



TASK FORCE MT. PRINCESS EMPRESS OIL SPILL INCIDENT

SITUATIONAL REPORT NO. 36

06 April 2023

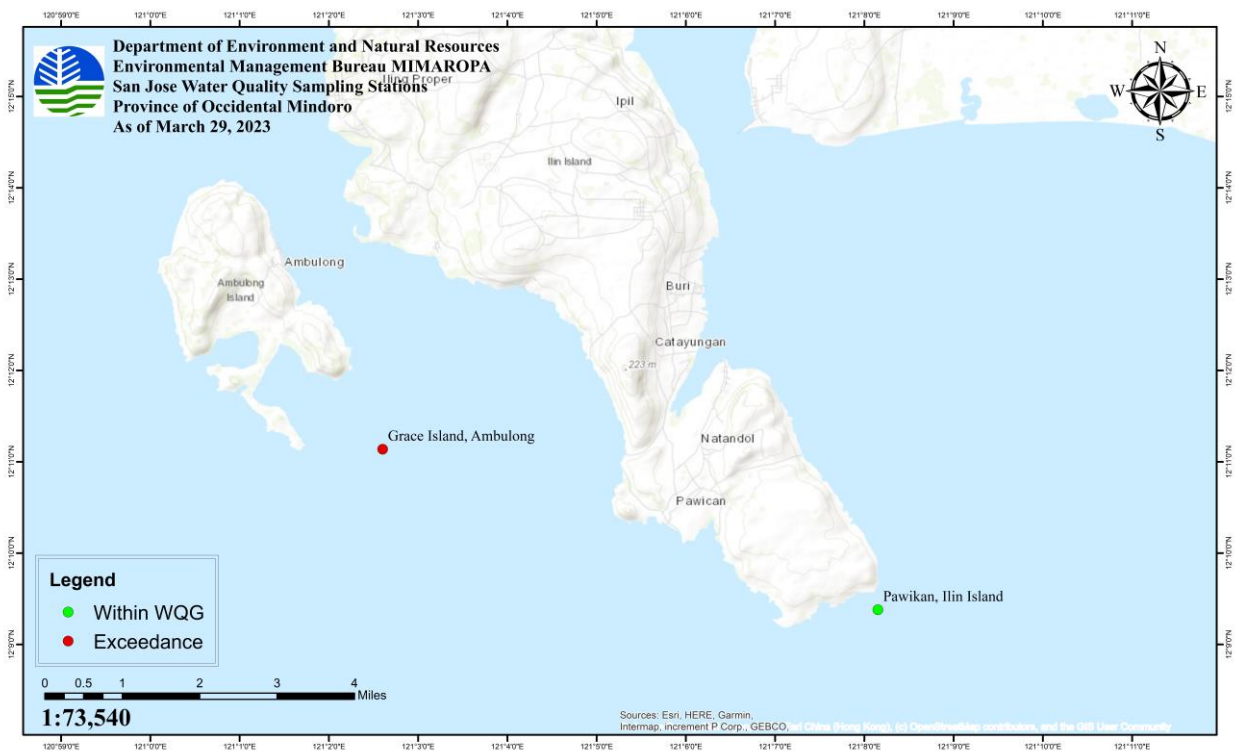
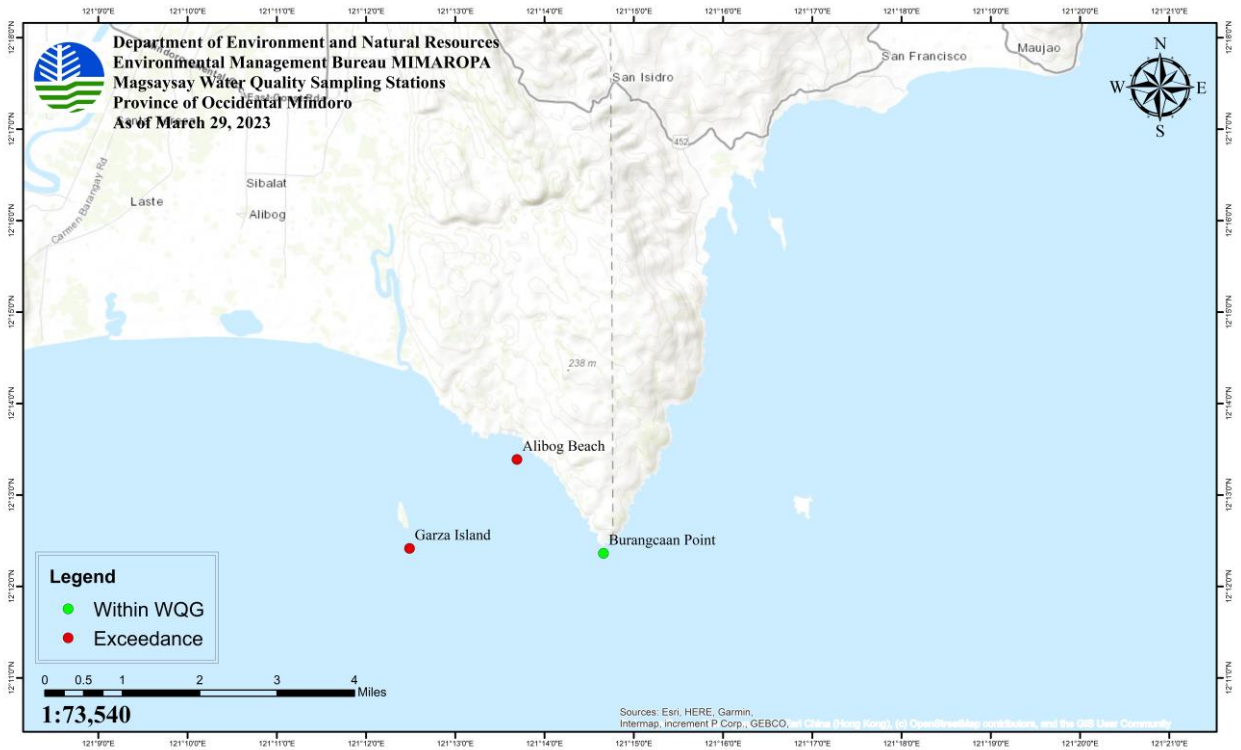
I. SITUATIONAL OVERVIEW

AFFECTED AREAS

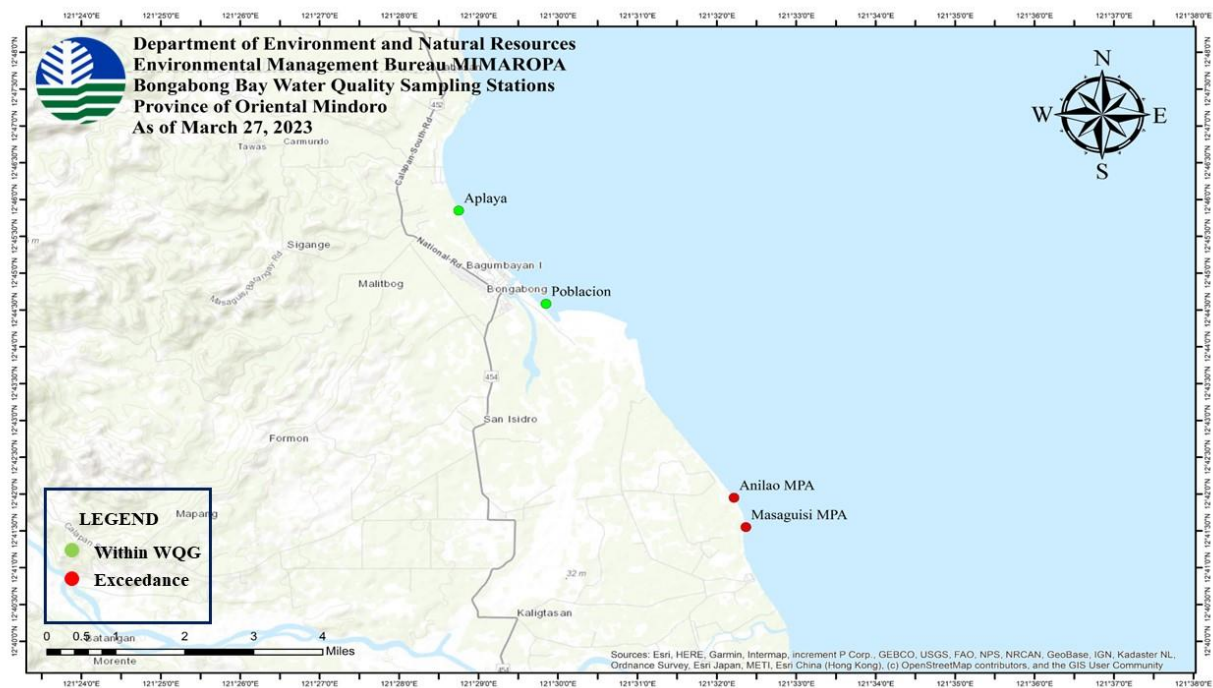
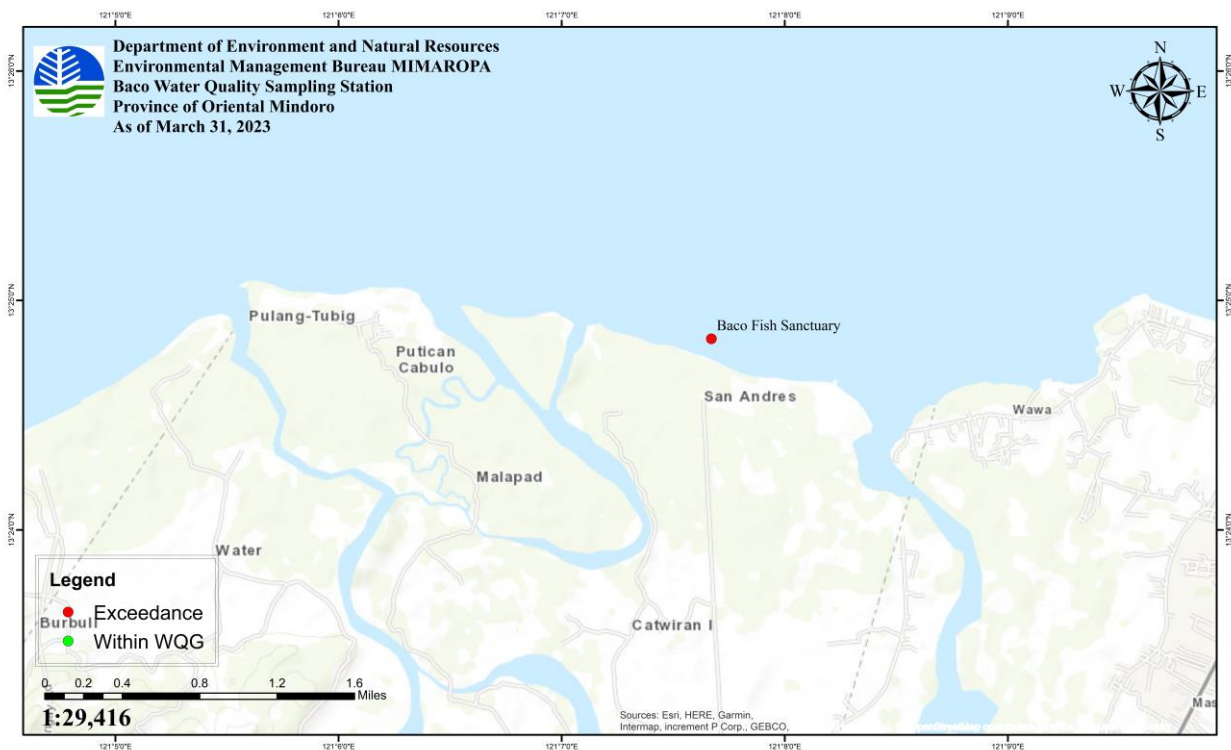
REGION	PROVINCES	CITIES/ MUNICIPALITIES	REMARKS
MIMAROPA	Oriental Mindoro	1. Bansud 2. Bongabong 3. Bulalacao 4. Gloria 5. Mansalay 6. Naujan 7. Pola 8. Pinamalayan 9. Roxas	Sangguniang Panlalawigan Resolution No. 6290-2023 dated 06 March 2023 declared 78 coastal barangays of nine (9) municipalities 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	1	2	29 March 2023
OCCIDENTAL MINDORO	SAN JOSE	2	1	1	29 March 2023
ORIENTAL MINDORO	BACO	1	0	1	31 March 2023
ORIENTAL MINDORO	BONGABONG	4	2	2	27 March 2023
ORIENTAL MINDORO	BULALACAO	3	0	3	29 March 2023
ORIENTAL MINDORO	CALAPAN CITY	8	2	6	20-25 March 2023
ORIENTAL MINDORO	GLORIA	8	3	5	27 March 2023
ORIENTAL MINDORO	MANSALAY	2	0	2	29 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	31 March 2023
PALAWAN	TAYTAY	19	5	14	17 March 2023
	Total	113	28	85	



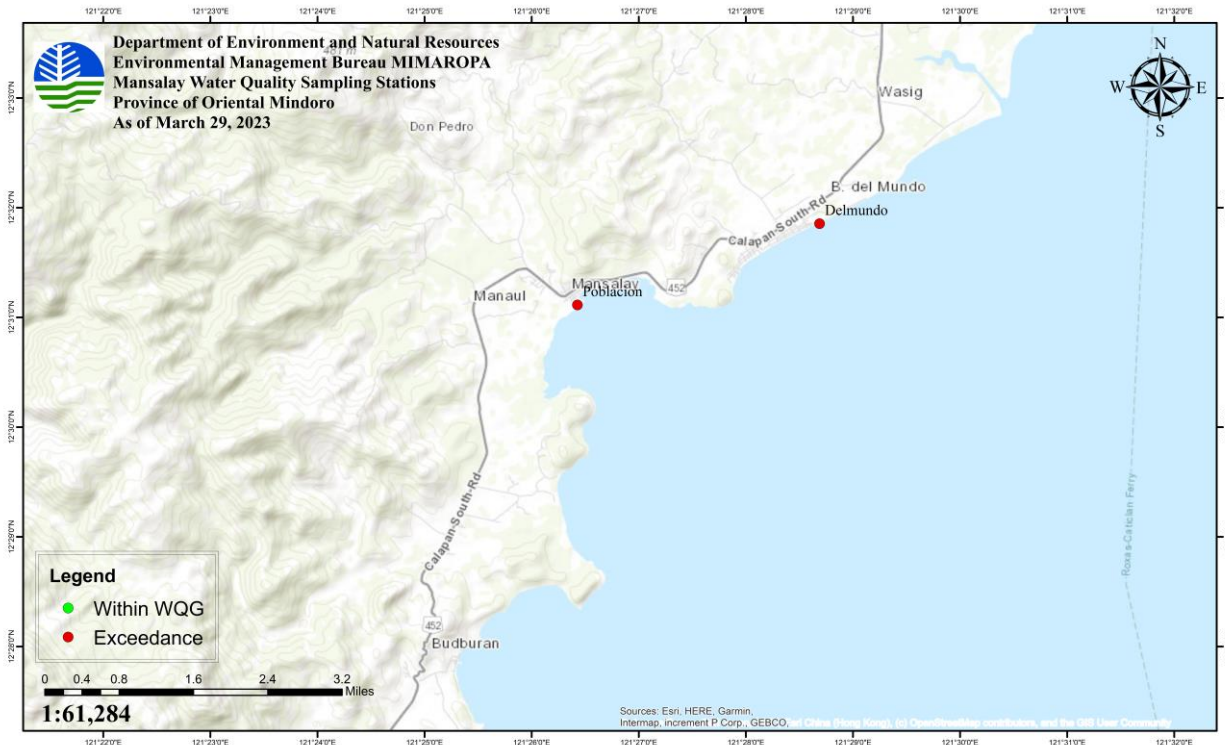
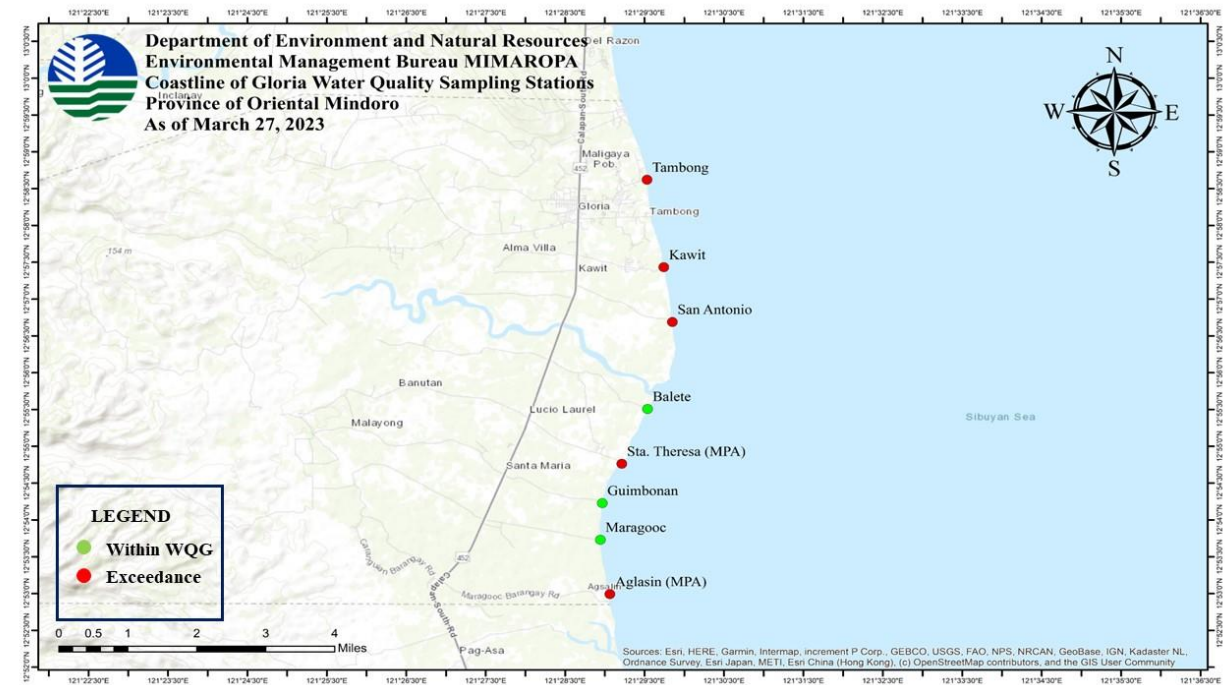
PENRO Compound, Brgy. Suqui, Calapan City, Oriental Mindoro  
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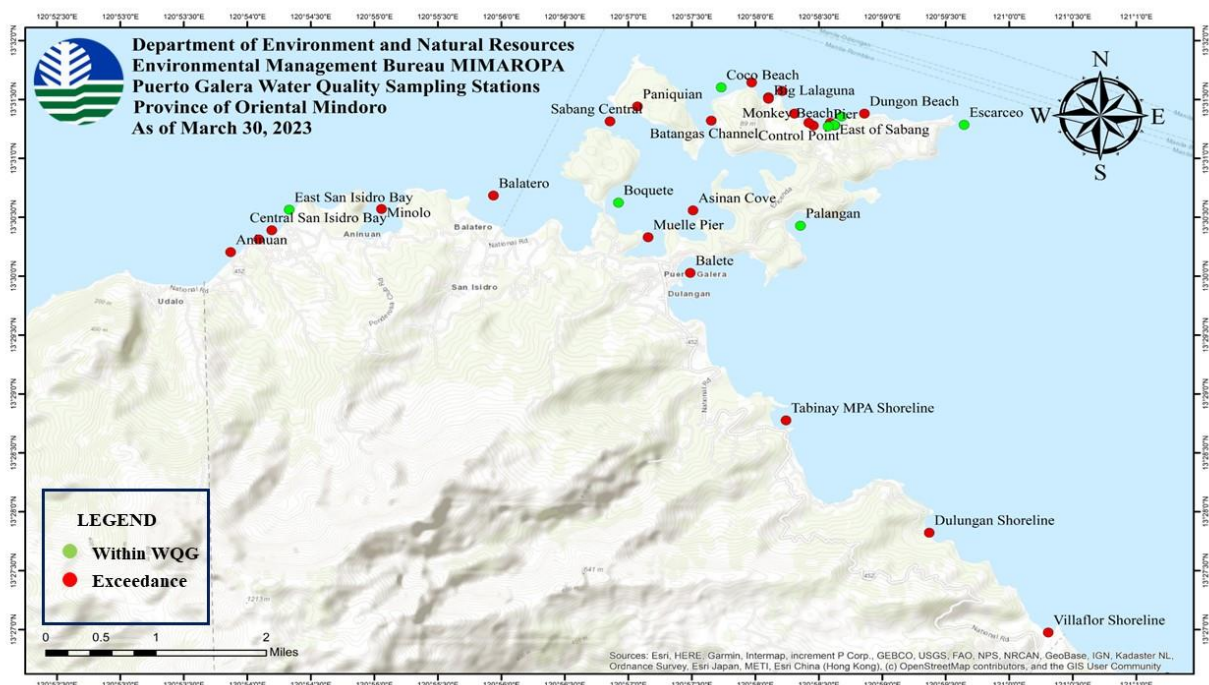
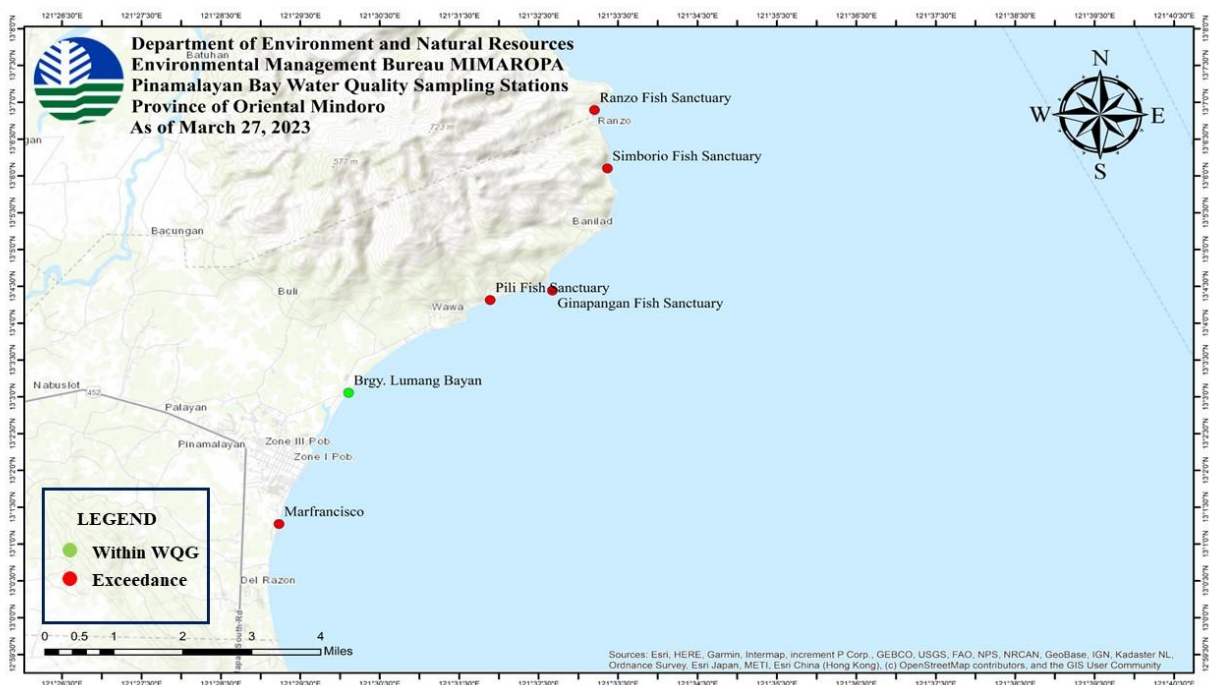




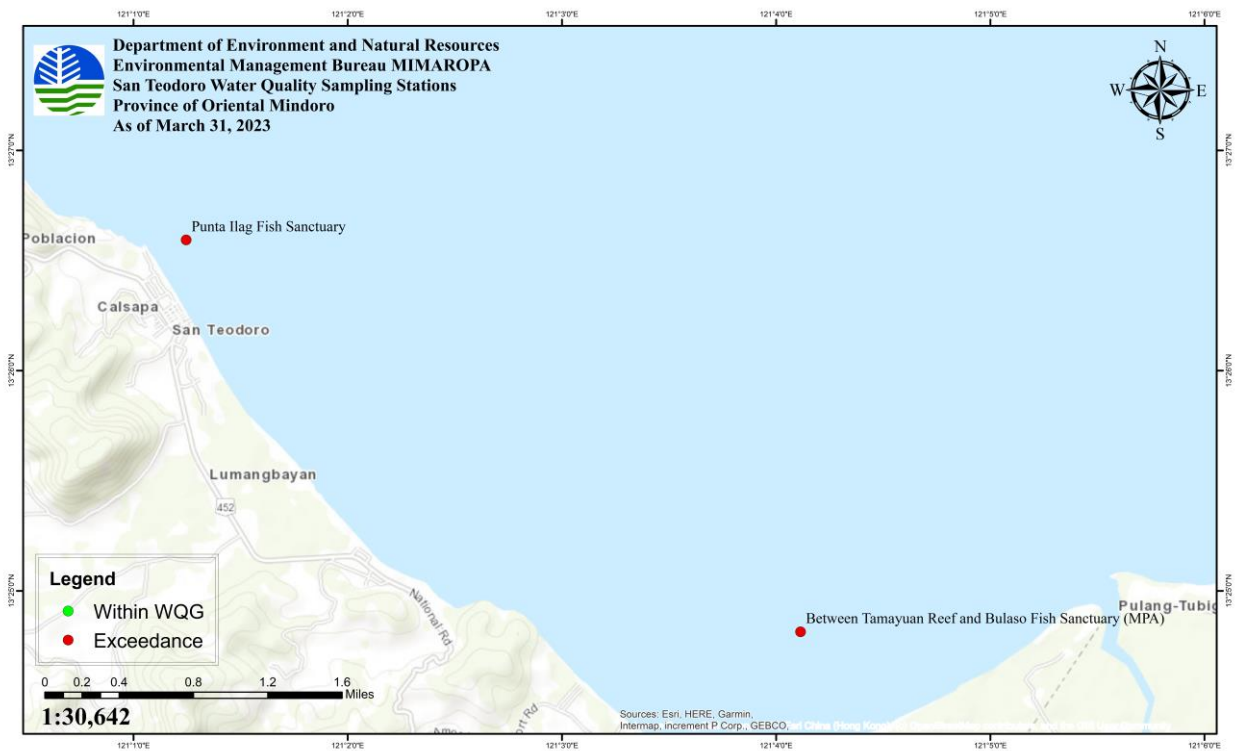
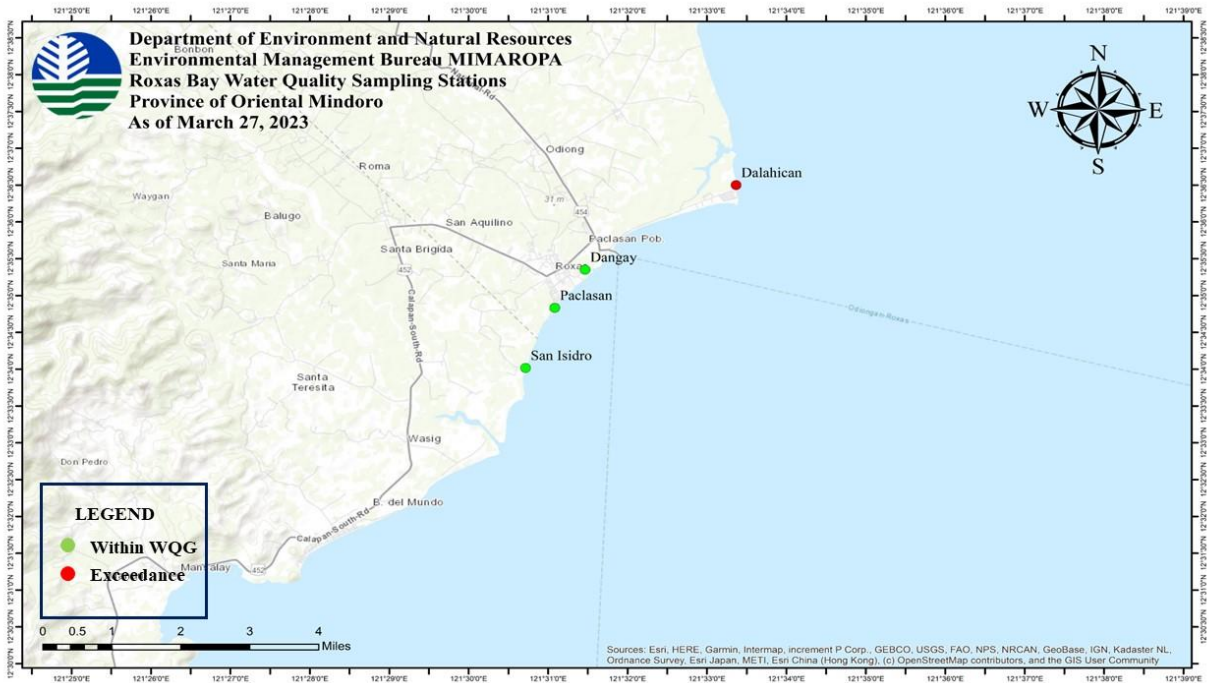




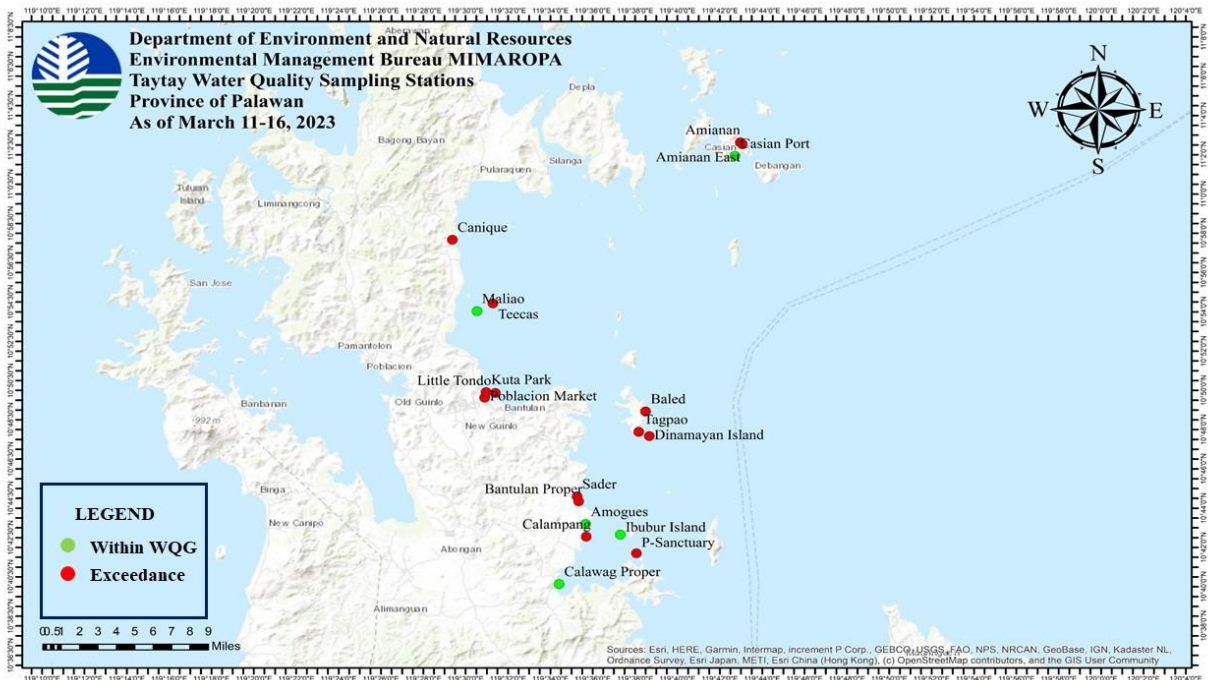




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AIR QUALITY MONITORING

PROVINCE	CITY/ MUNICIPALITY	NO. OF SAMPLING STATIONS							DATE OF LAST SAMPLING CONDUCTED
		TOTAL SAMPLING STATIONS IN THE CITY/MUN.	H <sub>2</sub> S (1) IN-SITU		TVOC (2) IN-SITU		VOCs (Lab Results from CRL)		
			NOT DETECTED	DETECTED	NOT DETECTED	DETECTED	NOT DETECTED	DETECTED	
ORIENTAL MINDORO	CALAPAN CITY	1	0	1	0	1	0	0	H <sub>2</sub> S and TVOC: 25 March 2023
ORIENTAL MINDORO	NAUJAN	1	0	1	0	1	0	0	H <sub>2</sub> S and TVOC: 25 March 2023
ORIENTAL MINDORO	POLA	4	0	4	0	4	4	0	H <sub>2</sub> S and TVOC: 17 and 24 March 2023; VOC: 9-10 March 2023
ORIENTAL MINDORO	PINAMALAYA N	3	0	3	0	3	0	0	H <sub>2</sub> S and TVOC: 23 March 2023
	Total	9	0	9	0	9	4	0	

Note:

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

2. Based on the in-situ sampling, Total Volatile Organic Compounds (TVOC) was detected in the absence of EMB Standards.

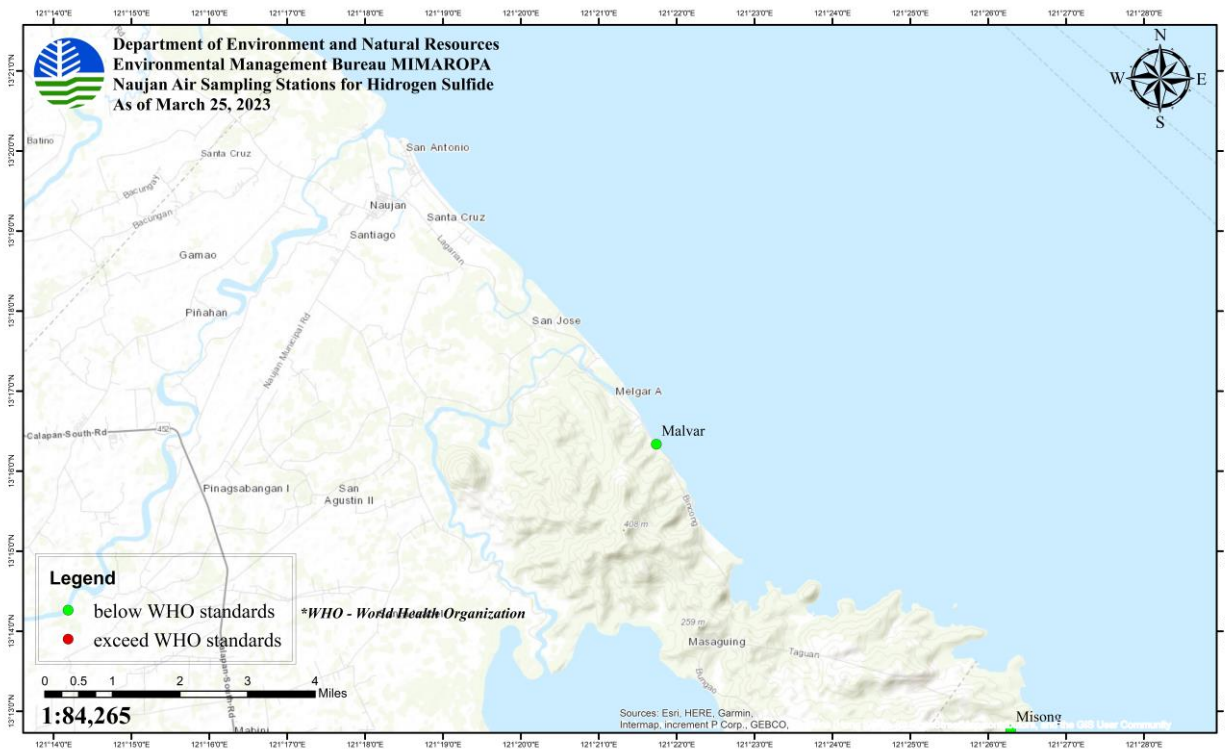
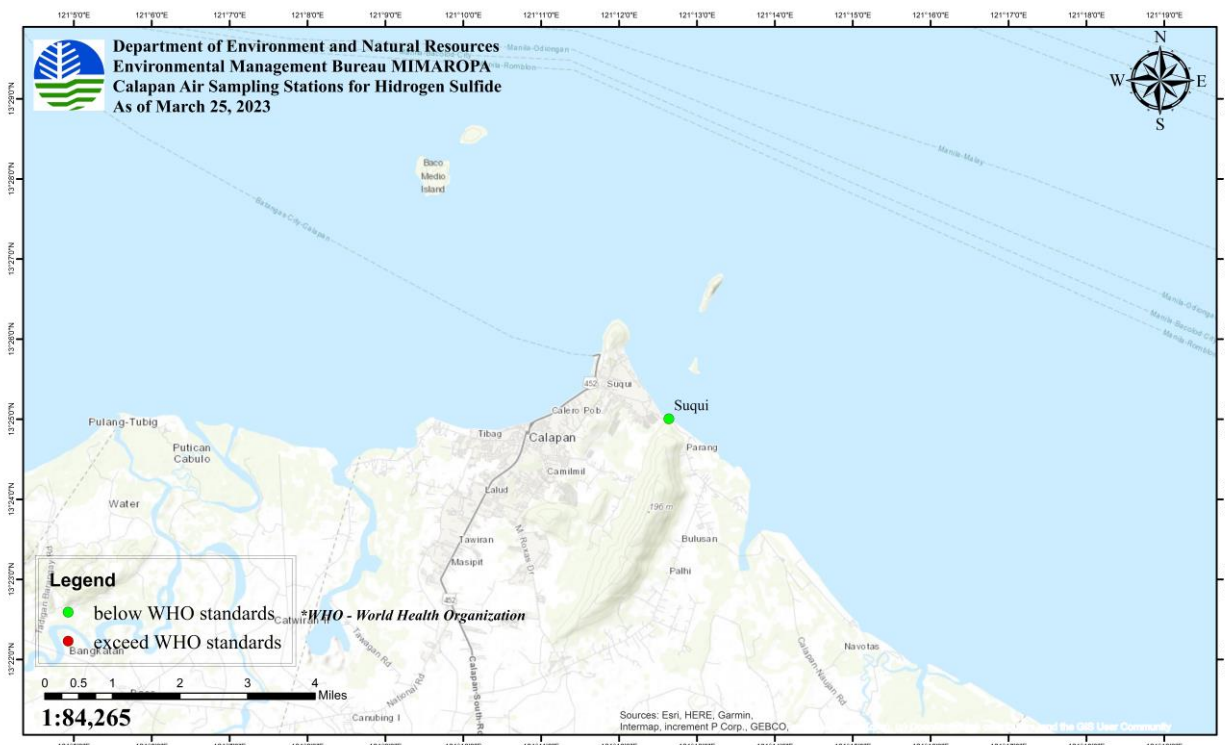
Results of Volatile Organic Compounds (VOCs) on March 9-10, 2023 Sampling

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.

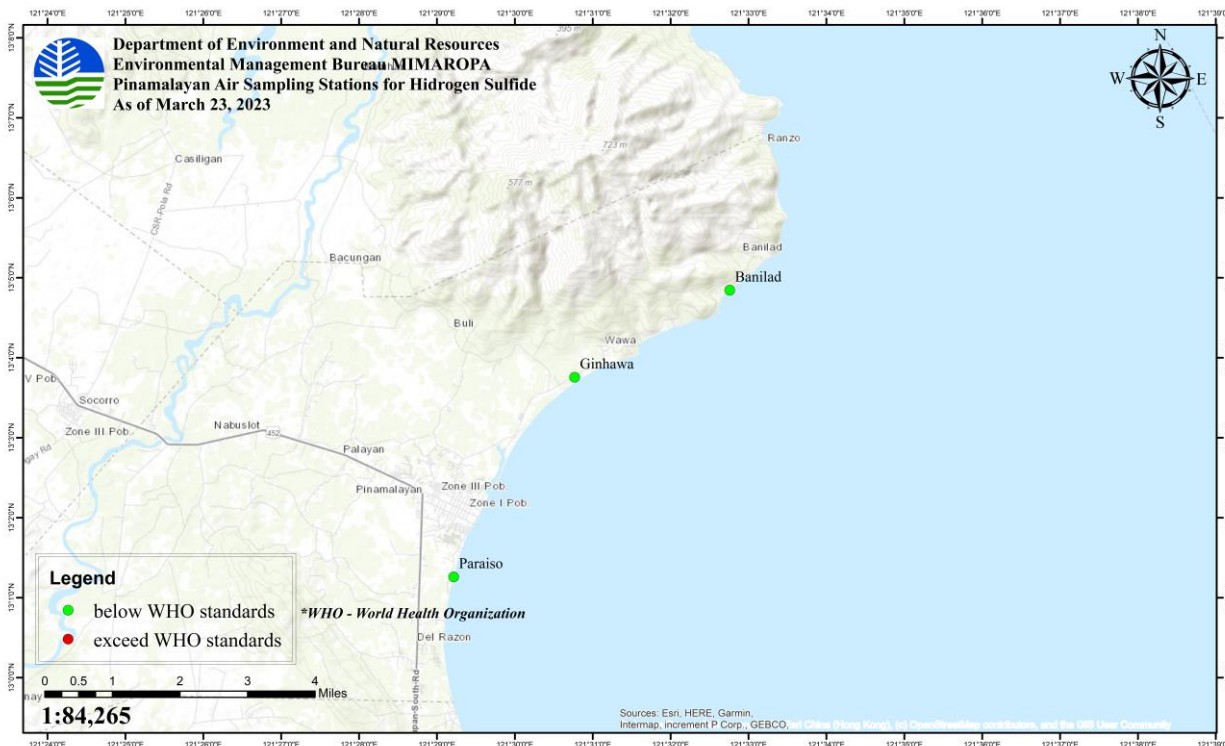
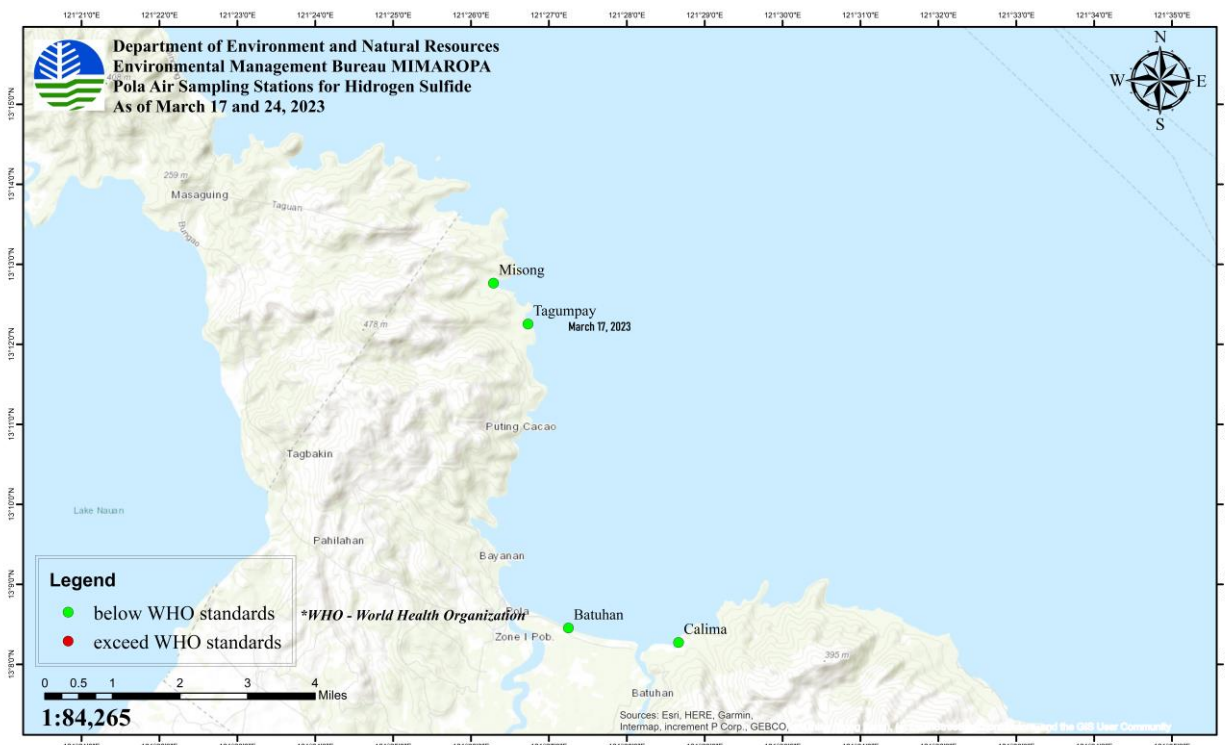
Results of Total Volatile Organic Compounds (TVOCs) on March 15-25, 2023 Sampling				
PROVINCE	SOURCE (Municipality/City)	LOCATION (Barangay)	TVOC (mg/m³)	DATE OF SAMPLING
ORIENTAL MINDORO	POLA	BRGY. CALIMA	0.015	15 March 2023
			0.046	16 March 2023
			0.017	17 March 2023
			0.024	24 March 2023
		BRGY. MISONG	0.011	16 March 2023
			0.018	17 March 2023
			0.023	24 March 2023
		BRGY. BATUHAN	0.024	24 March 2023
		BRGY. TAGUMPAY	0.018	16 March 2023
			0.013	17 March 2023
	NAUJAN	BRGY. MALVAR	0.014	25 March 2023
	PINAMALAYAN	BRGY. PARAISO	0.011	23 March 2023
	PINAMALAYAN	BRGY. GINHAWA	0.023	23 March 2023
	PINAMALAYAN	BRGY. BANILAD	0.024	23 March 2023
	CALAPAN	BRGY. SUQUI	0.022	25 March 2023

Results of Hydrogen Sulfide (H <sub>2</sub> S) on March 15-25, 2023 Sampling				
PROVINCE	SOURCE (Municipality/City)	LOCATION (Barangay)	H <sub>2</sub> S (ppm)	DATE OF SAMPLING
ORIENTAL MINDORO	POLA	BRGY. CALIMA	0.03	15 March 2023
			0.03	16 March 2023
			0.03	17 March 2023
			0.01	24 March 2023
		BRGY. MISONG	0.04	16 March 2023
			0.04	17 March 2023
			0.01	24 March 2023
		BRGY. BATUHAN	0.02	24 March 2023
		BRGY. TAGUMPAY	0.02	16 March 2023
			0.02	17 March 2023
	NAUJAN	BRGY. MALVAR	0.04	25 March 2023
	PINAMALAYAN	BRGY. PARAISO	0.02	23 March 2023
	PINAMALAYAN	BRGY. GINHAWA	0.03	23 March 2023
	PINAMALAYAN	BRGY. BANILAD	0.05	23 March 2023
	CALAPAN	BRGY. SUQUI	0.02	25 March 2023

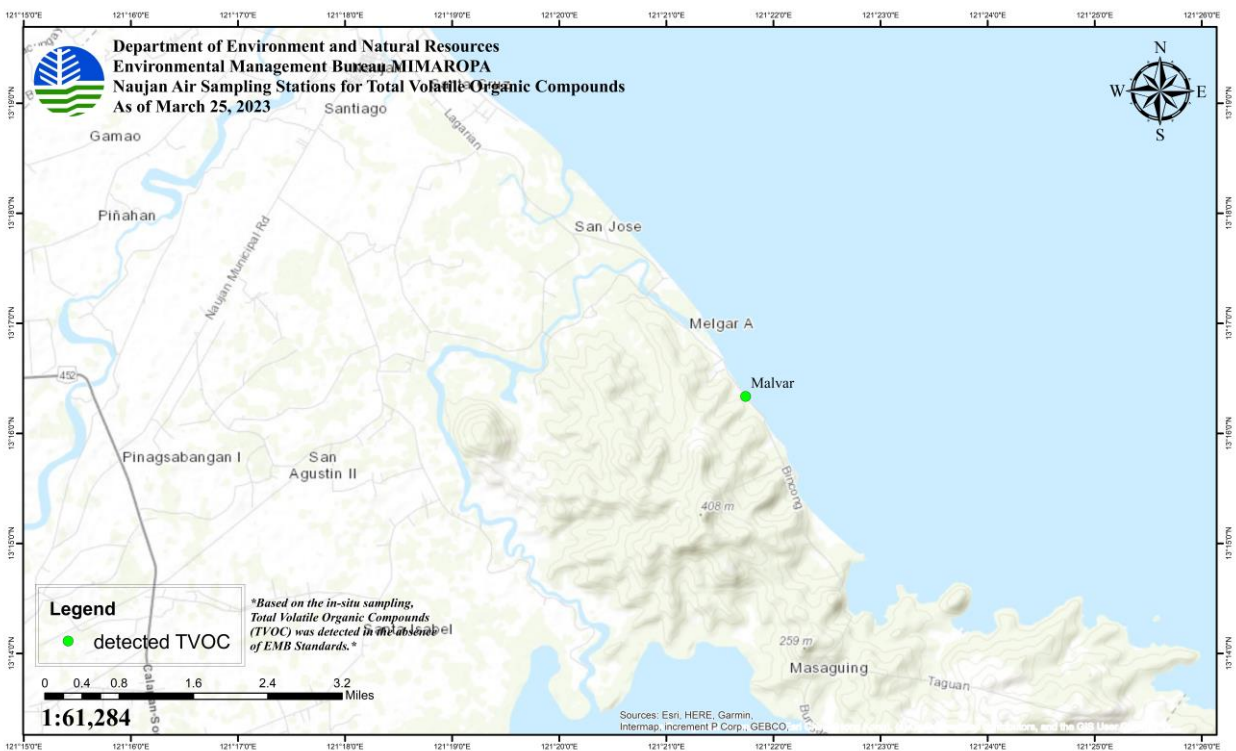
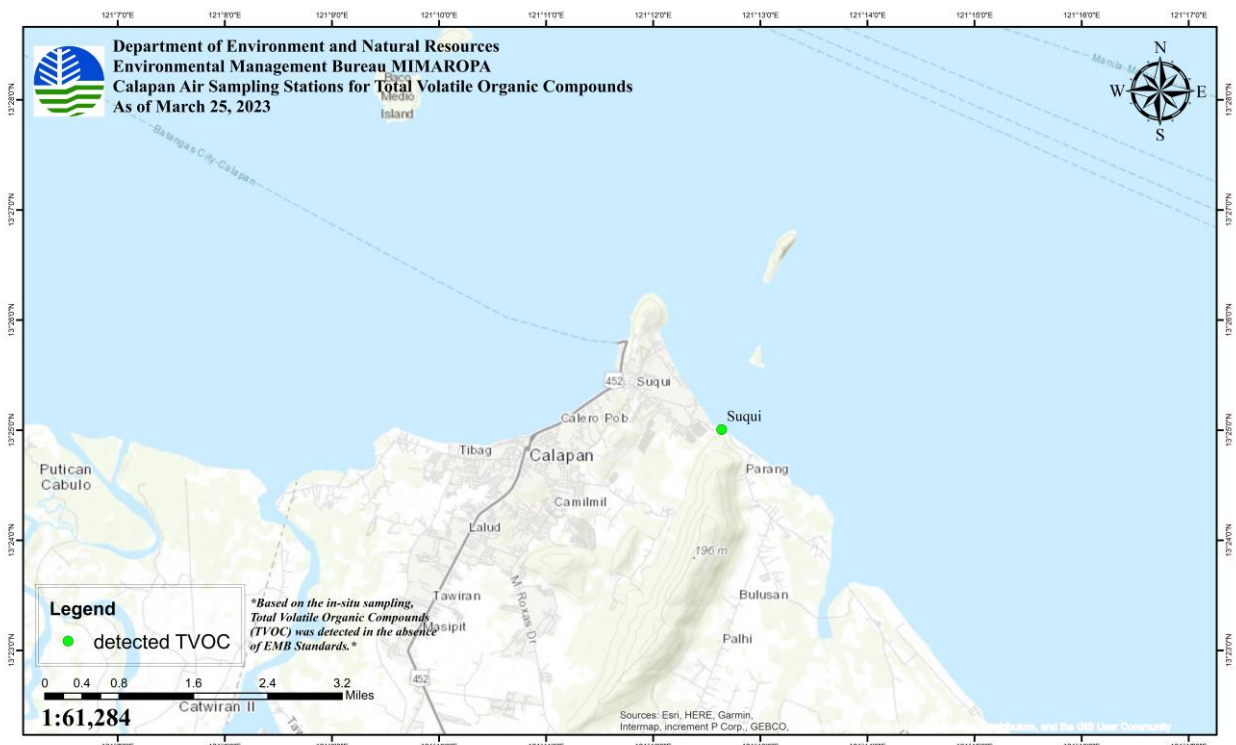


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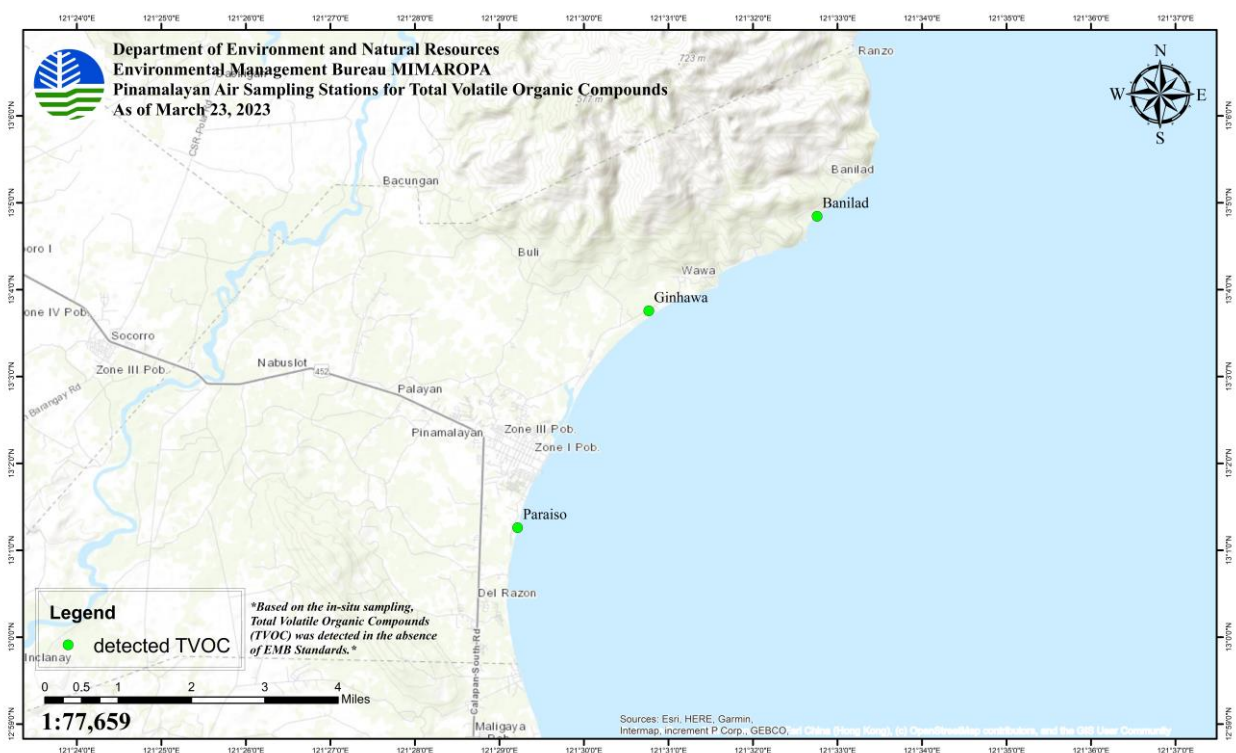
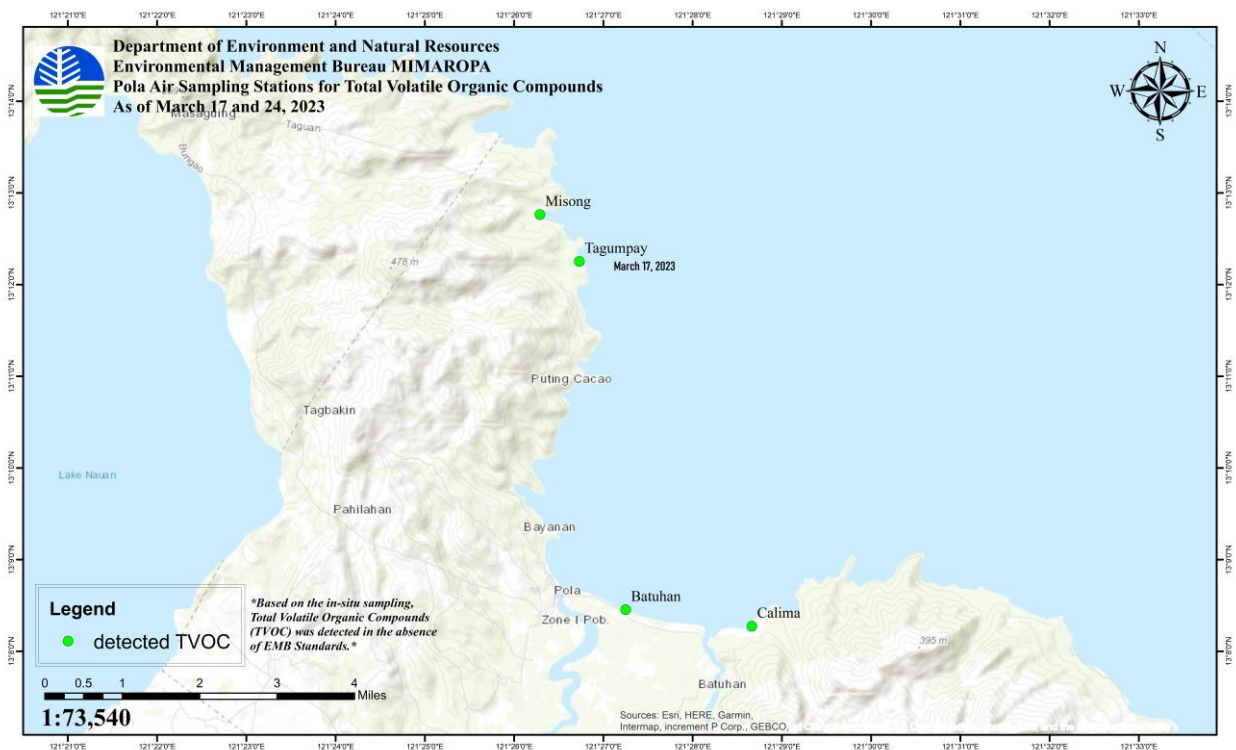




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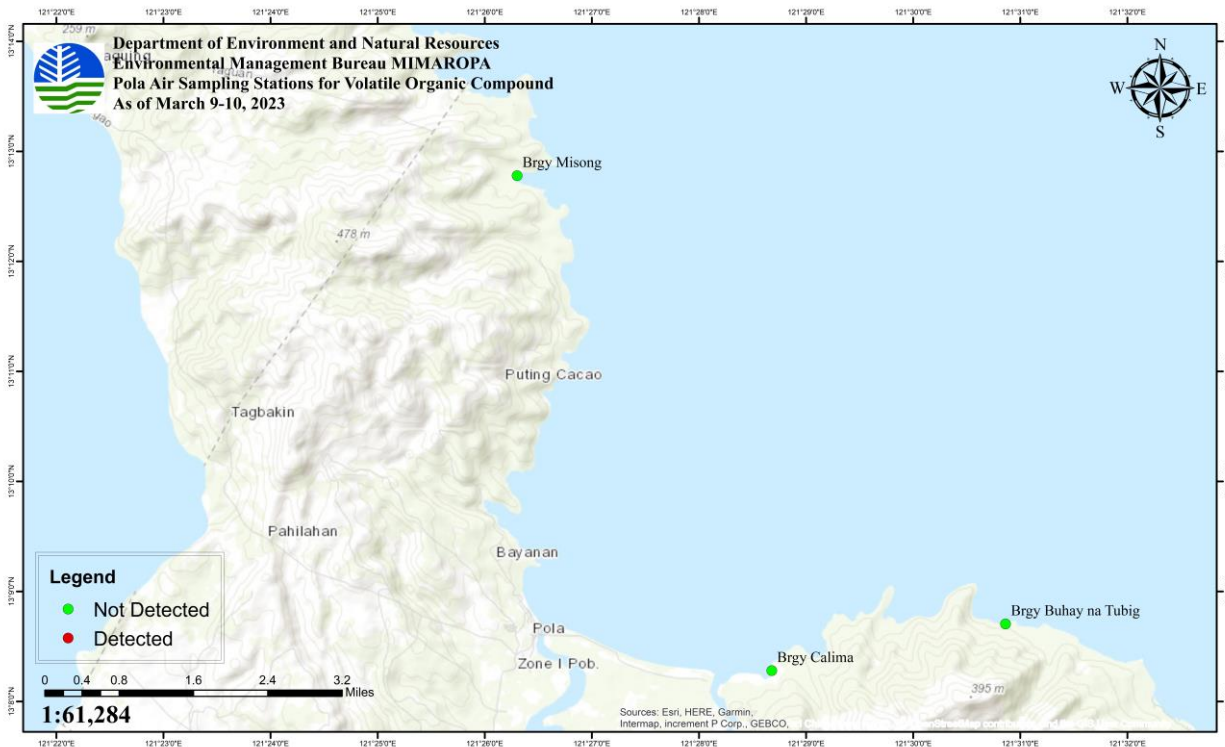


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WASTE COLLECTION

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			4,373.76	3,936.384		0
ORIENTAL MINDORO	POLA			101,497.5	91,347.75		31.28%
PALAWAN	TAYTAY			520.5	468.45		0
TOTAL				107,640.96	96,876.864		

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	

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### 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-2023-006597

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ANNEX 1



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