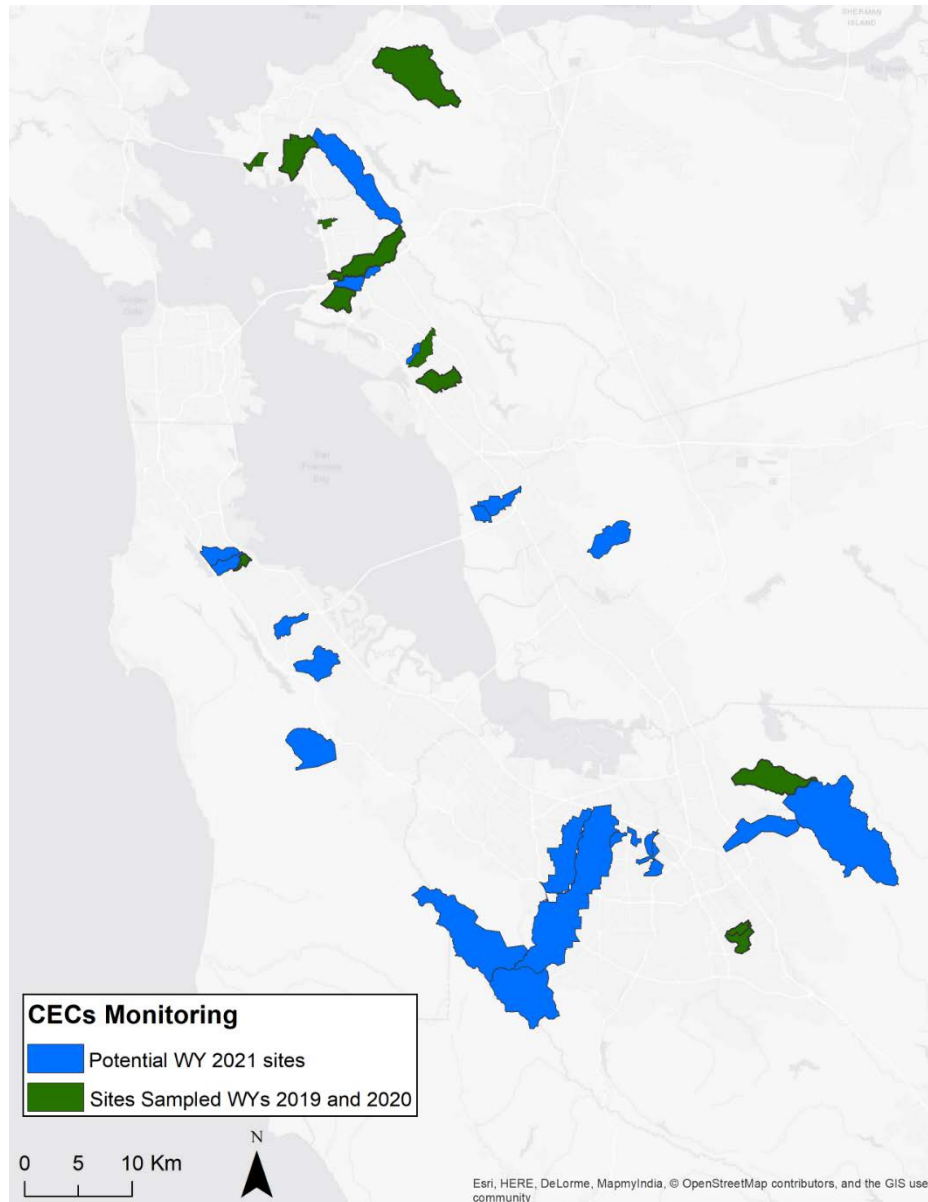
Emerging Contaminants

3-yr Characterization Study

- Phosphate flame retardants
- PFAS
- Ethox surfactants
- Stormwater CECs

17 sites monitored WY19 & 20

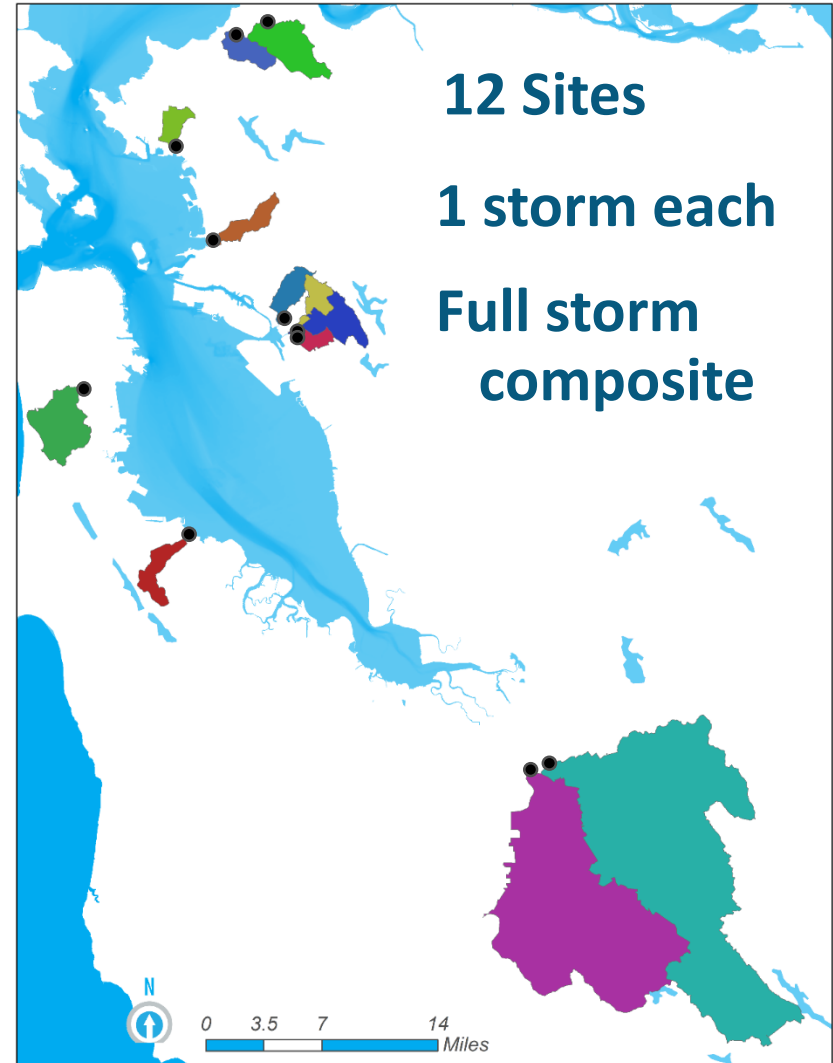
Stormwater Monitoring



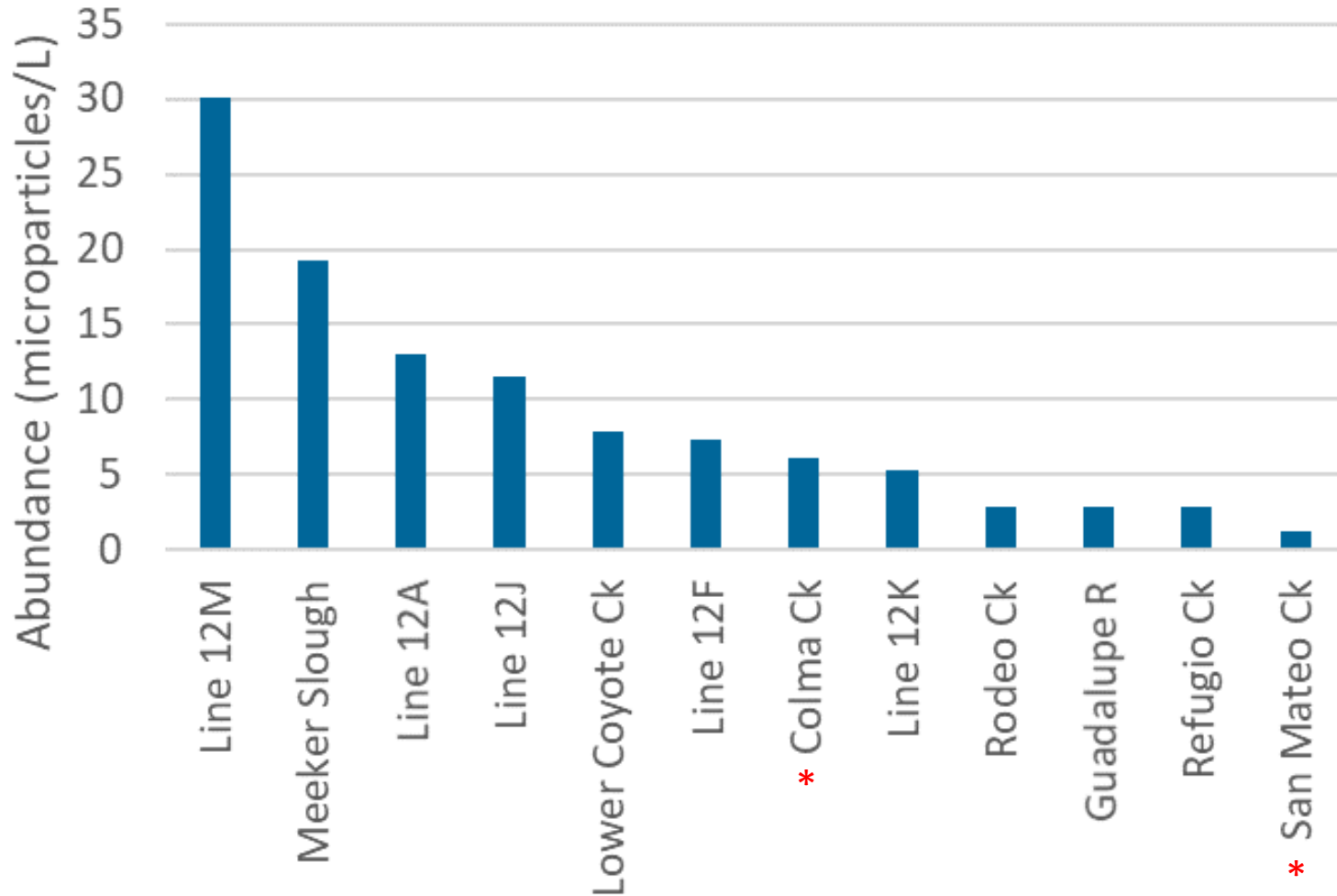
Planning for WY2021
- Five sites in San Mateo Co.



Microplastics

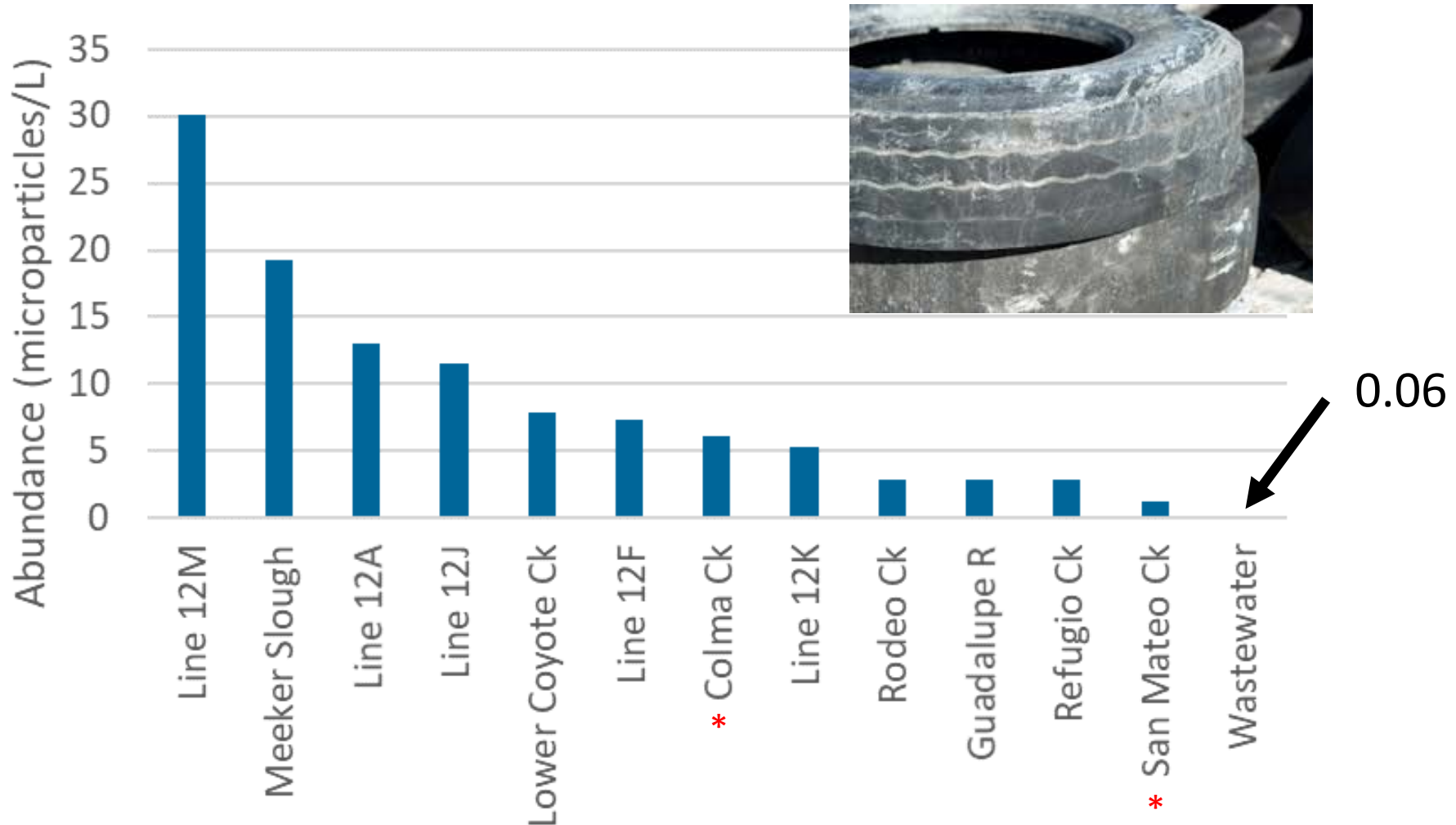


Microparticles in Stormwater



Microparticles in Stormwater

Stormwater > 300x higher than wastewater



For More Information

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