

OCEAN CONSERVANCY'S
International
**Coastal
Cleanup**

START A SEA CHANGE



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SUMMARY REPORT PHILIPPINES

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International Marinelifelife Alliance

The International Coastal Cleanup

The International Coastal Cleanup engages people to remove trash and debris from the world's beaches and waterways, to identify the sources of debris, and to change the behaviors that cause pollution.

The 2007 ICC: A Dynamic Global Snapshot of Marine Debris

In 2007, the ICC's growing success generated a detailed picture of trash in our ocean. International participation jumped from 66 countries in 2006 to 76 in 2007. More than 378,000 people picked their way across more than 33,000 miles of stream, river, and ocean shoreline to collect six million pounds of debris. That translates to an average of 16 pounds per person. Once again, Project Aware led scuba divers (8,321 of them) below the surface in underwater cleanups that yielded 161,513 pounds.

China joined the ICC for the second year; Russia also took part in the cleanup, for the first time since 2003. The Caribbean improved dramatically on last year's ICC efforts, with volunteer numbers in Trinidad and Tobago jumping from 894 to 2,250, an increase of more than 60 percent. And in the Bahamas, volunteer participation exploded a whopping 82 percent as 1,037 volunteers pitched in (compared to 180 in 2006). These volunteers removed an average of almost 78 pounds of trash per mile, which equaled 80 percent more pounds of debris per mile than last year.

Through its Regional Seas Programme (RSP) and the Global Programme for Action for the Protection of the Marine Environment from Land-based Activities (GPA), the United Nations

Environmental Programme (UNEP) has developed a "Global Initiative on Marine Litter" to address the global pollution issue. The initiative focuses on both regional and global efforts, and provides a platform to establish partnerships and cooperation for the coordination of activities to control and sustainably manage marine debris.

In the US, Ocean Conservancy President Vikki Spruill was honored to join First Lady Laura Bush to announce the White House's new marine debris initiative during the dedication ceremony of the J.L. Scott Marine Education Center – Gulf Coast Research Laboratory in Biloxi, Mississippi. The White House Initiative calls for an increase in public/private partnerships on cleanups, enhanced public education on debris prevention, and an emphasis on international cooperation to end dumping in the ocean.



2007 ICC: Philippines

In Philippines, 50,526 volunteers participated in the ICC, removing 250,973.9 pounds of trash and debris from 217.2 miles of shoreline. In addition, 721 volunteer divers participated in underwater cleanups, removing 6,999.8 pounds of debris from 31.5 miles of seafloor.

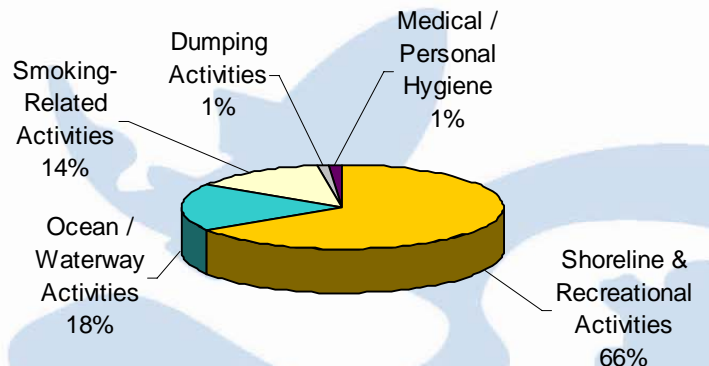
65.9 percent of the debris found in Philippines came from land-based activities like picnics, festivals, sporting events, and beach outings. Litter washed from streets, parking lots, and storm drains also contributed to this category.

Ocean and water-based activities offshore such as boating and fishing accounted for 17.9 percent of Philippines's debris. Globally, 6.3 percent of collected debris came from ocean and waterway-based activities.

Smoking-related products (cigarette filters, cigar tips, and tobacco packaging) accounted for 13.6 percent of the debris found in Philippines. Worldwide, these items comprised 33.6 percent of the six million pounds of debris collected.

Ocean Conservancy's annual Top Ten list shows which items are most prevalent around the globe. The Top Ten accounted for 87.7 percent of the debris found in Philippines.

2007 ICC: Philippines Sources of Debris



Top Ten Debris Items

Debris Items	Number of Items	Percentage of Total
1. Bags	3,724	31.3%
2. Cigarettes/ Cigarette Filters	1,255	10.6%
3. Rope	1,186	10.0%
4. Beverage Bottles (Plastic) 2 liters or less	1,031	8.7%
5. Beverage Bottles (Glass)	681	5.7%
6. Fishing Line	655	5.5%
7. Food Wrappers and Containers	651	5.5%
8. Straws/Stirrers	468	3.9%
9. Caps/Lids	404	3.4%
10. Beverage Cans	360	3.0%
Total Top Ten	10,415	100.0%
Total All Debris Items	11,882	87.65%

Dangers of Marine Debris

In addition to being an eyesore, marine debris also poses dangers for wildlife and people. Marine debris kills more than one million seabirds and 100,000 marine mammals and turtles annually. Unfortunately, each year ICC volunteers find a variety of marine wildlife species entangled in debris. In 2007, participants found 237 entangled animals. Birds represented nearly 35 percent of entangled wildlife, followed by fish (27 percent), invertebrates (20 percent), mammals (nearly 13 percent), reptiles (almost five percent), and amphibians (less than one percent).

Discarded monofilament fishing line is perhaps the single-most dangerous debris item, accounting for 65 percent of entanglements found during the ICC. In fact, derelict fishing gear – which includes fishing line, nets, rope, lures, and light sticks, and crab/lobster/fish traps – represented 72 percent of all entanglements.

Conclusion

Trash in our ocean pollutes our water, kills and injures wildlife, and also costs local communities in debris removal, lost tourism, and lower property values. While the ICC accomplishes amazing results, one day of cleaning up will only be a drop in the ocean unless we expand our reach, bringing in new volunteers and new countries and expanding our commitment beyond the Cleanup to keeping our ocean healthy all year round. We have the opportunity to make significant strides not only in cleaning up the existing trash that is polluting our water, but – more importantly – in reducing the amount that enters the ocean in the first place.

If we all join together and make the ICC's mission an integral part of our daily lives, we could truly *start a sea change*, every day. It starts one day at a time.



10 Things You Can Do To Stop Marine Debris

1. Join Ocean Conservancy's International Cleanup!

Visit www.oceanconservancy.org/coastalcleanup

2. Clean up your trash. Throw all trash away in proper receptacles, even when you're not on the water. Pick up any debris you see while out.

3. Collect your monofilament fishing line.

Don't leave fishing line behind and retrieve any other line you may find while fishing, but be careful not to tug on snagged lines, which could be caught on habitat below the surface.

4. Contain and properly clean spills when boating. Use oil-absorbent rags and materials to clean spills. Check Ocean Conservancy's *Good Mate* manual for helpful tips on reducing your negative impacts on the water.

5. Recycle used motor oil and oil filters. Local gas stations should have appropriate facilities for recycling these materials. NEVER pour oil, paint, antifreeze, or other household chemicals into an open sewer or down a storm drain.

6. Consider organic alternatives to household detergents and cleaners. Use lemon juice, vinegar, and baking soda for household cleaning. Avoid using fertilizers, pesticides, herbicides, and harsh chemical cleaners that can wash into waterways.

7. Choose reusable items and use fewer disposable ones. Use fewer disposable bags when shopping or bring your own reusable ones.

8. Properly dispose of used batteries and electronics. Don't dump them in landfills, use your local recycling center. These items leach harmful chemicals into the environment that take a long time to disperse.

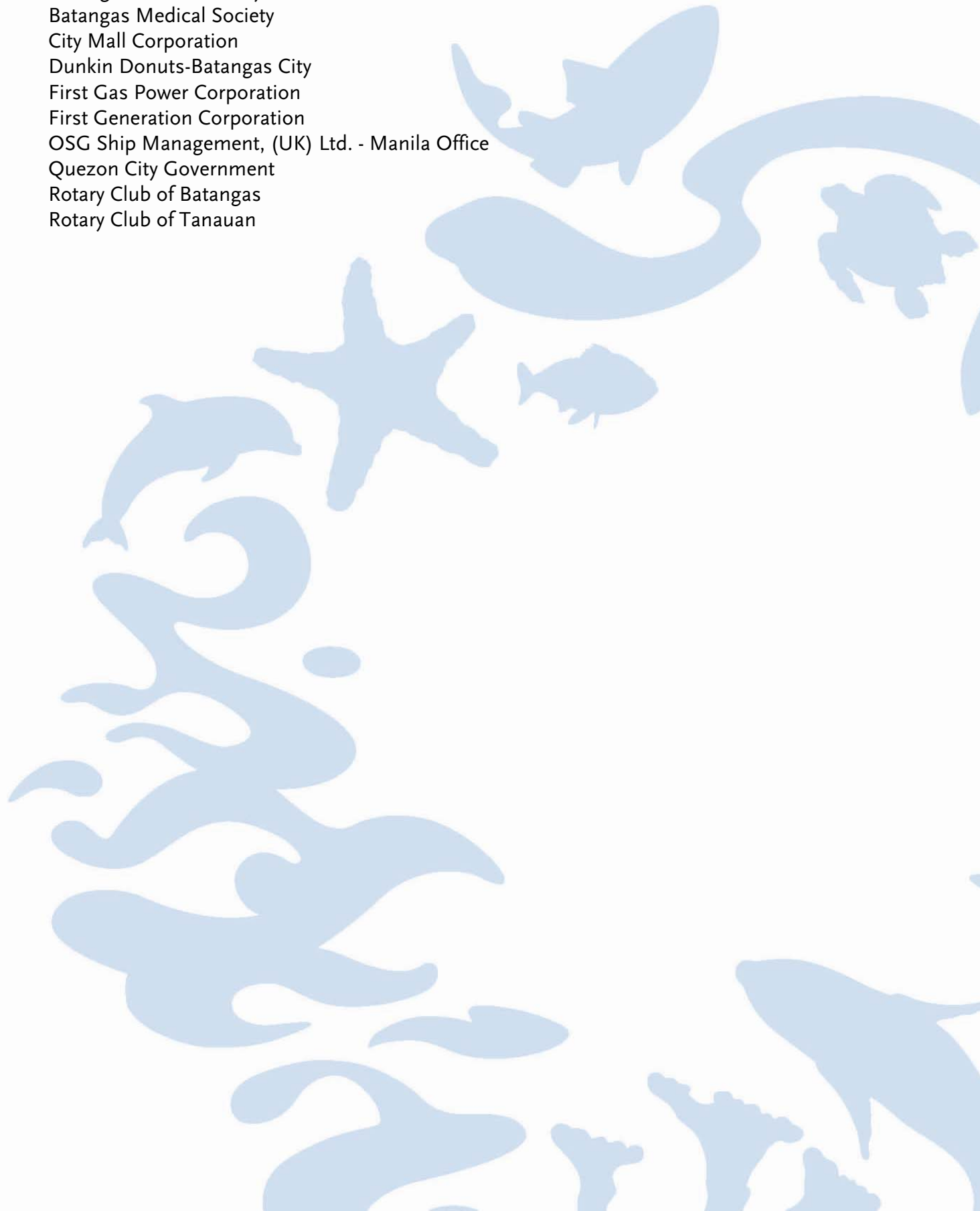
9. Keep streets, sidewalks, parking lots, and storm drains clear of trash and debris – they empty into our ocean.

10. Contact your elected representatives and let them know you care about marine debris – and that they should care, too. Vote for candidates who support marine debris prevention and policies that protect our environment.



Philippines 2007 ICC Sponsors

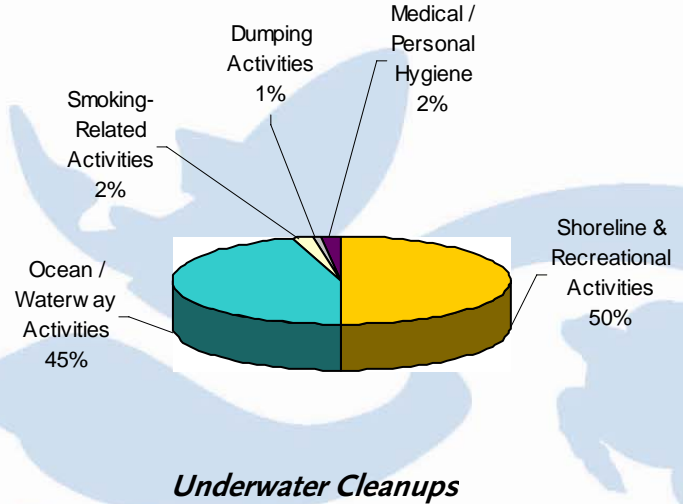
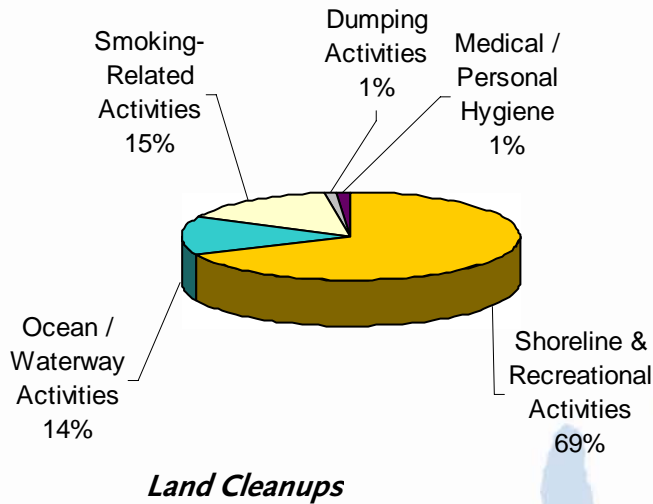
Batangas Dental Society
Batangas Medical Society
City Mall Corporation
Dunkin Donuts-Batangas City
First Gas Power Corporation
First Generation Corporation
OSG Ship Management, (UK) Ltd. - Manila Office
Quezon City Government
Rotary Club of Batangas
Rotary Club of Tanauan



Debris Items Collected During the 2007 ICC in Philippines

Debris Items	Land	Underwater	Total	Percentage of Total
Shoreline & Recreational Activities				
Bags	3635	89	3724	31.3%
Balloons	5	6	11	0.1%
Beverage Bottles (plastic) 2 liter or less	956	75	1031	8.7%
Beverage Bottles (glass)	560	121	681	5.7%
Beverage Cans	210	150	360	3.0%
Caps/Lids	184	220	404	3.4%
Clothing/Shoes	178	15	193	1.6%
Cups/Plates/Forks/Knives/Spoons	223	42	265	2.2%
Food Wrappers	596	55	651	5.5%
Pull Tabs	0	0	0	0.0%
Six-Pack Holders	0	0	0	0.0%
Shotgun Shells	12	0	12	0.1%
Straws/Stirrers	453	15	468	3.9%
Toys	21	9	30	0.3%
<i>Category Totals</i>	7,933	797	7830	65.9%
Ocean/Waterway Activities				
Bait Containers	33	0	33	0.3%
Bleach/Cleaner	19	2	21	0.2%
Buoys/Floats	49	0	49	0.4%
Crab/Lobster/Fish Traps	5	1	6	0.1%
Crates	1	2	3	0.0%
Fishing Line	454	201	655	5.5%
Fishing Lures/Light Sticks	29	0	29	0.2%
Fishing Nets	93	5	98	0.8%
Light Bulbs	15	0	15	0.1%
Oil/Lube Bottles	6	1	7	0.1%
Pallets	0	0	0	0.0%
Plastic Sheeting	15	7	22	0.2%
Rope	680	506	1186	10.0%
Strapping Bands	6	2	8	0.1%
<i>Category Totals</i>	1,405	727	2132	17.9%
Smoking-Related Activities				
Cigarettes/Cigarette Filters	1255	0	1255	10.6%
Cigarette Lighters	60	9	69	0.6%
Cigar Tips	4	0	4	0.0%
Tobacco Packaging	263	21	284	2.4%
<i>Category Totals</i>	1,582	30	1612	13.6%
Dumping Activities				
Appliances	0	0	0	0.0%
Batteries	36	2	38	0.3%
Building Materials	81	11	92	0.8%
Car/Car Parts	0	0	0	0.0%
55-Gallon Drums	0	1	1	0.0%
Tires	5	1	6	0.1%
<i>Category Totals</i>	122	15	137	1.2%
Medical/Personal Hygiene				
Condoms	24	0	24	0.2%
Diapers	117	11	128	1.1%
Syringes	1	1	2	0.0%
Tampons	0	17	17	0.1%
<i>Category Totals</i>	142	29	171	1.4%
Totals	10,284	1,598	11882	100.0%

Philippines 2007 ICC: Sources of Debris – Land and Underwater Cleanups



Philippines 2007 ICC: Top Ten Debris Items – Land and Underwater Cleanups

Top Ten Debris Items - Land Cleanups

Debris Items	Number of Items	Percentage of Total
1. Bags	3635	35.35%
2. Cigarettes/Cigarette Filters	1255	12.20%
3. Beverage Bottles (Plastic) 2 liters or less	956	9.30%
4. Rope	680	6.61%
5. Food Wrappers and Containers	596	5.80%
6. Beverage Bottles (Glass)	560	5.45%
7. Fishing Line	454	4.41%
8. Straws/Stirrers	453	4.40%
9. Tobacco Packaging/Wrappers	263	2.56%
10. Cups/Plates/Forks/Knives/Spoons	223	2.17%
Total Top Ten	9075	100.0%
Total All Debris Items	10284	88.24%

Top Ten Debris Items - Underwater Cleanups

Debris Items	Number of Items	Percentage of Total
1. Rope	506	31.7%
2. Caps/Lids	220	13.8%
3. Fishing Line	201	12.6%
4. Beverage Cans	150	9.4%
5. Beverage Bottles (Glass)	121	7.6%
6. Bags	89	5.6%
7. Beverage Bottles (Plastic) 2 liters or less	75	4.7%
8. Food Wrappers and Containers	55	3.4%
9. Cups/Plates/Forks/Knives/Spoons	42	2.6%
10. Tobacco Packaging/Wrappers	21	1.3%
Total Top Ten	1,480	100.0%
Total All Debris Items	1,598	92.62%

Philippines 2007 ICC: Entangled Animals

Entangled Animals	Invertebrates	Fishes	Reptiles	Birds	Mammals	Amphibians	Total	Percentage of Total
Balloon Ribbon/String	0	0	0	0	0	0	0	0.0%
Beverage Can	0	0	0	0	0	0	0	0.0%
Building Materials	0	0	0	0	0	0	0	0.0%
Crab/Lobster/Fish Traps	0	0	0	0	0	0	0	0.0%
Fishing Line	0	0	0	0	0	0	0	0.0%
Fishing Nets	1	1	0	0	0	0	2	100.0%
Glass Bottle	0	0	0	0	0	0	0	0.0%
Miscellaneous	0	0	0	0	0	0	0	0.0%
Plastic Bags	0	0	0	0	0	0	0	0.0%
Plastic Container	0	0	0	0	0	0	0	0.0%
Rope	0	0	0	0	0	0	0	0.0%
Six-Pack Holders	0	0	0	0	0	0	0	0.0%
Tire	0	0	0	0	0	0	0	0.0%
Wire	0	0	0	0	0	0	0	0.0%
Total	1	1	0	0	0	0	2	100.0%
Percentage of Total	50.0%	50.0%	0.0%	0.0%	0.0%	0.0%	100.0%	