



MEMORANDUM

FOR : THE CHAIRMAN
Pollution Adjudication Board

FROM : THE REGIONAL DIRECTOR
EMB MIMAROPA Region

SUBJECT : ENDORSEMENT AND RECOMMENDATON THAT A
POLLUTION CASE BE INSTITUTED AGAINST RDC
REIELD MARINE SERVICES & TRADING

DATE : 28 April 2023


Respectfully forwarded are the pertinent documents including, but not limited to, inspection reports, laboratory analysis, and status reports relative to 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 on 28 February 2023. 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.

This Office, in coordination with other government agencies, LGUs, and stakeholders, immediately began monitoring and sampling activities. Attached to this CSW are the results of analysis from the water samples collected at the identified sampling stations, water and air testing, clean-up and cash for work report, and donations gathered for the clean-up activities and endorsed for your ready reference.

Chronology:

28 February 2023 (around 2:00 AM per news report)	MT Princess Empress, an oil tanker on its way to Iloilo from Bataan carrying 800,000 liters of industrialized fuel, sank off Naujan, Oriental Mindoro on Tuesday, 28 February 2023. Initial investigation revealed that the distressed tanker encountered engine trouble due to overheating. It then drifted towards the vicinity waters off Balingawan Point due to rough sea conditions until it became half-submerged. Port of Batangas manager Joselito Sino Cruz told DZBB that the vessel sank at around 2 a.m.
28 February 2023	<p>DENR issued a statement on the maritime incident involving mt princess empress off the coast of Naujan, Oriental Mindoro.</p> <p>Preliminary reports gathered state that the vessel encountered engine trouble and drifted towards the vicinity waters of Naujan due to rough seas. It then became half-submerged.</p> <p>Access to the area was limited due to the bad weather. Observation of the impact has been limited to aerial survey. The DENR is continuously coordinating with the local government of Naujan and the Philippine Coast</p>



	<p>Guard (PCG). We are monitoring the site in relation to the potential marine biodiversity impacts and the possible risk to lives and livelihoods in the area due to the direction of the current and distance from the shoreline which may be affected.</p> <p>As of this time, the vessel is positioned on the eastern side of Mindoro Island at an estimated distance of 8 to 12 nautical miles. Wind direction is northwards.</p> <p>The Philippine Coast Guard has mobilized certified oil spill response organizations to support the PCG operations.</p> <p><i>Source: DENR issued a statement on the maritime incident involving mt princess empress off the coast of Naujan, Oriental Mindoro</i></p>
28 February 2023	<p>This Office issued a Memorandum for the immediate investigation and sampling on the reported issue.</p> <p>The field personnel on the same day coordinated with the Coast Guard and LGU Naujan. The following actions were undertaken:</p> <ol style="list-style-type: none"> 1. Coordinated with Coast Guard Station (CGS) Oriental Mindoro. Coast Guard Seaman First Ryan Carpena confirmed via phone call that one of their units is currently investigating the area and no oil spill has been officially reported as of 02:00 PM. 2. Coordinated with Naujan Local DRRMO III Joery M. Gereleo regarding the reported oil spill and the proposed ocular inspection of the site on 01 March 2023. Gereleo shared information that the coast guard has yet to reach the site due to strong winds and waves, thus, delaying confirmation of an oil spill. <p>10:59PM - DENR issued a statement relative to the maritime incident involving Mt Princess Empress off the coast of Naujan, Oriental Mindoro.</p> <div style="text-align: center;">  <p>DENR STATEMENT ON THE MARITIME INCIDENT INVOLVING MT PRINCESS EMPRESS OFF THE COAST OF NAUJAN, ORIENTAL MINDORO</p> <p>The Department of Environment and Natural Resources (DENR) was notified of the incident at approximately 1:30 PM today and immediately instructed its regional personnel to access the site.</p> <p>Preliminary reports gathered state that the vessel encountered engine trouble and drifted towards the vicinity waters of Naujan due to rough seas. It then became half-submerged.</p> <p>Access to the area was limited due to the bad weather. Observation of the impact has been limited to aerial survey.</p> <p>The DENR is continuously coordinating with the local government of Naujan and the Philippine Coast Guard (PCG). We are monitoring the site in relation to the potential marine biodiversity impacts and the possible risk to lives and livelihoods in the area due to the direction of the current and distance from the shoreline which may be affected.</p> <p>As of this time, the vessel is positioned on the eastern side of Mindoro Island at an estimated distance of 8 to 12 nautical miles. Wind direction is northwards.</p> <p>The Philippine Coast Guard has mobilized certified oil spill response organizations to support the PCG operations.</p> <p>###</p> </div>



<p>01 March 2023</p> <p>(Around 6:10 AM)</p>	<p>Oil Spill confirmed as reported by the Philippine Coast Guard via their Official Facebook Page. BRP Melchora Aquino (MRRV-9702) sighted oil spillage with around 6-kilometer long and 4-kilometer wide in the waters of Balingawan Point, Naujan, Oriental Mindoro. The monitored spillage is diesel fuel, not industrialized fuel oil (cargo). It was likewise confirmed that the MT Princess Empress had fully submerged.</p> <p>Oil spill assessment and oil spill response operation is being conducted and the Coast Guard Aviation Force will conduct an aerial surveillance. To control the spillage, the PCG is set to install an oil spill boom.</p> <p>Source: https://m.facebook.com/story.php?story_fbid=pfbid02YAKMFSwgVAUgB9Y8h83jQX3fCbDKOgfVZH8dfwoMdY2chBFnZRCUSmSTwbf6RyMLl&id=100064660843959&mibextid=Nif5oz</p>
<p>01 March 2023</p>	<p>This Office, in coordination with the PENRO Oriental Mindoro, Bureau of Fisheries (BFAR), and the Philippine Coast Guard (PCG), a preliminary investigation and water sampling to determine the extent and possible effects of the oil spill to the waterbodies of the province of Oriental Mindoro will be undertaken.</p> <p>This Office established a total of thirteen (13) water sampling stations.</p> <p>Municipality of Naujan</p> <ol style="list-style-type: none"> 1. Estrella Beach 2. Estrella 3. Sta. Cruz 4. Kalinisan 5. Antipolo 6. Pitugo Beach 7. Papangkii Beach 8. Montemayor Cove 9. Masaguig (16 has with fish sanctuary) 10. Tujod (30 has with fish sanctuary) 11. Buloc-Buloc (72 has MPA) <p>Municipality of Pola</p> <ol style="list-style-type: none"> 1. Poiacay Beach 2. Calima <p>Municipality of Pinamalayan</p> <ol style="list-style-type: none"> 1. Banilad <p>7:52 AM – The following Provincial Environmental Management Unit (PEMU) – Oriental Mindoro staff had a meeting with Naujan Naujan Local DRRMO III Joery M. Gereleo to explain the objective of the sampling and site visitation.</p>





1. Ma. Teresa Riziel I. Caya
2. Deunise Angelo H. Abu
3. Carlotta Levinia R. Jugno
4. Mary Grace M. Valiente
5. Ceasar G. Raymundo

During the meeting, Mr. Gereleo stated that the nearest area, as to Philippine Coast Guard (PCG) update on the half-submerged vessel, is at Barangay Hererra, Naujan, Oriental Mindoro. It is the boundary of the Municipality of Naujan & Pola. He added that no report of possible oil spill that may have been carried by the current was forwarded to their office by the barangays along Tablas Strait from Barangay Estrella to Barangay Hererra.

9:30AM – This Office coordinated with Pola Municipal Disaster Risk Reduction and Management Office (MDRRMO) on the status of the nearest area within their Municipality that may be affected by oil spill from the submerged vessel.

According to Pola MDRRMO, around 1:00 PM on February 28, 2023, Bantay Dagat roaming the area observed presence of oil spill but vanished in the near shore since the wave direction is going to the Province of Marinduque.

12:10 PM – The Philippine Coast Guard dispatched air surveillance to assess the extent of the oil spill. PCG further directed for the creation of a crisis management system. Aside from BRP Melchora Aquino (MRRV-9702), PCG will deploy BRP Habagat (TC-271) to serve as a marine pollution platform.

Source:

https://m.facebook.com/story.php?story_fbid=pfbid0cb3ZUZBaGqTWsC6VSxzQMq58yL54ZPJRWqTBVHj9cBq22pFwkibkWHy6VBzooEhgl&id=100064660843959&mibextid=Nif5oz


1:00 PM - EMB MIMAROPA Sampling Team have started the collection of water samples from the identified sampling stations.

1:56PM – During the Inter-Agency Meeting, this Office requested a copy of the submitted Safety Data Sheet on the Intermediate Fuel Oil from the PCG.

2:00PM – As reported by the Philippine Coast Guard via their Official Facebook Page, MTUG Titan commenced mechanical recovery of spilt oil in the vicinity waters off Naujan, Oriental Mindoro. On board are members of PCG, MEPU, EMB MIMAROPA, and Malayan Towage and Salvage Corporation (contracted by RDS Reield Marine Services Inc. For oil spill response operation).

Source: https://fb.watch/i_NAii6Dt/

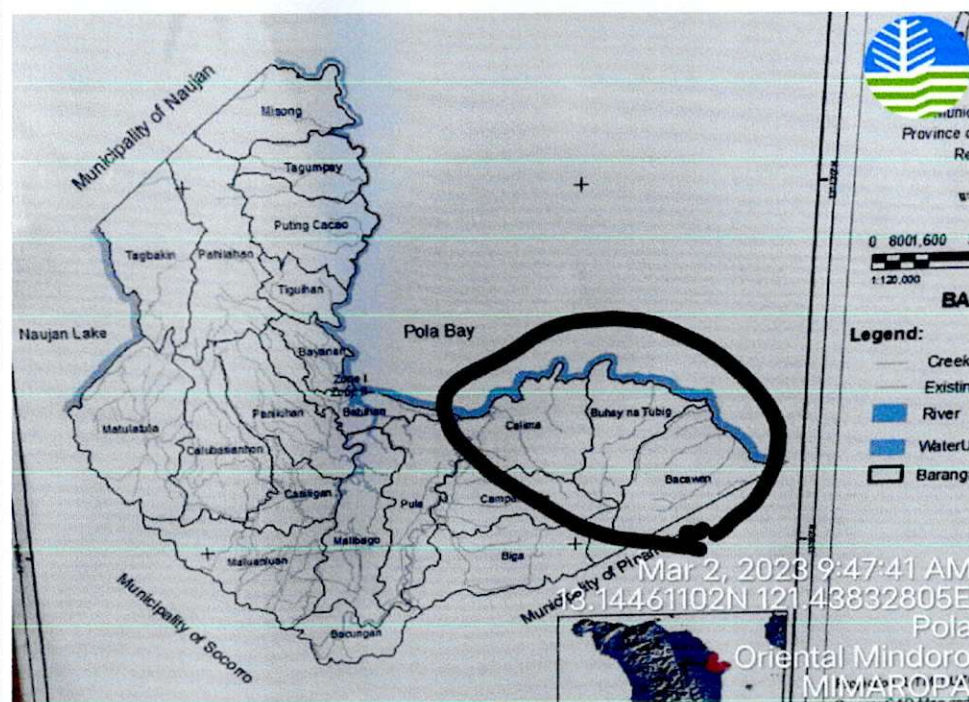


	<p>2:57PM – Sampling Team finished sampling activities at all 11 Stations in Naujan. As of today, the team observed no traces of the oil spill/oil sheen were seen in all 11 stations.</p> <p>3:00PM – The Philippine Coast Guard, via their Official Facebook Page, confirmed the presence and possible source of the oil spill (black and thick with strong odor) at the vicinity waters 7.4 nautical miles southwest off Balingawan Port, Naujan, Oriental Mindoro. MTUG Titan started spraying oil dispersants in the area. At 3:27PM, BRP Melchora Aquino (MTTV-9702) launched its rigid hull inflatable boat (RHIB) to gather water samples. The Marine Environmental Protection Unit has observed a black and thick oil on the collected water samples.</p> <p><i>Source: https://m.facebook.com/story.php?story_fbid=pfbid09th1ixERvwMsUHih08r3j7TmemRPGULvaNFbHPJQEAYsy7Je78VWx6MDYXGgqZcWl&id=100064660843959&mibextid=Nif5oz</i></p> <p>4:34PM – Collected water samples from 11 Naujan Stations arrived in EMB MIMAROPA Calapan Laboratory for analysis.</p> <p>9:41PM – DENR issued Statement No. 2: March 1, 2023 DENR FORMS “TASK FORCE NAUJAN OIL SPILL”, CRAFTS CONCRETE MEASURES TO PROTECT MARINE ECOSYSTEMS</p> <div style="text-align: center;">  <p>DENR FORMS “TASK FORCE NAUJAN OIL SPILL”, CRAFTS CONCRETE MEASURES TO PROTECT MARINE ECOSYSTEMS DENR Statement No. 2: March 1, 2023</p> <p>The Department of Environment and Natural Resources (DENR) has created Task Force Naujan Oil Spill after an emergency meeting convened between the Department, the Philippine Coast Guard, Oriental Mindoro Governor Bonz Dolor, and Naujan Mayor Henry Joel Teves. DENR Secretary Maria Antonia Yulo Loyzaga has designated Undersecretary and Chief of Staff Marlou Ermi as Task Force Commander. Undersecretary Ermi previously served as the corporate ground response coordinator during the Guimaras Oil Spill in 2006.</p> <p>Other members of the Task Force include Undersecretary Jonas Leones, Undersecretary Juan Miguel Cuna, Assistant Secretary and concurrent Environmental Management Bureau (EMB) Director Gilbert Gonzales, Assistant Secretary and concurrent Biodiversity Management Bureau (BMB) Director Marcial Amaro Jr., Regional Executive Director Lornelyn Claudio, and representatives from the local government units: Provincial Environment and Natural Resources (PENR) Officer Alma Gibe and City Environment and Natural Resources (CENR) Officer Rodel Boyles.</p> <p>The Philippine Coast Guard (PCG), particularly its Marine Environmental Protection Command, is the lead agency tasked with response operations in the affected area. PCG confirmed that the MT Princess Empress, which carries 800,000 liters of industrialized fuel oil, has already submerged. With known coordinates, PCG will install spill booms to protect the locally-managed marine protected areas. The Task Force, in cooperation with PCG and the Philippine Air Force, will conduct an aerial surveillance in the coming days to further assess the situation.</p> <p>As of writing, the oil spill has reached an area six kilometers long and four kilometers wide. DENR-EMB carried out water sampling in three municipalities: Naujan, Pola, and Pinamalayan. A DENR-BMB report states that on a maximum of 40-kilometer radius from SNM East of Balingawan Port, 21 locally-managed marine protected areas (LMMPAs) can be potentially affected due to oil spillage. It has mapped potential risk areas including seagrass beds, mangroves, and dispersion pathways for spawned fish larvae.</p> <p>The Secretary expressed the DENR's full support and assistance to Governor Dolor, Mayor Teves, and the other local governments affected. It has coordinated with experts in the private sector to immediately address the emergency situation and create a mid to long-term risk management strategy for the affected areas. ###</p> </div>
02 March 2023	<p>5:48AM – EMS II Adz Hazen M. Dimapilis boarded PCG tugboat to the oil spill site. Three different teams were also formed for the conduct of sampling activities in Naujan, Pola, and Pinamalayan. The Naujan sampling team however is on standby due to strong winds/wave. Sampling was also conducted along the shoreline and mangrove area.</p>



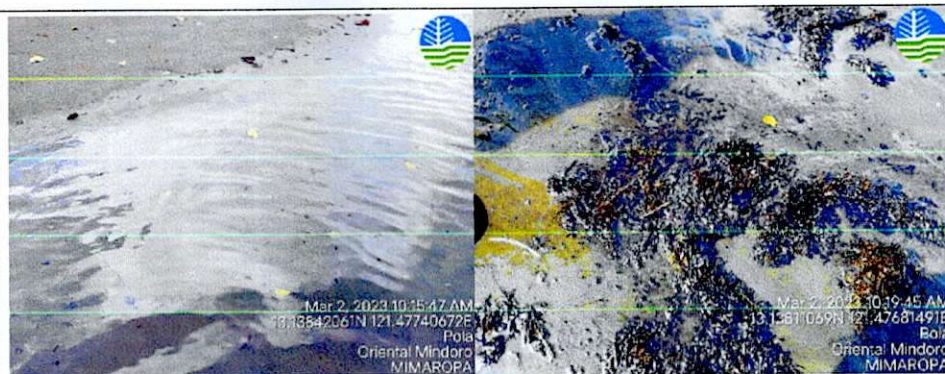
9:00AM – As of 9:00AM, oil spill was sighted. Wind direction is toward Pola shore.

9:17AM – Per PDRRMPO, there was sighting of oil in Bakawan, Pola. One of the teams already proceeded for sampling. Local DRRMO John F. Genabe shared that three barangays (Calima, Buhay na Tubig, and Bacawan) in Pola are confirmed to be affected by the oil spill and showed presence of a black sticky substance which have reached the shore area. Said areas have previously been declared as Marine Protected Areas (MPA)

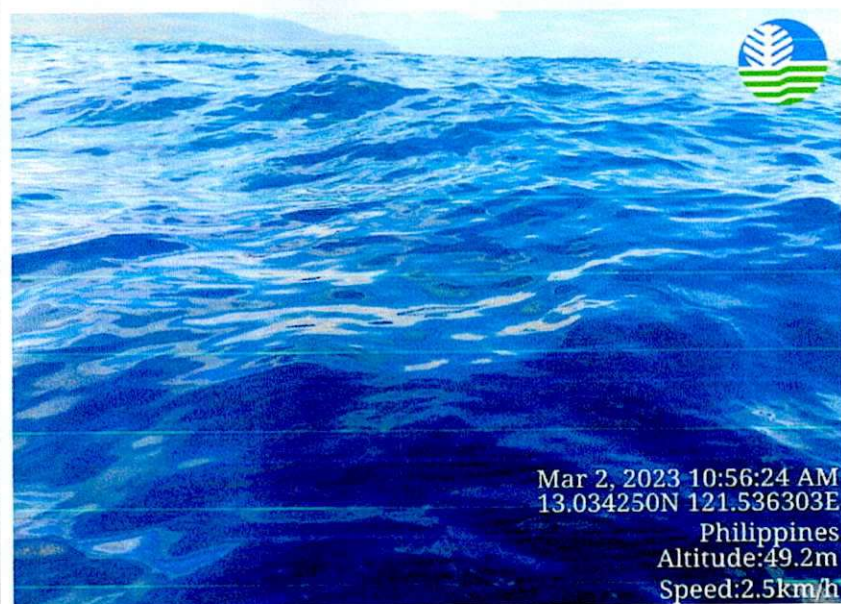


10:20AM – EMB team, together with some personnel of LGU Pola, conducted an ocular inspection and water sampling at Calima Proper. Inspection revealed that the oil spill reached the shore area, and the oil film stretches towards the mangrove area brought about by the strong winds.





10:39AM – EMB team deployed to Pinamalayan area shared information from Bantay Dagat that the oil spill reached Pinamalayan. Said team then proceeded to Pinamalayan and observed oil film in Lumangbayan area.



10:47AM – EMB Naujan sampling team started their water sampling. Six water samples were collected out of 11 sampling stations. Strong winds and waves hindered the team from collecting samples in all 11 stations.

10:48AM – The team deployed to Pola area conducted another water sampling at Polacay Beach. No oil film has been observed near the shoreline. However, residents reported a strong odor similar to the smell of fuel near the shore.

11:20AM – Pola team was informed that an emergency meeting composed of all barangay captains of the affected areas, MDRRMO, MENRO, other LGU units, and the Office of the Municipal Mayor will be conducted at 01:00 PM. PEMU-Oriental Mindoro personnel were also invited to attend the meeting to hear updates on the status of coastal areas within their vicinity.

11:40AM – Pinamalayan team captures photos of sacks covered with traces of black wastes from the oil spill collected by Bantay Dagat.





11:55 AM – The Philippine Coast Guard, via their Official Facebook Page, announced that they have observed oil spill stranding along the shoreline of Barangay Buhay na Tubig, Pola, Oriental Mindoro. MEPU, LGU, stakeholders have been informed to proceed to the area for shoreline clean-up.

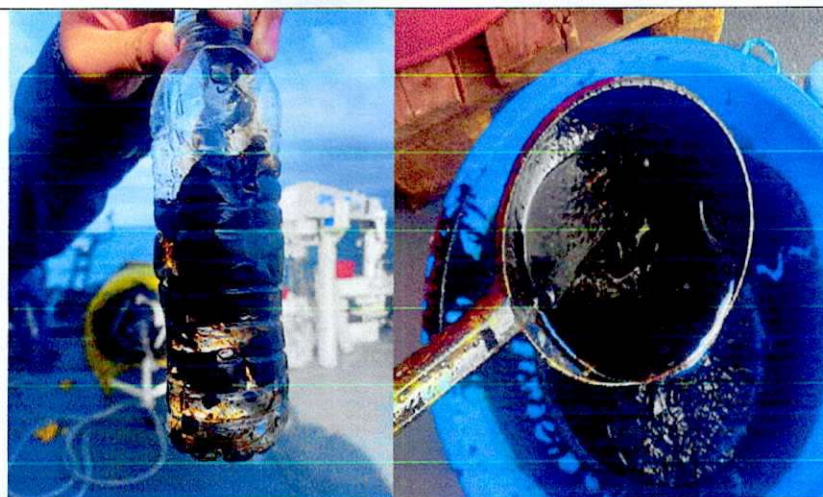
Source: https://m.facebook.com/story.php?story_fbid=pfbid02CL14fbzqEWvgDSLvkB8VbSFuggbSfh3TFDUkouocoF9Wk56QmuRYgu5tf8usZY45l&id=100064660843959&mibextid=Nif5oz

12:00NN – An incident of fish kill was reported in Pola and clean-up activities at Calima is ongoing.



1:00PM – The Philippine Coast Guard, via their Official Facebook Page, confirmed the presence of industrial fuel oil (cargo) mixed in the spilt diesel fuel from MT Princess Empress. MTUG Titan is continuously applying dispersant. Patches of emulsified oil was observed during shoreline assessment. Per Bantay Dagat, the same has reach Sibale Island (more or less 1 ha.)





5:00PM – The DENR Secretary, through the official social media platforms of the Department, issued an official statement confirming that the oil spill has reached the municipal waters of Pola, Pinamalayan, Gloria, and Bongabong, Oriental Mindoro and appears to be flowing towards the southern portion of Oriental Mindoro.

According to the Department's Strategic Action Plan, the following measures are being taken to address the impact of the oil spill:

1. Collection of water samples in twelve (12) sites as of March 01, 2023;
2. Focusing on clean-up operations;
3. Marine and offshore response actions have been undertaken by the Philippine Coast Guard and Bureau Fisheries and Aquatic Resources;
4. Certified dive teams have also been deployed for the rapid assessment of marine and coastal habitats;
5. Possible contamination which might affect the viability of the systems;
6. Deployment of the underwater remotely operated vehicle to assess potential impact;
7. Launch drones to monitor progress of oil spill;

Furthermore, the Secretary also emphasized that the Department is focused on determining the extent of the impact, containing the spread of the oil spill and hasten the clean-up operations to prevent further impact on marine biodiversity especially on the livelihood of the local communities.



	<p>9:00PM – A meeting was called via zoom and attended by the DENR Secretary, other government agencies concerned, and some experts to discuss the issues, specifically on what measures should be taken to address the oil spill and to prevent further environmental damage. Among the data that should be gathered are as follows:</p> <ol style="list-style-type: none">1. To find out what kind of dispersant was applied and the effects that it may have on the receiving waterbody and environment.2. To find out If the oil from the vessel and its cargo is continuously releasing fresh fuel/oil.3. How to address the containment and removal of the pollutant, vessel, and its cargo.4. Need to know the extent of coverage of the oil and slick.5. Identify areas with reefs, mangroves, and grass beds that may be affected and to find plausible ways to protect the sensitive areas.6. We should also look at possible effects to the air quality since the vessel is a bunker. <p>It was mentioned that the oil spill has reached the municipal shores of Pola, Pinamalayan, Gloria, and Bongabong. The team had difficulties reaching ground zero on Day 1 due to the weather and due to the strong wind and waves, the dispersal of the oil was too fast. Thus, use of tar balls may no longer be effective.</p> <p>About utilizing dispersants and incineration, dispersants can only be used within the first 24 hours, otherwise the effect will be limited since the oil is no longer dispersible being too thick. While incineration must only be done in open sea and is not advisable since it may result in residues contributing to (TAH?) which is hazardous to organisms.</p> <p>The DENR Secretary instructed DENR to focus and hasten the coastal clean up activities while also actively looking for solutions. The PCG and BFAR will handle the offshore and marine response actions.</p> <p>10:00PM - The Regional Environmental Laboratory of EMB – MIMAROPA Region has released the Result of Analysis based on the water samples collected from the established sampling stations in Naujan, Oriental Mindoro and ground zero (oil spillage area) on 01 March 2023. The water samples collected from ground zero and seven (7) sampling stations namely: Estrella, San Jose 1, San Jose Proper, Pitugo Beach, Papangkil Beach, Montemayor Proper, and Tujod Fish Sanctuary, shows that the water quality greatly exceeded the parameters for Oil and Grease as required under DENR Administrative Order No. 2016-08.</p>
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Date sampled: 01 March 2023

Station Name	RESULT OF ANALYSIS (for Oil and Grease)	DENR WQG (mg/L) For Class SB	REMARKS
Estrella Beach	2	2	Passed
Estrella	13	2	Exceed
Santa Cruz	<1	2	Passed
San Jose 1	11	2	Exceed
San Jose Proper (Antipolo)	21	2	Exceed
Pitugo Beach (Melgar A)	7	2	Exceed
Papangkil Beach (Melgar B)	9	2	Exceed

**in the absence of official classification, Class SB was used for the determination of its most beneficial usage*

Date sampled: 01 March 2023

Station Name	RESULT OF ANALYSIS	DENR WQG (mg/L) For Class SA*	REMARKS
Buloc Buloc (Montemayor Cove) Fish Sanctuary	<1	1	Passed
Montemayor Proper	2	1	Exceed
Masaguig (MPA)	<1	1	Passed
Tujod Fish Sanctuary (MPA)	15	1	Exceed

**in the absence of official classification, Class SA was used for the determination of its most beneficial usage*

Date sampled: 01 March 2023

Station Name	RESULT OF ANALYSIS	DENR WQG (mg/L) For Class SD*	REMARKS
Ground Zero	36	5	Exceed

**in the absence of official classification, Class SD was used for the determination of its most beneficial usage*

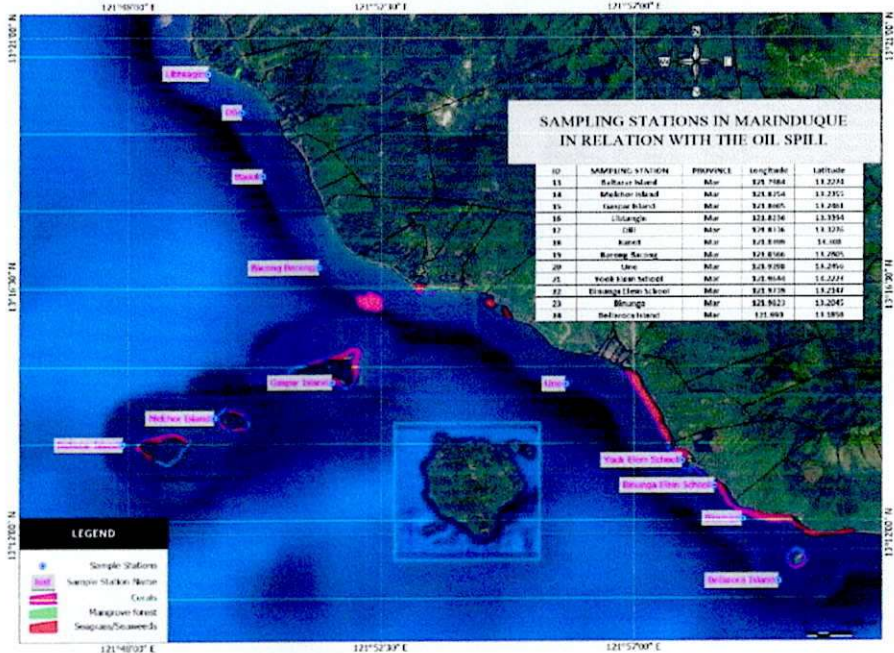
03 March 2023

EMB MIMAROPA RD Joe Amil M. Salino, together with DENR Secretary Yulo – Loyzaga, and Assistant Secretary Gilbert G. Gonzales, Director, Environmental Management Bureau, in concurrent capacity as OIC Assistant Secretary for Field Operations for Luzon and Visayas, visited Calapan City, Naujan, and Pola, Oriental Mindoro during which aerial assessment, coordination with local government units was conducted to assess the current situation of the oil spill in the province.





Personnel from EMB – MIMAROPA Regional Office and Environmental Management Services – **Marinduque** are conducting water quality sampling in the following locations to validate the potential impact of the oil spill within the province of Marinduque:



In addition, personnel from the Provincial Environmental Management Unit (PEMU) – Oriental Mindoro are currently conducting water quality sampling in the following fish sanctuaries in Pinamalayan, Oriental Mindoro namely: Simborio Fish Sanctuary, Ginapangan Fish Sanctuary and Pili Fish Sanctuary.

Other sampling teams from PEMU – Oriental Mindoro are simultaneously conducting continuous water quality sampling in Pola, Roxas, and Bongabong, Oriental Mindoro.

EMB MIMAROPA Regional Director Joe Amil M. Salino, together with other personnel of EMB MIMAROPA Region, conducted ocular inspection of coastal barangays affected by the oil spill in Pola, Oriental Mindoro. Also present during the visit are Provincial Environment and Natural Resources Officer-Oriental Mindoro Alan L. Valle, Community Environment and Natural Resources Officer-Socorro Rodol M. Boyles, personnel of PENRO-Oriental Mindoro, representatives from CENRO-Socorro, and local government personnel of Pola. Said inspection was conducted to assess the extent of environmental damage caused by the oil spill from the sunken oil tanker at Balingawan Point in the municipal waters of Naujan, Oriental Mindoro. Said oil spill reached the shorelines of nine coastal barangays of



Pola including Misong, Tagumpay, Puting Cacao, Tiguihan, Bayanan, Batuhan, Calima, Buhay na Tubig, and Bacawan.

Efforts to clean up the affected areas started earlier today and were participated by DENR personnel, LGU-Pola, private firms, and residents.

RD Joe Amil M. Salino also paid courtesy visit to Pola Municipal Mayor Hon. Jennifer M. Cruz wherein discussion of additional measures to address and prevent further contamination of waterbodies in the municipality of Pola and other coastal areas in the province of Oriental Mindoro were discussed.

RD Joe Amil M. Salino assured LGU-Pola of the technical assistance that will be continuously provided by EMB MIMAROPA Region in the duration of the oil spill crisis.



10:00AM - A Zoom Meeting was convened by the Office of Civil Defense (OCD) – MIMAROPA Region headed by OCD Assistant Secretary Bernardo Alejandro IV and was participated by various government agencies. During the meeting, Asec. Alejandro directed the deployment of additional manpower from civilian law enforcement agencies to provide assistance. Meanwhile, the Philippine Coast Guard (PCG) was directed to aid in the containment of the oil spill, coastal clean-up and recovery of the vessel. Representatives from the PCG also provided an update stating that earlier today, CG Admiral Artemio M. Abu, Commandant, PCG, has conducted an aerial surveillance of areas affected by the oil spill and that their Office has already augmented two (2) vessels in the operations.

According to the representative of the Marine Environmental Protection Unit, the water samples collected are still under laboratory analysis to confirm whether the oil spill already includes Industrial Fuel Oil.



	<p>1:00 PM - The PCG, through their official social media platforms, has reported that during the conduct of aerial surveillance, they have observed an oil spillage spanning two to three kilometers long, along the coast of Naujan, Oriental Mindoro.</p> <p>Also, according to various media outlets, Mayor Jennifer Cruz of Pola, Oriental Mindoro has declared a state of calamity in the municipality due to the massive effect of the oil spill from the sunken MT Princess Empress.</p> <p>2:00PM - 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.</p> <p>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.</p> <p>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.</p> <p>5:16PM - 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. 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. 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.</p> <p>*Private firms join efforts to clean up Pola coast after oil spill</p> <p>Various private companies in the province of Oriental Mindoro volunteered to assist in cleaning up wastes from oil spill in the coastal barangays of Pola, Oriental Mindoro on 03 March 2023.</p> <p>Three private companies provided a total of 80 drums to be used as containers for the wastes collected during a series of cleanup activities in the Municipality of Pola, with 50 drums coming from the DMCI Power Corporation and 30 other drums from Power One Corporation.</p> <p>DMCI and Power One Corporation also sent volunteers to help in the conduct of cleanup activity. Meanwhile, Ormin Power Incorporated assures provision of 10 additional drums for the continuation of cleanup activities in the affected barangays.</p>
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8:56 PM – An email/update from UP-MSI was received relative to major updates and development since last night's meeting held via Zoom.

- Sec. Toni and Dr. Siringan and team went to Mindoro to assess situation on the ground (images released via news)
- MSI released a [Bulletin](#)
- Mindoro now under State of Calamity
- DOE received samples for fingerprinting, NSRI in UP Diliman also offered to assist
- Alleged location of the vessel has been determined by PCG
- NAMRIA will go to Mindoro to determine the exact location of the vessel
- PhilSA released images this morning showing the extent of the slick
- MSI developed a hydrodynamic model to determine the trajectory of slick, mainly going south of Mindoro, passing through Antique and will hit Coron
- Presence of slicks reported in Caluya and Semirara in Antique around 4pm this afternoon but still being confirmed if the same or a separate incident.
- If true, this is consistent with the model developed by MSI.
- If this continues, the next big island to be hit is Coron based on the model. Dr. Villanoy re-running to confirm when the slick will arrive in Coron. Updated model will be available tonight around 10pm.

Action point:

- Warn and inform Coron to prepare

As discussed during the emergency meeting last night, we have collated some information to:

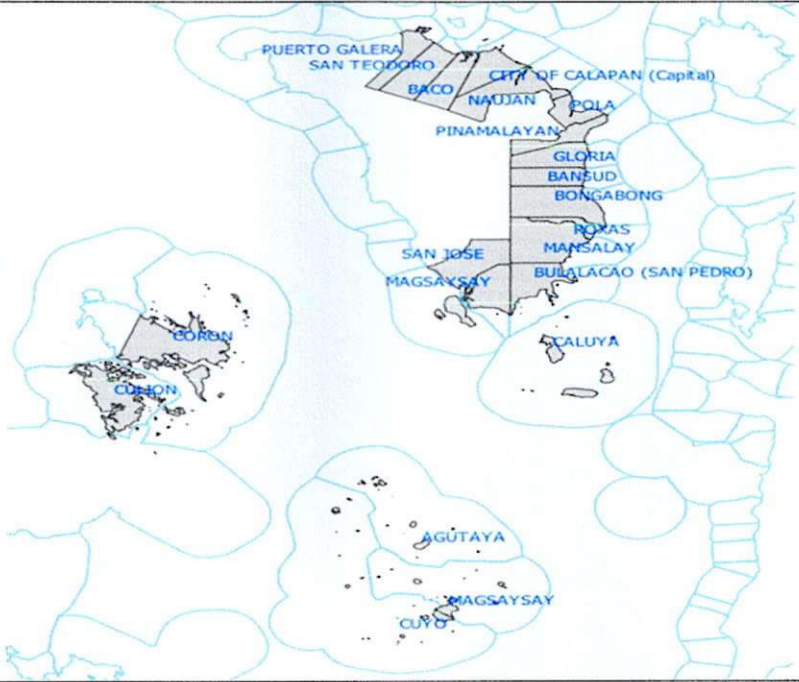

- run hydrodynamic model
- release a bulletin

PROVINCE	MUNICIPALITY	CORAL (HA) 1	MANGROVE (HA) 2	SEA (HA)
Oriental Mindoro	San Teodoro	106.99	160.23	



Oriental Mindoro	Mansalay	286.02	53.53
Oriental Mindoro	Calapan City	11.20	967.92
Oriental Mindoro	Bulalacao (San Pedro)	1,128.21	199.24
Oriental Mindoro	Baco	16.44	646.69
Oriental Mindoro	Puerto Galera	316.86	43.81
Oriental Mindoro	Pola	194.32	312.91
Oriental Mindoro	Pinamalayan	42.37	45.40
Oriental Mindoro	Naujan	44.86	456.24
Oriental Mindoro	Bongabong	0.00	648.55
Oriental Mindoro	Bansud	0.00	42.40
Oriental Mindoro	Gloria	0.00	24.58
Oriental Mindoro	Roxas	0.00	121.41
Occidental Mindoro	Magsaysay	406.14	375.66
Occidental Mindoro	San Jose	1,891.37	410.07
Palawan	Coron	1,102.97	2,264.01
Palawan	Culion	630.08	2,505.21
Palawan	Agutaya	2,557.81	0.00
Palawan	Magsaysay	4,899.07	148.97
Palawan	Cuyo	3,661.68	120.50
Antique	Caluya	2,925.68	356.89
Habitat hectarage from UP-MSI			

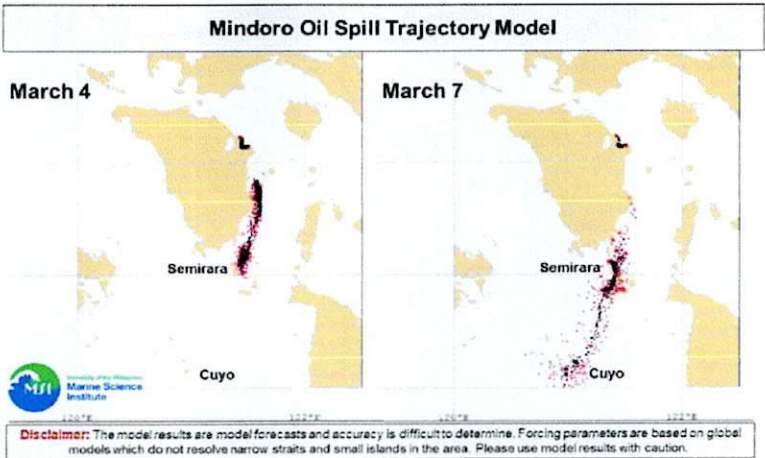


	
04 March 2023	<p>9:19AM - The PCG, through their official social media accounts, has confirmed that the impact of the oil spill has reached the shorelines of Caluya, Antique. The PCG District Western Visayas conducts PRESS BRIEFING regarding "spilt oils" monitored in Caluya, Antique.</p> <p>Specifically, oil slicks were found in the following barangays of Caluya, Antique, to wit:</p> <ol style="list-style-type: none">1. Sitio Sabang, Brgy. Tinogboc (1 kilometer);2. Liwagao Island, Brgy. Sibolo (2 kilometers);3. Sitio Tambak, Brgy. Semirara (2 kilometers) <div data-bbox="451 1360 1304 1675"></div> <p>9:30AM – EMB MIMAROPA is continuously conducting water quality sampling activities in certain locations within Oriental Mindoro, Romblon, and Marinduque. Coordination with the respective LGUs, other concerned agencies, and stakeholders are likewise being made.</p> <p>9:54AM – UP-MSI Shared via group email the Mindoro Oil Spill trajectory model for March 04-07, 2023. The model (Scenario 3) considers the continuous release of oil from the suspected seepage location but was also initialized with the latest information on the</p>

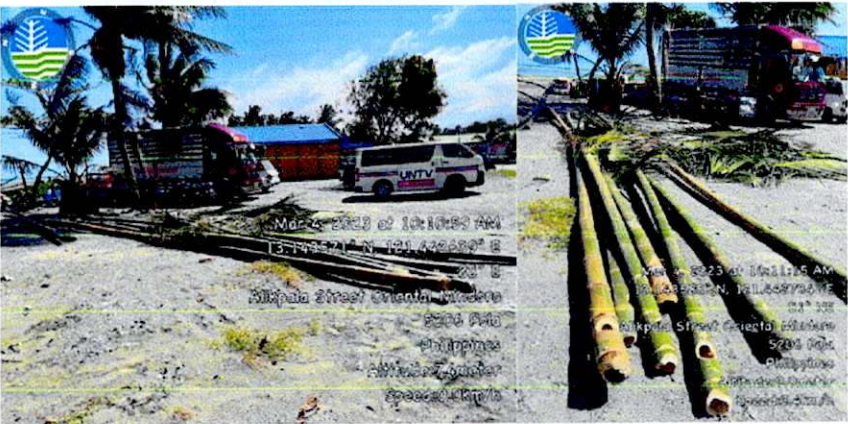


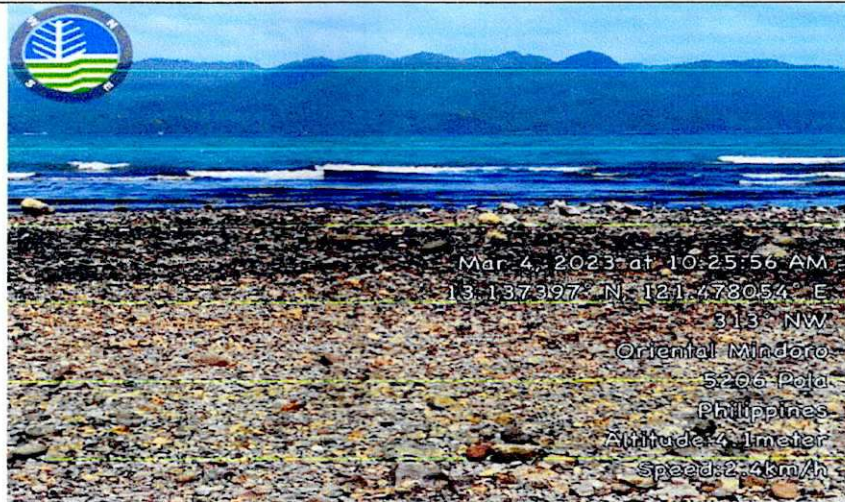
location of the observed slick. This model shows the oil slick being transported southwards, which has now been confirmed to have reached the coasts of Pinamalayan and Bongabong. It also shows that some of the slick may pass through Caluya Island (Northwestern Antique) and could eventually reach Cuyo Island in Sulu Sea.

Disclaimer: The model results are model forecasts and accuracy is difficult to determine. Forcing parameters are based on global models which do not resolve narrow straits and small islands in the area. Please use model results with caution.



10:21AM – This Office captured photos of the raw materials to be used in the production of improvised spill booms that will be installed to prevent further intrusion of slick in the municipal waters of Pola, Oriental Mindoro. Traces of tar on the shore of Calima Beach in Pola, Oriental Mindoro was also observed.






10:21AM – The Marinduque Sampling Team is now on their way with the samples gather to Optimal Laboratories, who volunteered to help in the analysis.

10:30AM – ABS-CBN News reported that the Provincial Health Office of Oriental Mindoro suspended the clean-up activities due to lack of protective gears.




Gov. Humerlito Dolor from the Province of Oriental Mindoro sent a letter addressed to the Embassy of Japan in the Philippines through Secretary Enrique Manalo, DFA, requesting for the assistance of the Japanese Government through the provision of Oil Containment Booms and other equipment.





Republic of the Philippines
PROVINCE OF ORIENTAL MINDORO
OFFICE OF THE GOVERNOR



04 March 2023

EMBASSY OF JAPAN IN THE PHILIPPINES
1300 Roxas Boulevard, Pasay City

Through **SECRETARY ENRIQUE MANALO**
Department of Foreign Affairs
Manila

His Excellency Kazuhiko Koshikawa

Warmest greetings from Oriental Mindoro!

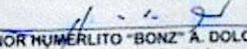
The oil spill in the waters of Oriental Mindoro caused by the sinking of oil tanker MT Princess Empress, carrying 800,000 liters of fuel, continues to threaten not only the marine protected areas in the province, but the livelihood of more than 10,000 fisherfolks located in nine (9) municipalities in Oriental Mindoro. The continuous widening of the oil spill coverage has to be controlled the soonest possible time given the increasing gravity of its effects as days go by.

In this regard, this humble representation is being made for and in behalf of all Oriental Mindorens in seeking the assistance of the Japanese Government through the provision of Oil Containment Booms and other equipment that will help us contain the oil spill and keep the damage to our seas, which is part of the Verde Island Passage, the center of the world's marine biodiversity, from getting worse.

I am humbly appealing to the Japanese government's generous consideration in providing this much needed assistance to Oriental Mindoro. I look forward to your most encouraging response.

Thank you very much!

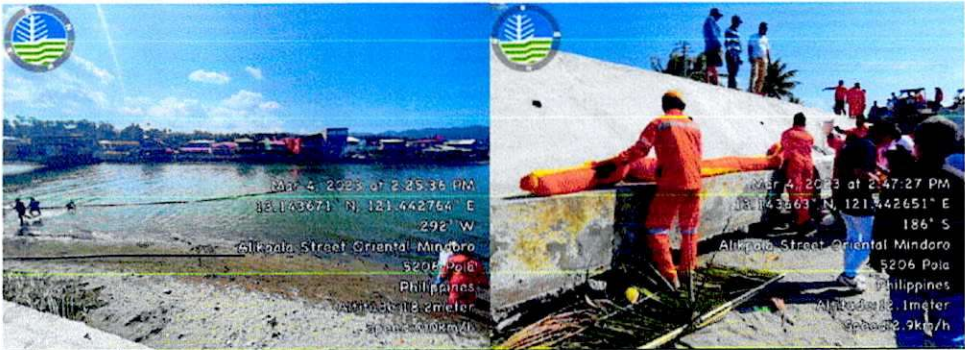
Very truly yours,



GOVERNOR HUMERLITO "BONZ" A. DOLOR, MPA, Ph.D.
Senior Vice President for Luzon South, League of Provinces of the Philippines

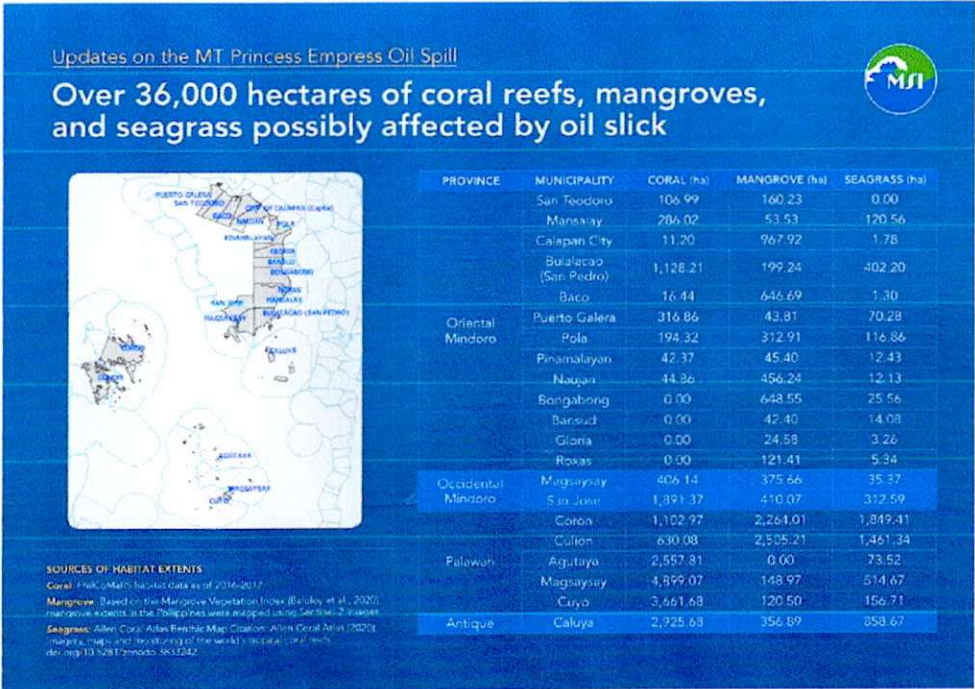
Office of the Governor, 35 Executive Building, Provincial Capitol Complex, Grade 25, Calapan City, 5205 Oriental Mindoro, Philippines.
Office of the Governor (043) 286-7770 (043) 286-7773 | go@omd.gov.ph | www.oriental.gov.ph

2:30PM – This Office documented the ongoing installation of improvised spill boom in the municipal waters of Pola, Oriental Mindoro.





11:30PM – UP MSI posted Bulletin #03 Over 36,000 ha of coral reefs, mangroves, and seagrass may possibly be affected by the oil slick. Using the modeled oil spill trajectories and looking at higher resolution data, UP MSI approximate that 20,000 ha of coral reef, 9,900 ha of mangroves and 6,000 ha of seagrass may be affected by the oil slick in the following municipalities (see table and map in image). More than half of potentially affected reefs (11,000 ha) are found in the Cuyo group of islands.



05 March 2023

1:37AM –The DENR-EMB MIMAROPA continues its cleanup operations using locally available oil-absorbent materials. EMB is currently installing provisional spill booms made of cogon and sawali. These barriers are precautionary measures to prevent the oil spill from reaching the beach and mangrove areas of Pola, Oriental Mindoro. The DENR Biodiversity Management Bureau (BMB) will also conduct a concurrent site assessment of 53 hectares of mangroves in the area.

Members of the DENR Task Force MT Princess Empress, including Task Force Commander Undersecretary Malu Erni and Undersecretary Jonas Leones, will be on site in Calapan, Oriental Mindoro on March 5 to develop a localized plan of action in cooperation with local government officials and other responders.



Complete Bulletin No. 01 : <https://tinyurl.com/DENRBulletin01>

10:15AM – Optimal Laboratories Inc. arrived in Oriental Mindoro to conduct ambient air sampling. Optimal Lab will be joined by personnel from PEMU Oriental Mindoro.

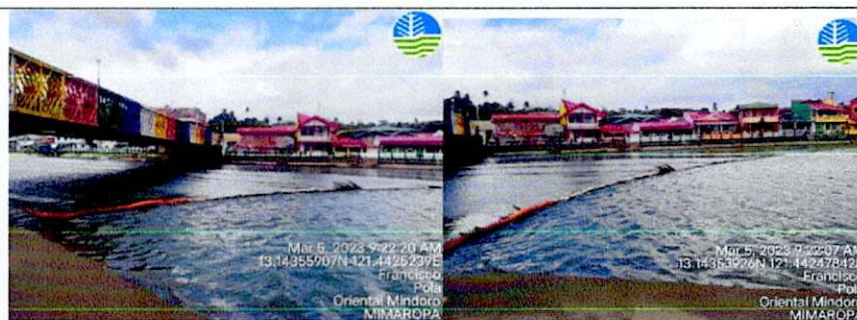


9:00AM - DENR Chief of Staff Marilou G. Erni and Usec. Jonas Lleones arrived at the Provincial Environment and Natural Resources Office (PENRO)-Oriental Mindoro in Suqui, Calapan City to conduct site assessment and craft a localized plan of action for the area. Said DENR officials are being assisted by DENR MIMAROPA Regional Executive Director Lormelyn Claudio, EMB MIMAROPA Regional Director Joe Amil Salino, PENRO Alan Valle, PEMU-Oriental Mindoro Chief Ederlita U. Labre, CENRO-Socorro Rodol M. Boyles, and other DENR and EMB personnel.



9:20AM - EMB MIMAROPA field personnel captures photos of improvised spill booms in Pola, Oriental Mindoro. Said spill booms are installed to prevent the spread of slick into the municipal waters of Pola.



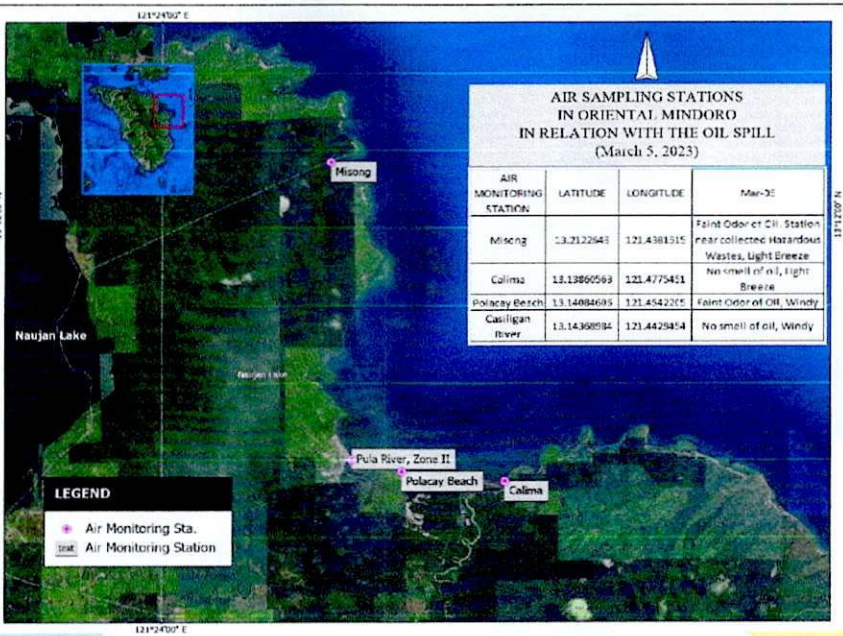


12:00PM - DENR Task Force Commander Undersecretary Marilou Erni and Undersecretary Jonas Leones, DOH Officer-in-Charge Dr. Maria Rosario Singh-Vergeire, Oriental Mindoro Governor Humerlito "Bonz' Dolor and Pola Mayor Jennifer "Ina Alegre" Cruz have a dialogue with the local community and media regarding the treatment, storage, and disposal of oil. They also shared initial actions being taken from the coherent and localized response plan of all agencies concerned to ensure the community's health and wellbeing.



3:46PM – EMB MIMAROPA together with Optimal Laboratories, Inc. proceeded to conduct ambient air samplings at Barangays Misong, Pola, Calima, and Polacay Beach, Pula River Zone II





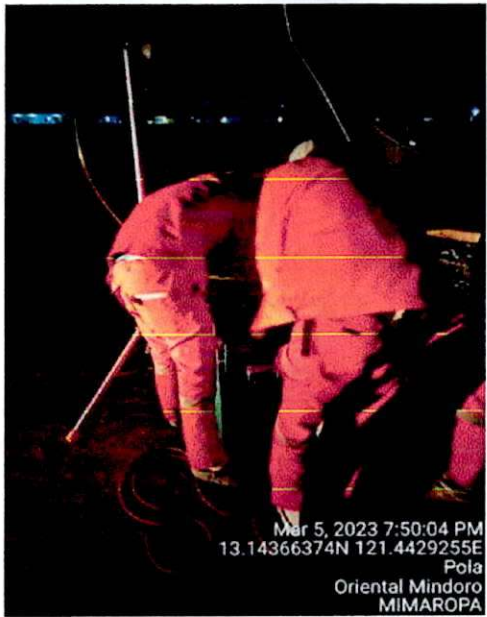
Equipment Type: Trigas Meter
Sampling Date: 05-Mar-23
Parameters: SO2 and NO2

	Sampling Stations			
	1	2	3	4
	Misong	Calima	Polacay Beach	Casligan River
GPS Coordinates	13.2122643, 121.4381315	13.13860563, 121.47754507	13.14084606, 121.45432091	13.14368964, 121.44294337
Time Started	1:48:00 PM	4:12:00 PM	5:35:00 PM	6:48:00 PM
Time Ended	2:58:00 PM	5:11:00 PM	6:35:00 PM	7:48:00 PM
Weather	Sunny	Sunny	Windy	Windy
Observations	Faint odor of oil, Station is near collected hazardous wastes; light breeze	No smell of oil; light breeze	Faint odor of oil, Windy	No smell of oil; Windy



And Station 2 located at Calima, Pola, Oriental Mindoro.





4:00PM - EMB MIMAROPA Regional Director Joe Amil M. Salino presents the latest situational report during a virtual meeting with DENR Secretary Ma Antonia Yulo-Loyzaga.



06 March 2023

8:04AM - Coron sampling team and PCG are on their way to the 8 sampling stations to gather water samples.



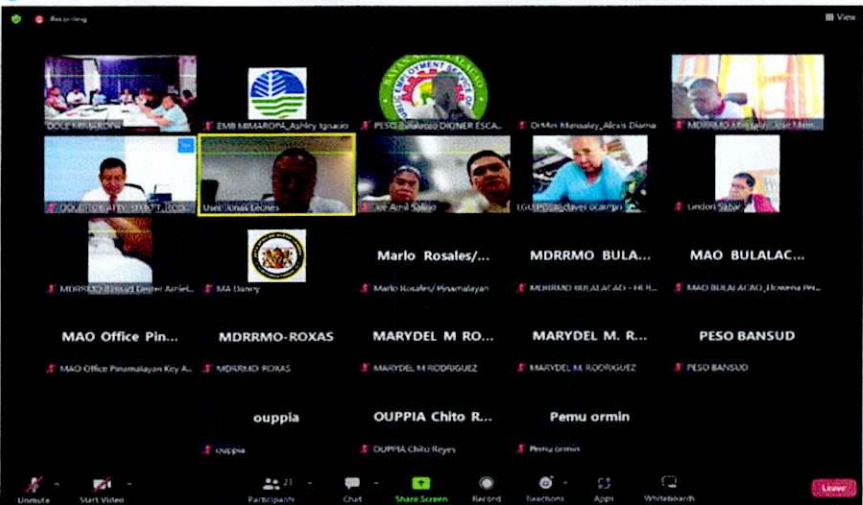
10:57AM – Initial report from Personnel from PEMU Palawan shows that they have coordinated with LGU Agutaya relative to reports of oil spill in the municipality. Five barangays in the municipality are also at risk. The Mayor of Agutaya instructed the Barangays to prepare improvised spill booms to contain possible contamination. LGU is having difficulty in transportation to the island barangays due to the GALE warning. This Office is preparing for the onsite inspection and sampling activities to be conducted in Agutaya Island to validate whether any of the islands have been affected by the oil spill.

11:00AM – EMB MIMAROPA attended a virtual meeting with Atty. Janice Regoso-Pammit, Chief, Legal Division and Concurrent Board Secretary, Pollution Adjudication Board (PAB), Atty. Arjunn Calvo from EMB R6 LU, Atty. Jed Edward Ang to discuss the oil spill and Notice of Violation that will be issued against the owner of MT Princess Empress.



It was agreed during the meeting that coordination with PCG is important to know what legal actions they have undertaken. Further, a meeting with EMB MIMAROPA, PAB, EMB CO, EMB R6, PCG, and DENR will be scheduled on March 7/8, 2023 to discuss and finalize the legal action that will be taken.

12:04PM – Coron Sampling team was able to conduct water quality sampling in certain locations within Coron, Palawan. Furthermore, an ongoing meeting is being conducted participated by the EMB MIMAROPA RD Joe Amil Salino together with Usec. Jonas Leones and personnel from the Department of Labor and Employment (DOLE) – MIMAROPA for the profiling of possible volunteers for cash to work program for fisherfolks affected by the oil spill



HAZWASTE



2:24PM – DENR Bulletin no. 05





**DENR STATEMENT ON THE MARITIME INCIDENT INVOLVING MT PRINCESS
EMPRESS**

DENR Statement No. 5: March 6, 2023

The DENR continues its interventions as we mobilized on February 28 which is Day 0 of the MT Princess Empress Oil Spill.

By March 1, we had already contacted Governor Bonz Dolor to coordinate with response teams in Oriental Mindoro and Manila. By March 2, we had already mobilized the National Mapping and Resource Information Authority (NAMRIA) BRP Hydrographer Ventura to determine the location of the sunken vessel.

The DENR has three parallel workstreams in response to the oil spill:

1. Disaster forensics in cooperation with NAMRIA as an attached agency of the DENR and the University of the Philippines-Marine Science Institute (UP-MSI), in support of the Philippine Coast Guard.
2. Clean up, mitigation, and remediation which involves a multi-agency effort including national government agencies such as DSWD, DOLE, DILG, and DOH because this involves the protection of communities and ecosystems.
3. Actual protection activities that we need to undertake. These habitats, ecosystems, and the communities themselves require anticipatory action, protection, and regeneration where possible. We are working with the local communities, UP-MSI, academe, and civil society.

These are the current developments:

As we mobilized the BRP Hydrographer Ventura on March 2, they prepared for the mission and prepared the vessel on March 3. By March 4, they had deployed to the site. Due to rough seas, they only arrived at the site early morning of March 5.



We are pleased to report that through the efforts of BRP Hydrographer Ventura, we may have detected the possible site where the vessel is actually located. That site is about 1,200 feet or approximately 400 meters below sea level. It is located about Northeast of Pola, Oriental Mindoro but it is believed to have moved Southeast from its last known position where it completely submerged. This will, however, require verification which will be in the form of deployment of a remotely-operated vehicle (ROV) which will allow us complete visualization should the currents and weather permit. We are now preparing to access an ROV in order to fully determine where the vessel actually is and to completely model the way the oil will be spilling from the vessel.

We reported this to the President immediately as soon as the analysis was released yesterday evening and we have been given approval to share this with the general public.

We are closely coordinating with local government officials and with UP-MSI on the possible use of this information in the modeling for the spread of the oil. We look forward to seeing an updated model from UP-MSI and to share that with the general public but most of all, with the local governments and the communities that will be affected.

The DENR continues to be in close touch with local communities through our CENROs and PENROs, and our operations teams that are on the ground now in Mindoro, Oriental and Antique.

We have been closely coordinating with the different departments and we are grateful for the efforts of OSWD, DOLE, DOT, DOH, DA-BFAR, and DND-GCD. We look forward to continuing to support the efforts of the Philippine Coast Guard since they are the lead in this particular effort.

The DENR is here to assist in any way that we can. We have been receiving offers of service, goods, and technical expertise and we thank the private sector especially those that have recently come forward. Those that have offered support include the different energy companies, Shell, Prime Energy, and Petron, as well as First Gen, and the Ayala Group. We are very grateful to all those who have expressed their willingness to assist in this effort.

The DENR will continue to deliver updates as developments happen. ###

3:28PM – EMB MIMAROPA received a donation of KN95 70boxes (1000pc/box) from Filinvest. The donated masks will be distributed to the affected locations within the week.



4:57PM – The Sangguniang Panlalawigan approved a Resolution declaring State of Calamity in the 77 coastal barangays of Naujan, Pola, Pinamalayan, Gloria, Bansud, Bongabong, Roxas, Mansalay, at Bulalacao in the province of Oriental Mindoro due to oil spill.



<p>07 March 2023</p>	<p>6:30AM – EMB MIMAROPA Sampling Teams started sampling activities for the day. Engr. Padirayon also reported of the wastes collected</p> <p>March 7, 2023 Brgy Calima : 6 drums Brgy Batohan: 4 drums Brgy Misong: 11.5 drums</p> <div data-bbox="456 500 1307 1760"></div> <p>10:15AM – Naujan EMB Sampling Team conducted sampling activities at Brgy. Melgar A, Brgy. Melgar B, Brgy. San Jose 01, Brgy. San Jose So. Pitugo, Brgy. Sta. Cruz, Brgy. Estrella and turned over the collected water samples at Calapan Laboratory. The team observed that a spill boom was installed at Casiligan River Estuary.</p> <p>10:30AM - EMB MIMAROPA received a donation of 5 boxes of absorbent pads from CBNC.</p>
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10:30AM – Maps were shared by Ms. Kathryn Tupasi reflecting all stations (air and water) and a narrative:

March 1, 2023: team proceeded to Ground Zero, the alleged oil spillage area with coordinates 13°18.924 N, 121°31.854E 11 kms from the coast of Brgy Estrella Naujan, MARKED AS RED STAR

March 2, 2023: another team proceeded to another point near Ground Zero, Balingawan Point with coordinates 13.314983, 121.529231, MARKED AS RED STAR IN THE MAP.

March 1, 2023: sampling stations established at Tablas Strait, Shoreline of Naujan from Estrella, Sta Cruz, San Jose-Pitogo, San Jose-So. 1, San Jose Proper, Melgar A, Melgar B - coastal waters of Naujan Bay: the immediate shoreline near Ground Zero: Marked as GREEN STARS in the map

stations were also established at Buloc Buloc Fish Sanctuary, Montemayor MPA, Masaguing MPA, Tujod Fish Sanctuary all within the Naujan Bay.

Come March 3, 2023: Additional stations were added to cover POLA BAY with stations: Calima, Polacay, Central Tagumpay, Misong, Kwebang Tagumpay, Tuguihan

Stations were also added to cover Pinamalayan Bay: Lumang Bayan and the fish sanctuaries of Simborio, Ginapangan, Pili, and Ranzo

When oil slicks were observed down south: stations were added at Bongabong Bay: Aplaya, Poblacion, Anilao and Masaguisi.

For Roxas Bay: Dalahican, Dangay, Paclasan and San Isidro
When there were observed sightings in the river mouth of Pula River, stations were added: Pula River Estuary, Pula River Mangrove.

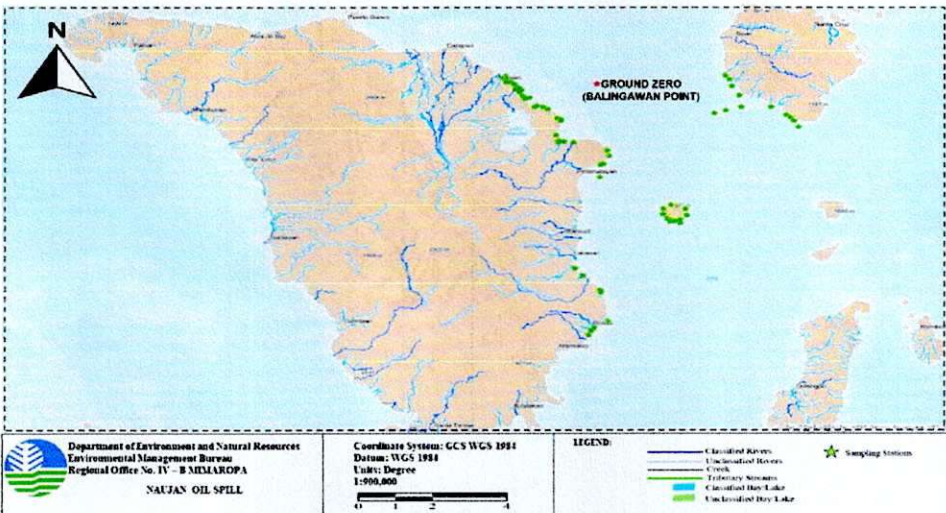


Stations and water samples were also collected in Marinduque: in GASAN, it covers Baltazar Island, Melchor Island, Gaspar Island, and brgys of Libtangin, Dili, Banot and Bacong Bacong.

For Buenavista in Marinduque, Brgys of Uno, Yook, Binunga and Bellaroca Island

Stations were also established in **Sibale Island in Concepcion, Romblon** but weather did not permit the water sample collection: nevertheless, stations are as follows: Guiob Beach, Bachawan, Maisuting Bay, Dalajican, Sampung, Cantañon Beach, Payuksohan Beach, Cambilog Beach, San Pedro, Tonggo Beach, Quebrada Beach and San Vicente

The live map is currently being updated to show the stations in Coron, Palawan which are as follows: Diwaran Island, Dimatuya Reef North, Dimatuya Reef South, Dibatang Island, Coron Island 1 / Banwang Daan, Coron Island 2 / Cabugao.



Live Map :
https://www.arcgis.com/apps/Embed/index.html?webmap=2f67536145674b24b2cc831b3493ae34&extent=121.1601%2C13.0675%2C121.8883%2C13.389&zoom=true&previewImage=false&scale=true&disable_scroll=true&theme=light&fbclid=IwAR2mAUAxqPvs0C9J2a8zaBdChhNEV86gqhs4q-T_vSCMAIQz9MzdymqsLEA

This map shows the sampling stations for **AIR**:



	<p>– MSI) in making projection models of the locations where the oil spill will spread.</p> <p>The Secretary highlighted the importance of Disaster Forensics stating that it can help in preventing the oil spill from reaching Marine Protected Areas (MPAs), beachlines, etc. and addressing the potential social impact to the communities.</p> <ol style="list-style-type: none"> 2. Coastal Clean-up specifically on disposal of oil-based wastes. The Secretary also emphasized that these wastes must be sealed and placed on a temporary storage. 3. Air and Water Quality Sampling <p>Moreover, during the press conference, Sec. Loyzaga also mentioned the use of organic and fibrous materials by the Environmental Management Bureau, such as coconut coirs as alternative oil absorbent materials and spill boom.</p> <p>Finally, the Secretary expressed that the Department is committed in containing and mitigating the oil spill and restore the livelihood of residents affected by the oil spill.</p> <p>Meanwhile, the Department of Health (DOH) has reported that they have recorded eighteen (18) oil spill related health incidents in Pola, Oriental Mindoro, mostly respiratory through inhalation. Likewise, they have already placed advisories and notices cautioning residents to move and cease from going 100 meters from the shoreline.</p> <p>Further, DOH also requested for the clean-up operations to be conducted immediately to minimize the exposure of residents affected by the oil spill due to the health hazards which it may pose.</p> <p>Gov. Dolor of the Province of Oriental Mindoro also announced during the press conference that the PLGU will be sharing to the media the official results on water quality everyday while the results of air quality will be released every three (3) days, after 5:00 PM.</p> <p>*WASTES COLLECTED as reported by Engr. Padirayon: Brgy Calima : 6 drums Brgy Batuhan: 4 drums Brgy Misong: 11.5 drums</p>
08 March 2023	<p>Engr. Rochelle Padirayon, Chief, Toxic Chemicals and Hazardous Waste Monitoring Section, led the coordination meeting with PDRRMO Chief Vincent Gahol, Pola MDRRMO, PCG personnel and PNP personnel relevant to the establishment of collection points for hazardous materials collected during the clean-up activities in Pola, Oriental Mindoro</p>





Continuous daily water sampling was also conducted in the designated sampling stations.

11:49AM – A coordination meeting with PDRRMO Chief Vincent Gahol, Pola MDRRMO, PCG personnel, and PNP personnel relevant to the establishment of collection points for hazardous materials collected during the clean-up activities in Pola.

The officials have agreed to hire one person per family in all affected coastal municipalities under the "cash for work" program. There will also be a massive and simultaneous shoreline clean-up on Friday, 10 March 2023.



09 March 2023

8:00AM – Ongoing recovery of wastes buried by residents in the shore of Brgy. Calima.





8:52AM – PCG announced that Oil control experts from the Japan Coast Guard (JCG) will help the Philippine Coast Guard (PCG) and other concerned agencies in the ongoing oil spill response operations in Naujan, Oriental Mindoro. According to Ambassador of Japan in the Philippines Kazuhiko Koshikawa, Japan will send a disaster relief expert team on oil removal and control to augment the country's manpower and assets after MT PRINCESS EMPRESS with 800,000 liters of industrial fuel oil submerged on 28 February 2023.

10:00AM – A meeting with CRL (private laboratory who will be conducting ground sampling and fingerprinting to determine the type of oil) are explaining the types of tests that may be conducted In Pola, Oriental Mindoro.



1:30PM – EMB MIMAROPA attended the meeting with LGU and DSWD regarding the Cash for Work Program





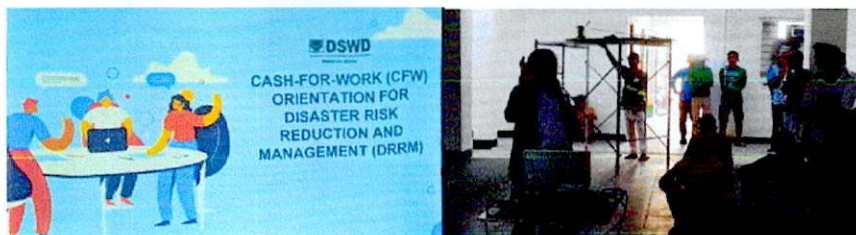
2:28PM - EMB donated mini spill booms and facemask to LGU Pola



2:30PM - Inter-agency meeting at Incident Command Post (ICP) to discuss the cleanup activities.



2:48PM – Cash-For-Work Orientation for Disaster Risk Reduction Management (DRRM) was held at _____

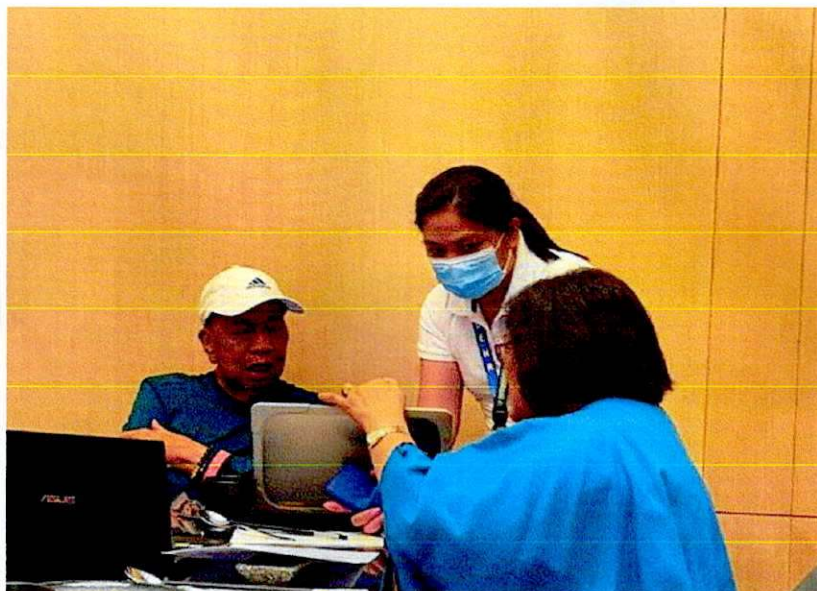


5:17PM – PEMU Oriental Mindoro received the donation from Prime Energy Resources Development (Malampaya):

54 pcs UN Drums (210 Liters)
10 tote tanks (1cum)



8:50PM – Meeting with Hon. Elpidio Barzga Jr. Chairperson on House Committee on Natural Resources regarding Naujan Oil Spill.



9:15PM – **WASTES COLLECTED** as reported by Engr. Padirayon:
 Brgy Calima: 7 drums (10 AM)
 Brgy Calima: 3 drums (5 PM)



10 March 2023

9:00AM – On-going clean-up at Brgy. Misong



9:32AM – Installation of improvised oil spill booms in Brgy. Balatasan, Bulalacao.

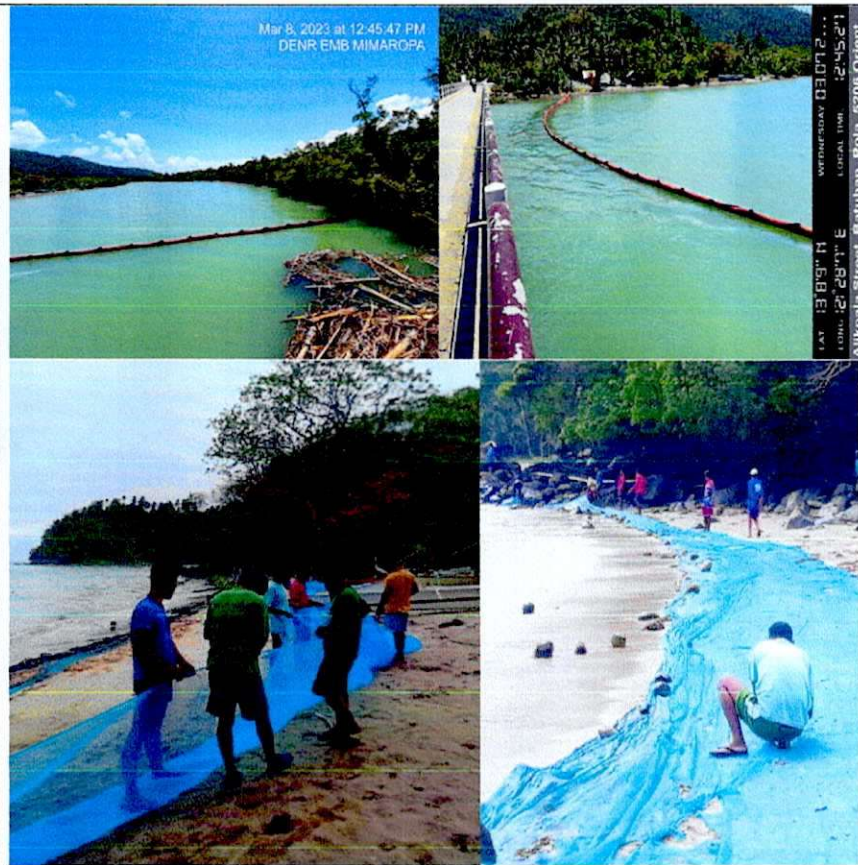


10:15AM – Improvised spill boom of Brgy. Aplaya, Bongabong



12:54PM – EMB MIMAROPA, Philippine Coast Guard and the Municipal Disaster Risk Reduction and Management Office installed spill booms and absorbent booms at Calimawawa River, Casilagan River, and Brgy. Misong in Pola, Oriental Mindoro to contain the oil spillage from the sunken MT Princess Empress.





4:20PM – Sediment collection for sampling at Brgy. Calima



5:52PM – Sediment collection at Brgy Batuhan Kabilang Ibayo



***WASTES COLLECTED** as reported by Engr. Padirayon:
 Brgy Calima: 2 drums
 Brgy Misong: 12 drums



11 March 2023

6:00AM – On-going Water sampling activity at six (6) sampling stations at Pinamalayan, Oriental Mindoro



12:00PM – Initial meeting with MDRRMO of LGU Magsaysay re monitoring and preparations on possible oil spill in their area of jurisdiction based on the dispersion model released by UP MSI.



1:00PM – Meeting with the new Incident Commander Commodore Geronimo Tuvilla, PDRRMO, MDRRMO, MHO, BFP, Philippine Army, ABC President, DENR and Harbor Star.



2:49PM – Sampling team from PEMU – Palawan conducted water quality sampling at Brgy. Casian, Taytay, Palawan.



	<p>Locals of Brgy. Poblacion, Taytay, Palawan collecting raw materials for the fabrication of improvised spill booms.</p> <div></div> <p>Residents Of Roxas, Palawan also worked together to make Improvised Spill Booms using hay and used clothes (Pier, Brgy. Iv, Roxas, Palawan)</p> <div></div> <p>*WASTES COLLECTED as reported by Engr. Padirayon: Brgy Calima: 6 drums Brgy Batuhan (Casiligan River): 4 drums Brgy Zone 2 (Casiligan River): 2 drums</p>
<p>12 March 2023</p>	<p>9:00AM - On-going installation of improvised spill boom at Brgy. Ranzo (Ranzo Fish Sanctuary)</p>





12:00PM – Meeting with LGU, PCG, and Japan Coast Guard.



2:35PM – The improvised spill booms by the Residents Of Roxas, Palawan is now estimated to be measuring around 1,500 meters.



***WASTES COLLECTED** as reported by Engr. Padirayon:
Brgy Misong: 9 drums
Brgy Tagumpay: 12 drums

13 March 2023 9:00AM – The replacement of the spill booms at Casiligan River, Pola, Oriental Mindoro was installed.



Also today in Palawan, reports that the oil spill has reached the shores of Agutaya, Palawan was received, Ms. Mercedita Almorfe, Supervising EMS, Provincial Environmental Management Unit (PEMU) – Palawan has



immediately coordinated the concern to the MDRRMO of Agutaya, Palawan and PCG. However, our sampling team was not able to proceed in the site due to the gale warning issued by the PCG. As of date, continuous coordination is being made with various LGUs, government agencies and PCG regarding any reports of oil slick sightings and measures being taken to mitigate or reduce the impact of oil spill within the province of Palawan. Likewise, continuous monitoring and water quality sampling is being conducted in Taytay, Palawan where earlier reports of oil spill were sighted, and coordination with LGU and other government agencies is being made to assist in the proper collection, storage and disposal of hazardous waste.

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.”*

9:00AM - The Japan Coast Guard, joined with representatives of DENR, MDRRMO – Pola, PDRRMO and Philippine Coast Guard conducted site assessment at Brgy. Buhay na Tubig, Pola, Oriental Mindoro and dialogue regarding the proposed clean- up/rehabilitation plan. The Japanese Coast Guard conducted sampling at Batuhan, Pola, Oriental Mindoro.

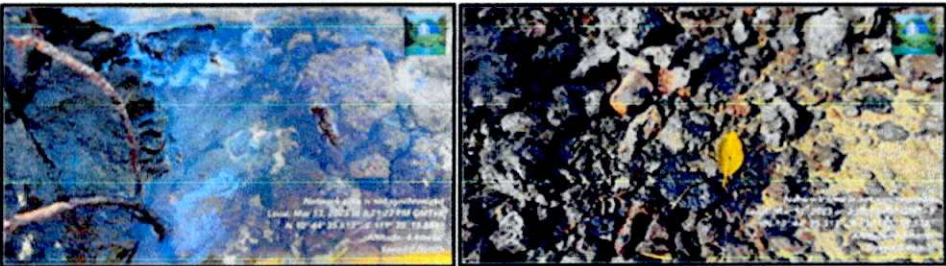


12:00PM – EMB MIMAROPA sampling team from PEMU – Palawan lead by Ms. Nicaith Enrile, Chief – EMS Taytay, conducted water quality sampling on the following locations (beach area) in Taytay, Palawan:

- 1. Sitio Tagpao;
- 2. Baled;
- 3. Dinamayan Island;
- 4. Brgy. Biton;
- 5. Sitio Sader;
- 6. Brgy. B antulan;
- 7. Sitio Amoegis;
- 8. Sitio Calumpang;
- 9. Brgy. Calawag; 10. Calawag Proper (Port Area)




Traces of oil film and sludge were found on the water bodies, stones, and wastes disposed near the surrounding water bodies at **Sitio Sader**.



Chief – EMS Brooke’s Point, Palawan, joined with CENRO Officer – Brooke’s Point, coordinated and requested for shredded and empty palm materials from Agumil Philippines Corporation. The materials which shall be collected shall be converted into improvised spill boom and will be donated to the Local Government Unit of Taytay, Palawan thru CENRO – Taytay.



	<p>6:00PM - Based on the report provided by the Philippine Coast Guard the following observations were made:</p> <ol style="list-style-type: none"> 1. Brgy. Algeciras, Agutaya, Palawan : minimal sightings at shoreline, no new sightings of oil spill. 2. Brgy. Concepcion, Agutaya, Palawan: minimal sightings at shoreline, no new sightings of oil spill. 3. Brgy. Casian, Taytay, Palawan: stranded oil at shoreline, clean-up operations already conducted. 4. Brgy. Biton, Taytay, Palawan: minimal sightings at shoreline. 5. Brgy. Calawag, Taytay, Palawan: stranded oil at shoreline, clean-up operations already conducted. 6. SitioMaliao, Brgy. Pamantolon, Taytay, Palawan: minimal traces of oil slick, on-going clean-up.
14 March 2023	<p>11:00AM - The DENR Secretary Antonia Loyzaga and members of the DENR Task Force MT Princess Empress, led by Task Force Commander Undersecretary Marilou Erni, attended the Senate Committee On Environment, Natural Resources, And Climate Change public hearing to discuss the damage caused by the oil spill from the sunken tanker MT Princess Empress.</p> <p>“We have plotted our ways forward which are continuing to evolve... Therefore, there is a rolling plan that will respond to the conditions on the ground as well as the needs of our affected communities,” Loyzaga said. The DENR presented its course of actions and ways forward that are based on scientific data provided by the UP Marine Science Institute, Philippine Space Agency, and with the assistance from its international partners to mitigate the effects of the spill to the country's marine resources, ecosystem, and communities.</p>  <p>11:48AM - Far East Fuel Corporation hauled the oil contaminated wastes and materials amounting to 78.5 Drums as of March 14, 2023. The hauling was witnessed by Engr. Rochelle Padirayon, Chief, Toxic Chemicals and Hazardous Waste Monitoring Section and Technical Staff from EMB – MIMAROPA Environmental Monitoring and Enforcement Division.</p>





Palawan News posted in their social media page, the report that the oil spill has already reached the seaweed farms at Brgy. Calawag, Taytay, Palawan. Palawan News has also reported that clean-up operations have already been conducted alongside the 3rd Marine Battalion Landing Team, MENRO, and PCG. As of date, a spill boom measuring 800 meters has been placed in the ocean covering Brgy. Ilian – which is the boundary of LGU Dumarán and Roxas, Palawan.



1:00PM – Improvised spill boom installed at Ranzo, Pinamalayan, Oriental Mindoro



	 <p>1:52PM – Improvised spill boom installed at Pili, Pinamalayan, Oriental Mindoro</p> 
<p>15 March 2023</p>	<p>8:00AM - PEMU – Oriental Mindoro technical staff, assisted by PCG personnel were able to collect two (2) drums of hazardous waste at Brgy. Zone 1, Pola, Oriental Mindoro. Currently, our technical teams are continuously conducting water quality sampling at various locations in Oriental Mindoro and monitoring the storage sites where the hazardous wastes are temporarily stored.</p>  <p>8:20AM - Chief, PEMU – Occidental Mindoro, joined with technical staff from PEMU – Occidental Mindoro conducted water quality sampling at the following sites/areas:</p> <ol style="list-style-type: none"> 1. Burangsaan Point, Magsaysay, Occidental Mindoro



2. Alibog Beach, Magsaysay, Occidental Mindoro
3. Garza Island, Magsaysay, Occidental Mindoro
4. Pawikan, Ilin Island, San Jose, Occidental Mindoro
5. Grace Island, Ambulong, Occidental Mindoro



8:44AM - 35.5 drums of I104 wastes are ready for hauling at Brgy Zone 1, Pola Near, 2 drums stored Brgy. Calima, 5.5 Drums Brgy Misong, 12 Drums at Misong Elementary School and 13 drums at Tagumpay.



9:00AM - Ms. Jane Dumenden and Ms. Kathryn Maevelyn Tupasi from EMB – MIMAROPA Region's Environmental Monitoring and Enforcement Division is attending the Regional Inter-Agency Committee on Environmental Health at the Hop Inn Hotel, Quezon City to discuss the actions being taken by the Office to address the concerns pertaining to the oil spill affecting the provinces of Oriental Mindoro and Palawan.



9:00AM - EMB MIMAROPA Regional Director, joined with Asec. Gilbert Gonzales, Director and concurrent Asec. for Field Operations, and Usec. Marilou Erni, Chief of Staff and Supervising Undersecretary for Strategic Communications and Task Force Commander, Task Force Naujan Oil Spill is also attending a meeting at the NDRRMC Main Office for the NDRRMC Emergency Meeting ICOW Oil Spill Incident in MIMAROPA and Region VI.



10:00 AM – Per information gathered by PEMU Palawan from the PCG CGSNCP: *On or about 15 0700H March 2023, Personnel of CGSSS Araceli and CGSS Dumarang of CGS North Central Palawan conducted coastal monitoring patrol along their respective shoreline, however, there are no sightings of oil spill traces within their AOR. In addition, this unit continues in coordination with LGU together with other concerned agencies for possible oil spills within their AOR. Likewise, the stations informed the fisherfolks within the coastal barangays of any sighted oil spilled to report to the nearest coastguard station/sub-station and Brgy officials.*

3:57PM – EMB MIMAROPA conducted Ambient Air Sampling at Brgy. Calima, Pola, Oriental Mindoro



16 March 2023

Drums ready for hauling as of March 16, 2023:

Zone 1 - 2 drums
Misong - 16 drums
Misong Elementary - 13 drums
Tagumpay - 10 drums
Calima - 9 drums





10:00AM – EMB MIMAROPA Palawan Team conducted sampling activities at Baras and Taytay, Poblacion



3:00PM – EMB MIMAROPA Palawan Team assisted in making the improvised spill boom in Taytay, Poblacion



EMB MIMAROPA (Palawan) also attended the inter-agency coordination meeting with PDRRO, PCG, LGU Taytay, Marines, PHO and others related to the Action Plan for the Oil Spill Incident.



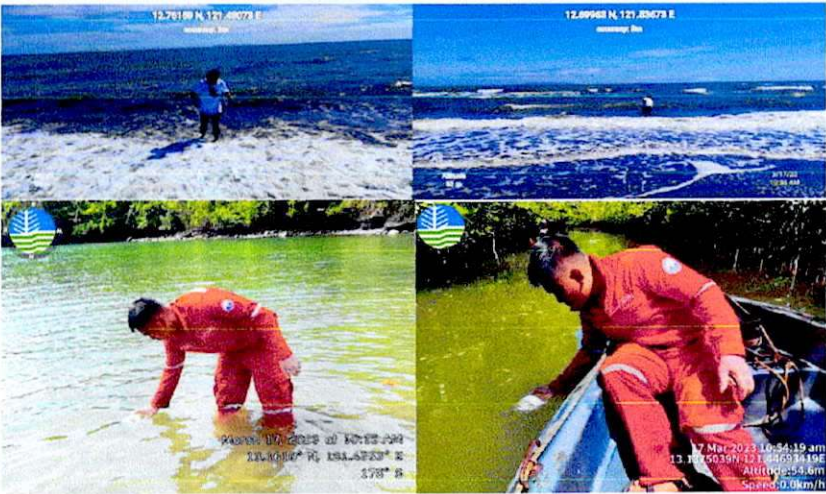


17 March 2023 7:00AM – Improvised spill booms were installed at Brgy. Navotas

9:00AM – EMB MIMAROPA Palawan team in collaboration with CENRO Taytay conducted water sampling activities in the five established sampling stations in Bgy.Calawag ang Bgy.Bantulan, Taytay, Palawan



9:00AM – Part of the daily sampling and monitoring activity



9:38AM – Oil sighting near Buloc Buloc Cove (MPA)





12:40PM – There is no information yet regarding sightings of oil slicks within Calamianes but all communication lines with other government agencies, LGU, stakeholders are open. This Office is waiting for the PCG's information regarding the locations where spill booms will be installed.

1:45PM – EMB Palawan Team tried to head to Brgy. Debanan Island where there are reports of sightings of oil spill but had to abort the said mission due to strong waves. There are also reports of oil spill sighting in Kuta Park. Samples were gathered for verification.



1:53PM - On-going installation of improvised spill boom at Simborio Fish Sanctuary - Banilad, Pinamalayan





6:33PM – Updates from UP MSI

Oil slicks now sighted at the coasts of Calapan, along the Verde Island Passage. UP MSI reported last March 12 of the possibility of the oil being transported northwards of the sunken vessel due to the weakening Amihan. Yesterday, March 16, a sighting report at Calapan, Oriental Mindoro was confirmed by the Philippine Coast Guard and the local Disaster Risk Reduction and Management Office. The weakening of Amihan along with the continuous seepage from the site might also bring the oil to the shores of Batangas and Verde Island.

Updates
MT Princess Empress Oil Spill

Oil Spill Trajectory Model
for March 16, 2023


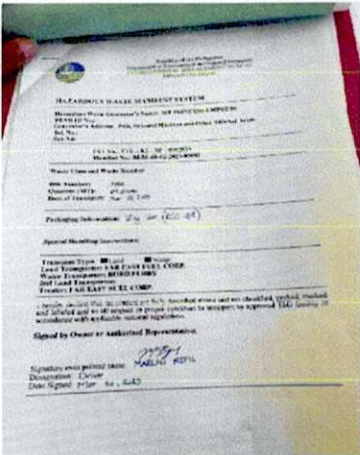
Reported oil slick sighting in
Calapan City, Oriental Mindoro

Photos taken by Calapan CORMO

To report oil slick sighting, go to bit.ly/MTPE_GPS
or scan the QR code at the bottom left of this image.

DISCLAIMER
The model results are model forecasts and accuracy is difficult to determine. The model was implemented using the weathering characteristics of the broken oil and a seepage rate of 100 barrels (or 20,000 L) using the conversion 1 barrel = 200 L per day. These assumptions used are based on best available information. PLEASE USE MODEL RESULTS WITH CAUTION.



18 March 2023	<p>Waste collected for treatment: Brgy Misong: 16 drums Brgy Tagumpay (Sitio Centro): 5 drums</p>
19 March 2023	<div></div> <p>Waste collected for treatment: Brgy Tagumpay (Sitio Centro): 27 drums Brgy Tagumpay (Sitio Kweba): 20 drums Brgy Misong: 6 drums</p> <p>The two trucks are already full. Thus, Far East will be transporting the collected wasted to Bulacan tomorrow, 20 March 2023).</p>
20 March 2023	<p>3:00PM – Far East transported 64 drums to their Bulacan TSD</p> <div></div>



21 March 2023

9:25 AM – The location of the sunken vessel, MT Princess Empress has been found.

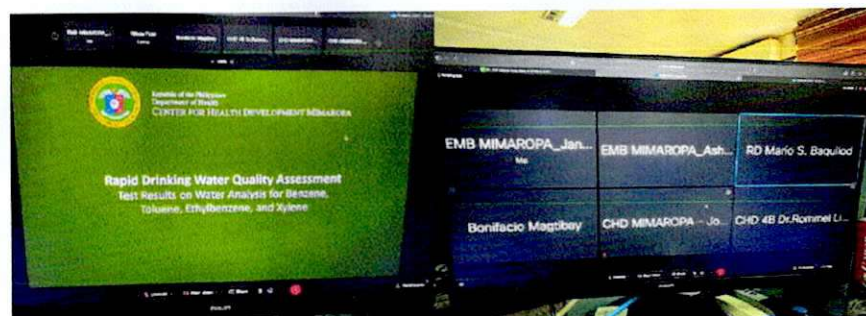
10:00AM - Meeting re: Naujan Oil Spil with Assec Gilbert PAB, CO Legal, EMB R6 LU, EMB R4A LU re: NOV's to be issued and Cases to be filed



11:25AM - Japanese Dynamic Position Vessel (DPV, Shin Nichi Maru, arrived in Calapan City with the Remotely Operated Vehicle (ROV) that will be used for the MT Princess Empress



3:51PM - Meeting with DOH regarding Drinking Water Quality Assessment



ACTIONABLE ITEM/AGREEMENT		RESPONSIBLE AGENCY
1. Request DENR-MGB for updated Geological data of the affected areas.		DENR-EMB
2. No standard value of control reference allowable limits on determination of BTX level in humans.		DOH/BatMC
3. Hiring of private laboratory for long term action on the oil spill incident.		DOH Central Office
4. Lobbying of policy and guidelines regarding protocols on drinking water during disaster (e.g. oil spill), such as list of priority chemicals in drinking water for assessment.		DOH Central Office
5. Issuance of Memo regarding affected WSPs.		National Water Resources Board
6. Tapping of PNRI laboratory for isotope testing to confirm if the benzene detected is from the oil spill.		DOH CHD
7. Provide NWRB list of affected areas.		
8.		
9.		

4:00 PM - In Palawan, EMB PEMU Palawan participated in a Multi-disciplinary meeting with PENRO, PDRRM, PCSD, PCG, BMB, BFAR re: rapid assessment on the effects of oil spill to coastal and marine habitats.



5:05PM – DENR Usec Marilou Erni, Usec Jonas Leones, and EMB MIMAROPA RD Joe Amil M. Salino turned over to the Province of Mindoro the donations from San Miguel Corporation and Petron of 10,000 masks, gloves and body suits.



22 March 2023

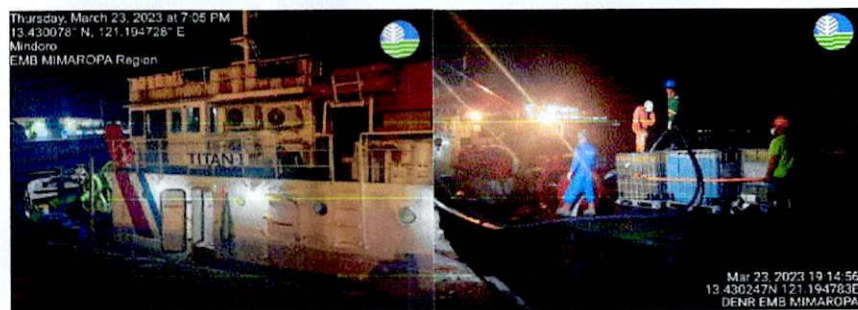
11:00AM – PAB Hearing: Legal Actions to be taken against RDC Reield Marine Servives and Trading Incorporated re: Oil Spill

**23 March 2023**

12:00PM – Air sampling conducted at Barangays Paraiso, Guinhawa, and Banilad, Pinamalayan in coordination with the LGU of Pinamalayan. Air sampler used are TSP sampler, sorbent analyzed/sampler and VOC sampler. Parameters to be determined are TSP (BTEX), VOC, and Sorbent. 15 days will be needed to analyze BTEX. While for VOC and Sorbent are 7 to 10 days. CRL will be conducting the analysis. EMB MIMAROPA sampling team will head back to Pola (Calima, Misong, Tagumpay, and Batuhan) to conduct air sampling every three (3) and twenty-four hours, respectively. Same equipment for the same parameters will be used.



7:00PM - Loading of oil from ground zero to tanker for transport to the treatment facility. However, loading stopped at around 9:00PM since the oil was too thick.





In Palawan, EMB Palawan sampling team conducted water sampling activities in Brgy. Pamantolon (Tecas Reef, Maliao) and Bgy. Poblacion (Little Tondo, Kuta Park, Public Market)

24 March 2023

9:00AM - Spill boom to be installed at Punta-Ilag Fish Sanctuary (Ilag, San Teodoro)



Spill boom to be installed at Brgy. Taclican, San Teodoro



Continuous air and water sampling activities



	
<p>25 March 2023</p>	<p>8:00AM - Meeting to discuss the checklist for shoreline assessment. Attended by EMB, DENR, PCG, MDRMO and Harbor Star.</p>  <p>11:00AM - Engr. Padirayon from EMB MIMAROPA with Oceanus. Survey was conducted by Oceanus for the eco-friendly dispersant. A sampling was supposed to be conducted for the demo, but no oil was sighted during the time.</p> 
<p>27 March 2023</p>	<p>Improvised spill boom at Puerto Galera</p> 



29 March 2023

9:00AM - Technical conference was conducted by EMB MIMAROPA with Region 6 and RDC Reield Marine Services (MT Princess Empress) relative to the Notice of Violation issued by EMB MIMAROPA and EMB R6.



COMMITMENT/S:

During the Technical Conference, it was agreed that RDC REIELD MARINE SERVICES INC. shall submit copies of the following documents until Monday, 03 April 2023:

1. Comprehensive Clean Up Plan
2. Memorandum of Agreement among RDC REIELD MARINE SERVICES INC., Harbor Star, and TSD Contractor.
3. Safety Data Sheet
4. Certificate of Treatment of Waste

In addition, RDC REIELD MARINE SERVICES INC. shall submit a Position Paper within fifteen (15) days from the conduct of Technical Conference.





Department of Environment and Natural Resources
Environmental Management Bureau
MIMAROPA Region

TECHNICAL CONFERENCE

PROJECT NAME : RDC REIELD MARINE SERVICES INC. (in relation to the Oil Spill Incident in Oriental Mindoro)

This is to confirm my appearance and participation in the technical conference held today, 29 March 2023 at Office of the Regional Director, EMB MIMAROPA Region, 6th Floor, DENR By The Bay Building, 1515 Roxas Boulevard, Ermita, Manila, and online via Microsoft Teams, to discuss the issues and concerns pertaining to the Notice of Violation issued against RDC REIELD MARINE SERVICES INC. and oil spill incident in Oriental Mindoro.

Attendance:

NAME	DESIGNATION	CONTACT NO.	SIGNATURE
1. ARJUNN CALVO	CHIEF, LEGAL EMB 6	09665314967	
2. SHIELA MAE PORTILLO	CHIEF, AMTSS EMB 6	09153594468	
3. JOE AMIL M. SALINO	REGIONAL DIRECTOR R4B	(02) 8536-9786	
4. ATTY. ALESSA MAY I. HABAL	CHIEF, LEGAL UNIT	(02) 8536-9786	
5. MARIA RIZZA T. RANJO	LEGAL UNIT	(02) 8536-9786	
6. JOANNA MARIZ B. MARIN	LEGAL UNIT	(02) 8536-9786	
7. BUENA FE A. RIOFLORIDO	CHIEF, CPD	(02) 8536-9786	
8. CZES C. BONGCO	CHIEF, AWPS	(02) 8536-9786	
9. MAEVELYN KATHRYN D. TUPASI	CHIEF, AMTSS	(02) 8536-9786	
10. JANE T. DUMENDEN	SECTION CHIEF, AMBIENT WATER SECTION	(02) 8536-9786	
11. ATTY. RAMAR NIEL V. PASCUA	REGIONAL DIRECTOR, EMB R6	(033) 336 6989	
12. FOR. VICENTE LOSBANES	CHIEF, EMED R6	(033) 336 6989	
13. Atty. Maria Francisca Bautista	} Counsel for RDC	0919 9911278	<i>Chp. Bautista</i>
14. Atty. Celestine Guevarra		0917 713 2652	
15. Ms. Reia Cabiel		8695 1094	
16. Ms. Fritzie Tee	} RDC		

PENRO Compound, Brgy. Suqui, Calapan City, Oriental Mindoro
Regional Satellite Office: 6th 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
Website: www.mimaropa.emb.gov.ph

17. Mr. Frank Villalobos } RDC
18. Mr. Alex Hunt } ITOFF
19. Mr. David Caprona }


30 March 2023

Ongoing retrieval of oil contaminated materials and oil slicks at Casian Island, Taytay, Palawan.






PENRO Compound, Brgy. Suqui, Calapan City, Oriental Mindoro
Regional Satellite Office: 6th Floor DENR by the Bay Bldg., 1515 Roxas Blvd., Ermita, Manila
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
Website: www.mimaropa.emb.gov.ph



	
31 March 2023	<p>4:00PM – Meeting was called by the Sangguniang Panlalawigan of Oriental Mindoro participated by EMB MIMAROPA, DENR MIMAROPA, DA-BFAR to apprise them on matters pertaining to the current situation relative to the crisis caused by the oil spill. The special session was conducted in view of the request from the PGOM Executive Branch to declare the entire province of Mindoro under the state of calamity.</p>
01 April 2023	<p>The DENR has facilitated the equipment assistance deployed in Oriental Mindoro to accelerate the fabrication of spill booms to contain the oil spill and protect the communities and biodiversity in the region.</p> <p>The DENR, through its DENR MT Princess Empress Oil Spill Task Force headed by Task Force Commander Undersecretary Marilou Erni, coordinated with Dr. Rigoberto Advincula, former President of the Philippine-American Academy of Science and Engineering and now Professor at Case Western Reserve University, to facilitate the equipment assistance provided by RU Foundry & Machine Shop Corporation (RUMSC) and the Ecological and Agriculture Development Foundation.</p> <p>The shredder and decorticator machines, which arrived on March 22 in Bgy. Maidlang, Calapan City, were deployed to effectively fabricate provisional spill booms using locally available materials such as coconut husks and rice hulls.</p> <p>The DENR Focal has coordinated with the areas in the South regarding the operation of the machines, while RUMSC has offered basic training on organic farming to some barangays in Calapan, as well.</p>



	
04 April 2023	<p>5:00PM - Meeting with EMB MIMAROPA, PCG, Harbor Star, Malayan, and ITOPH updates on hazardous waste collected. Meeting was conducted at PDRMO/ICP at Calapan city.</p> 
05 April 2023	<p>Continuous conduct of water sampling in Oriental Mindoro (Naujan, Pola, Pinamalayan, Gloria, Bongabong, and Roxas)</p> 



9:40AM - Receiving of water sample results for the Municipality of Pola, received by Meynardo C. Axalan Municipal Administrator, witnessed by Hon. Jennifer M. Cruz



10:52AM - 8 drums & 9 tonner bags of hazardous waste collected at Misong, Pola.




11:56AM - Stored hazardous waste at Pola Port located at Brgy. Tiguihan, Pola, Oriental Mindoro as of April 4, 2023 total of 301 drums and 29 tonner bags.



06 April 2023

10:00AM - 298 drums (249 plastic drums and 49 metal drums) and 30 tonner bags will be transported using vehicles of Genetron International Marketing to the treater, Separ Environmental Corporation, in Angat, Bulacan as reflected in the Special Permit to Transport with reference number PTT-R3-SP-00290*





Department of Natural Resources and Environment
GOVERNMENT OF WESTERN AUSTRALIA

Form 1000 (Rev 01/2018)

OFFICIAL PERMIT TO TRANSPORT

Permitted to transport 1 set of IFRB, Administrative Vehicle 2004-22, the Engineering Mobile unit and Equipment, as defined and permitted in the Western Australian Motor Vehicle Regulations, as required, for:

Intake of Chapter 1
Regulation 166(1)
Carriage 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783,



07 April 2023

EMB MIMAROPA Region facilitates the hauling of oil contaminated materials at the collection point of Brgy. Tagumpay in Pola, Oriental Mindoro today, April 7. Genetron International Marketing collected 10 tonner bags of hazardous wastes using their small truck. Each container is weighed before being loaded to a



winged van before its transport to Bulacan province for waste treatment. Also present during the activity are representatives from Philippine Coast Guard, LGU Pola, ITOPF, and Harbor Star.

Truck no. 1

Plate No. - AVA 4201

Quantity - 60 drums

Total weight - 7012.3 kgs

Driver - Teddy P. Salazar

PTT No.: OL-TR-R3-14-000734

MANIFEST No.: M-M-4B-52-2023-00005

Transporter: Genetron International Marketing

Treater: Separ Environmental Corporation

Truck no. 2

Plate No. - AFA 7499

Quantity - 55 drums

Total weight - 6357.7kgs

Driver - Mark Lim Arendain

PTT No.: OL-TR-R3-14-000734

MANIFEST No.: M-M-4B-52-2023-00006

Transporter: Genetron International Marketing

Treater: Separ Environmental Corporation

Truck no. 3

Plate No. - NBP 4066

Quantity - 60 drums

Total weight - 6189.4kgs

Driver - Mario Bangero

Truck no. 4

Plate No. - NCK 6809

Quantity - 64drums

Total weight - 5361.2kgs

Driver - Roderick Hizon

Truck no. 5

Plate No. - TIU 586

Quantity - 62 drums

Total weight - 5800.7kgs

Driver - Rick Benemeritu

Truck no. 6

Plate No. - NAP 6054

Quantity - 30 Tonner Bags

Total weight - to be weighed upon arrival

Driver - Ernesto Reyes

Truck no. 7

Plate No. - NBU 7119

Quantity - 23 drums, 41 tonner bags

Total weight - 6368.2

Driver - Frigie M. Hernandez

Total: 37089.5kgs



Note: truck no 6 not yet weighed



10 April 2023

11 April 2023

The DENR MT Princess Empress Oil Spill Task Force led by Undersecretary Marilou Erni met with Incident Commander, Commodore Geronimo B. Tuvilla of the Philippine Coast Guard, to know the latest progress in the activities being implemented to contain the spill. Later that day, Undersecretary Erni also had a brief talk with Provincial Administrator Hubert Dolor. With the systems in place to carry out the remaining clean-up and response requirements, the DENR Task Force Commander expressed support for a strategic recovery program to aid the transition of Oriental Mindoro and other affected areas to normalcy. The DENR is optimistic that through the sustained multisectoral collaborations, the road to response is now progressing towards recovery.



**13 April 2023**

Inventory of stored hazardous wastes in Oriental Mindoro as of 13 April 2023

Inventory of stored Haz waste as of:	Drums	Tonner Bag
April 13, 2023		
POLA		
Pola Pier	0	0
Brgy. Zone 1	0	0
Brgy. Zone 2	0	0
Brgy. Misong	0	3
Brgy. Tagumpay	0	1
Brgy. Calima	1	1
Brgy. Batuhan	9	9
Brgy. Bayanan	0	4
Brgy. Buhay na Tubig	63	5
Brgy. Puting Cacao	0	1
NAUJAN		
Brgy. Masaging	0	0
Brgy. Herera	0	0
CALAPAN CITY		
Brgy. Navotas	7	0
	6	0

TOTAL	86	24
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RDC Reield Marine Services & Trading submitted their position paper as committed during the technical conference. HOWEVER, none of the agreed documents was submitted.




14 April 2023

Inventory of hazardous wastes as of 14 April 2023.



	Inventory of Haz waste as of: April 14, 2023	TOTAL WASTE (CONVERTED) DRUMS		% WASTE TREATED
		VOLUME (IN LITERS)	WEIGHT (IN KG)	
	POLA	181,995.30	163,795.77	82.04
	NAUJAN	3,852.00	3,466.80	43.24
	CALAPAN CITY	2,706.60	2,435.94	0.00
	TAYTAY	1,249.20	1,124.28	0.00
	OVER ALL TOTAL	189,803.10	170,822.79	
15 April 2023	<p>President Ferdinand R. Marcos Jr. leads the distribution of various government assistance to more than 1,200 beneficiaries in the Municipality of Pola, Oriental Mindoro as he concludes his inspection and visit to the Province on April 15, 2023.</p> <p>The President turns over the following:</p> <ul style="list-style-type: none"> • 17 fishing boats with engine to the Province of Oriental Mindoro, of which seven (7) boats are for the Municipality of Pola • One (1) unit of post-harvest technology package (fish-smoking technology) worth PhP335,739.00 to Maasin Marine Protected Area Association in Bulalacao, Oriental Mindoro • One (1) unit of 65 HP tractor with implements to Maralitang Magsasaka ng Mindoro in Bansud, Oriental Mindoro • Three (3) units of pump and engine to Maralitang Magsasaka ng Mindoro and Mahabang Parang Farmers Association in Naujan, Oriental Mindoro • Six (6) water pumps for the Municipalities of Pola, Naujan and Pinamalayan in Oriental Mindoro • 2.5 kilos of assorted vegetable seeds, 10 bags of black rice, two (2) bags of brown rice, 300 bags of certified palay seeds and 300 corn seeds to the local government of Pola. <p>Other assistance from different national government agencies include the Department of Social Welfare and Development's (DSWD) Assistance to Individuals in Crisis Situation (AICS) and Emergency Cash Transfer (ECT) programs; Department of Labor and Employment's (DOLE) Tulong Panghanapbuhay sa Ating Disadvantaged Workers (TUPAD) Program; Department of Agriculture's (DA) Rice Program, Organic Banner Program, High Value Commodity Development Program and loan assistance; Bureau of Fisheries and Aquatic Resources' (BFAR) fishing boats, fishing equipment and fuel subsidy; and financial assistance from the Department of Trade and Industry (DTI).</p>			
25 April 2023	<p>ORIENTAL MINDORO : Conduct of monitoring of collected hazardous waste and Site assessment of affected areas attended by personnel of EMB MIMAROPA. Other sampling will be conducted on May 2 and 3.</p> <p>ROMBLON: Chief EM Services Romblon with EnMO Lachica and Mendoza of Monitoring and Enforcement Section of PENRO Romblon together with Coast Guard Corcuera conducted sampling</p>			



	<p>on Pier Area, Poblacion and Mabini, Corcuera Romblon regarding the recent oil spill occurrence at Corcuera Romblon.</p> 
26 April 2023	<p>EMB MIMAROPA continuous to conduct water sampling at the stations in Taytay, Palawan.</p>  <p>EMB MIMAROPA checked the conditions of the hazardous waste collected in Sitio Calumpang, Brgy. Calawag, Taytay, Palawan. Later, the team will proceed to PCG and LGU to coordinate the proper handling of hazardous waste.</p> 

I. Legal Basis

Republic Act 9275 or the “Philippine Clean Water Act of 2004”. **Section 27 a) of RA 9275** states:

“Discharging, depositing or causing to be deposited material of any kind directly or indirectly into the water bodies or along the margins of any surface water, where the same shall be liable to be washed into such surface water, either by tide action or by storm, floods or otherwise, which could cause water pollution or impede natural flow in the water body xx”



Remarks and Recommendation:

It is equally worth noting that the Respondent failed to submit the Memorandum of Agreement Memorandum of Agreement among RDC REIELD MARINE SERVICES INC., Harbor Star, and TSD Contractor on or before 03 April 2023. Based on records, this Office finds substantial evidence that would warrant the imposition of necessary penalty for violation of Section 27 "Prohibited Acts", Chapter 5 "Civil liability/Penal Provisions" of DENR Administrative Order No. 2005-10 the "Implementing Rules and Regulations of the Philippine Clean Water of 2004", particularly Sec. 27 **Section 27 a) of RA 9275** "*Discharging, depositing or causing to be deposited material of any kind directly or indirectly into the water bodies or along the margins of any surface water, where the same shall be liable to be washed into such surface water, either by tide action or by storm, floods or otherwise, which could cause water pollution or impede natural flow in the water body xxx* " and DAO 2005-06.

For the Honorable Board's information, record and consideration.



JOE AMIL M. SALINO

Copy furnished:

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

GILBERT C. GONZALES, CESO III
The Director and Concurrent Assistant Secretary for Field Operations

