



Quarterly newsletter on news and updates on environmental programs and activities of the Philippine Ports Authority — Port Management Office of Misamis Oriental/ Cagayan de Oro

Accredited Port Service Providers commence mangrove/tree planting on World Wildlife Day

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PPA Administrative Order No. 14-2020:

Mangrove and/or Tree Planting now Mandatory for all Accredited Port Service Providers

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Port Manager Isidro V. Butaslac, Jr. leads the PMO's mangrove planting activity on 16 January 2021 at a mangrove site in Opol, Misamis Oriental.

Effective 02 February 2021, all grantees or persons or entities applying with the Philippine Ports Authority for the issuance of accreditation certificate, certificate of registration (COR), appointment, authorization, including those awarded with contracts or renewal/extension thereof for the provision of services in the ports, are required to plant at least 1,000 seedlings of trees/mangrove per Administrative Order No. 14-2020.

The applicant/grantee shall coordinate with the local Community Environment and Natural Resources Office (CENRO) or concerned office or unit of the Department of Environment and Natural Resources (DENR) **Page 2**

Mandatory mangrove and/or tree planting...from page 1

for the type of seedlings to be planted and the location where it shall be planted. Upon completion of the planting, the grantee shall secure a certificate of completion from the said office which shall be submitted to the PPA Head Office.

The following service providers are required to plant the following

additional number of seedlings:

| Port Service Provider | No. of seedlings |
|--------------------------------------|------------------|
| Port Terminal Operator | 100,000 |
| Cargo Handling Operator | 50,000 |
| Passenger Terminal Building Operator | 50,000 |
| Roll On Roll Off Operator | 25,000 |
| Private Port Operator | 500,000 |
| Harbor Pilot | 10,000 |

Accredited Port Service Providers commence mangrove/tree planting on World Wildlife Day



The PMO MO/C in coordination with the Community Environment and Natural Resources Office (CENRO)-DENR and concerned Local Government Unit successfully facilitated the mandatory mangrove tree planting for two (2) port service providers on 03 March 2021, also in celebration of the World Wildlife Day 2021.

The said activity is in accordance with the PPA Administrative Order No. 14-2020, mandating the mangrove/tree planting as a condition for the issuance of accreditation, Certificate of Registration, appointment, or Award of Contract or renewal/ extension thereof. Upon accomplishment, permittees shall secure a Certificate of Completion from CENRO/DENR.



Personnel/ representatives of 5N Glass and GT Distributors had planted a total of 2,000 mangrove seedlings in the Tubahon Aqua Marine Park, Laguindingan, Misamis Oriental, priorly identified by CENRO. This activity also formed part of the port stakeholders' participation to the World Wildlife Day Celebration that calls for heightened awareness on the multitude benefits of the varied forms of wild fauna and flora and the urgent need to conserve/protect them from human-induced reduction of species. The mangrove trees are known to serve as breeding grounds for marine organisms, shelter for some wildlife, and a natural buffer between land and sea to prevent shoreline erosion. Mangroves filter pollutants **Page 3**

PMO Environmental Specialist Core D. Suan (in pink face mask) joins the representatives of port service providers 5N Glass (top photo) and GT Distributors (bottom photo) as they gear up for the mangrove tree planting in Tubahon Aqua Marine Park, Misamis Oriental.

PMO MO/C wraps up Mangrove Planting & Coastal Clean-up amid pandemic

While the COVID-19 pandemic is unfortunately not over yet as we enter a brand new year, the Port Management Office of Misamis Oriental/Cagayan de Oro (PMO MO/C) just concluded the mangrove planting and coastal clean-up activity now on its second year of implementation in the Municipality of Opol, Misamis Oriental on 16 January 2021.

In active cooperation and partnership with the Local Government Unit of the Municipality of Opol, the Municipal Environment and Natural Resources Office (MENRO), and the Rotary Club Cagayan de Oro, the PMO sustains its commitment to help protect and preserve the environment particularly the water and marine resources.

In compliance with the minimum health standards, limited PMO personnel and Rotary Club were able to participate in the activity. However, even with this reduced number of "green warriors" compared to last year's activity, approximately 300 mangrove propagules were planted at a mangrove site in Opol. Right after this, the participants proceeded to collecting wastes along the beach coast. The



garbage collected, which were mostly plastics, were washed ashore during the high tide the night before.

The PMO together with the aforementioned partners had their first mangrove planting and coastal clean-up drive on 11 January 2020 where 500 mangrove propagules were planted.

With the establishment of the Port of Opol which operates since 2019,



the PMO MO/C commits to actively engage in environment-related activities in the Municipality of Opol especially for the protection and conservation of the marine resources.

Commence mangrove/tree planting ...from page 2



thereby also improve water quality for the people and animals.

Next batches of PTO holders are set to plant trees/mangrove seedlings in the coming days in different selected areas around Misamis Oriental and nearby provinces.

Accredited port service providers commence mangrove tree planting drive with the support and assistance of CENRO/DENR.

Philippine Water Week: PMO MO/C sets up webinar to boost the port stakeholders' awareness on valuing water, wildlife, and biodiversity

To continuously promote environmental consciousness among the members of the organization, the Port Management Office Misamis Oriental/Cagayan de Oro (PMO MO/C), in partnership with the Environment Management Bureau (EMB) and National Water Resources Board (NWRB) of the Department of Environment and Natural Resources (DENR), held an Online Environmental Awareness Seminar on 18 March 2021. The two-part online event is one of the PMO initiatives in celebration of this year's World Water Day and World Wildlife Day.

For the first part of the seminar, Mr. Raul A. Pallares from the National Water Resources Board (NWRB) discussed the multidimensional value of safe and clean water for the environment, economy, and the community in connection to the World Water Day 2021 theme: Valuing Water. World Water Day is celebrated annually to raise awareness of the 2.2 billion people living without water and to take action on the existing global water crisis.



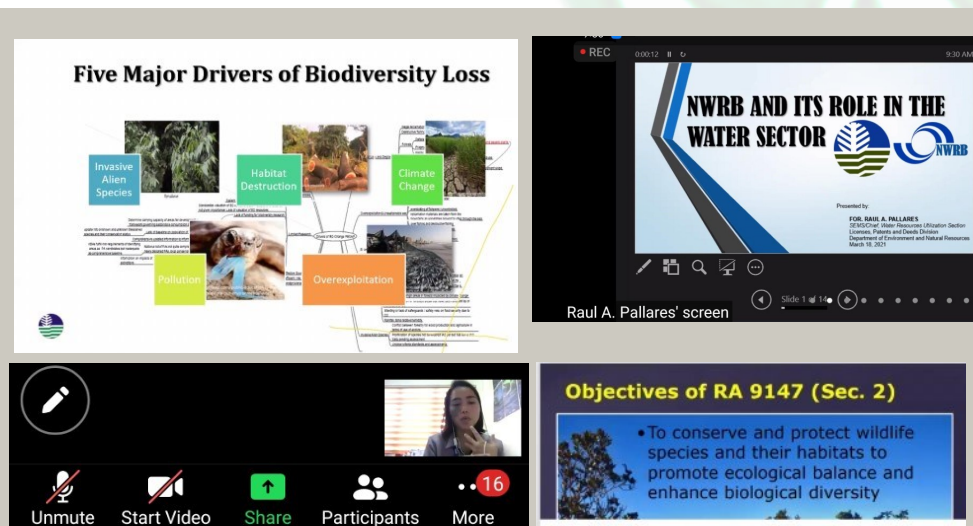
PMO personnel (left and center) visit the Regional Wildlife Rescue Center managed by the Department of Environment and Natural Resources (DENR) to show a virtual tour for the webinar participants.

To further raise awareness of the country's rich biodiversity, the second resource speaker, Ms. Pearly Mae N. Bernaldez from the Environment Management Bureau (EMB) of the Department of Environment and Natural Resources tackled the significance of having a healthy ecosystem which is bene-

ficial for humankind and other living organisms. She also highlighted the benefits and services of biodiversity as well as the major drivers of biodiversity loss and ways to recover from it. The United Nations General Assembly proclaimed March 3 as the World Wildlife Day for the appreciation of various wild flora and fauna across the world and for the recognition of the benefits from conserving them.

The webinar ended with a virtual tour of the Regional Wildlife Rescue Center at DENR-10 where rescued or turned-over wildlife species from all over the region, The Regional Wildlife Rescue Center provides temporary shelter and rehabilitation to wildlife species before they are released into the wild.

The webinar was participated by PPA personnel and representatives from various port service providers.



Screen captures of the resource speakers' discussions during the webinar.



First batch of hazardous wastes collected in the Port of Cagayan de Oro



A PMO personnel weighs the total collected busted bulbs

found in the busted bulbs that can pose risk and/or injury to health and the environment .

The PMO, as a holder of a Hazardous Waste Generator Registration Certificate issued by the Department of Environment and Natural Resources (DENR), allocates an annual

budget for the disposal of the port's hazardous waste.

The second batch of collection is set to be conducted on April 2021.

As a continuing measure in compliance with the Republic Act 6969 or the Hazardous Waste Management, the Port Management Office of Misamis Oriental/ Cagayan de Oro, through an accredited port service provider, hauled hazardous wastes from the Port of Cagayan de Oro on 04 March 2021 for its proper disposal.

Most of the items collected were used oil and busted bulbs which are considered as hazardous materials with their contents such as the mercury compound



Personnel of the external service provider, transport onboard their truck the drums of used oil .

"Valuing Water": World Water Day



FILE PHOTO. Clean-up drive of PMO personnel during World Water Day on 22 March 2019

Water has been an indispensable part of the lives of the people and the society, gaining a complex value—from household use, to its utilization in agriculture and industries, up to its role in the economy. Thus, the celebration of the World Water Day this 2021 is themed, "Valuing Water," that calls for collective action towards protection of the water resources in line with the continuing support to achieve the Sustainable Development Goal 6: clean water and sanitation for all.

DID YOU KNOW?

- Today, 1 in 3 people live without safe drinking water.
- By 2050, up to 5.7 billion people could be living in areas where water is scarce for at least one month a year.
- Climate-resilient water supply and sanitation could save the lives of more than 360,000 infants every year.
- Extreme weather has caused more than 90% of major disasters over the last decade.
- By 2040, global energy demand is projected to increase by over 25% and water demand is expected to increase by more than 50%.

Source: <https://www.un.org/en/observances/water-day>

Pollution from Ships Prevention and Monitoring: PMO MO/C takes part in “Operation 30 Days at Sea 3.0”

The Port Management Office of Misamis Oriental/Cagayan de Oro through its Port Police Division actively participated in the “Operation 30 Days at Sea” which is now on its third year of implementation spearheaded by the Philippine Coast Guard.

The said operation primarily aims to detect, deter, apprehend and file appropriate charges on vessels, criminals, companion and criminal organization in breach of the international convention for the prevention of pollution from ships, and other relevant national legislations.

The said activity ran from 01 to 31 March 2021, wherein the Team had conducted the following, among other activities: inspection of vessels to check the operator's compliance to security and marine pollution requirements, and coastal monitoring from the coasts of Cagayan de Oro Port up to the private port in Barangay Tablon, Cagayan de Oro City, to monitor probable source of marine litter/pollution and illegal activities in the Philippine waters.



The Team composed of PCG and PPA PMO MO/C Port Police personnel conduct coastal monitoring along Macajalar Bay

In 2019, the PMO was also engaged in this operation, where a total of 13 vessels calling at the Baseport were inspected and five (5) of these were found with violations against rules and regulations on proper waste management onboard such as segregation of garbage, provision of oil containment and recovery, among others.



Port Police Personnel together with the Philippine Coast Guard inspect a vessel at the Port of Cagayan de Oro relative to the operator's compliance to security and marine pollution requirements and measures onboard.



Philippine Coast Guard personnel check the facility onboard.



The Team gears up for coastal monitoring.

PMO MO/C ties with BFAR and other agencies for marine envi protection

The Port Management Office of Misamis Oriental/Cagayan de Oro (PMO MO/C), in its continuing pursuit of protecting and conserving the marine environment within its jurisdiction, participated in the first quarter meeting of the Coastal Fishing and Marine Environment Protection Sub-Committee spearheaded by the Bureau of Fisheries and Aquatic Resources on 16 March 2021.

The said sub-committee of the Regional Law Enforcement Committee, primarily discussed the environmental impacts or the possible damage to marine habitat of the proliferation of floating cottages ("balsa") in the coastal waters of Misamis Oriental that have become a popular tourist attraction since the community quarantine has been eased in the province.

The sub-Committee also composed of DENR, MARINA-X, PCG, DILG, DOT, NEDA, BOC, DENR-EMB, and DOJ drafted a Resolution on the General Requirements in the Establishments of Balsa or Any Other Floating Structures. Additionally, the body crafted the specific requirements for the establishment of

floating cottages in municipal waters as a supplementary to DILG Memorandum Circular No. 2018-59, "Policies and Guidelines on the Regulation and Monitoring of Fishery Activities in Municipal Waters".

During the meeting, it was initially discussed that the PMO MO/C shall ensure that floating cottages operating in the municipal waters will not enter the Port Zone Delineation (PZD) or the waters

within the jurisdiction of the PMO ports. This is in reference to Section 83 of the General Port Regulations states that, "No person shall fish or bathe in any pier, wharf or quay or any premises of the Authority."

The draft Resolution and the guidelines are still under further review of the Committee members.



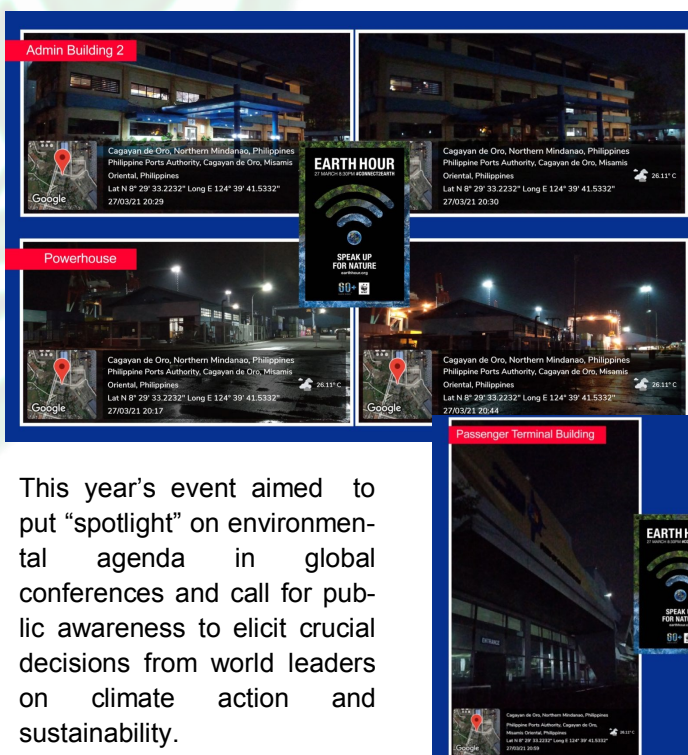
The representatives of the members agencies during the First Quarter meeting of the Coastal Fishing and Marine Environment Protection Sub-Committee

Earth Hour 2021

The Port of Cagayan de Oro has participated in the worldwide lights-off campaign, "Earth Hour," on 27 March 2021.

Non-essential lights around the ports and its buildings, were switched off from 8:30 PM to 9:30 PM. The personnel were also encouraged to turn-off non-essential lights and electronic gadgets in their respective homes.

The Earth Hour is a worldwide event participated by million people around the globe and/or by more than 150 countries as a campaign to help keep a sustainable and healthy planet.



Lights in several areas and facilities in the Port are switched off in observance of Earth Hour.

This year's event aimed to put "spotlight" on environmental agenda in global conferences and call for public awareness to elicit crucial decisions from world leaders on climate action and sustainability.

PAGASA Climate Advisory: La Niña to prevail until April 2021

Per Climate Advisory No. 7 released by DOST- Philippine Atmospheric, Geo-physical and Astronomical Services Administration (PAGASA), Mindanao PAGASA Regional Services Division (MPRSD) on 05 March 2021, the following is the Climate Assessment and Outlook for Mindanao:

Most climate models indicate continuation of La Niña event (55% probability) through March-April-May 2021 season. However, there is an increasing likelihood of returning to ENSO neutral conditions (60% probability) during April-May-June 2021 season. There is yet an increased probability of above normal rainfall in most areas of Mindanao on March 2021 that can lead to potential adverse impacts including flooding in low-lying areas, rain-induced landslides and overflowing of rivers over vulnerable areas, with varying magnitude.

Analysis of the figure at the right showed that most areas in Mindanao experienced higher than the average number of wet days in comparison to the 1981-2010 climatological normal, except for most areas in the region of CARAGA and the province of Davao Oriental that have near normal number of wet days.

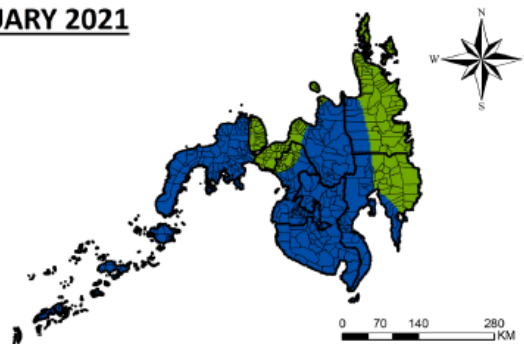
% NORMAL FOR FEBRUARY 2021

Legend

□ Municipal Boundaries

Percent Normal

- 0 - 40 (way below normal)
- 41 - 80 (below normal)
- 81 - 120 (near normal)
- >120 (above normal)



Actual and %Normal Rainfall in Mindanao for February 2021

Based on the above figure, the associated hydrometeorological hazards of the said weather systems have contributed to *above normal rainfall* conditions in most provinces of Mindanao except for Misamis Occidental, western portion of Misamis Oriental, Camiguin, Lanao del Norte, Davao Oriental and Davao de Oro, and except for most areas of the CARAGA region where *near normal rainfall* was observed

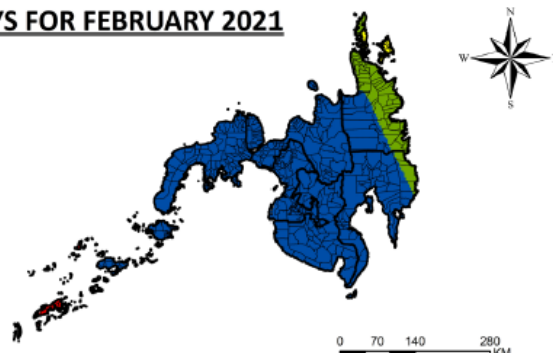
% NORMAL OF WET DAYS FOR FEBRUARY 2021

Legend

□ Municipal Boundaries

Percent Normal

- 0 - 40 (way below normal)
- 41 - 80 (below normal)
- 81 - 120 (near normal)
- >120 (above normal)



Actual and % Normal Wet Days in Mindanao for February 2021

Source: PAGASA Mindanao PAGASA Regional Services Division

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Multi-Media Production and Marketing Team

Editor-in-Chief:
Writer/Layout artist:
Photographer/Layout Artist:
Contributors:

Edsel A. Calo
Irish Maika R. Lam
Israel P. Asok
Core D. Suan
Shaira C. Baltazar



PMO Misamis Oriental/Cagayan de Oro



CONTACT US:

PMO Administrative Building 2, Gate 5, Port Area,
Barangay Puntod, Cagayan de Oro City 9000

email address:
ppapmocdo@ppa.com.ph
moc_opm@ppa.com.ph

Website: www.pmocdo.ppa.com.ph
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