



TASK FORCE MT. PRINCESS EMPRESS OIL SPILL INCIDENT

SITUATIONAL REPORT NO. 33

03 April 2023

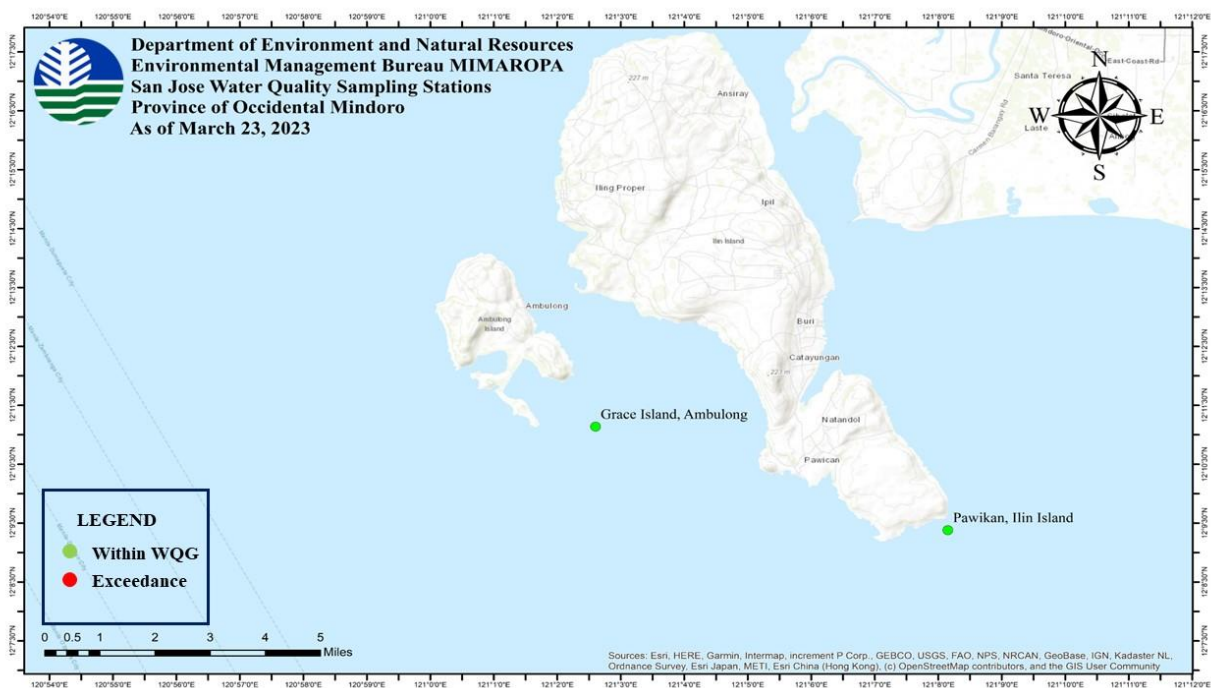
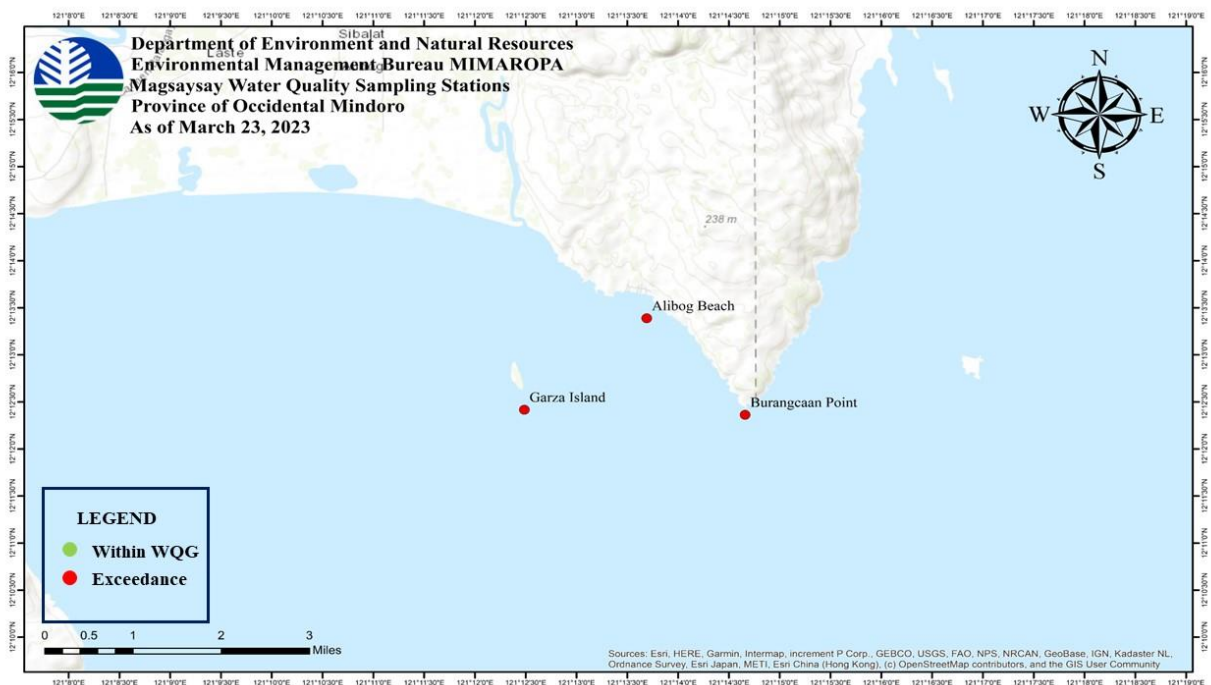
I. SITUATIONAL OVERVIEW

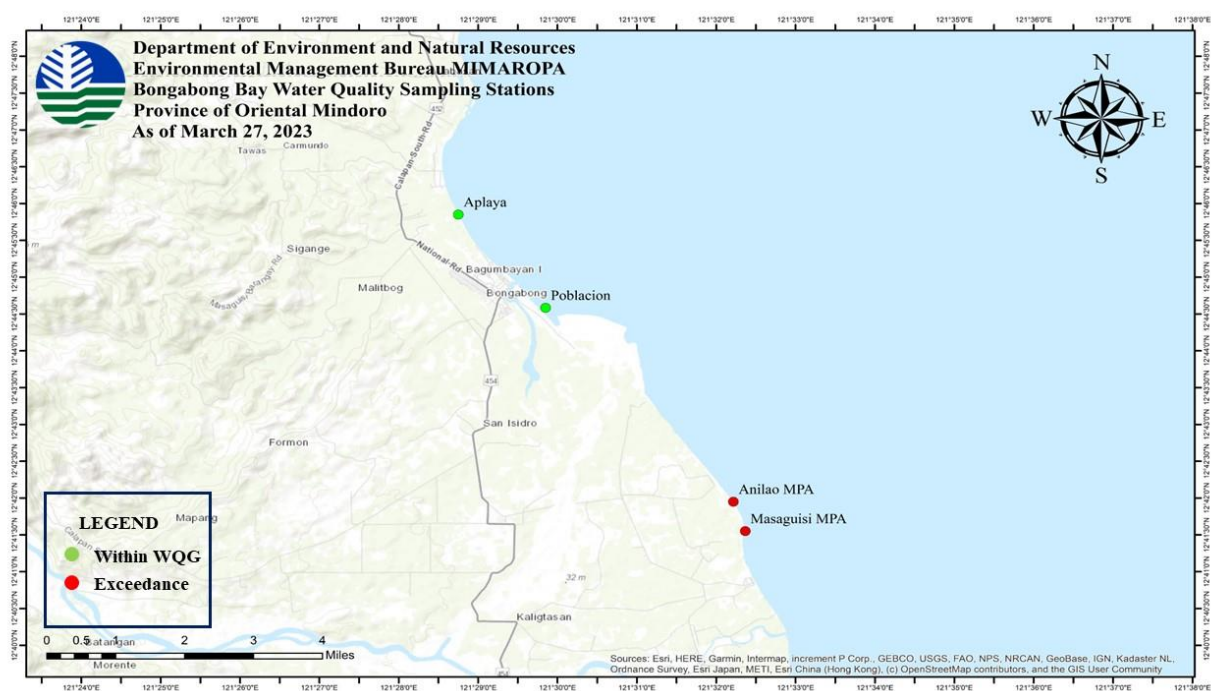
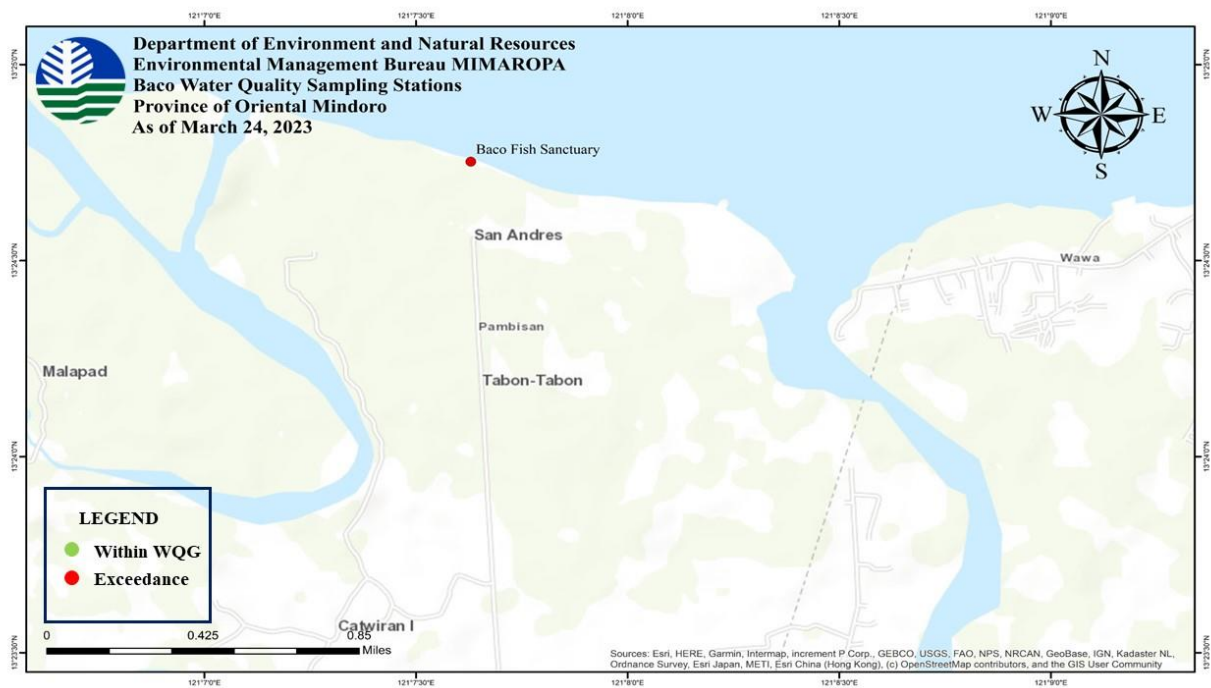
AFFECTED AREAS

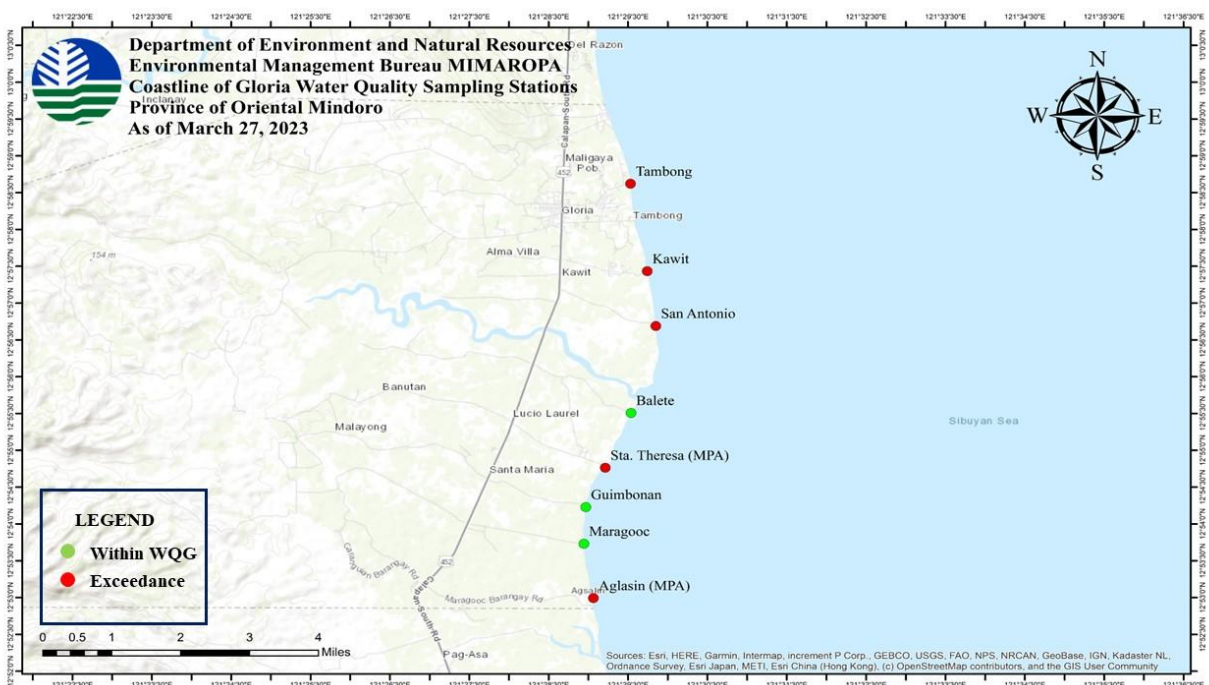
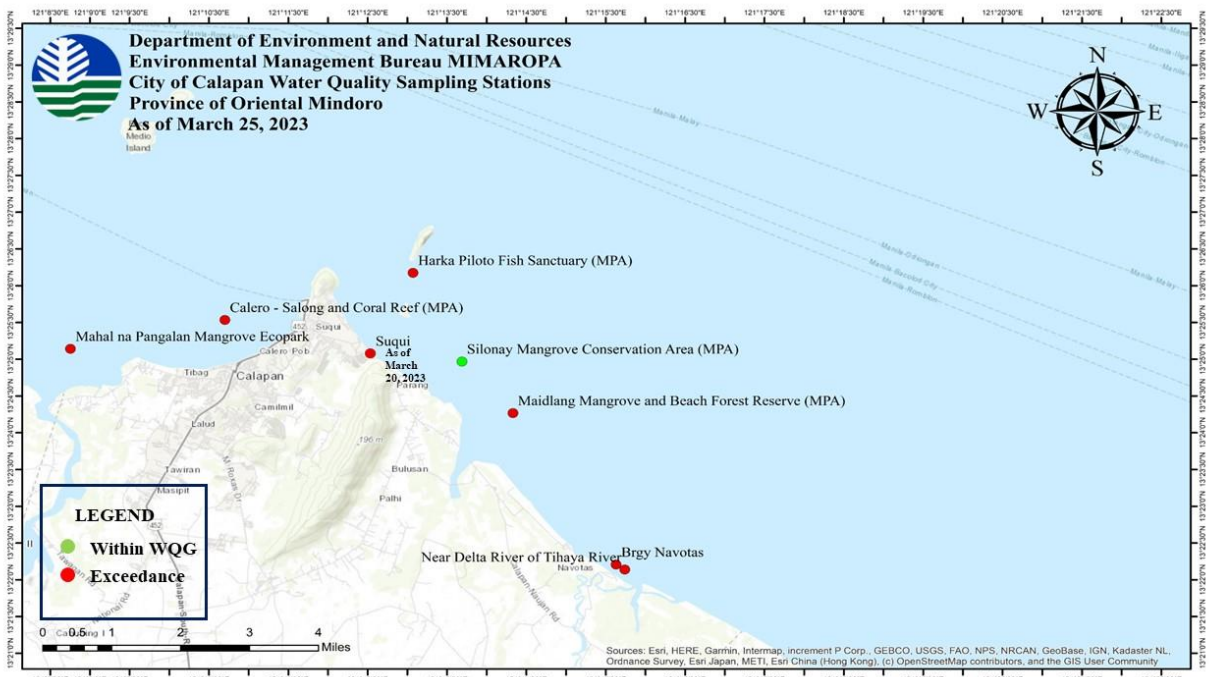
REGION	PROVINCES	CITIES/ MUNICIPALITIES	REMARKS
MIMAROPA	Oriental Mindoro	1. Bansud 2. Bongabong 3. Bulalacao 4. Gloria 5. Mansalay 6. Naujan 7. Pola 8. Pinamalayan 9. Roxas	Sangguniang Panlalawigan Resolution No. 6290-2023 dated 06 March 2023 declared 78 coastal barangays of nine (9) municipalities of Oriental Mindoro affected by the oil spill under the state of calamity.
	Palawan	1. Agutaya 2. Taytay	

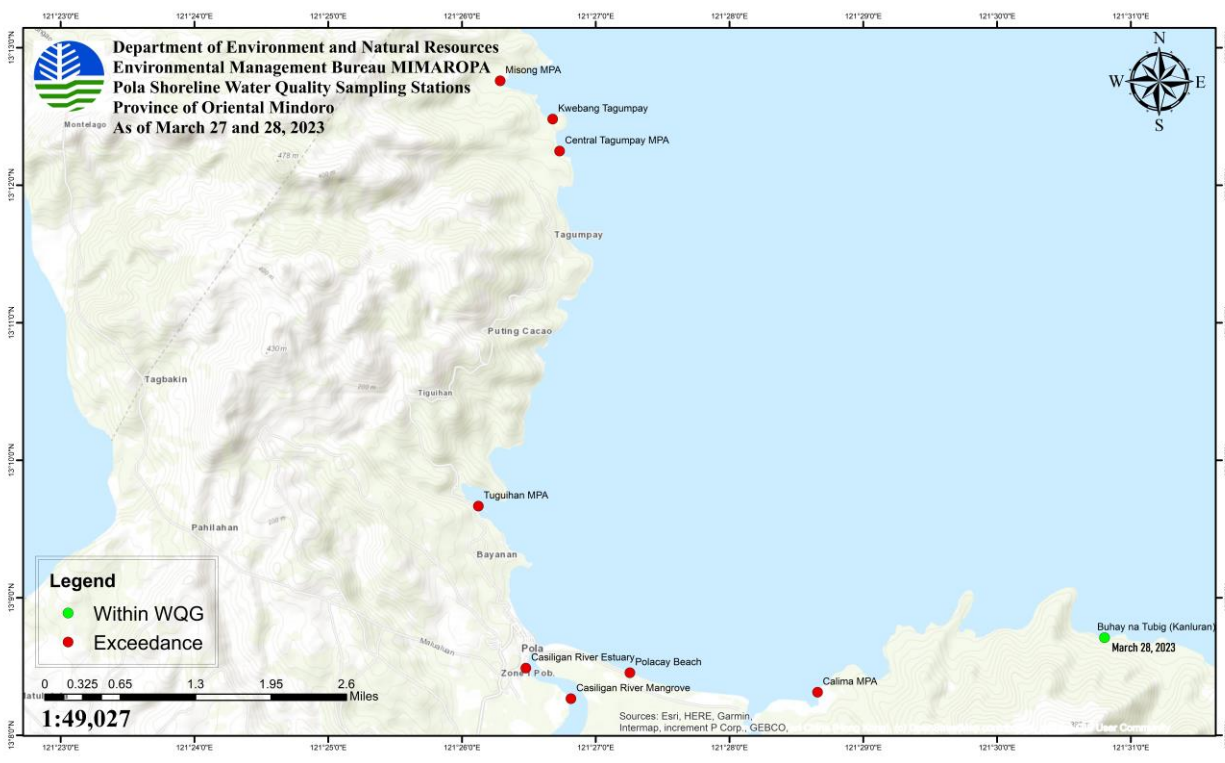
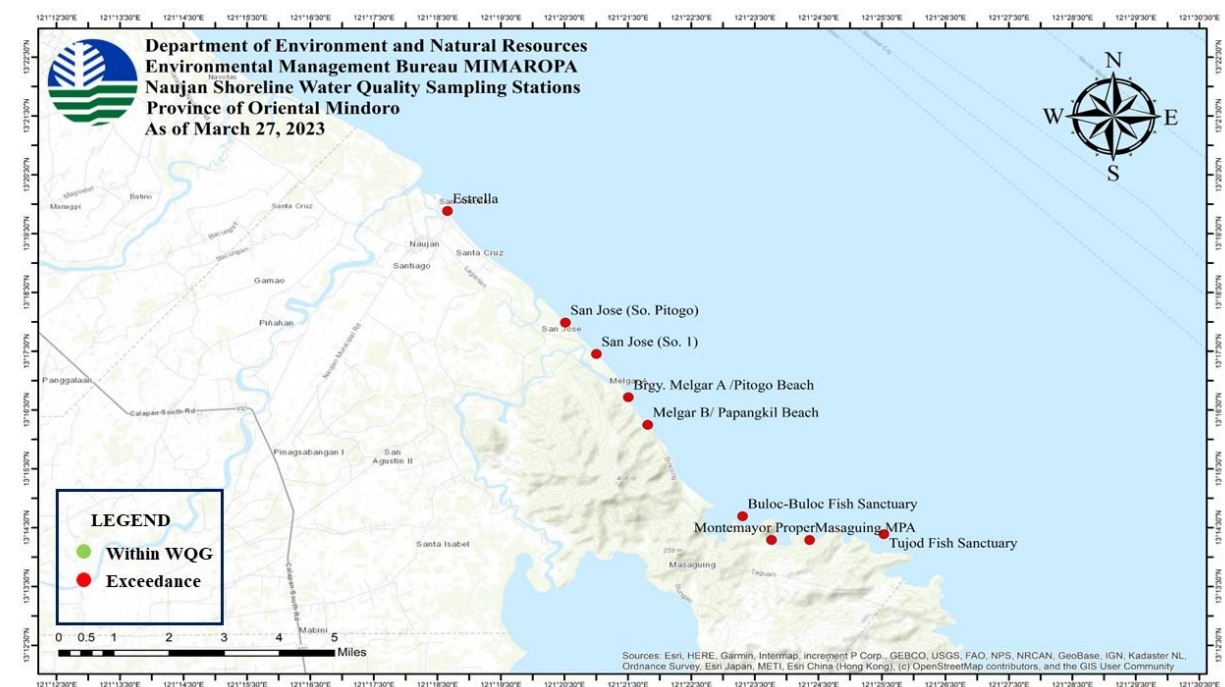
WATER QUALITY MONITORING

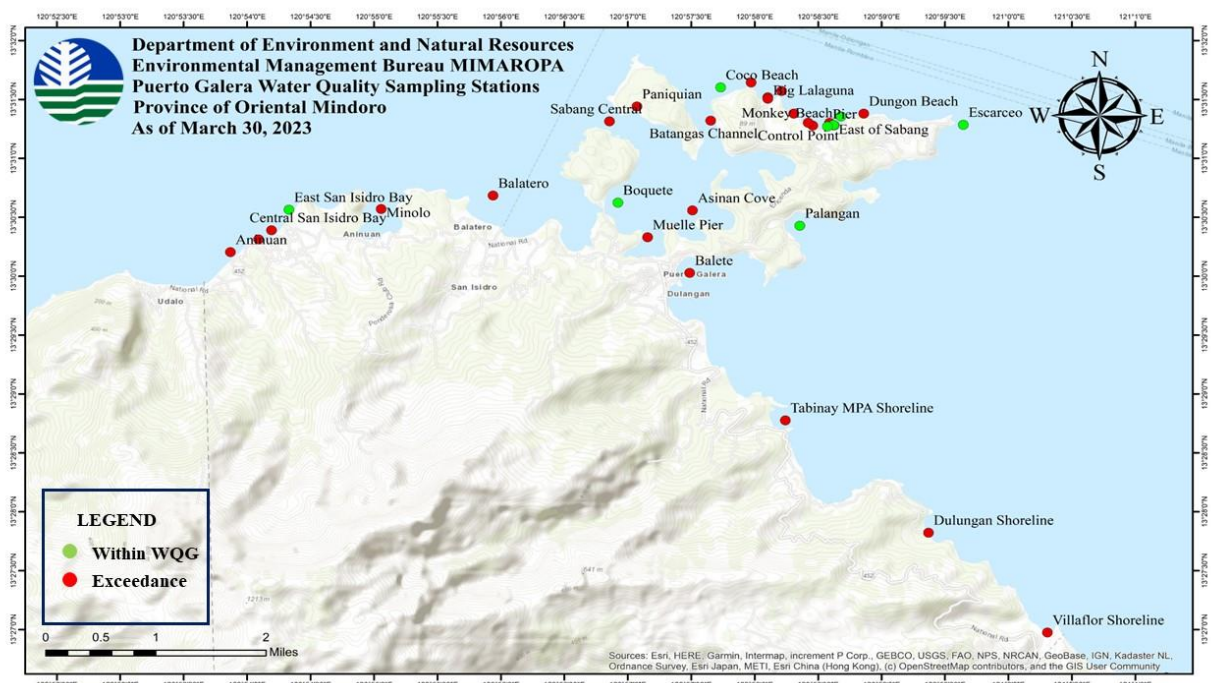
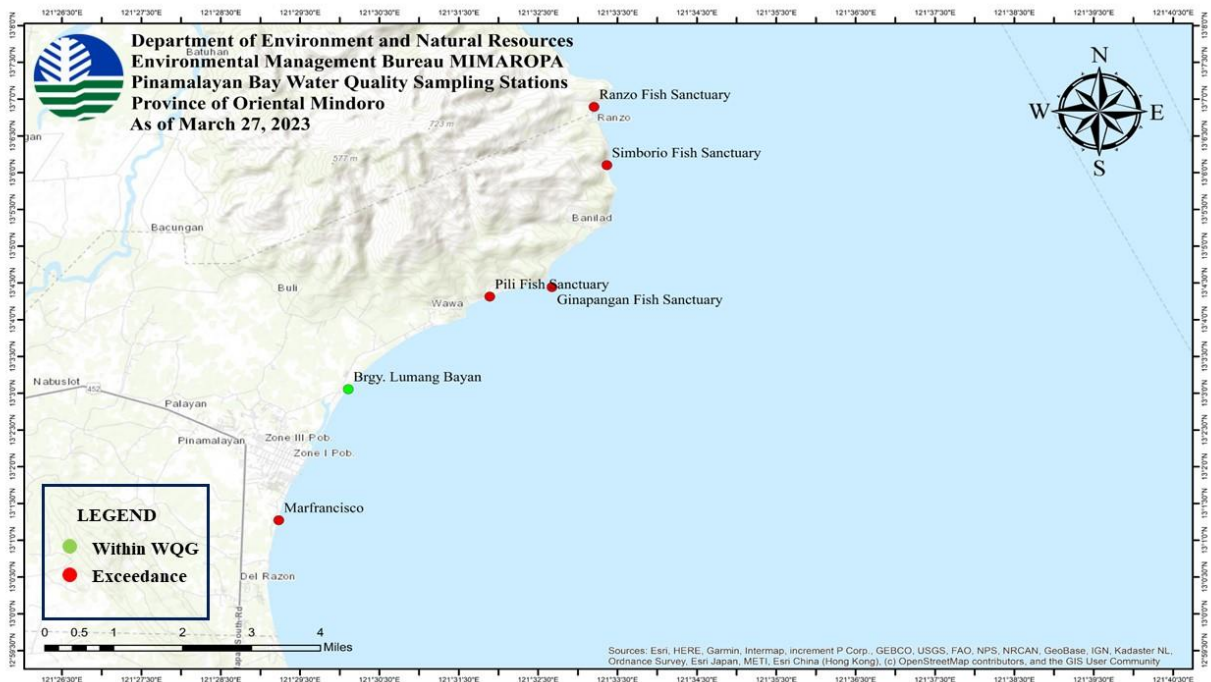
PROVINCE	CITY/ MUNICIPALITY	TOTAL SAMPLING STATIONS:			DATE OF LAST SAMPLING CONDUCTED
		TOTAL SAMPLING STATIONS IN THE CITY/MUN.	WITHIN NORMAL WQG	EXCEEDED WQG	
OCCIDENTAL MINDORO	MAGSAYSAY	3	0	3	23 March 2023
OCCIDENTAL MINDORO	SAN JOSE	2	2	0	23 March 2023
ORIENTAL MINDORO	BACO	1	0	1	24 March 2023
ORIENTAL MINDORO	BONGABONG	4	2	2	27 March 2023
ORIENTAL MINDORO	CALAPAN CITY	8	2	6	20-25 March 2023
ORIENTAL MINDORO	GLORIA	8	3	5	27 March 2023
ORIENTAL MINDORO	NAUJAN	9	0	9	27 March 2023
ORIENTAL MINDORO	POLA	9	1	8	27-28 March 2023
ORIENTAL MINDORO	PINAMALAYAN	6	1	5	27 March 2023
ORIENTAL MINDORO	PUERTO GALERA	33	9	24	30 March 2023
ORIENTAL MINDORO	ROXAS	4	3	1	27 March 2023
ORIENTAL MINDORO	SAN TEODORO	2	0	2	24 March 2023
PALAWAN	TAYTAY	19	5	14	17 March 2023
	Total	108	28	80	

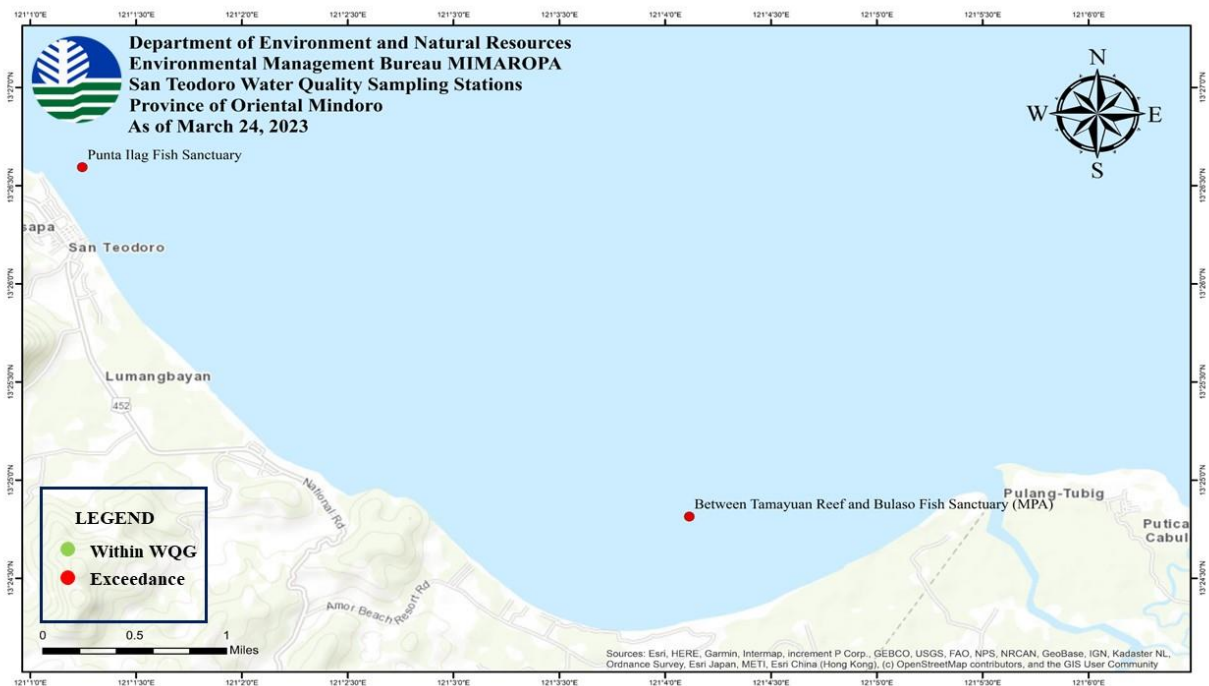
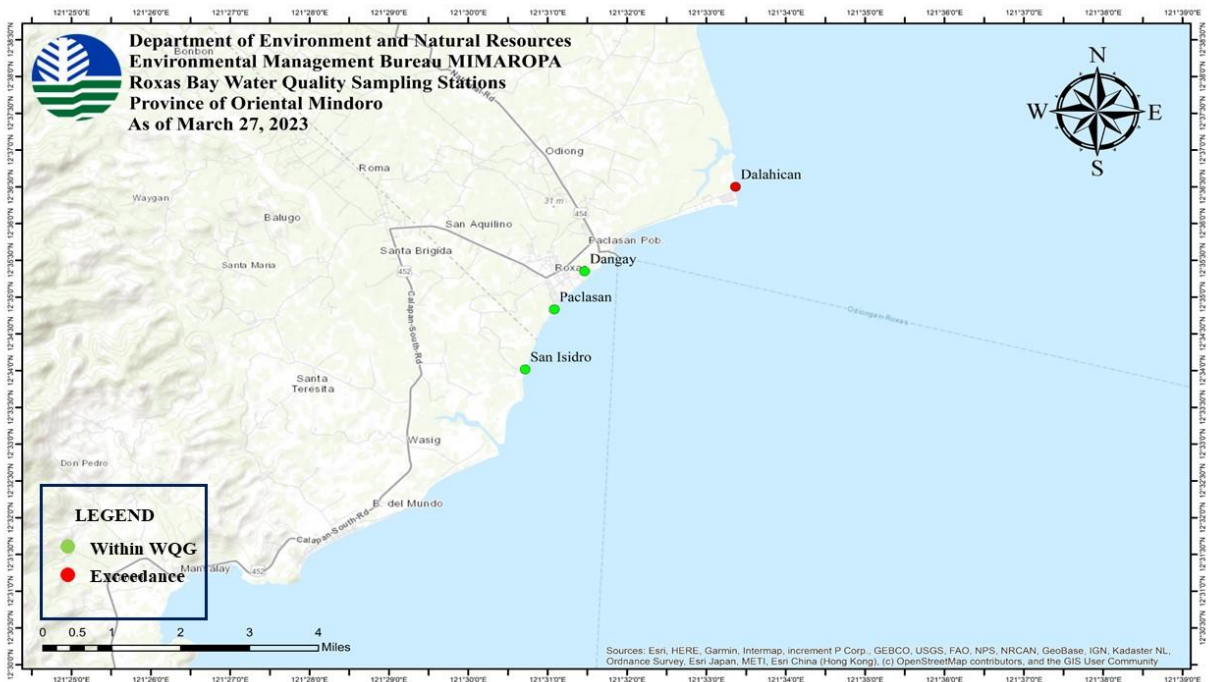


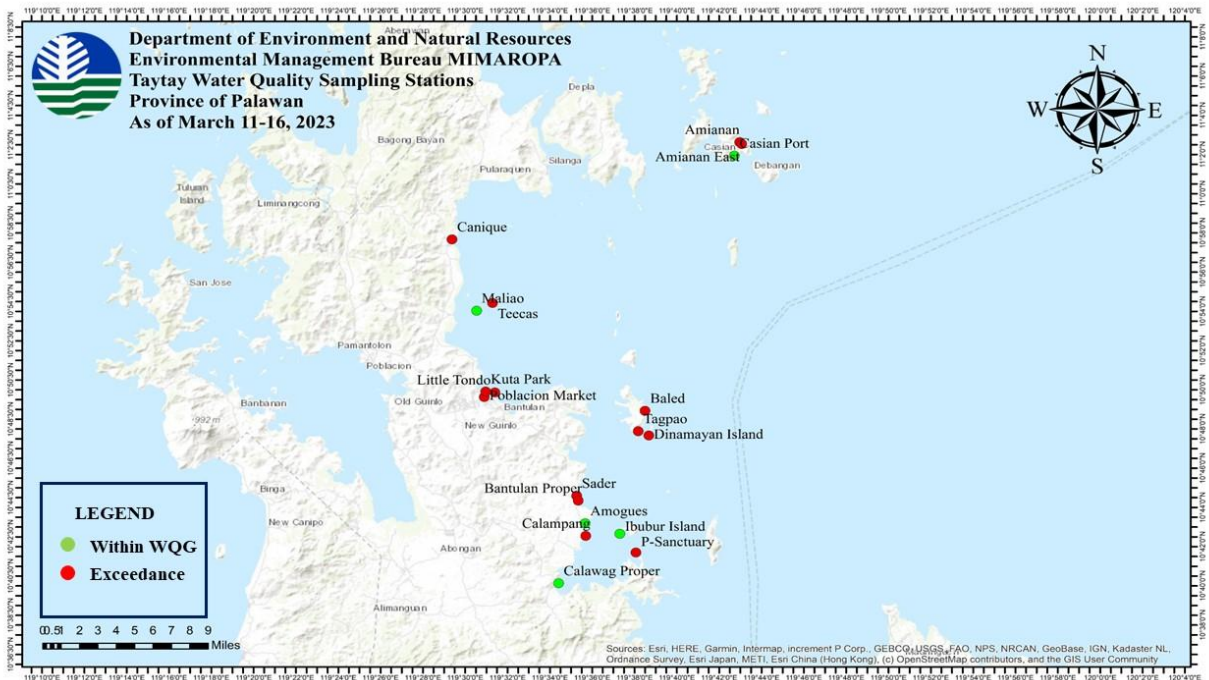












AIR QUALITY MONITORING

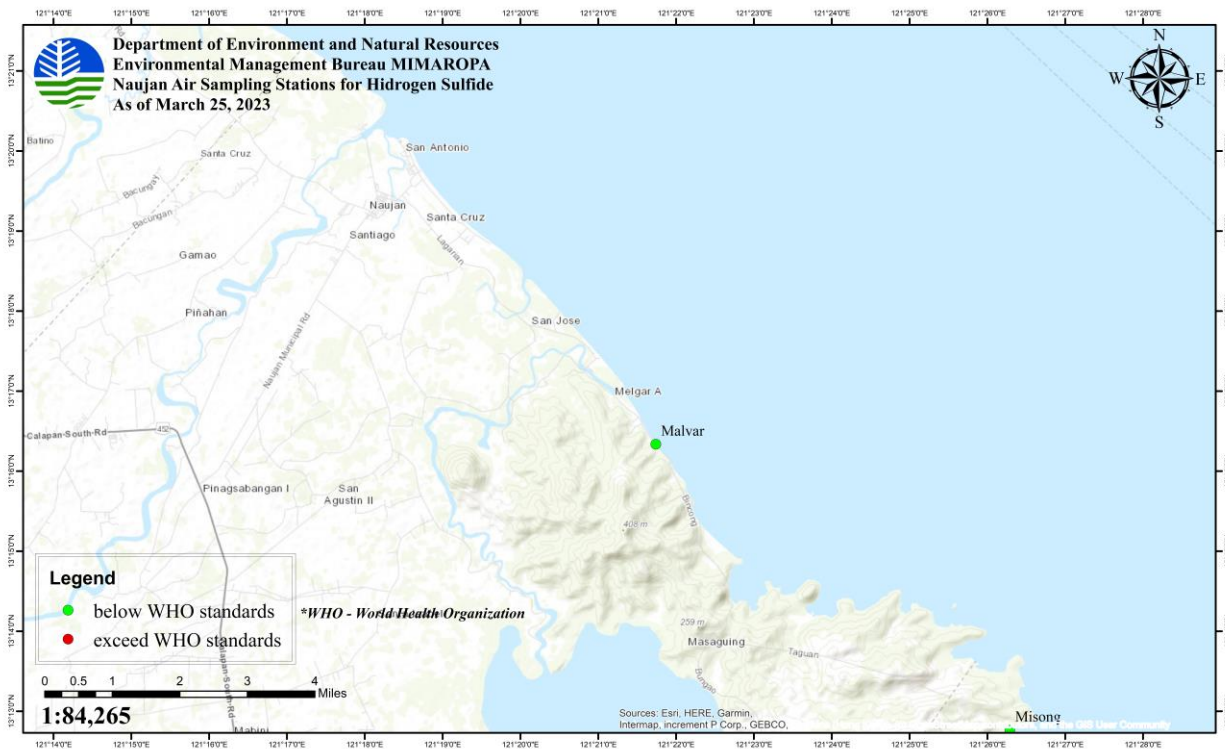
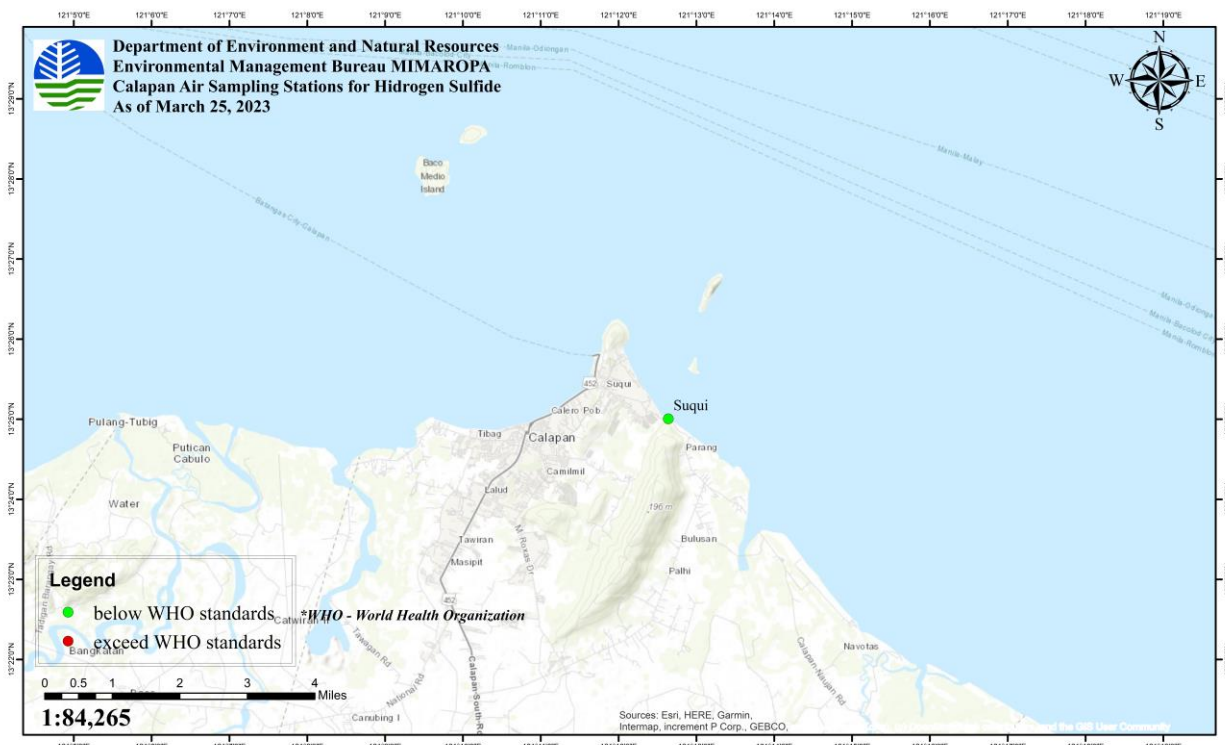
PROVINCE	CITY/ MUNICIPALITY	NO. OF SAMPLING STATIONS					DATE OF LAST SAMPLING CONDUCTED
		TOTAL SAMPLING STATIONS IN THE CITY/MUN.	H ₂ S IN-SITU		VOCs (Lab Results from CRL)		
			NOT DETECTED	DETECTED	NOT DETECTED	DETECTED	
ORIENTAL MINDORO	CALAPAN CITY	1	0	1	0	0	H ₂ S: 15-25 March 2023
ORIENTAL MINDORO	NAUJAN	3	0	3	0	0	H ₂ S: 15-25 March 2023
ORIENTAL MINDORO	POLA	8	0	8	4	0	H ₂ S: 15-25 March 2023; VOC: 9-10 March 2023
ORIENTAL MINDORO	PINAMALAYAN	3	0	3	0	0	H ₂ S: 15-25 March 2023
	Total	15	0	15	4	0	

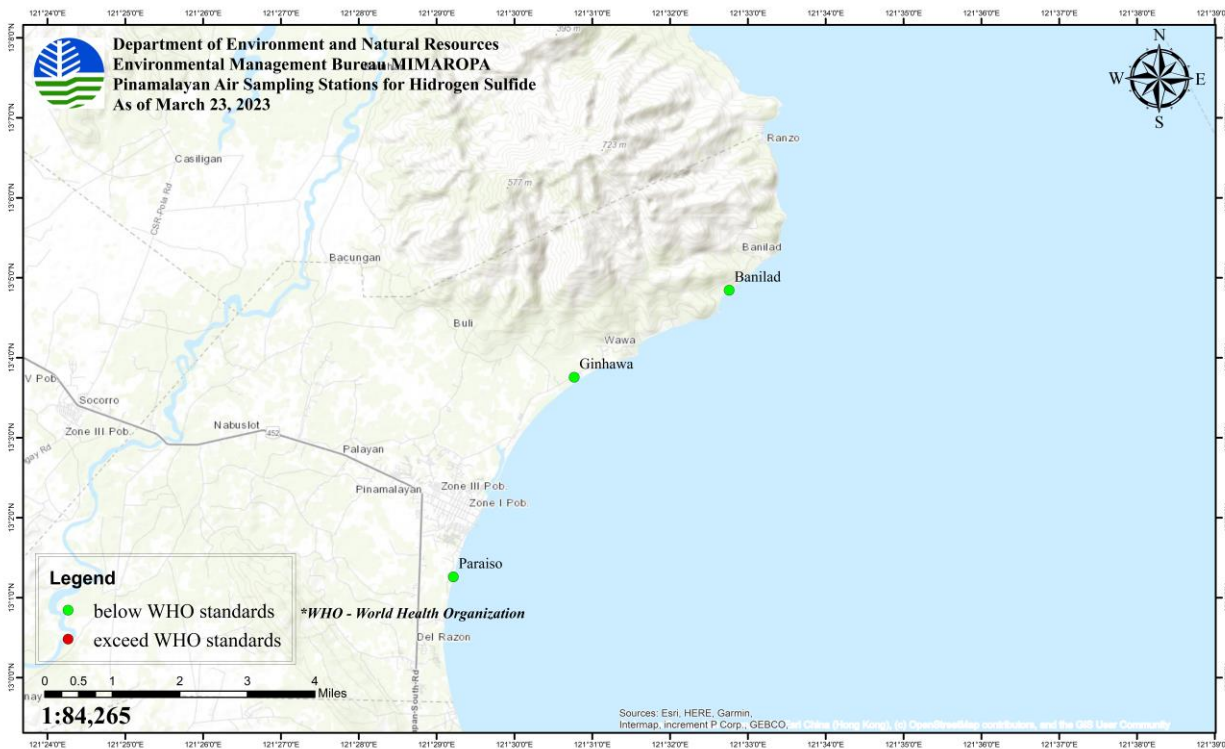
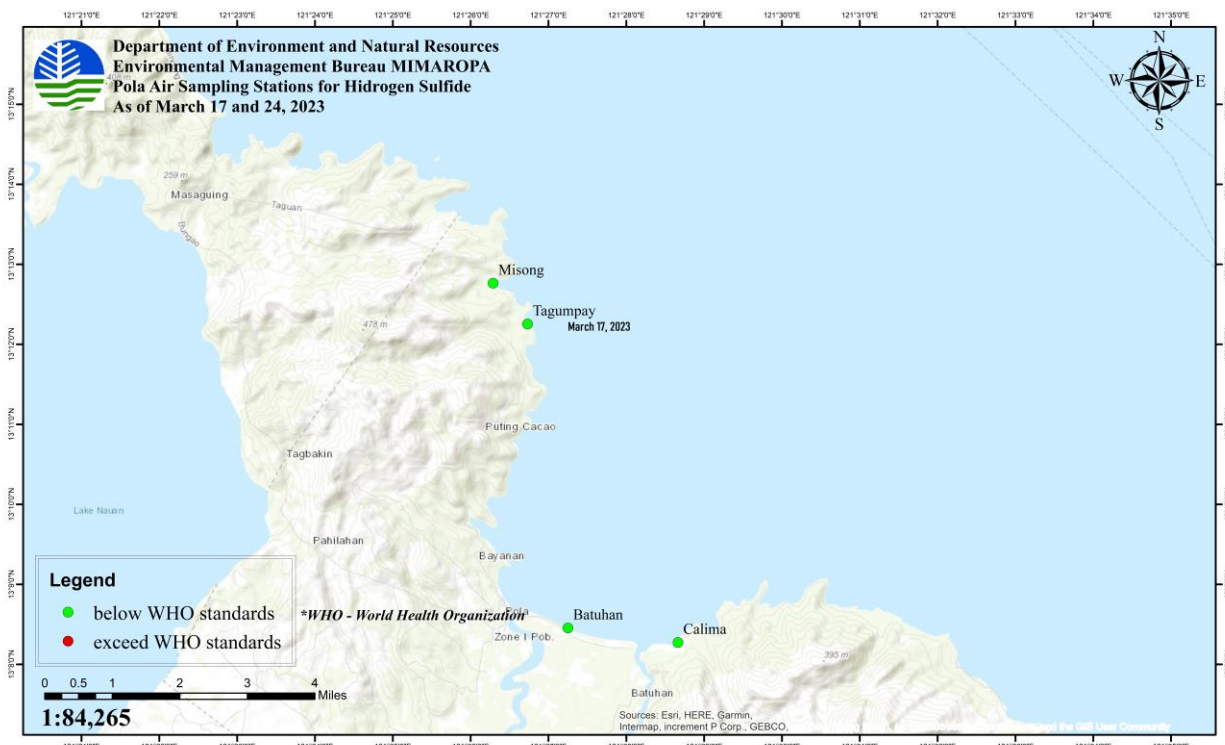
Note: While H2S were detected in the abovementioned sampling locations, the results did not exceed the W.H.O. Standards

Results of VOCs on March 9-10, 2023 Sampling

Sources	Benzene	Ethyl Benzene	m,p-Xylene	o-Xylene	Toluene
Brgy. Misong (P00136674-02)	ND	ND	ND	ND	ND
Brgy. Buhay na Tubig (P00136674-04)	ND	ND	ND	ND	ND
Brgy. Calima (P00136674-06)	ND	ND	ND	ND	ND
Brgy. Buhay na Tubig (P00136674-08)	ND	ND	ND	ND	ND

Note: **ND** means **NOT DETECTED** by the method used. No traces of analytes detected from the sample analyzed and the sample collected only represents the source during the time of collection. Samples were collected by CRL and analyzed by ASSET Inc. Laboratories.





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WASTE COLLECTION

PROVINCE	CITY/ MUNICIPALITY	OIL WASTE		OIL CONTAMINATED MATERIALS		AGENCIES/ ORGANIZATIONS INVOLVED IN THE COLLECTION	% DISPOSED
		CUM. VOLUME (IN LITERS)	CUM. WEIGHT (IN KG)	CUM. VOLUME (IN LITERS)	CUM. WEIGHT (IN KG)		
ORIENTAL MINDORO	CALAPAN CITY			1,249.2	1,124.28	PCG, Harbour Insurance, local communities under Cash for Work Program (DSWD)	0
ORIENTAL MINDORO	NAUJAN			2,708.16	2,437.344		0
ORIENTAL MINDORO	POLA			101,497.5	91,347.75		31.28%
PALAWAN	TAYTAY			520.5	468.45		0
TOTAL				105,975.36	93,377.824		

Conversion:
1 Drum of Oil Contaminated Materials= 205.5 Liters
1 Liter of Oil Contaminated Materials= 0.9 kg

DONATIONS MONITORING

DONOR	ITEMS DONATED / SERVICES	RECIPIENT CITY/ MUNICIPALITY	FOCAL PERSON
DMCI Power Corp.	50 pcs Drums	LGU - Pola	
Power One Corporation	30pcs Drums	LGU - Pola	
Occidental Mindoro Consolidated Power Corp.	15 pcs Drums	LGU - Pola	
Temasek Foundation through Filinvest Land Inc.	70 Boxes (1000pcs/box) of KN95 mask 5 Boxes (1000pcs/box) of KN95 mask 2 Boxes (1000pcs/box) of KN95 mask		Jennifer M. Cruz 8 March 23 Meynardo Axalan 9 March 2023
Coral Bay Nickel Mining	5 boxes of Absorbent Pads		
	11 pieces 3M 6200 Half Facepiece Respirator (Medium) 14 pairs 3M 6003 Organic Vapor/Acid Gas Cartridge 28 pieces 3M 5N11 Particulate Filter, N95 28 pieces 3M 501 Filter Retainer 14 pieces 3M 4750 Chemical Protective Coverall (Large) 15 boxes Nitrile Gloves 14 pairs Boots Chemical Resistant 3 pieces 3M 6800 Full Facepiece Respirator (Medium)	EMB – MIMAROPA Region	Atty. Alessa May V. Ismael (23 March 2023)
First Gen Corporation	424 pcs Mini Boom Spill 132 pcs Mini Boom Spill 3 packs (100pcs/pack) Oil Sorbent Pads 3 rolls (49m x 0.96m x 0.35cm per roll) Oil Sorbent Rolls 4 pcs Open Top Drums 12 pcs Closed Top Drums 5 boxes (75pcs/box) Heavy-Duty Plastic Bag 45 boxes (20 pcs/box) N95 masks 10 boxes (50 pcs/box) N95 masks 40 pairs Nitrile Gloves 5 boxes (100 pcs/box) Latex Gloves, small		Meynardo Axalan 9 March 2023

	4 boxes (162 bars/box) Hand Soaps		
Prime Energy Resources Development	54 pcs UN Drums (210 Liters) 10 tote tanks (1cum).		
First Gen Corporation	Oil Spill Boom Reels (Tank Capacity: 300L) Oil Spill Boom (Inflatable booms in 2 reels) Dispersants 600 Liter	PCG Oriental Mindoro	

II. ACTIONS TAKEN

- Continuous air and water monitoring and sampling of stations in Occidental Mindoro, Oriental Mindoro and Palawan.
- Continuous supervision and technical assistance in the Hazardous waste management.
- Provide technical assistance in the fabrication and installation of spill booms made from alternative materials.
- Coordination with local government units and other concerned government agencies pertaining to clean-up operations, assistance in livelihood projects of affected residents and fisherfolks.
- On 31 March 2023, the Technical Staff of EMB MIMAROPA conducted investigation in regard to the hauling activity did by Harbor Star Shipping Line Services, Inc. in the barangays of Pola, Oriental Mindoro. The hauled oil-contaminated drums were transported to the temporary storage area located at PPA-Pola Port.

The observation during the hauling activity, to wit:

- The temporary storage area has no roof thus the drums were directly exposed to the sunlight. Currently, dried coconut palms were placed above the drums;
- Some of the drums were deformed and has an oil leak at the lid of the drum;
- Some of the recycled drums used in storing hazardous waste by Harbor Star Shipping Services, Inc. still has its original labels which contains other GHS Symbols which was not appropriate for the proper labelling of hazardous waste contained.; and
- A distinct odor of rotten eggs can be smelled near the temporary storage area.

Thus, the following are the recommendations:

- To immediately transport the collected hazardous waste at the temporary storage facility to an accredited Treatment, Storage, and Disposal (TSD) Facility to prevent further spillage of oil and possible unwanted reactions of the stored hazardous waste;
- Removed the previous labels in the recycled drums and replace with proper labels for the appropriate hazardous waste; and
- Install signages on all corners of the facility informing the community on the possible health hazards of the hazardous waste.

III. WAYS AHEAD

- Continuous monitoring and strategize sampling frequency of water quality sampling in areas affected by oil spill.
- Continuous coordination with provincial/local government units as regards clean-up operations, water quality sampling, technical assistance in the collection and transporting of hazardous wastes, and cash for work programs for individuals affected by the oil spill.
- To assist OCEANUS (NGO) in the site selection in connection with their proposal to use eco-friendly dispersant.
- EMB will conduct water sampling for VOC analysis on identified locations in Municipality of Naujan, Pola and Calapan.

- EMB will conduct ambient water sampling for the parameters of VOCs (BTEX) for seawater, river and ground water.
- Source apportionment analysis for PM10 filter paper samples collected from Baco Station, Calapan Station, and Naujan Station of the BCN Airshed.
- To monitor the implementation of Clean-up Plan submitted by Harbor Star specifically on the hauling, storage, and disposal of hazardous waste.


JOE AMIL M. SALINO
Regional Director
EMB – MIMAROPA Region



R4B-2023-006551

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