



Sargassum

IMPACT ON OUR

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2021

Neat Sand's pledge is to continue to work towards a cleaner and happier beach environment for all aspects of tourism, safety of beach goers and education. Our experience in helping keep beaches in pristine condition have inspired us to create this informational piece.

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BEACH USAGE INCREASE

1

With millions of beach goers each year, our clear waters, world-class beaches, and coral reefs support a multibillion dollar marine and a fishing industry across the nation that injects countless dollars to coastal communities.

Across the U.S. this number has continued to rise as more Americans and international visitors are more inclined to visit and enjoy the ocean while vacationing.

We must preserve, clean, and care for what makes our beaches unique.



2

SARGASSUM'S IMPACT

What effects does this have on our beaches?

For humans and marine life alike, bacteria and other algae thrive in "brown tide" due to excess of phytoplankton which raises risk of harm.

What has been done to decrease sargassum?

Although coastal governments have made an effort against the battle of sargassum using mechanical grooming of sand; we need to do more than burying sargassum. Research has proved that buried sargassum is a main contributor to increased bacteria like E.coli and other contamination.

This has been an unknown field for years. As we continue to conduct research into beach contamination, including human and marine-life's interaction with increased bacteria; one thing is evident.

We must protect our coasts, marine-life, and beach goers. The time to take action is now. The clock is ticking.

WHAT WE CAN DO

3

Neat Sand and Neat Aqua have been cleaning beaches of coastal communities world-wide for years. Our experience in using the latest equipment, technologies, and standards has continued to make a positive impact on beachgoers and tourism.

Neat Sand - Beach Cleaning

We are able to efficiently remove sargassum, sift through sand debris, and sanitize the sand without burying sargassum. Our process allows for the full removal of excess sargassum while keeping sand removal minimums to 3%.

(Others remove more than 30% of sand, which can add up to millions of additional costs over time due to unnecessary sand loss and regular beach erosion.)

Proper recycling is also a possibility with excess sargassum. Producing items such as compost, alginates, and food for fishes. This has a more positive impact on the marine ecosystem than simply burying sargassum and debris in sand or dumping on a landfill.



Neat Aqua - Floating Debris Removal

Contamination of waterways by biological and chemical waste, floating debris and runoff is a growing concern. Like with sargassum on sand; this allows harmful bacteria like E.coli, viruses, algae and insects to breed. We are able to safely and efficiently clean waterways and separate debris for collection.

The community needs to **understand the risks involved** in the current actions taking place on our beaches in regards to sargassum and bacterial growth. Investing in enhanced procedures, technologies, and partnership is an investment in the future of our beloved coastal communities. Decisions we make today will have a direct impact on quality of life for generations to come.