

# Microplastics in Oregon

Celeste Meiffren-Swango, State Director



Photo: Raed Mansour via Wikimedia Commons

# There's no escape from plastic

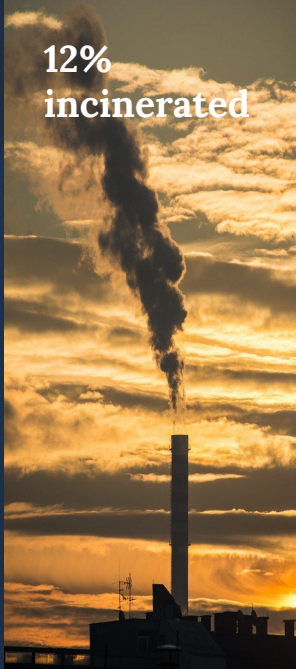


# WHERE PLASTIC ENDS UP

9%  
recycled



12%  
incinerated



79% landfilled  
and in the  
natural  
environment





# COASTAL IMPACTS



*Photo: Amelia Vaughan, Beverly Beach State Park*



*Photo: USFWS*



*Photo: Kristal Talbot*





*Photos: Charlie Plybon*

# FRESHWATER IMPACTS



*Photos: Willamette Riverkeeper*



# MICROPLASTICS



*Photo: Shutterstock*

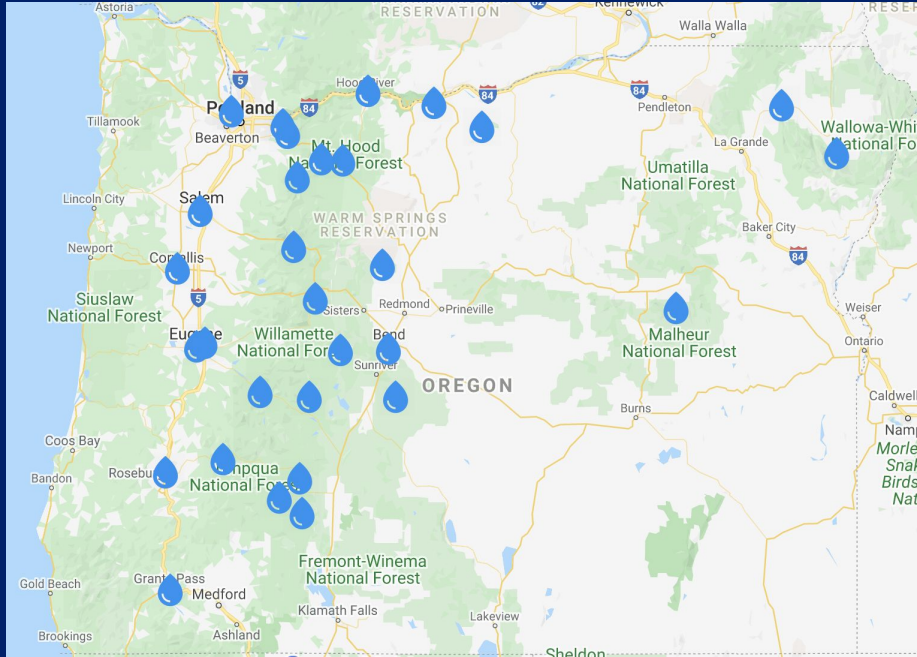


*Photo: Soren Funk*



*Photo: Surfrider*

# "MICROPLASTICS IN OREGON" REPORT



## Microplastics in Oregon

A survey of waterways











# RESULTS

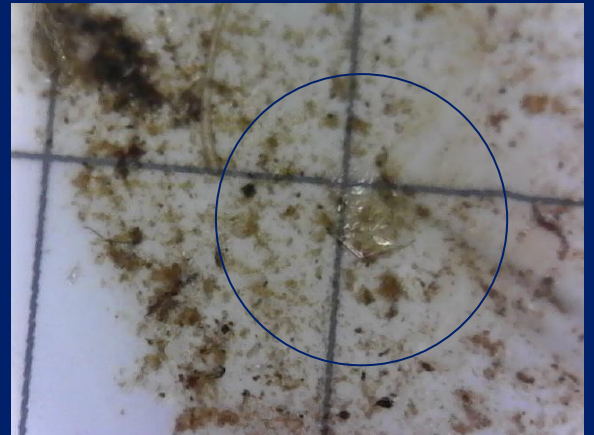
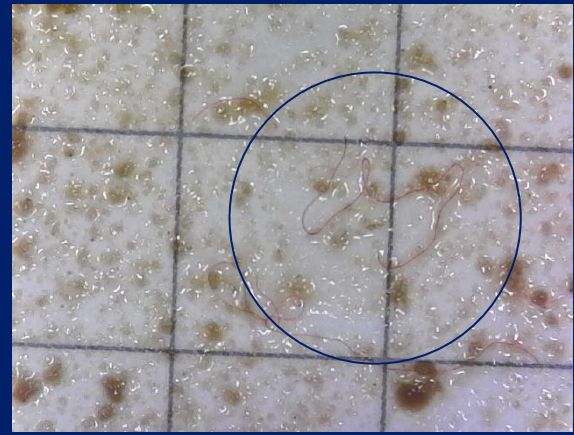
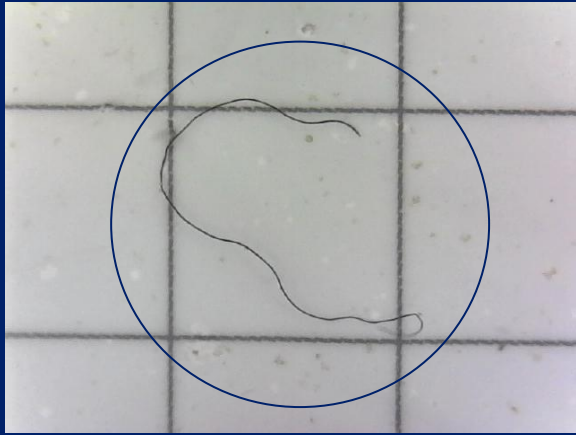
- Of the 30 sites tested, 30 (100%) contained one or more types of microplastic.
- 30 sites (100%) contained fibers; six sites (20%) contained fragments; 1 (3%) contained film. Microbeads were not found at any site.

Type of Site	Access Site Name	Waterbody	Microplastic Present?	Observed Microplastic Types			
				Fiber	Fragment	Film	Microbead
Scenic Lake	Crater Lake		Yes	•			
	Wallowa Lake		Yes	•			
	Trillium Lake		Yes	•	•		
	Waldo Lake		Yes	•			
	Paulina Lake		Yes	•	•		
	Detroit Lake		Yes	•			
	Lake Billy Chinook		Yes	•			
	Strawberry Lake		Yes	•			
	Devil's Lake		Yes	•	•		
	Diamond Lake		Yes	•			
	Clear Lake		Yes	•			



Type of Site	Access Site Name	Waterbody	Microplastic Present?	Observed Microplastic Types			
				Fiber	Fragment	Film	Microbead
Wild and Scenic River	Salmon River Trailhead	Salmon River	Yes	•			
	Deschutes River State Recreation Area	Deschutes River	Yes	•	•		
	Dodge Park	Bull Run River	Yes	•	•		
	Cottonwood Canyon State Park	John Day River	Yes	•			
	Fall Creek Falls Trailhead	North Umpqua River	Yes	•			
	Upper Rouge River Trail	Rouge River	Yes	•			
	North Fork of the Middle Fork Willamette	Willamette River	Yes	•			
	Minam State Recreation Area	Wallowa River	Yes	•			
	Oxbow Regional Park	Sandy River	Yes	•			
	Fish Creek Trailhead	Clackamas River	Yes	•			

Type of Site	Access Site Name	Waterbody	Microplastic Present?	Observed Microplastic Types			
				Fiber	Fragment	Film	Microbead
Urban Waterway	Cathedral Park	Willamette River	Yes	•			
	Salem		Yes	•			
	Corvallis		Yes	•			
	Eugene		Yes	•			
	Springfield	McKenzie River	Yes	•			
	Downtown Roseburg	South Umpqua River	Yes	•	•	•	
	Grants Pass	Rogue River	Yes	•			
	Hood River	Hood River	Yes	•			
	Downtown Bend	Deschutes River	Yes	•			





# Study finds microplastics in the human brain

Fox News senior medical analyst Dr. Marc Siegel evaluates a study on microplastics in the human body on 'Fox Report.'

## Your Tea Bag Might Be Shedding Billions of Microplastics

By Jenna Anderson • Published on January 19, 2025



**Scientists found tiny nanoplastics in people's arteries. Their presence was tied to a higher risk of heart disease.**



SUBSCRIBE FOR \$1

Login

Health | Microplastics | Health And Medicine | Cancer | Lungs | Infertility

### Microplastics in the Air Linked to Infertility and Cancer, Review Finds

Published Dec 26, 2024 at 4:12 PM EST

## Microplastics and contaminants found in breast milk: a cause for concern?

By EHN Curators • Feb 09, 2024 • 1 min read

## Microplastics are in many of your body's organs and tissues. Why they're so bad and what you can do to stay healthier

By Andrea Kane, CNN

8 minute read • Updated 6:04 PM EST, Mon December 9, 2024

SHOTS - HEALTH NEWS

## Scientists know our bodies are full of microplastics. What are they doing to us?

DECEMBER 18, 2024 • 11:35 AM ET

By Will Stone



