

Why SB1589 is necessary

Preserve the Willamette River Greenway

Protects:

Critical shoreline habitat
State Land and Property

Complies with:

Endangered Species Act
Clean Water Act

Keeps boating and river recreation safe

Opens pathways for tourism dollars

**Ensures boating is sustainable now and
for future generations**



IN THE CAMPAIGN OF MISINFORMATION...

“TUBING SEASON CANCELLED!”

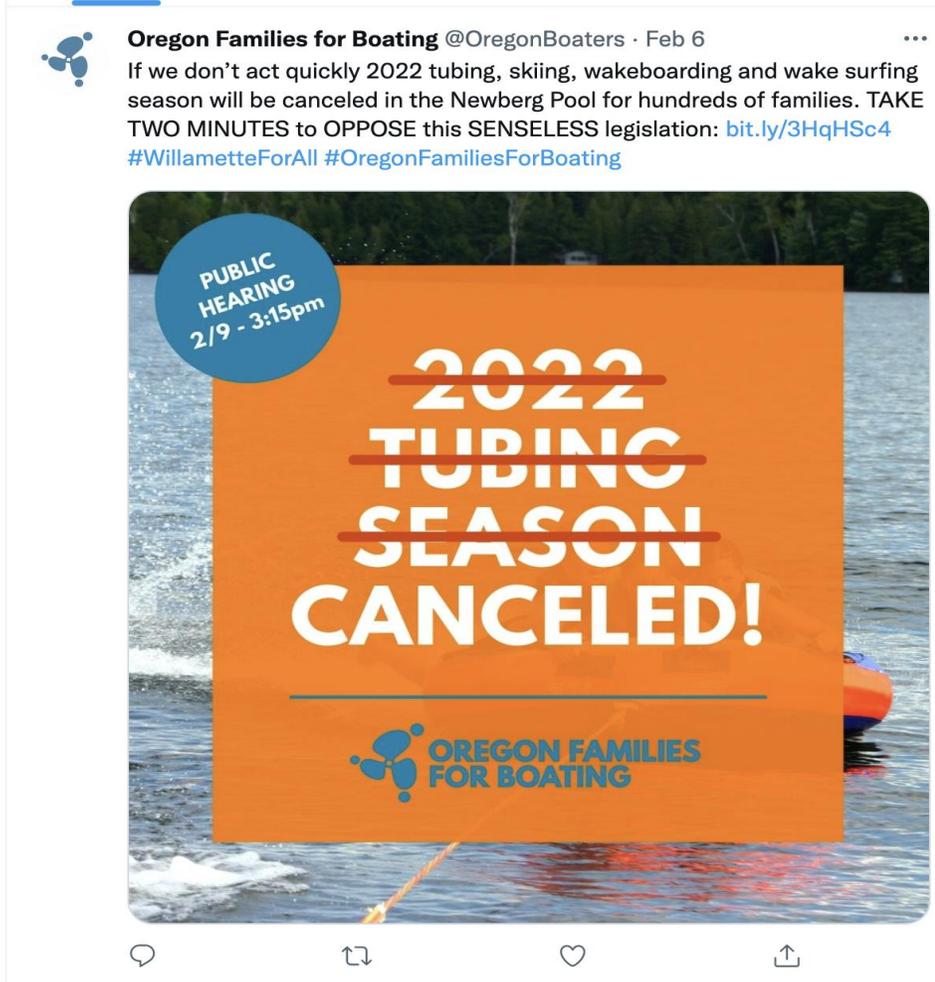
“Stop legislation to BAN WILLAMETTE RIVER BOATING”

“Self serving homeowners special interest groups, pushing policy to BAN TOWED WATERSPORTS”

“useless regulations that will BAN TOWED WATERSPORTS”

“Special interest groups restricting waterways”

“THERE IS NO EMPIRICAL EVIDENCE!”



Science states 500' from the shore (1000') is necessary for wakes to equal the wake energy of a ski boat at 100 feet. The Newberg Pool has an average span of just 580 wide and does not have ample width to allow for the dissipation of the wake's massive amount of energy before impacting the shoreline.





- The May 1, 2021, **closure of nearly 4 miles** of the **Lower Willamette** to ALL towed watersports pushes more users to the Newberg Pool which,
- *Is **less than half the width** (580' vs 1500')*
 - *Has **vertical soft silt embankments** (vs. the Lower Rivers's gradual rocky shoreline)*
 - *Is not tidal (all **wakes hit the same spot, all season long**)*
 - *Has **no space** for wakes to **dissipate***
 - ***Is suffering serious erosion***

EROSION AT WAKE HEIGHT. NOT THE HIGH-WATER MARK

5



**UNDEVELOPED BANKS
COLLAPSE IN THE SUMMER
RESULTING SUSPENDED SEDIMENT
CAUSES TURBIDITY**

THE WILLAMETTE RIVER IS DEEP. WAVES HAVE LITTLE RESISTANCE BEFORE HITTING THE SHORELINE
WSIA STUDY – **“DEEP NARROW WATERWAYS WOULD BENEFIT FROM A NO WAKE ZONE”** – CLIFFORD GOUDY

“WAVES GENERATED BY THESE BOATS ARE TOTALLY UNAFFECTED BY THE RIVERBED.”
Dr. Gregor MacFarlane, Australian Maritime College, University of Tasmania



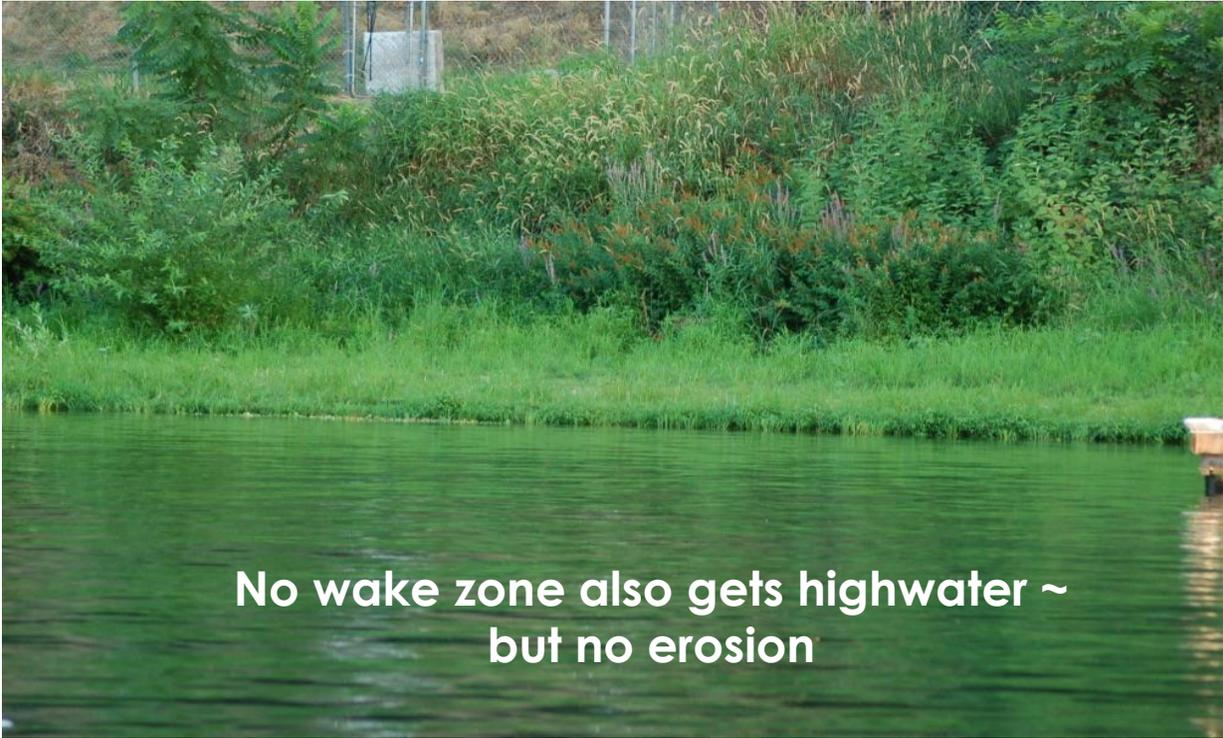
**This is SUMMER UNDERCUTTING ~
causing embankments to collapse**

“Changes caused by nature are very minor in comparison to the effect of many waves in a single day, that is a very significant component.”

Dr. Pedro Lomonaco, Ph.D., Oregon State University Director O.H. Hinsdale Wave Institute

NO WAKE ZONE

WAKE ZONE



No wake zone also gets highwater ~
but no erosion



Unprecedented summer erosion
with vegetation visible in the water

In an email, Dr. Desiree Tullos, Ph.D., P.E. D.WRE, M.ASCE,
Assoc. Professor Biological & Ecological Engineering, OSU
Professor - River Morphology and Restoration, Stated:

“Key findings from literature review

1) Waves from recreational boats produce streambank erosion.

The literature is rich with examples demonstrating the effects of motorized boats on streambank erosion (See USGS 1997 and Asplund 2000 for review)”

Supporters of SB1589



- Oregon League of Conservation Voters
- Oregon Conservation Network
- The Native Fish Society
- Willamette Riverkeeper
- Conservation Angler
- Oregon River Safety and Preservation Alliance
- 1000 Friends of Oregon
- Friends of Historic Butteville
- Trout Unlimited
- Urban Green Spaces
- Water Watch
- Willamette Greenway Alliance
- Human Access Project

“Because the river’s flow is controlled, it significantly reduces the velocity of the river. Therefore, **changes caused by nature are very minor.**”

*Dr. Pedro Lomonaco, Director,
O.H. Hinsdale Wave Laboratory
Oregon State University*

