



**SURFRIDER
FOUNDATION**



**BLUE WATER
TASK FORCE**

Who is Surfrider?

The Surfrider Foundation is a non-profit grassroots organization dedicated to the protection and enjoyment of our world's ocean, waves and beaches.

We maintain a large network of volunteer chapters supported at the national level with policy, legal & science experts

OUR CHAPTER NETWORK



10 Regions

84 Chapters

50 Academic Clubs



Blue Water Task Force

The Surfrider Foundation's volunteer-run, water quality monitoring, education and advocacy program.



Blue Water Task Force

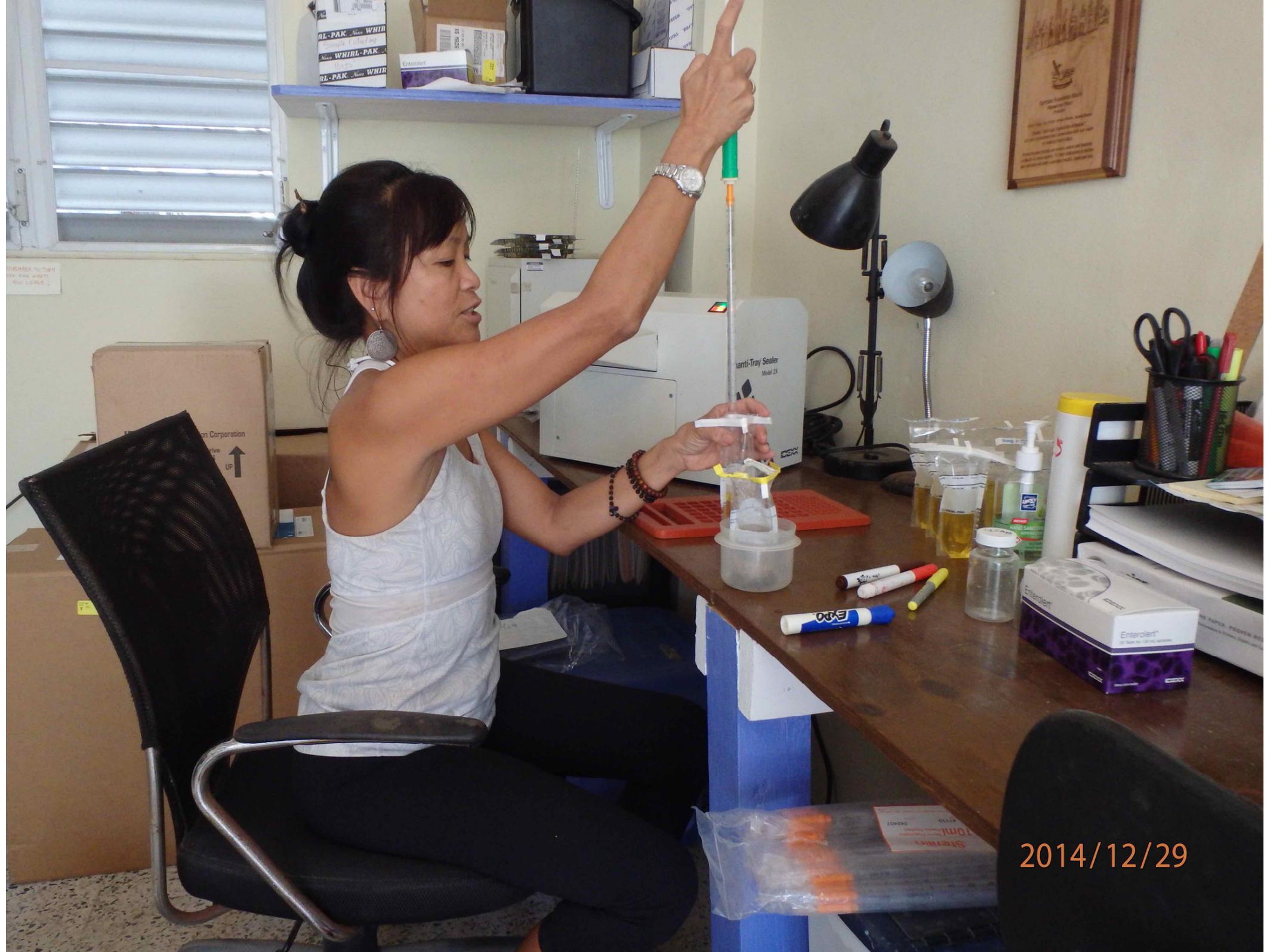
- Test ocean & bay beaches and freshwater sources
 - Creek & river mouths
 - Stormwater discharge
 - Upper watershed sites
- Sites tested fill in data gaps, cover popular surf spots, or sources of pollution
- Enterococcus Bacteria – IDEXX Enterolert Quanti-Tray Methodology
- Site maps & data posted online.





BWTF Labs

- Chapter maintained labs often using borrowed space from local partners
 - Other local env groups, aquariums, universities
- Collect samples for partner organizations & help communicate data
 - State & local beach programs, & other watershed groups
- School & youth programs



2014/12/29



Quanti-Tray[®] Sealer
Model 2X

Lab Tech to-do list

- ✓ 7:30 - 8:30 AM: Prep for the day
- ✓ 8:30 - 9:30 AM: Check in with supervisor
- ✓ 9:30 - 10:30 AM: Run tests
- ✓ 10:30 - 11:30 AM: Clean up
- ✓ 11:30 - 12:30 PM: Lunch
- ✓ 12:30 - 1:30 PM: Run tests
- ✓ 1:30 - 2:30 PM: Clean up
- ✓ 2:30 - 3:30 PM: Run tests
- ✓ 3:30 - 4:30 PM: Clean up
- ✓ 4:30 - 5:30 PM: Run tests
- ✓ 5:30 - 6:30 PM: Clean up

"They underestimated me"
- George W. Bush

"Each and every one of us has a gift and it is up to us to use it."

Sterilite

2

FLY FREE

holiday
wish
G
joy

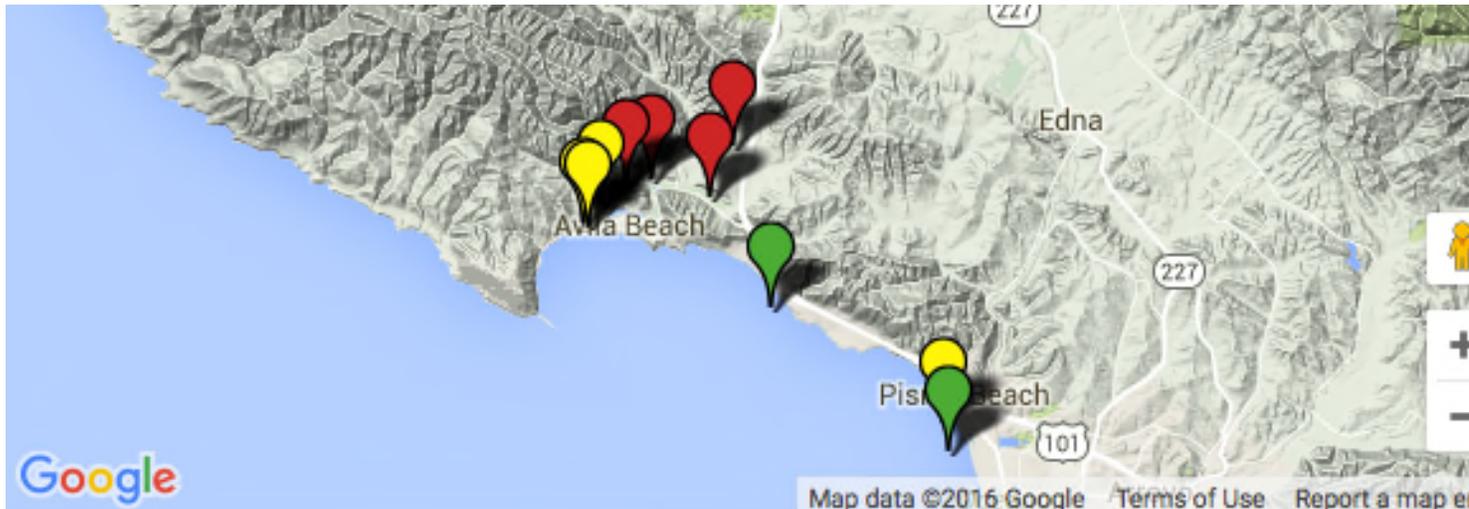
bring people together.

Ente
IDEXX





Easy to Share Data from BWTF website



SHARE

LOCAL INFORMATION



Sample Site	Test Date	Entero	Indication of
Avila Pier	03/31/16	51	Medium Bacteria
San Luis Creek Mouth	03/31/16	85	Medium Bacteria
San Luis Obispo Creek #3	03/31/16	165	High Bacteria
San Luis Obispo Creek at San Luis Bay Dr. #2	03/31/16	426	High Bacteria
San Luis Obispo Creek Estuary	03/31/16	85	Medium Bacteria
Sewers	03/31/16	20	Low Bacteria
Pismo Beach, Estuary	03/24/16	72	Medium Bacteria
Pismo Beach, Ocean	03/24/16	0	Low Bacteria

<http://www.surfrider.org/blue-water-task-force>

Surfrider Foundation's Blue Water Task Force

Bringing together coastal communities
to protect clean water



Northwest Straits Chapter

- Lab at Western Washington University
- WA BEACH Program
- High bacteria counts @ Larrabee State Park
- Whatcom County DOH found & fixed septics





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NORTHWEST STRAITS CHAPTER

Ask us about
water quality!

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A Guide to
Healthy Swimming
in Salween Bay

Secure your Boat!

Help keep
wildlife
wild!

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NORTHWEST STRAITS CHAPTER

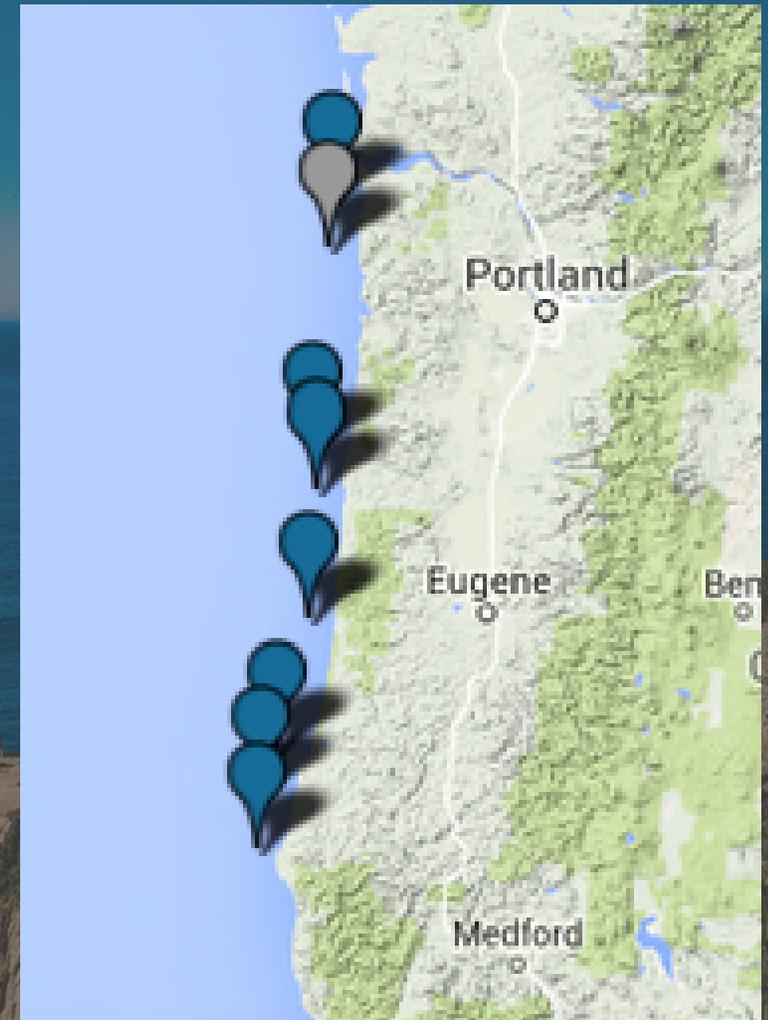
Wild Cat Cove, Larrabee State Park

- Stream survey found raccoon latrine site
- Targeted camper education program
- Scoop the poop & stream fencing



Surfrider Oregon

- 7 BWTF labs
- Year-round testing
- OR DEQ Beach Program
- City & community partners
- Advocate for funding
- Midcoast TMDL
- Public outreach
 - BAVs & WQ stds



Newport, Oregon

- Lab at Oregon Coast Aquarium
- BWTF High Bacteria Counts at Nye Creek & Nye Beach
- City posted signs & State started testing



Newport, Oregon

- Smoke tests revealed sewer misconnects
- Wetland restoration projects
- Stormwater utility established & stormwater BMPs codified by City
- Bacteria levels improved at Nye Beach & Creek

2015 Bacteria Levels Increase

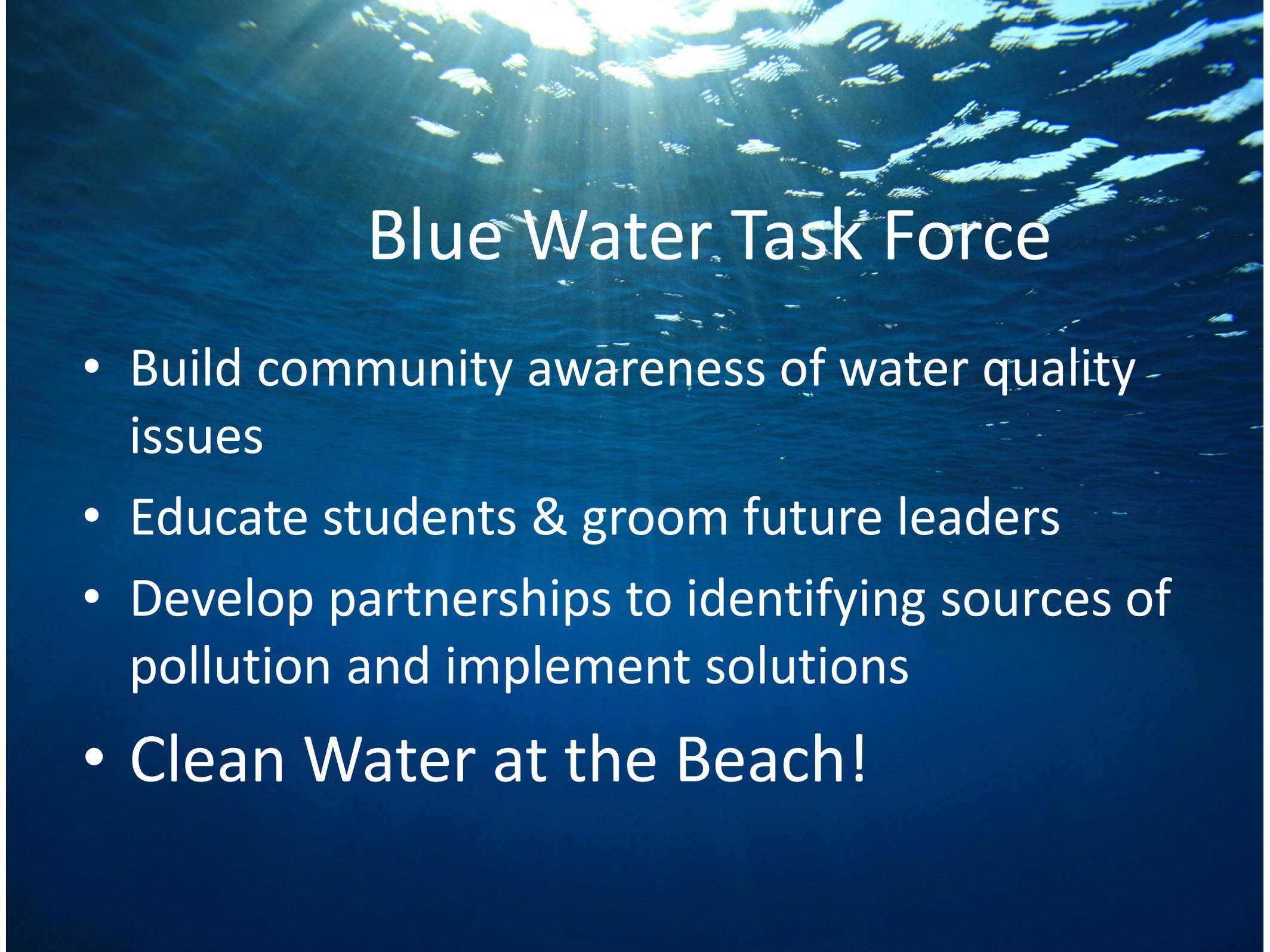
- DEQ & Surfrider data confirm problems
- City prompted study to sample upstream in creek and stormwater system



Blue Water Scholar

- Surfrider, Oregon Coast Aquarium, City of Newport & Oregon Community Foundation



The background of the slide is an underwater photograph showing sunlight filtering through the surface of the water, creating a shimmering, dappled light effect on the deep blue water below.

Blue Water Task Force

- Build community awareness of water quality issues
- Educate students & groom future leaders
- Develop partnerships to identifying sources of pollution and implement solutions
- Clean Water at the Beach!

Thank you!

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