

COASTAL CLEANUPS



Join a Crane Coastal Cleanup

The team at Crane Beach organizes a quarterly cleanup. Individuals, families, and groups are welcome to join. However, space is limited, and registration is first-come, first-serve. To find out when the next cleanup is, and to register, please visit thetrustees.org/volunteer.

Did you know that Crane Beach is actually a pretty clean stretch of shoreline compared to other parts of our coast? This is largely due to prevailing ocean currents, tides, and the constant emptying of the Parker and Essex Rivers at either end of our property. However, it's also because our visitors overwhelmingly adhere to our Carry In / Carry Out policy and Beach Rangers patrol the shoreline daily.

Plan Your Own Coastal or Watershed Cleanup

If you can't make it to one of our quarterly cleanups, consider organizing your own – whether at Crane Beach, another Trustees coastal property, or any other open space that needs a hand. All parts of our watershed eventually drain to the ocean, so cleanup everywhere help our oceans and local waterways!

If you come to Crane Beach for a cleanup that you organize, regular gate admission fees and protocols apply, and we aren't able to provide any staff to support you. Visit www.thetrustees.org/passes to book vehicle passes or contact cranebeach@thetrustees.org to book a bus pass or if you have any questions.

Consider organizing a cleanup at **another Trustees property** along the coast and/or within our local watershed. Be sure to visit our website at thetrustees.org to read up on parking, regulations, and any other considerations. Some of our other North Shore properties include:

- Old Town Hill, Newbury
- Halibut Point, Rockport
- Ravenswood Park, Gloucester
- The Monoliths and the Coolidge Reservation, Manchester-by-the-Sea
- Gerry Island and Crowninshield Island, Marblehead (accessible only at low tide)
- Misery Islands, Salem (accessible only by boat)

The Commonwealth of Massachusetts participates in the annual **International Coastal Cleanup** each year through its **CoastswEEP** series of events each September, and Crane Beach is an annual participant in this compelling event. Learn more at mass.gov/coastswEEP.

Finally, many **local environmental and community organizations** host cleanups throughout the year, and we encourage you to get involved in any way you can – whether as a cleanup leader or participant. Our planet thanks you!

Share Your Experience

Spread the word about #keepingcranebeachclean by tagging us on Twitter @cranebeachmass or on Facebook/Instagram @craneestate_thetrustees. Use #cleancranebeach #trusteesonthecoast or any other inspiring hashtags!

Tips for Self-Guided Cleanups

Safety and supplies

Be sure all participants have protective gear. Suggested items includes **gloves**, UV protection (**sunscreen, sunglasses, and a hat**), and **closed-toed shoes** such as sneakers or boots. In addition, participants should bring plenty of water to stay hydrated. Bring **buckets** or **bags** in which to collect and carry trash. Bring a second bucket/bag in which to collect recyclable waste as you go.

Gathering data to inform science and policy

Contribute to science by recording all that you collect on an **OCEAN TRASH DATA FORM** and submitting it to the **International Coastal Cleanup** either by mailing in datasheets (see form) or using their **Clean Swell app**, available on the App store and Google Play. Tracking over time helps us understand trends and patterns related to the distribution, types, and volume of marine debris, data that is used by policy-makers.

Discarding collected marine debris

The Trustees' properties are **Carry In / Carry Out** and thus do not have trash or recycling bins laid out for public use. Eliminating collection bins from our properties not only saves us all money, but it also helps us to avoid attracting rats, raccoons, and seagulls from areas where humans congregate. If you aren't part of one of our organized cleanups, **please plan to remove all that you collect** from the property and dispose of it at home or at your organization.

Learn About Marine Debris

What is marine debris?

The National Oceanic and Atmospheric Administration (NOAA) defines marine debris as “any persistent solid material that is manufactured or processed and directly or indirectly, intentionally or unintentionally, disposed of or abandoned into the marine environment”. In the 2021 Massachusetts Coastsweep, the most commonly found items were cigarette butts, small bits of plastic, food wrappers, plastic bottle caps, beverage containers, plastic grocery bags, and straws/stirrers.

Where does marine debris come from?

There are three primary sources of marine debris: **land-based items** that originate from human activities on land; **ocean-based items** such as pieces of boats or fishing gear; and **disaster-related items** such as pieces of docks or other built structures that typically wash up following a powerful storm such as a Nor'easter. Marine debris that collects along our coast may have been transported by **stormdrains** that empty into **rivers, bays, or the ocean**; by nearshore **currents** and incoming **tides**; and/or by **people direct littering**, whether due to deliberate carelessness or improper disposal.

What impact does marine debris have?

Marine debris harms wildlife and people in several ways. Local animals may become entangled or mistake human-made items for food, which may ultimately contribute to starvation. Marine debris is unsightly and spoils the experience of visitors seeking a clean, natural environment in which to recreate. It is costly to people and organizations that take responsibility for keeping the environment clean and thus devote resources to remove and dispose of it.

References and for further reading

mass.gov/coastsweep

marinedebris.noaa.gov/discover-marine-debris



CRANE ESTATE REGULATIONS

Last updated September 2019



The following are prohibited across the entire Crane Estate:

1. Entry to any part of the estate outside of posted opening hours.
2. Disturbing, removing, defacing, cutting or otherwise causing damage to a natural feature, sign, poster, barrier, building, or other property.
3. Feeding or disturbing nesting birds or other wildlife.
4. Conduct which is indecent or obscene, or which disturbs the tranquility of the Estate or its enjoyment by others.
5. Possessing alcoholic beverages in a posted No Alcohol Zone and/or not procured onsite through a licensed vendor.
6. Any form of smoking.
7. Unpermitted commercial or portrait photography.
8. Littering. Visitors are asked to observe our carry in/carry out policy.
9. Nudity.
10. Open fires, except on the open beach where only portable gas grills are allowed (no charcoal).
11. Firearms and hunting, except that which is permitted through our seasonal hunting program.
12. Cutting or removing vegetation, including fruit.
13. Launching boats, kayaks, paddleboards, or any other watercraft.
14. Metal detecting.
15. Use of drone(s).

Additional prohibitions specific to Crane Beach:

16. Motorized vehicles, except with special authorization.
17. Entering fenced areas designed to protect fragile sand dune vegetation.
18. Inflatable floatation devices.
19. Fishing in the swim area or near where people are swimming.
20. In areas under supervision of lifeguards, throwing balls/other objects, and playing contact sports.
21. April 1 to September 30: Kites are not allowed.
22. April 1 to September 30: Horses, dogs, or other pets are not allowed.
23. October 1 to March 31: Horses and dogs are allowed in certain areas under conditions spelled out in the horse trailer permit application (horses) and gate handout (dogs). All other pets are not allowed.

Additional prohibitions specific to Castle Hill:

24. Dogs and other pets are not permitted to enter the property at any time.
25. Kites are not permitted at any time.

Visitors to the Crane Estate are welcome on the understanding that they use the area at their own risk and comply with all the above regulations. Any person who disregards or violates any of the above regulations may be asked to leave the premises, and is subject to arrest, fine, and imprisonment provided by law. The Trustees cannot assume responsibility for the loss or theft of personal property. Service animals are permitted in accordance with state law.



trustees

The Crane Estate (2,100 ACRES)
Castle Hill / Crane Beach / Crane Wildlife Refuge
Argilla Road • Ipswich, MA • 978.356.4354 • castlehill@thetrustees.org

LEGEND

- Trustees Property
- Woodland
- Wetland
- Green Trail 1.7 miles
- Red Trail 2.0 miles
- Orange Trail 0.3 miles
- Blue Trail 0.3 miles
- Yellow Trail 0.8 miles
- Black Trail 0.5 miles
- Dune Trail Markers
- Other Trails
- Parking
- Building
- Road

June 2019



CRANE BEACH

CASTLE HILL

CRANE WILDLIFE REFUGE

Essex Bay

Rocks: May not be passable at high tide

Note: Several trails have been closed on Choate Island due to downed timber.



CONTOUR INTERVAL 10 FEET

VOLUNTEER OCEAN TRASH DATA FORM



Ocean and waterway trash ranks as one of the most serious pollution problems choking our planet. Far more than an eyesore, a rising tide of marine debris threatens human health, wildlife, communities and economies around the world. The ocean faces many challenges, but trash should not be one of them. Ocean trash is entirely preventable, and data you collect are part of the solution. The International Coastal Cleanup is the world's largest volunteer effort on behalf of ocean and waterway health.

HERE IS HOW IT WORKS:



SITE INFORMATION:

Cleanup Site Name:

State or Province: Zone or County:

Country: Nearest Crossroad or Landmark:

NUMBER OF VOLUNTEERS WORKING ON THIS CARD:

adults children (under 12)

MOST UNUSUAL ITEM COLLECTED:

TYPE OF CLEANUP:

Land: Underwater: Watercraft:

Please return this form to your area coordinator.

If you are unable to do so, please mail or email it to:

Ocean Conservancy
Attn: International Coastal Cleanup
1300 19th Street, NW, 8th Floor
Washington, DC 20036
cleanup@oceanconservancy.org

Trash Free Seas: www.oceanconservancy.org/cleanup
Be a Green Boater: www.oceanconservancy.org/do-your-part/green-boating
Sponsors: www.oceanconservancy.org/cleanupsponsors



TRASH COLLECTED

Citizen scientist: Pick up all trash and record all items you find below. No matter how small the items, the data you collect are important for Trash Free Seas.[®]

EXAMPLE:

Plastic Bags:

||||| |||

TOTAL #

↓
= 8

Please DO NOT use words or check marks. Only **numbers** are useful data.

MOST LIKELY TO FIND ITEMS:

TOTAL #
↓

Cigarette Butts: =
 Food Wrappers (candy, chips, etc.): =
 Take Out/Away Containers (Plastic): =
 Take Out/Away Containers (Foam): =
 Bottle Caps (Plastic) =
 Bottle Caps (Metal) =
 Lids (Plastic) : =
 Straws/Stirrers: =
 Forks, Knives, Spoons: =

Beverage Bottles (Plastic): =
 Beverage Bottles (Glass): =
 Beverage Cans: =
 Grocery Bags (Plastic): =
 Other Plastic Bags: =
 Paper Bags: =
 Cups & Plates (Paper): =
 Cups & Plates (Plastic): =
 Cups & Plates (Foam): =

FISHING GEAR:

TOTAL #
↓

Fishing Buoys, Pots & Traps: =
 Fishing Net & Pieces: =
 Fishing Line (1 yard/meter = 1 piece): =
 Rope (1 yard/meter = 1 piece): =

PACKAGING MATERIALS:

TOTAL #
↓

6-Pack Holders =
 Other Plastic/Foam Packaging: =
 Other Plastic Bottles (oil, bleach, etc.): =
 Strapping Bands: =
 Tobacco Packaging/Wrap: =

OTHER TRASH:

TOTAL #
↓

Appliances (refrigerators, washers, etc.): =
 Balloons: =
 Cigar Tips: =
 Cigarette Lighters: =
 Construction Materials: =
 Fireworks: =
 Tires: =

PERSONAL HYGIENE:

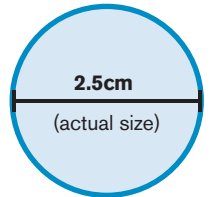
TOTAL #
↓

Condoms: =
 Diapers: =
 Syringes: =
 Tampons/Tampon Applicators: =

TINY TRASH LESS THAN 2.5CM:

TOTAL #
↓

Foam Pieces =
 Glass Pieces =
 Plastic Pieces =



DEAD/INJURED ANIMAL	STATUS	ENTANGLED	TYPE OF ENTANGLEMENT ITEM
	Dead or Injured	Yes or No	

ITEMS OF LOCAL CONCERN:

1. 2. 3.

CLEANUP SUMMARY (circle units)

Number of Trash Bags Filled: Weight of Trash Collected: lbs/kgs Distance Cleaned: miles/km