



MEMORANDUM

FOR : **USEC. MARILOU G. ERNI**  
Chief of Staff and Supervising Undersecretary for  
Strategic Communications  
Task Force Commander, Task Force Naujan Oil Spill

FROM : **THE REGIONAL DIRECTOR**  
EMB – MIMAROPA Region

SUBJECT : **CONSOLIDATED SITUATIONAL REPORT RE OIL SPILL IN  
NAUJAN, ORIENTAL MINDORO**

DATE : 13 March 2023

This is to apprise the Undersecretary on the situation regarding the oil spill due to capsized vessel in Naujan, Oriental Mindoro and the actions taken by the DENR – EMB MIMAROPA Region:

I. SITUATIONAL OVERVIEW

On 28 February 2023, it was reported by various media outlets that MT Princess Empress, an oil tanker, carrying more or less 800,000 liters of industrial oil, sank off along the coast of Tablas Strait in Balingwan Point, Naujan, Oriental Mindoro.

Based on the preliminary reports from the Philippine Coast Guard (PCG) situated in Oriental Mindoro, the vessel came from Bataan and on its way to Iloilo when it encountered engine trouble due to overheating until it drifted towards the coast of Balingawan Point and eventually submerged.

On 01 March 2023, Governor Humerlito Dolor of the Province of Oriental Mindoro has officially reported through his Facebook account that the MT Princess Empress has sunk.

Relative thereto, the Department, through its various social media platforms, posted an official statement announcing the creation of “Task Force Naujan Oil Spill” which will be headed by Undersecretary and Chief of Staff Marilou Erni as Task Force Commander.

The Philippine Coast Guard, particularly its Marine Environmental Protection Command, is designated as the lead agency tasked with response operations in its affected area.

In response to the reports that the capsizing of the vessel resulted to an oil spill from the diesel fuel of the ship, this Office has immediately deployed personnel from the Provincial Environmental Management Unit – Oriental Mindoro to conduct water sampling in areas which have been identified to have been potentially affected by the oil spill.

On 03 March 2023, Mayor Jennifer Cruz of LGU – Pola, Oriental Mindoro has declared a state of calamity, due to the massive extent of the impact of the oil spill in the Municipality of Pola, Oriental Mindoro.

Later that day, Petron Philippines issued a statement wherein it has clarified that the 800,0000 liters of industrial fuel oil carried by MT Princess Empress was not sourced from the Petron Bataan Refinery nor does the company own the fuel oil cargo carried by the vessel. Petron adds that the company has stopped producing fuel oil since 2016.

Petron also announced that their Waterborne Industry Oil Spill Equipment (WISE) has already been deployed to assist in the containment of the oil spill. The WISE vessel reached the incident site at 3:20 AM of March 1, 2023 and is now in coordination with the Philippine Coast Guard.

Furthermore, Petron's Bataan Refinery and Mabini Terminal have also extended assistance by making their oil spill boom teams and equipment available to further aid in the containment and clearing operations.

On the evening of 03 March 2023, RDC REIELD MARINE SERVICES (RDC), the registered owner of MT Princess Empress, issued a statement through various media outlets.

In their statement, RDC announced that they have already deployed technical experts on the ground, air, and sea to conduct an assessment of the affected areas and come up with an effective dispatch strategy for containing and mitigating the oil spill on the shoreline.

Further, RDC also stated that they have been assisting the PCG in procuring oil spill collection equipment, such as disposable PPEs, open-ended drums, gas masks, and diesel allocation, among others.

Lastly, RDC ensured the concerned local government units of their commitment in providing support despite limited resources and that the company will continue to work closely with the authorities and affected communities until the matter is fully resolved.

At 6:48 PM of 03 March 2023, PCG Region 6 posted an update through the official social media platform, regarding the presence of an undetermined quantity of oil slick within the shorelines of Semirara Island and Liwagao Island in Caluya, Antique.

As of 04 March 2023, the PCG, through their official social media accounts, has confirmed that the impact of the oil spill has reached the shorelines of Caluya, Antique.

Specifically, oil slicks were found in the following barangays of Caluya, Antique, to wit:

1. Sitio Sabang, Brgy. Tinogboc (1 kilometer);
2. Liwagao Island, Brgy. Sibolo (2 kilometers);
3. Sitio Tambak, Brgy. Semirara (2 kilometers)

On the same day, Governor Dolor of the Province of Oriental Mindoro has issued a letter addressed to the Embassy of Japan, through Sec. Enrique Manalo of the Department of Foreign Affairs, requesting for assistance and provision of Oil Containment Booms and other equipment that will help contain the oil spill and mitigate the damage to the waterbodies of Oriental Mindoro.

Furthermore, the Provincial Health Office – Oriental Mindoro directed the local residents to temporarily cease from participating in coastal clean-up operations due to lack of protective gears.

As of 06 March 2023, the Provincial Government of Mindoro has declared a state of calamity in seventy-six (76) coastal barangays across nine municipalities of Oriental Mindoro due to the massive impact caused by the oil spill to the following municipalities, to wit:

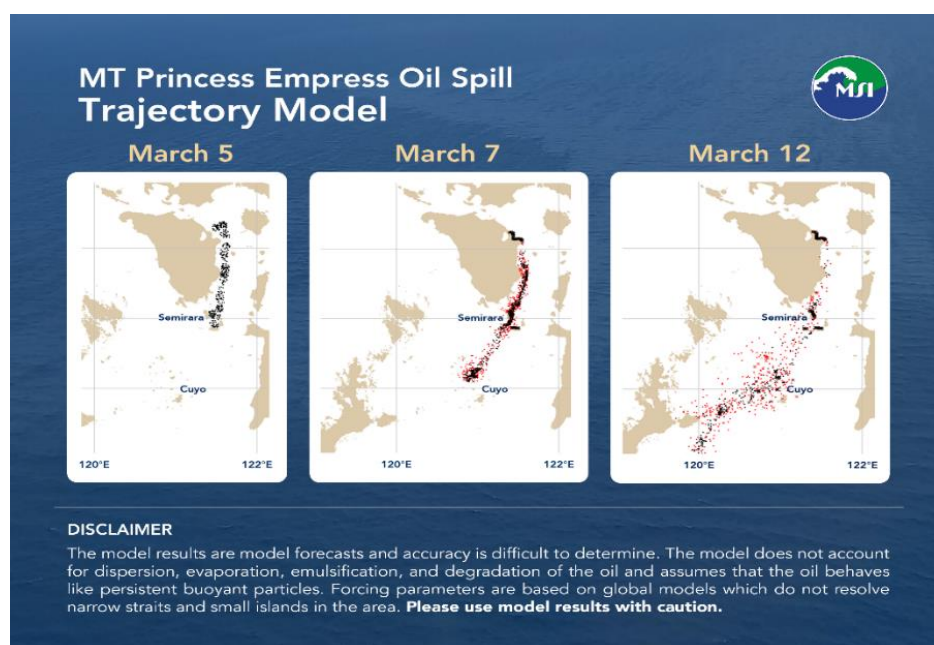
ENRO Compound, Brgy. Suqui, Calapan City, Oriental Mindoro  
Regional Satellite Office: 6<sup>th</sup> Floor DENR by the Bay Bldg., 1515 Roxas Blvd., Ermita, Manila  
Office of the Regional Director: **(02) 8536 9786**; Administrative and Finance Division: **(02) 8536 9786**  
Environmental Management and Enforcement Division: **(02) 8633 2587**; Clearance and Permitting Division: **(02) 8633 2587**  
Records Management Unit: **(02) 8633 8900**  
E-mail Address: [embmimaropa@emb.gov.ph](mailto:embmimaropa@emb.gov.ph)  
Website: [www.mimaropa.emb.gov.ph](http://www.mimaropa.emb.gov.ph)

1. Municipality of Naujan
2. Municipality of Pola
3. Municipality of Pinamalayan
4. Municipality of Gloria
5. Municipality of Bansud
6. Municipality of Bongabong
7. Municipality of Roxas
8. Municipality of Mansalay
9. Municipality of Bulalacao

On the same day, the Sangguniang Bayan of Caluya, Antique has also passed Resolution No. 31 placing the municipality under the state of calamity. Specifically, the Resolution identified Sitio Sabang in Brgy. Tinogboc, Taong, Banua Proper, and Sitio Balibago in Brgy. Semirara, and Sitio Liwagao in Brgy. Sibolo as areas which have been affected by the oil spill in Antique.

## PALAWAN

On 05 March 2023, the University of the Philippines – Marine Science posted an update wherein based on their forecast, it was projected that the oil spill will reach Cuyo Islands and get closer to northern Palawan in about a week's time. The projected trajectory of the oil slick is shown in the images for March 7 and March 12, and initialized with spill locations in the image for March 5.



According to the model, the projected spill will continue due southwest to Cuyo Group of Islands (as seen in the image for March 7) and will get closer to northern Palawan mainland in about a week's time (as seen in the image for March 12).

On the same day, the Municipal Disaster Risk Reduction Management Office of Agutaya, Palawan (MDRRMO) has confirmed that presence of oil slicks has been sighted at Brgy. Concepcion and Algeciras in Agutaya, Palawan.

Subsequently, on 10 March 2023, the Philippine Coast Guard, thru their official social media accounts, has reported that the oil spill has already reached the shores of Brgy. Casian, Taytay, Palawan. Based on their initial report, Brgy. Casian is located 159 nautical miles or 295 kilometers away from Naujan, Oriental Mindoro.

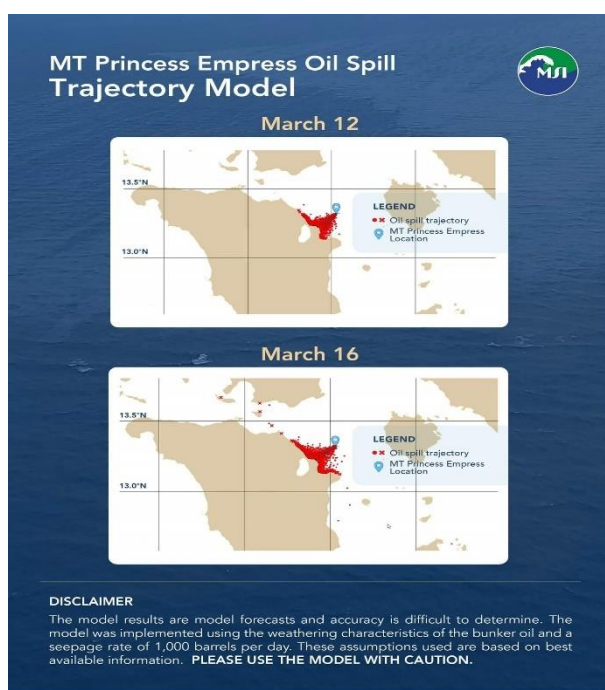
On 12 March 2023, this Office received a copy of the Situational Reports from the Provincial Disaster Risk Reduction Management Office (PDRRMO) - Palawan dated 11 and 12 March 2023 on the preparedness for oil spill response of the province.

Based on their report, Brgys. Concepcion and Algeciras in Agutaya, Palawan have been cleared of oil spill sightings since March 8, 2023.

The PDRRMO also confirmed the presence of traces of brownish oil in the shorelines of the following barangays and sitios in Taytay, Palawan, to wit:

1. Sitio Amogis
2. Sitio Calumpang
3. Brgy. Calawag
4. Brgy. Biton

At around 4:00 PM of 12 March 2023, UP – MSI posted an update wherein according to their trajectory model, it is predicted that the oil spill will reach the Verde Island Passage due to weakening Amihan.



The recent simulation focusing on the area of the tanker's location for March 10 to 16 shows that with continuous seepage of oil, most of the oil will end up along Naujan coast and Pola Bay. However, due to the weakening Amihan, some of the oil may flow northwards towards the Verde Island Passage by March 16, affecting coastal areas of Calapan, Verde Island, and some parts of Batangas.

## II. EFFECTS

As of date, reports of fish kill and seeping of industrial fuel oil has reached the surrounding water bodies of Oriental Mindoro, including mangrove areas and marine protected areas as a result of the oil spill.

## III. ACTIONS TAKEN BY DENR

### ORIENTAL MINDORO

Since 01 March 2023, EMB – MIMAROPA Region along with our technical teams from the Regional Environmental Laboratory, Provincial Environmental Management Unit (PEMU) – Oriental Mindoro and Occidental Mindoro have been working non-stop in collecting and analyzing the water samples from areas affected by the oil spill, coordinating, and providing technical assistance to local government units and other concerned government agencies and assisting in clean-up operations.



Below are the latest inventory of wastes collected per barangay:

Date of Collection	Municipality	Barangay	Amount of Waste Collected
March 07, 2023	Pola, Oriental Mindoro	Calima	6 drums
		Batohan	4 drums
		Misong	11.5 drums
March 09, 2023	Pola, Oriental Mindoro	Calima	7 drums (10 AM)
			3 drums (5 PM)
March 10, 2023	Pola, Oriental Mindoro	Calima	2 drums
		Misong	12 drums
March 11, 2023	Pola, Oriental Mindoro	Calima	6 drums
		Brgy. Batohan (Casiligan River)	4 drums
		Brgy. Zone 2 (Casiligan River)	2 drums
March 12, 2023	Pola, Oriental Mindoro	Misong	9 drums
		Brgy. Tagumpay	12 drums

**Installation of Improvised Spill Booms at Ranzo Fish Sanctuary  
(Brgy. Ranzo, Pinamalayan, Oriental Mindoro)**





On 12 March 2023, a meeting was held at the Incident Command Center – Pola, Oriental Mindoro lead by the Local Government Unit of Pola, Oriental Mindoro, joined by the Japan Coast Guard and Philippine Coast Guard. Present during the meeting are Ms. Ederlita Labre, Chief, PEMU – Oriental Mindoro and Engr. Rochelle Padirayon, Chief, Toxic Chemicals and Hazardous Waste Monitoring Section.

*Meeting at the Incident Command Center – Pola, Oriental Mindoro with LGU – Pola, PCG and Japan Coast Guard (March 12, 2023)*





On 12 March 2023, CRL released the results of their Rapid Assessment of Residents and Workers Exposure to Carbon Monoxide, Hydrogen Sulfide and Total Volatile Organic Compounds (TVOC). The sampling was conducted by CRL on various barangays in Pola, Oriental Mindoro on 09 March 2023.

Below are the results of the sampling conducted on March 9, 2023:

SAMPLING SITE	COORDINATES	PARAMETERS	RESULTS
1. Shoreline, Barangay Calima, Pola, Oriental Mindoro	13°08'10.6"N, 121°28'05.4"E	Carbon Monoxide, Hydrogen Sulfide, Total Volatile Organic Compounds	In-situ measurements of Hydrogen Sulfide (H <sub>2</sub> S), carbon monoxide and total volatile organic compounds were done along the shoreline where the activity was undertaken. Sampling time was fifteen (15) minutes from 4:10 pm to 4:25 pm. Measurement level of H <sub>2</sub> S ranged from 1.7 ppm to 1.9 ppm during the short-term exposure. CO and TVOC measured were 0 ppm.
2. Along Barangay Road, Barangay Calima, Pola, Oriental Mindoro	13°08'18.3"N, 121°28'40.4"E	Carbon Monoxide, Hydrogen Sulfide, Total Volatile Organic Compounds	Rapid ambient air assessment in residential areas was done along the barangay road where contaminated sediment wastes were temporarily staged while waiting for hauling. Thirty (30) minutes continuous sample collection of H <sub>2</sub> S and CO were measured using direct readout multi-gas meter. H <sub>2</sub> S measurement level ranged from 1.0 ppm to 1.1 ppm. CO level was 5 ppm to 6 ppm. TVOC was at 0 ppm.
3. Along Barangay Road, Barangay Calima, Pola, Oriental Mindoro	13°08'18.3"N, 121°28'40.4"E	Carbon Monoxide, Hydrogen Sulfide	Thirty (30) minutes continuous measurement of H <sub>2</sub> S and CO were done using direct readout gas monitor. Levels of H <sub>2</sub> S measured ranged from

			0.6 ppm to 0.7 ppm. CO concentration was at 7 ppm. Results of H <sub>2</sub> S and CO at 15 minutes short term measurement maintained the same concentration levels.
4. Along shoreline and residential areas, Barangay Misong, Pola, Oriental Mindoro	13°12'46.51"N, 121°26'18.32"E; 13°12'46.7"N, 121°26'17.9"E	Carbon Monoxide, Hydrogen Sulfide, TVOC	H <sub>2</sub> S level recorded from 0.7 ppm to 1.0 ppm. CO concentration was at 5 ppm. TVOC level ranged from 0 to 0.2 ppm.
5. Brgy. Buhay na Tubig, Pola, Oriental Mindoro	13°08'42.5"N, 121°30'52.0"E		H <sub>2</sub> S level ranged from 0.6 ppm to 0.8 ppm. CO and TVOC value were at 0 ppm.
6. Brgy. Buhay na Tubig, Pola, Oriental Mindoro	13°08'42.5"N, 121°30'52.0"E		
7. Calimawawa Footbridge, Barangay Calima, Pola, Oriental Mindoro	13°08'09.3"N, 121°28'08.4"E	Carbon Monoxide, Hydrogen Sulfide	H <sub>2</sub> S level was at 0.7 ppm and CO was 6 ppm for fifteen (15) minutes sampling using direct readout gas monitor
8. Port Area, Barangay Tiguihan, Pola, Oriental Mindoro	13°09'40.5"N, 121°26'08.1"E		CO level ranged from 7 ppm to 8 ppm, H <sub>2</sub> S concentrations ranged from 0.7 ppm to 0.8 ppm.

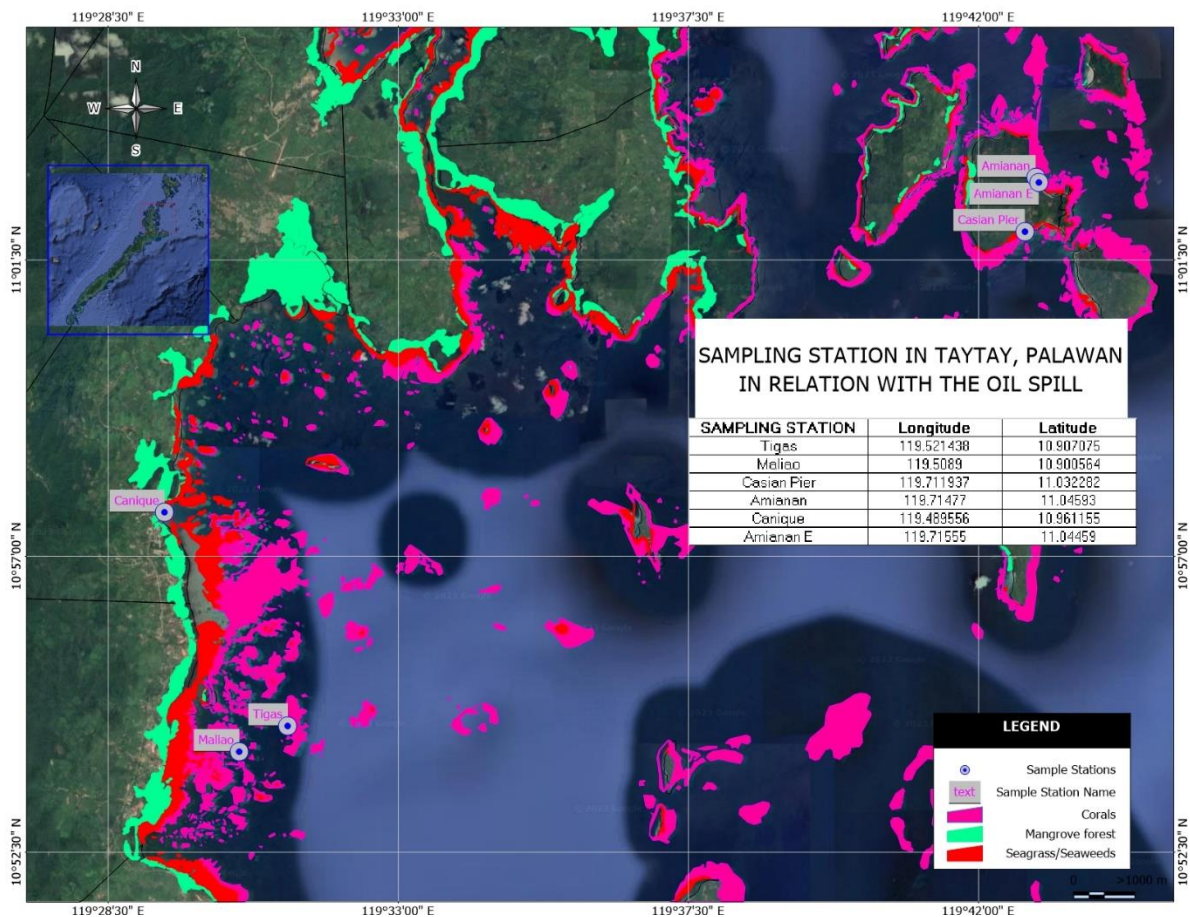
As of 13 March 2023, our Chief, PEMU – Oriental Mindoro is currently attending a Committee Hearing at the Committee Board Room, Batasang Panlalawigan (Benigno S. Aquino, Jr. Legislative Building, Camilmil, Calapan City regarding the “*Resolution directing the Committee o Environment, Natural Resources, Climate Change and Disaster Management to Conduct an inquiry, in aid of legislation, on the oil spill from the sunken MT Princess Empress in Oriental Mindoro, with the purpose of determining the extent of damage to the marine resources and coastal barangays in Oriental Mindoro and recommending appropriate prevention measures, contingency and rehabilitation plan as well as possible legal action against the owners/consignee of the sunken ship.*”



PALAWAN

On 11 March 2023, our sampling team from PEMU – Palawan lead by Ms. Mercedita Almorfe, Supervising EMS and Ms. Nicaith Enrile, EMS I, conducted water quality sampling on certain locations at Brgy. Casian, Taytay, Palawan.

Below is the map showing the coordinates and sampling locations where the water samples were collected:



SAMPLING STATIONS	COORDINATES	
	LONGITUDE	LATITUDE
TIGAS	119.521438	10.907075
MALIAO	119.5089	10.900564
CASIAN PIER	119.711937	11.032282
AMIANAN	119.71477	11.04593
CANIQUE	119.489556	10.961155
AMIANAN E	119.71555	11.04459

We will be providing additional updates as soon as verified information becomes available.

#### IV. WAYS AHEAD

This Office commits to continue providing technical assistance in all the clean-up operations, support the affected barangays, and assist the concerned LGUs in the safe collection, storage, and disposal of hazardous wastes.

This Office shall continue to monitor the situation and apprise the Undersecretary on all the latest situation development.

For the Undersecretary's information, reference, and further instructions, if any.

  
**JOE AMIL M. SALINO**

***Copy furnished:***

**ATTY. JUAN MIGUEL T. CUNA, CESO I**  
*Undersecretary for Field Operations*  
*Luzon, Visayas, and Environment*

**ATTY. JONAS R. LEONES, CESO I**  
*Undersecretary for Policy, Planning and International Affairs*

**LORMELYN A. CLAUDIO, CESO IV**  
*Regional Executive Director*  
*DENR – MIMAROPA Region*

**HON. HUMERLITO “BONZ” DOLOR**  
*Governor, Province of Oriental Mindoro*



R4B-2023-004613

ENRO Compound, Brgy. Suqui, Calapan City, Oriental Mindoro  
Regional Satellite Office: 6<sup>th</sup> Floor DENR by the Bay Bldg., 1515 Roxas Blvd., Ermita, Manila  
Office of the Regional Director: **(02) 8536 9786**; Administrative and Finance Division: **(02) 8536 9786**  
Environmental Management and Enforcement Division: **(02) 8633 2587**; Clearance and Permitting Division: **(02) 8633 2587**  
Records Management Unit: **(02) 8633 8900**  
E-mail Address: [embmimaropa@emb.gov.ph](mailto:embmimaropa@emb.gov.ph)  
Website: [www.mimaropa.emb.gov.ph](http://www.mimaropa.emb.gov.ph)

