



Republic of the Philippines  
Department of Environment and Natural Resources  
MIMAROPA Region  
Provincial Environment and Natural Resources Office



7

September 22, 2022

## MEMORANDUM

**FOR** : The Regional Executive Director  
MIMAROPA Region

**THRU** : The ARD for Technical Services

**FROM** : The In-charge, PENR Officer  
Oriental Mindoro

**SUBJECT** : **SUBMISSION OF REPORT ON THE CELEBRATION OF THE INTERNATIONAL COASTAL CLEANUP DAY 2022 ON SEPTEMBER 17, 2022 AT SITIO VILLA ANTONIO, BARANGAY NAVOTAS, CALAPAN CITY**

Submitted is the report of this Office on the conduct of coastal cleanup and tree planting activity in celebration of the International Coastal Cleanup Day 2022 on September 17, 2022 at Sitio Villa Antonio, Barangay Navotas, Calapan City.

A total 110 (64 male and 46 female) volunteers have joined in the said activity coming from different agencies and organizations namely DPWH, PNP Maritime, PNP Regional Office, CDRRMO, City ENRO, Power One Corporation, Barangay LGU, and residents of Navotas and DENR PENRO personnel. Twenty-five (25) sacks of garbage weighing an approximately 65 kgs were collected in a 0.8km shoreline of the said barangay.

Based on the results from the filled-out trash form, Most Likely to Find Items such as food wrappers, plastic bottle caps, utensils and plastic bags was the highest number trash collected with (2045) and percentage (74%). And the lowest number of trashes collected is the Packaging Material with (79) and Personal Hygiene (74) and percentage (3%).

Further, 120 seedlings of Bitao were planted simultaneously in the said area, as enrichment planting in the beach forest.

This Office recommends activities such as continuous conduct of cleanup drive, strong coordination with the Barangay LGU and the City Government for the strengthening of law enforcement when it comes to solid waste management and IEC campaigns to the community, in order to lessen the plastic pollution/problem in the said barangay. The conduct of the said activity is also necessary in the area because it is one of the identified nesting sites of marine turtles in the city.

**TSD CHIEF ALMA E. GIBE**



DENRPENR02209000041





September 22, 2021

**MEMORANDUM**

**FOR :** The PENR Officer  
Oriental Mindoro

**THRU :** The Forester III/ Chief, CDS

**FROM :** The CMEMP Extension Officer

**SUBJECT :** **SUBMISSION OF REPORT ON THE CELEBRATION OF THE INTERNATIONAL COASTAL CLEANUP DAY 2022 ON SEPTEMBER 17, 2022 AT SITIO VILLA ANTONIO, BARANGAY NAVOTAS, CALAPAN CITY**

Pursuant to the Presidential Proclamation No. 470 that declares the third Saturday of September of each year as the International Coastal Clean-Up (ICC) Day with the theme “Fighting for Trash Free Seas – Pilipinas: Ending the Flow of Trash at the Source”, this Office have organized and conducted a coastal cleanup, simultaneously celebrated across the globe on September 17, 2022. The said activity was held on September 17, 2022, third Saturday of the year. The event aims to lessen the number of trashes in coastal area as well as to increase the awareness of people on pollution and engage the LGUs and people in responsible waste disposal.

The event started at 06:00 a.m with a short program. A total 110 (64 male and 46 female) representing the DENR-PENRO Oriental Mindoro, DPWH, PNP Maritime, PNP Regional Office, CDRRMO, City ENRO, Power One Corporation, Barangay LGU, and residents of Navotas.

To provide an organized classification and recording of the trash collected, participants were provided Ocean Trash Data form – a standard form used during ICC Day all over the world. This form helps to easily determine the detailed and most trash collected in area. (Figure 1)



Figure 1. Collection and recording of garbage.





## TRASH COLLECTION

After the clean-up, a total of 25 sacks of garbage weighing approximately 65 kg were collected in an approximately 0.8km shoreline of the said barangay (see figure 2)

Based on the results, Most Likely to Find Items such as food wrappers, plastic bottle caps, utensils and plastic bags was the highest number trash collected with (2045) and percentage (74%). And the lowest number of trashes collected is the Packaging Material with (79) and Personal Hygiene (74) and percentage (3%) (see table 2).

The items with the most number include bottle caps (plastic) 233 pcs for the most likely to find category, fishing nets 194 pcs for the fishing gear, beverage bottles 184 pcs for the most likely to find, food wrapper 182 pcs for the most likely to find bottle caps (metal) 153 pcs for most likely to find, and take out/away Containers (plastic) 145 pcs for the most likely to find.



Figure 2. Trash collected on Barangay Navotas, Calapan City, Oriental Mindoro

Table 1. Trash categories collected during the clean-up drive

Trash Category	Total	Percentage(%)	Item	Total
Most likely to find	2045	74.3096	Bottle Caps (Plastic)	233
Fishing Gear	276	10.0291	Fishing Nets & Pieces	194
Other Trash	157	5.7049	Beverage Bottles (Plastic)	184
Tiny Trash	121	4.3968	Food wrapper	182
Packaging Material	79	2.8706	bottle Caps (Metal)	153
Personal Hygiene	74	2.6890	Take out/away Containers (plastic)	145
Total	2752	100		



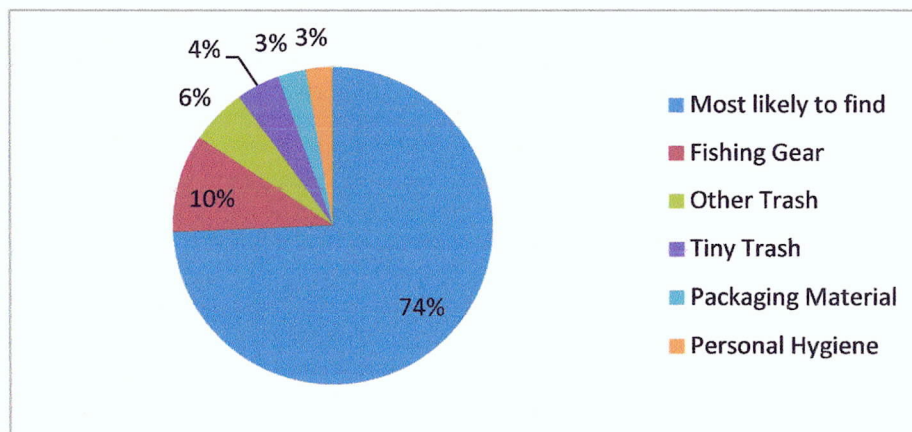


Figure 3. Percentage of trash categories collected during the clean-up drive.

After the Clean-up, the participants collected a total of 1986 pcs of most likely to find items drive (see table 3). Bottle caps, beverage bottles (plastic), food wrapper, bottle caps (metal), and take out/away Containers (plastic) are the Top 5 items collected for the Most likely to find items category. The corresponding number of the top 5 trash is 233 pcs or 11.7321%, 184 pcs or 9.2649%, 182 pcs or 9.1641%, 153 pcs or 7.7039, and 145 or 7.3011% of the collection.

Table 2. Items collected in Most Likely to Find Items category.

Most Like to Find		
Item	Total	Percentage (%)
bottle Caps (Plastic)	233	11.7321
Beverage Bottles (Plastic)	184	9.2649
Food wrapper	182	9.1641
bottle Caps (Metal)	153	7.7039
Take out/away Containers (plastic)	145	7.3011
Cigarettes	142	7.1501
Grocery Bags (Plastic)	107	5.3877
Beverage Bottles (Glass)	105	5.2870
Straws	104	5.2367
Beverage Cans	101	5.0856
Forks,Knives,Spoons	88	4.4310
Cups & Plates (Paper)	81	4.0785
Take out/away Containers (foam)	80	4.0282
Cups & Plates (Plastic)	79	3.9778
Other Plastic Bags	70	3.5247
Lids (Plastic)	51	2.5680
Cups & Plates (Foam)	47	2.3666
Paper Bags	34	1.7120
Total	1986	100





For the tiny trash item, a total of 123 pcs of tiny trash less than 2.5 cm during the clean-up drive (see table 4) were collected. Plastic pieces have the most number (53) pcs with percentage of 43.0894, followed by foam pieces (49) pcs with 39.8374 while then lastly, the glass pieces (21) pcs with a percentage of 17.0732.

Table 3. Items collected in Tiny Trash Less than 2.5 cm category.

Tiny Trash		
Item	Total	Percentage (%)
Plastic Pieces	53	43.0894
Foam Pieces	49	39.8374
Glass Pieces	21	17.0732
Total	123	100

Participants collected total of 157 pcs of other trash during the clean-up drive. Cigar tips. Cigarette lighters, balloons, construction materials, appliances are the top 5 items in Other Trash category with 66 pcs or 42.0382%, 58 pcs or 36.9427%, 21 pcs or 13.3785%, 7 pcs or 4.4586 and 9 pcs or 4.8387 % collection (see table 5).

Table 4. Items collected in Other Trash category.

Other Trash		
Item	Total	Percentage (%)
Cigar Tips	66	42.0382
Cigarette Lighters	58	36.9427
Balloons	21	13.3758
Construction Materials	7	4.4586
Appliances	3	1.9108
Tires	2	1.2739
Fireworks	0	0
Total	157	100

Participants collected a total of 65 pcs of personal hygiene trash during the clean-up drive (see table 7). A total of 53 pcs of diapers (81.5384%). 6 pcs of tampons/tampons applicators (9.2307%), 3 pcs of condoms (4.6153%), 1 pc of syringes (1.5384), and other items like clothes 2 pcs (3.0769%) were collected for the Personal Hygiene category (see table 6).

Table 5. Items collected in Personal Hygiene category.

Personal Hygiene		
Item	Total	Percentage (%)
Diapers	53	81.5384
Tampons/Tampon Applicators	6	9.2307
Condoms	3	4.6153
Others (clothes)	2	3.0769
Syringes	1	1.5384
Total	65	100





Participants collected a total of 257 pcs of fishing gear during the clean-up drive (see table 7). About 194 pcs of fishing nets & pieces (75.4864), 24 pcs of fishing buoys, pots & traps (9.3385%), Rope 21 pcs (8.1712%), fishing line 18 pcs (7.0039%) were collected during the event (see table 7).

Table 6. Items collected in Fishing Gear category.

Fishing Gear		
Item	Total	Percentage (%)
Fishing Nets & Pieces	194	75.4864
Fishing Buoys, Pots & Traps	24	9.3385
Rope	21	8.1712
Fishing Line	18	7.0039
Total	257	100

Participants collected a total of 85 pcs of packaging materials during the clean-up drive (see table 8). Other plastic/foam packaging has the highest number of collections with 34 pcs or 40.0000%, other plastic bottles 34 pcs or 40.0000%, tobacco packaging/wrap with 14 pcs or 16.7406%, and strapping bands with 3 pcs or 3.5294% were collected during the clean-up.

Table 7. Items collected in Packaging Materials category.

Packaging Materials		
Item	Total	Percentage (%)
Other Plastic/Foam Packaging	34	40.0000
Other Plastic Bottles	34	40.0000
Tobacco Packaging/Wrap	14	16.4706
Strapping bands	3	3.5294
6-Pack Holders	0	0.0000
Total	85	100

The trash collected were turned-over to the Calapan City – ENR Office for the proper segregation and disposal.



Figure 4. Photo-documentation on the turn-over of collected trashes to the City Garbage Collector for proper disposal,





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The result of trash data forms clearly shows that the collected 25 sacks of garbage weighing approximately 65 kilograms are very alarming in the barangays also to the coastal area. This trash was collected serves as an eyesore to the biodiversity-rich Verde Island Passage and has risk to the coastal communities. This kind of activities should be one factor to save our environment also, it should be sustainable to meet the demand of the present and future generation. The conduct of the said activity is also necessary in the area because it is one of the identified nesting sites of marine turtles in the city.

As per the recommendation, the DENR shall consider some activities that helps to improve our environment like tree planting to reforest our degraded forest, underwater clean-up to save our corals, strengthening of law enforcement when it comes to solid waste management and IEC campaigns to the community.

  
**MOVIN L. TANDANG**





Figure 5. Photo-documentation on coastal clean-up conducted in Barangay Navotas, Calapan City, Oriental Mindoro.



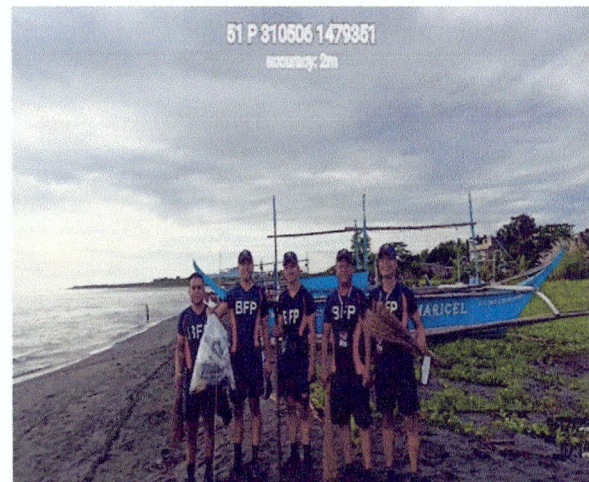


Figure 6. Photo-documentation of participants in coastal clean-up



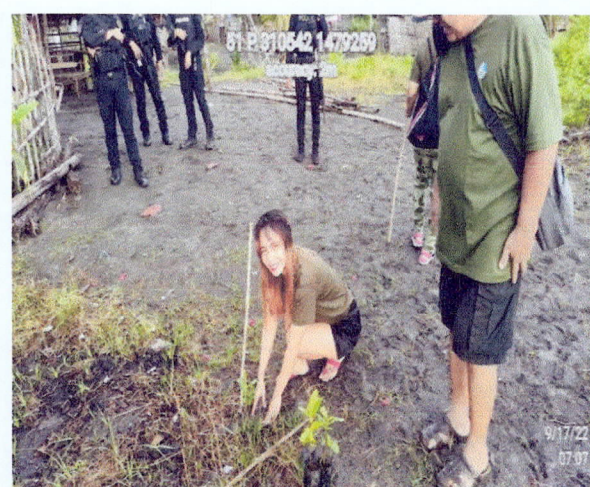
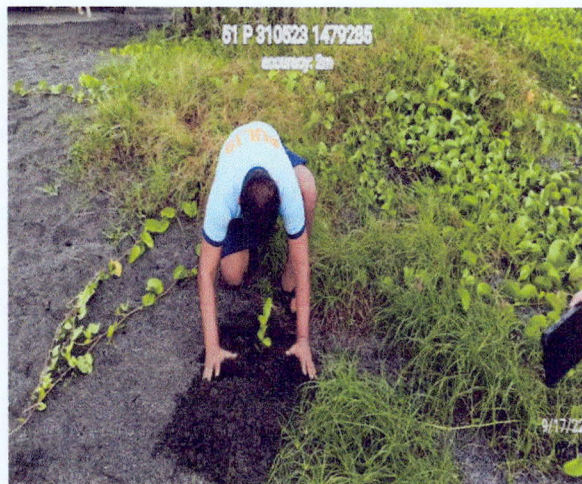
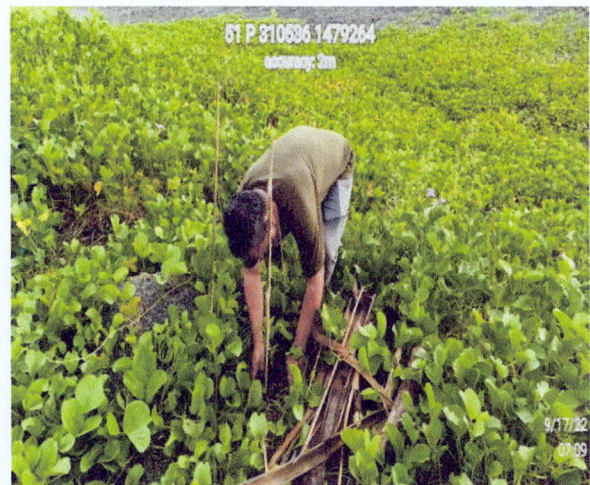
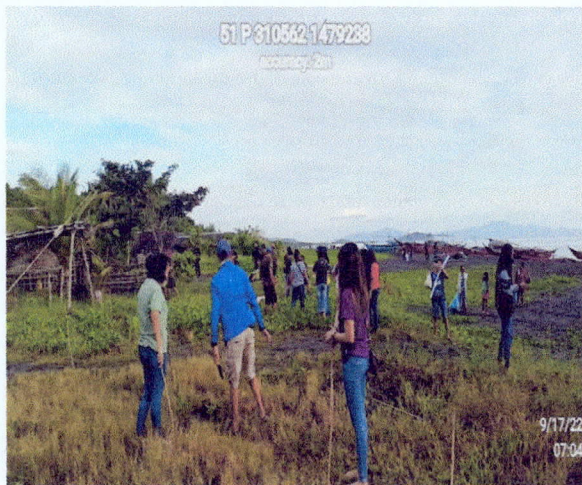


Figure 7. Photo-documentation on tree planting conducted in Barangay Navotas, Calapan City, Oriental Mindoro.