



## Simple Ways to Keep the Oceans Clean Safe from Ocean Pollution

Remember the 6 R's:

1. Reduce
2. Reuse
3. Recycle
4. Rethink
5. Repair
6. Refuse

The first thing you want to do is limit the amount of waste you produce. Try to reuse and recycle when you can. Be aware of where your trash could end up. Repair items if possible. Lastly, refuse to use single-use products.



## Who We Are

### About Us

Mermaids Against Ocean Dumping is a fictional ocean preservation company with the goal of raising awareness to ocean pollution and providing simple alternatives to reduce waste we produce each year.

Mermaids Against Ocean Dumping is dedicated to researching with purpose and ambition. We hope to use our power and our voices to speak up for the sustainability of the oceans.

### Contact Us

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*"Individually, we are one drop.*

*Together, we are an ocean."*

- Ryunosuke Satoro



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# Mermaids Against Ocean Dumping

ENGL 400

*Hannah Mathews and Ericka Evangelista*



## Ocean Pollution

### Ocean Dumping

Refers to the dumping of garbage, sewage, waste chemicals, and construction debris into the ocean.

There are hazardous materials being dumped into the sea by tankers and ships.

### Microplastics

Microplastics are tiny broken-down pieces of plastic debris in the ocean.

The problem with microplastics is that due to its size, it is difficult to:

- know what areas are affected by it
- collecting and disposing of microplastics is nearly impossible



## Great Pacific Garbage Patch

The Great Pacific Garbage Patch is one of five main gyres (whirlpools) around the world, that is constantly accumulating debris from the ocean.

The garbage patch is roughly the size of Texas or THREE times the size of France.



## How Easy is it for Trash to Reach the Ocean?

A truckload of plastic is entering the ocean EVERY minute.

Approx. 1.4 billion pounds of trash per year enters the ocean.

Main causes:

1. Sewage
2. Toxic Chemicals from Industries
3. Reactive Land Runoffs
4. Massive Oil Spills
5. Ocean Mining



## Closer to Home

Main Causes:

1. Litter
2. Down the Drain
3. Landfill

## The Problem

- Marine life is affected
- Animals get confused and consume microplastics or get trapped in plastics
- Food chain is affected from plankton to the fish we eat.

## Dead Zones

- Raise ocean temperatures
- Reduce oxygen
- Creates areas of bottom waters too oxygen depleted to support marine life

405 identified dead zones worldwide

Compared to 49 in the 1960s

