



TASK FORCE MT. PRINCESS EMPRESS OIL SPILL INCIDENT

SITUATIONAL REPORT NO. 35

05 April 2023

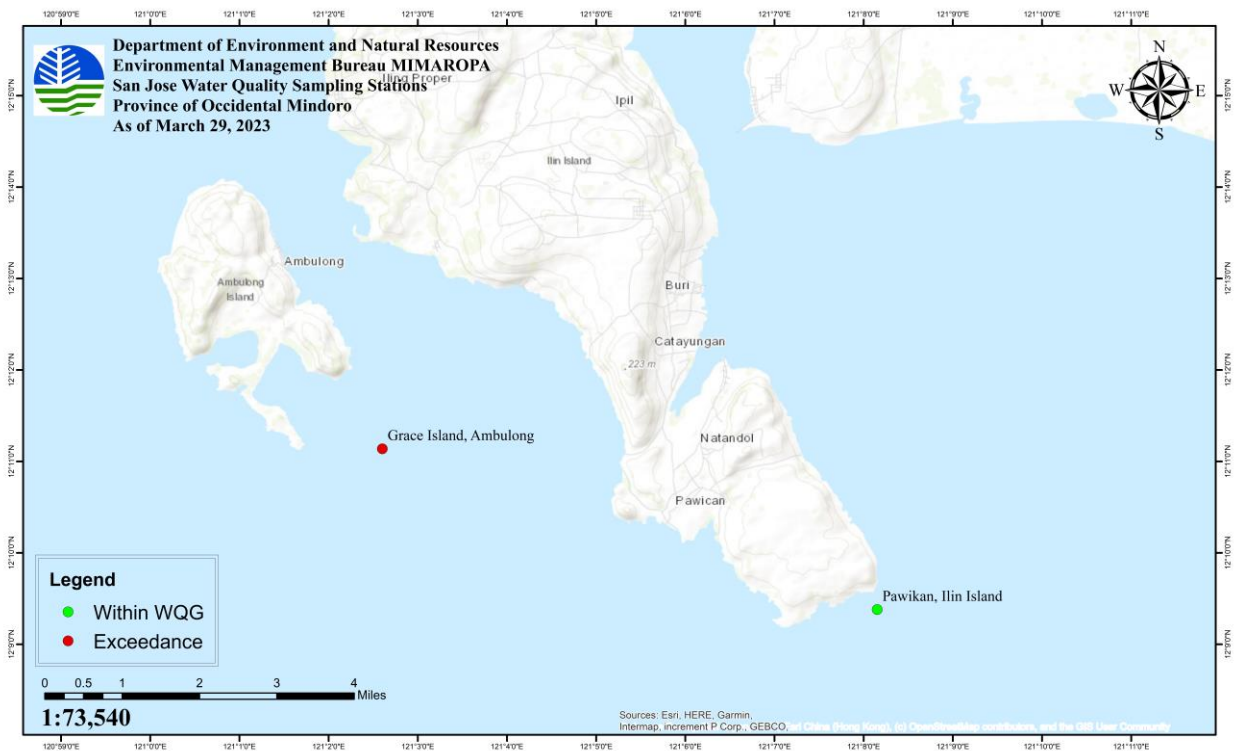
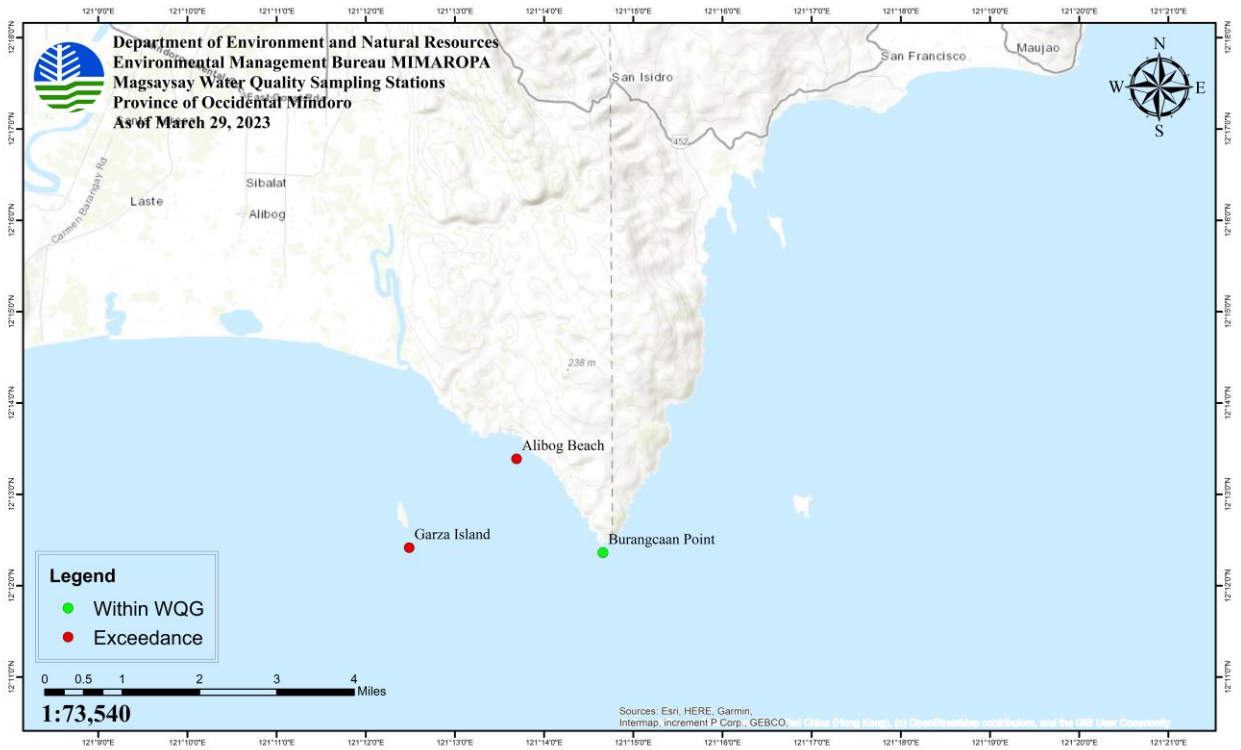
I. SITUATIONAL OVERVIEW

AFFECTED AREAS

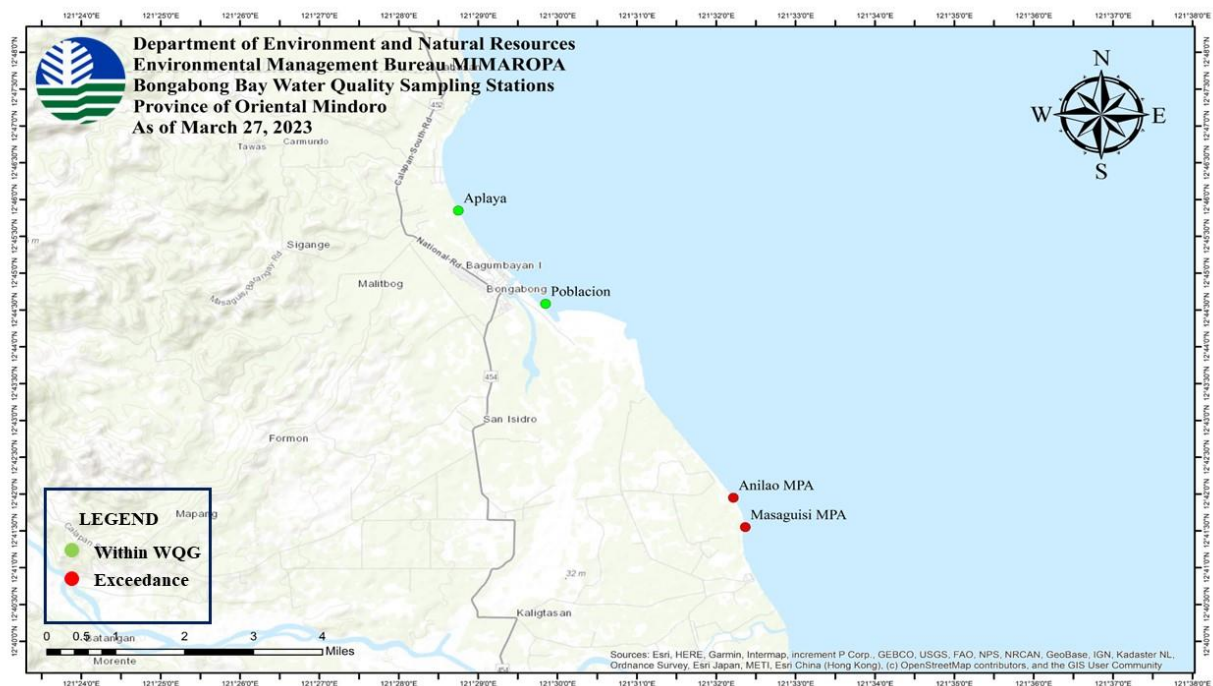
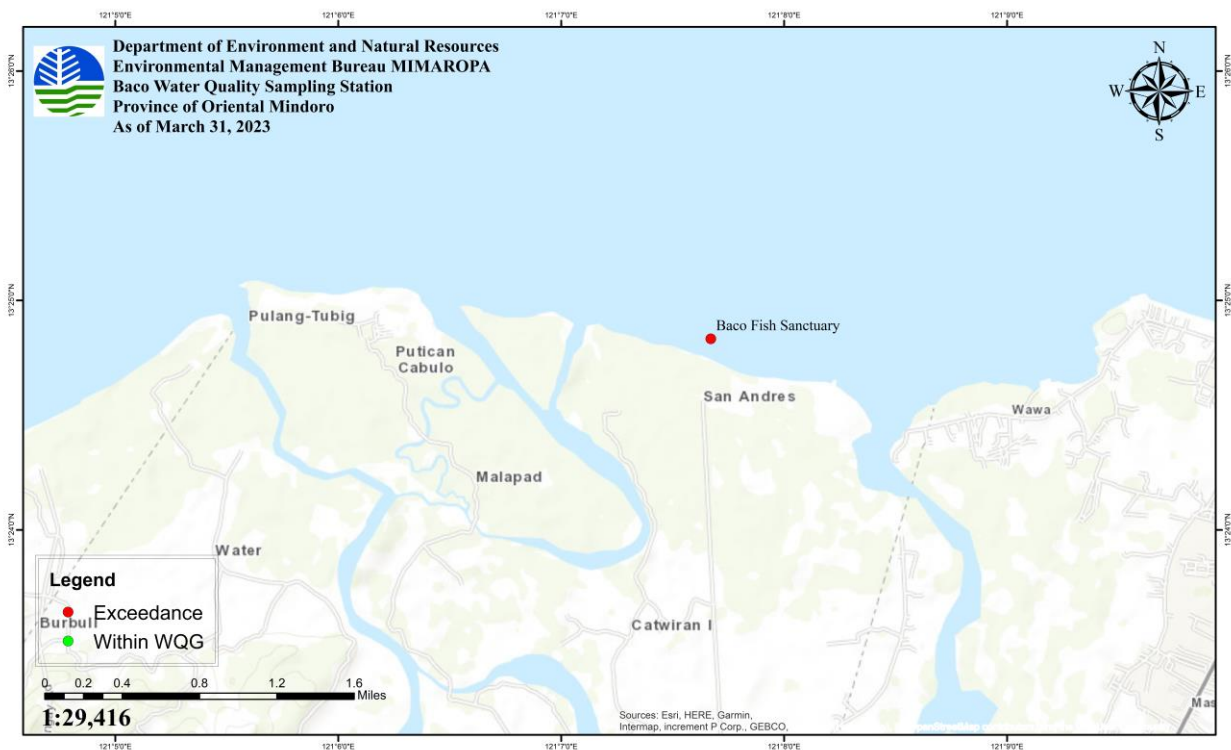
| REGION | PROVINCES | CITIES/ MUNICIPALITIES | REMARKS |
|----------|------------------|---|---|
| MIMAROPA | Oriental Mindoro | 1. Bansud 2. Bongabong 3. Bulalacao 4. Gloria 5. Mansalay 6. Naujan 7. Pola 8. Pinamalayan 9. Roxas | Sangguniang Panlalawigan Resolution No. 6290-2023 dated 06 March 2023 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

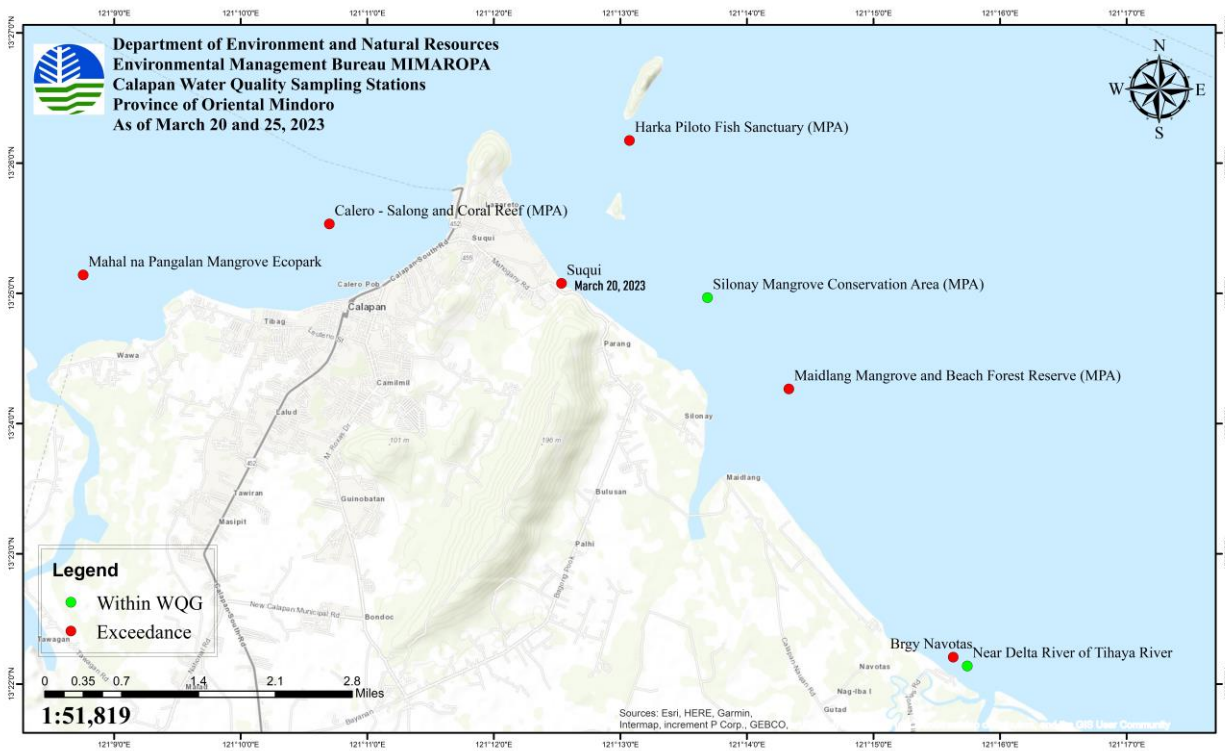
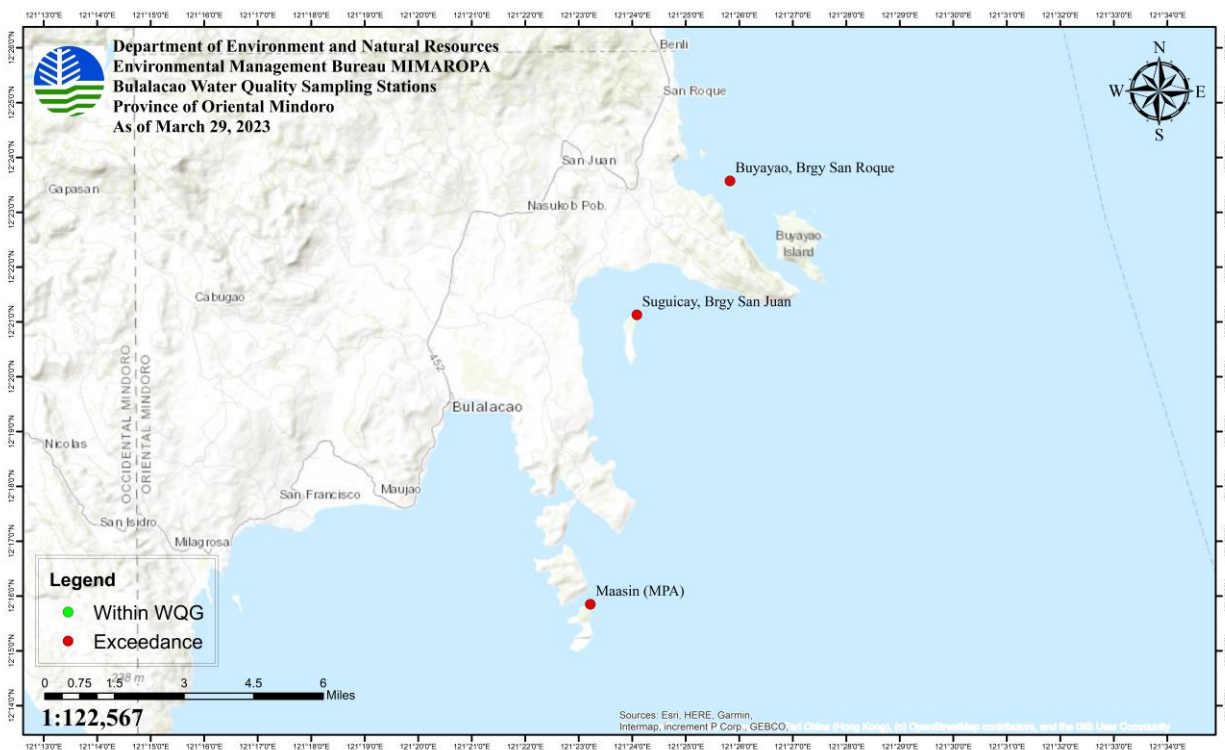
| PROVINCE | CITY/ MUNICIPALITY | TOTAL SAMPLING STATIONS: | | | DATE OF LAST SAMPLING CONDUCTED |
|-----------------------|-----------------------|--|----------------------|-----------------|---------------------------------------|
| | | TOTAL SAMPLING STATIONS IN THE CITY/MUN. | WITHIN NORMAL WQG | 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 | |

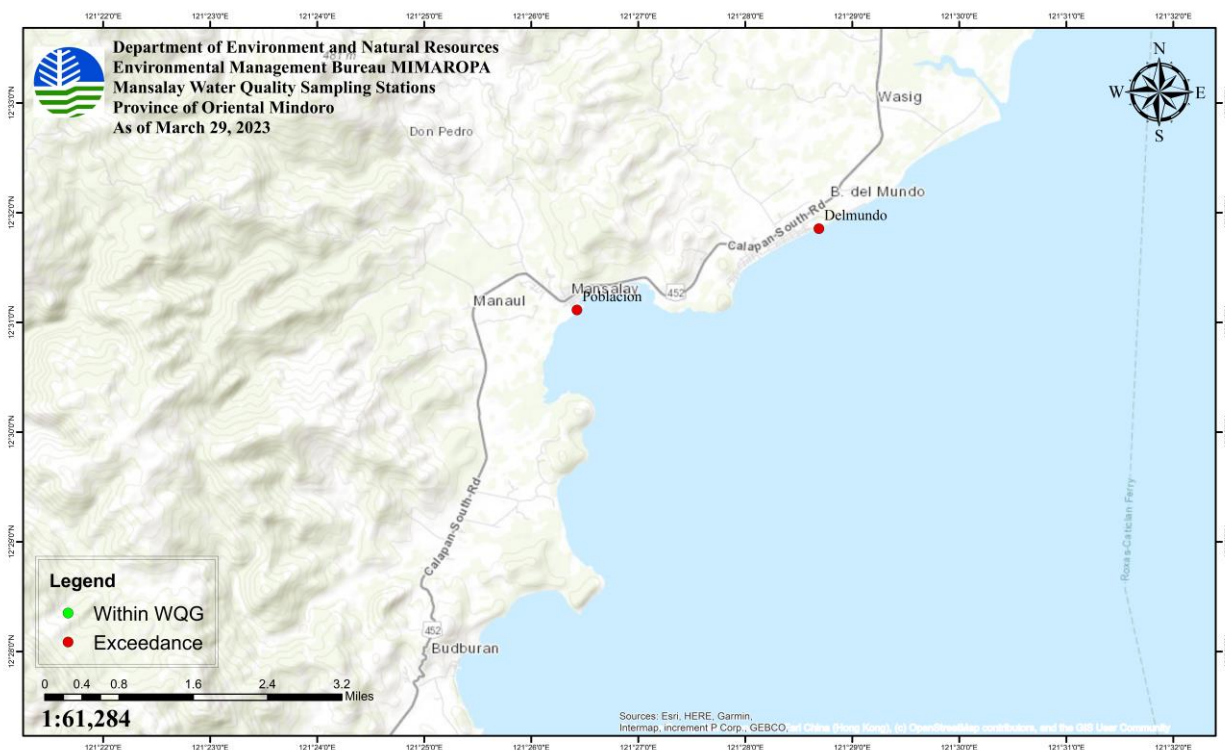
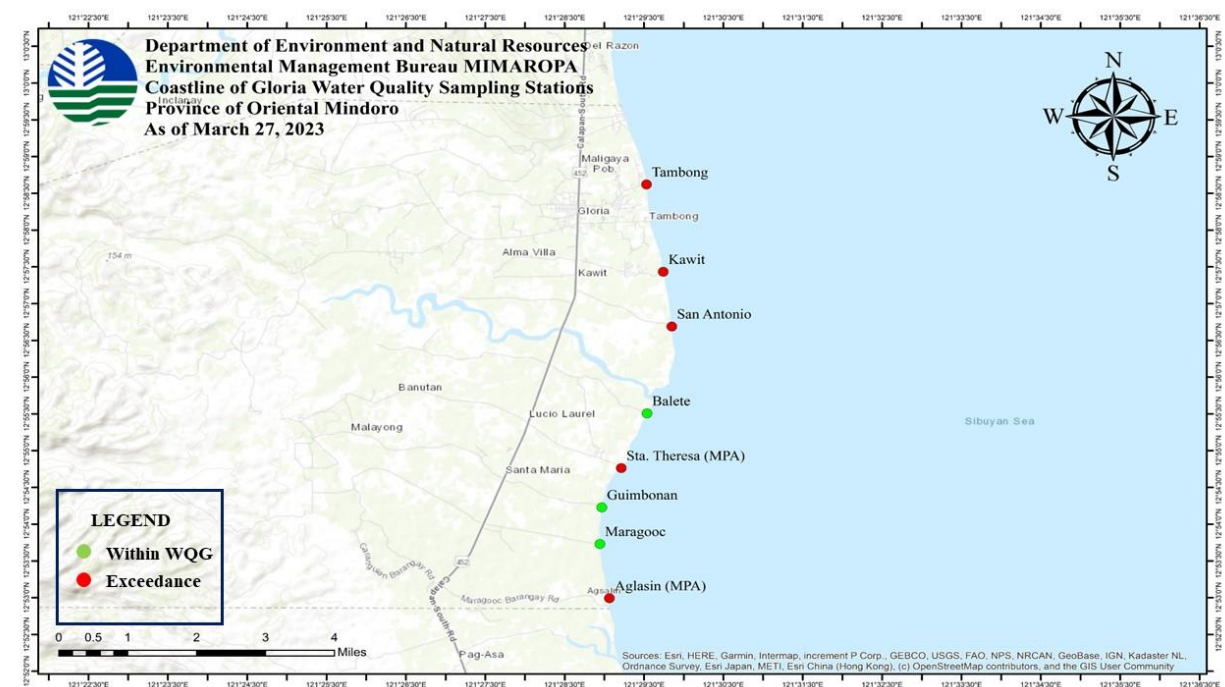


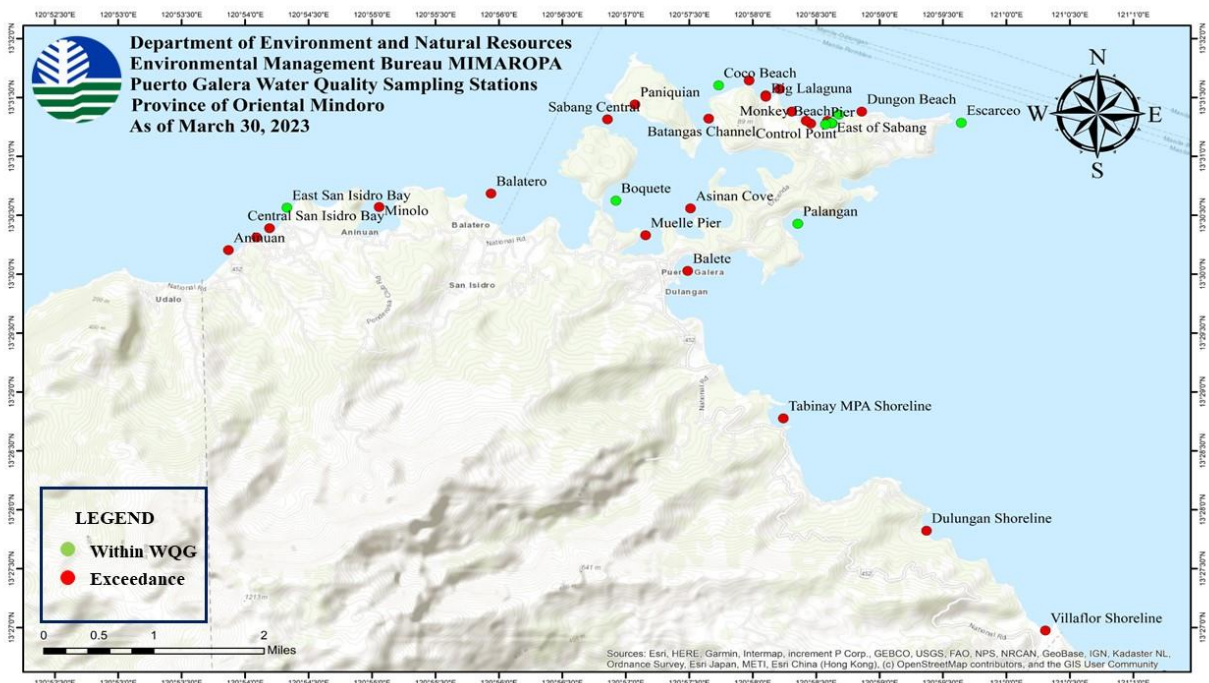
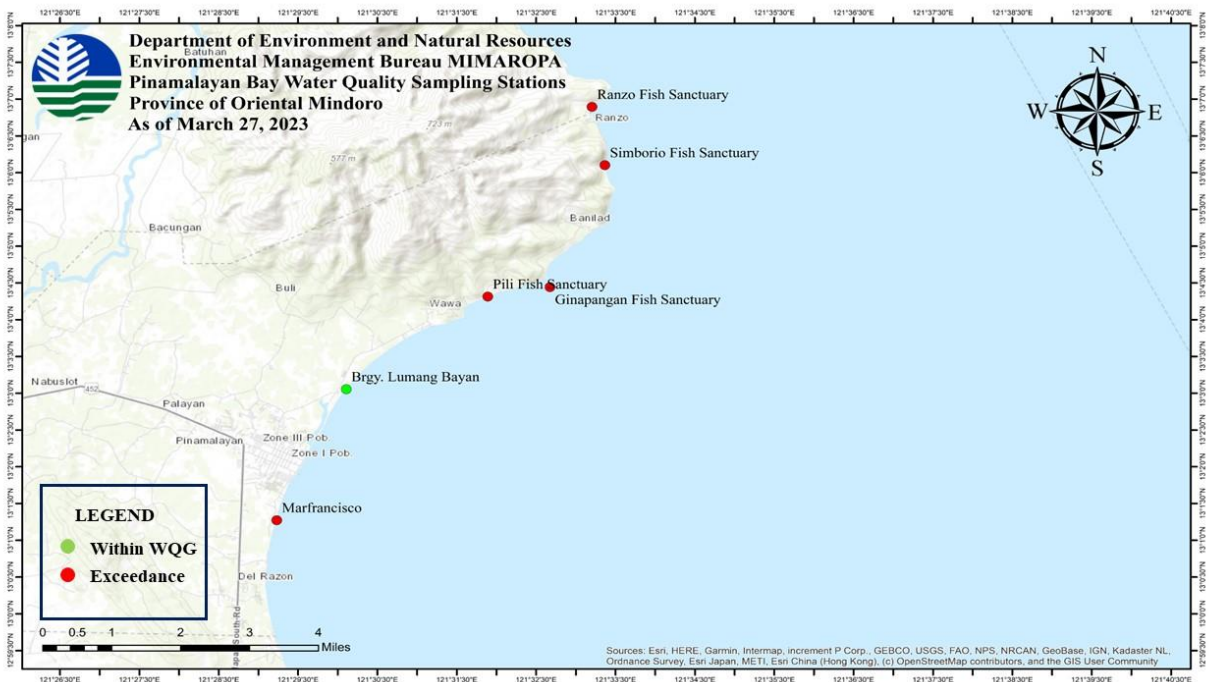
PENRO Compound, Brgy. Suqui, Calapan City, Oriental Mindoro
Regional Satellite Office: 6th Floor DENR by the Bay Bldg., 1515 Roxas Blvd., Ermita, Manila
Office of the Regional Director: (02) 8536 9786; Administrative and Finance Division: (02) 8536 9786
Environmental Management and Enforcement Division: (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

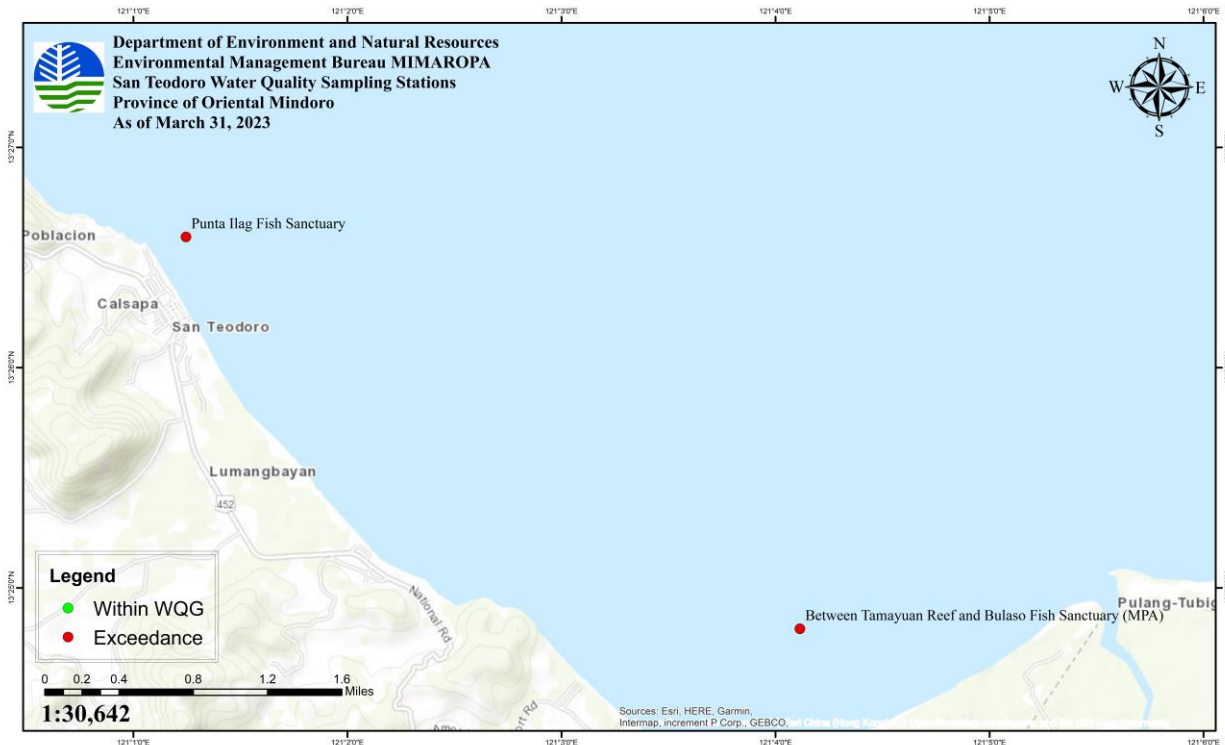
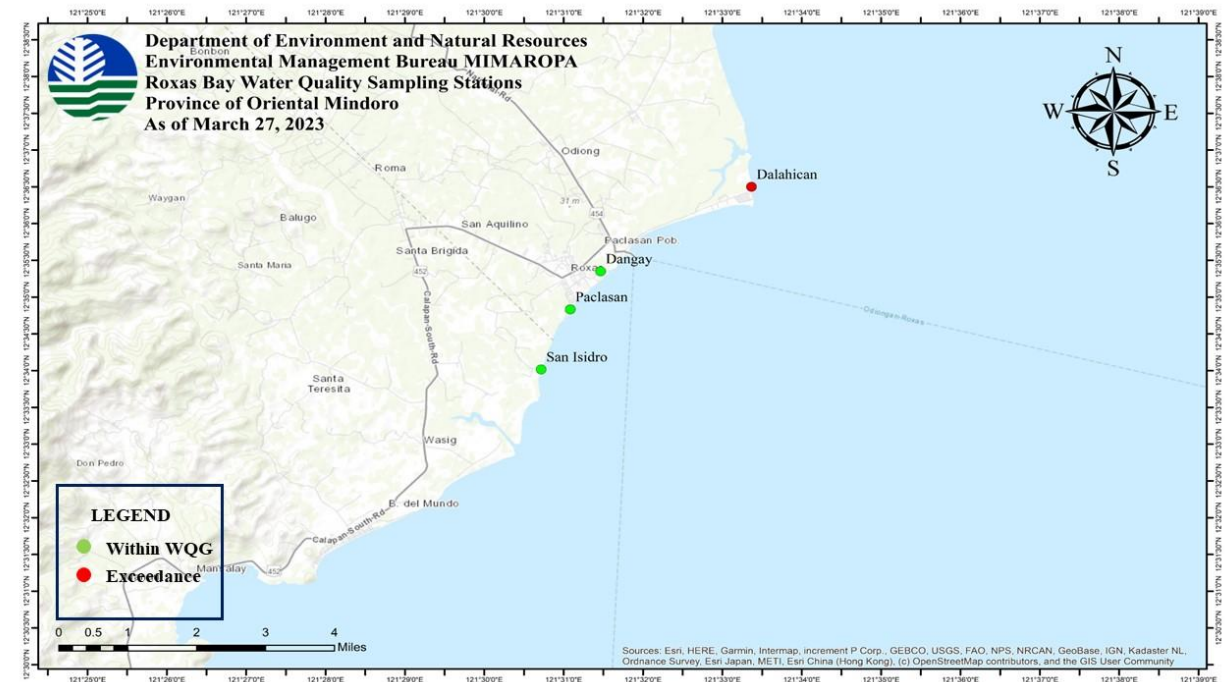


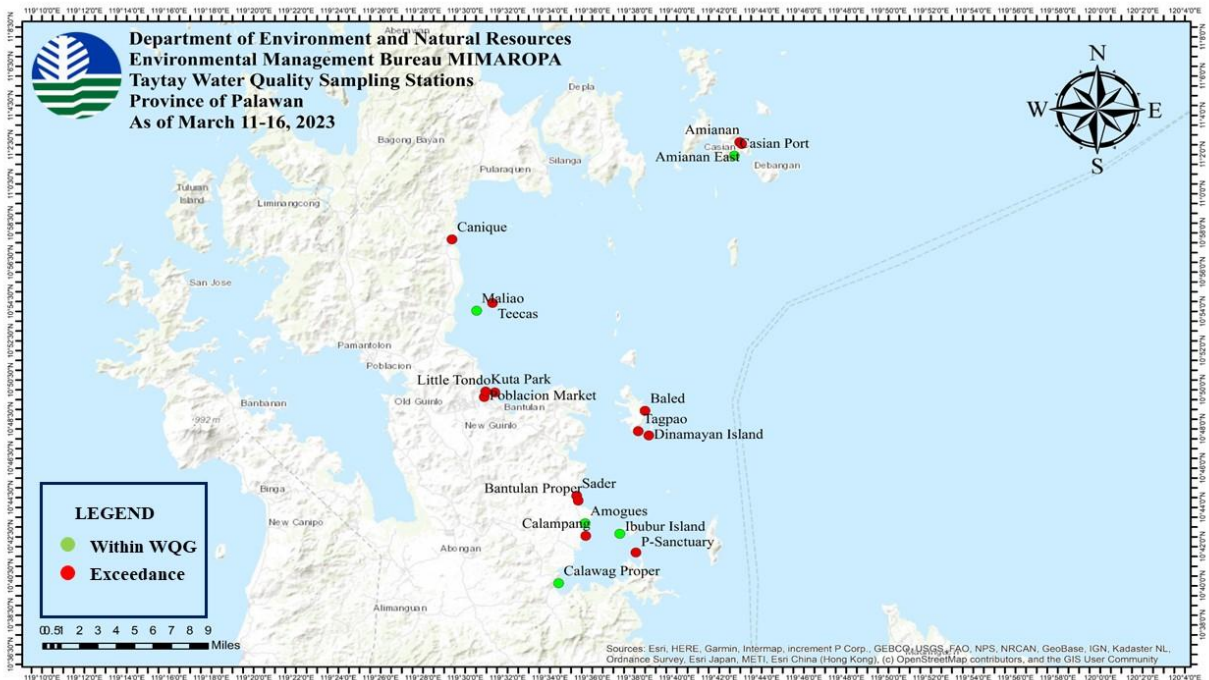
PENRO Compound, Brgy. Suqui, Calapan City, Oriental Mindoro
 Regional Satellite Office: 6th Floor DENR by the Bay Bldg., 1515 Roxas Blvd., Ermita, Manila
 Office of the Regional Director: (02) 8536 9786; Administrative and Finance Division: (02) 8536 9786
 Environmental Management and Enforcement Division: (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











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 (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 ₂ S and TVOC: 25 March 2023 |
| ORIENTAL MINDORO | NAUJAN | 1 | 0 | 1 | 0 | 1 | 0 | 0 | H ₂ S and TVOC: 25 March 2023 |
| ORIENTAL MINDORO | POLA | 4 | 0 | 4 | 0 | 4 | 4 | 0 | H ₂ 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 ₂ 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.

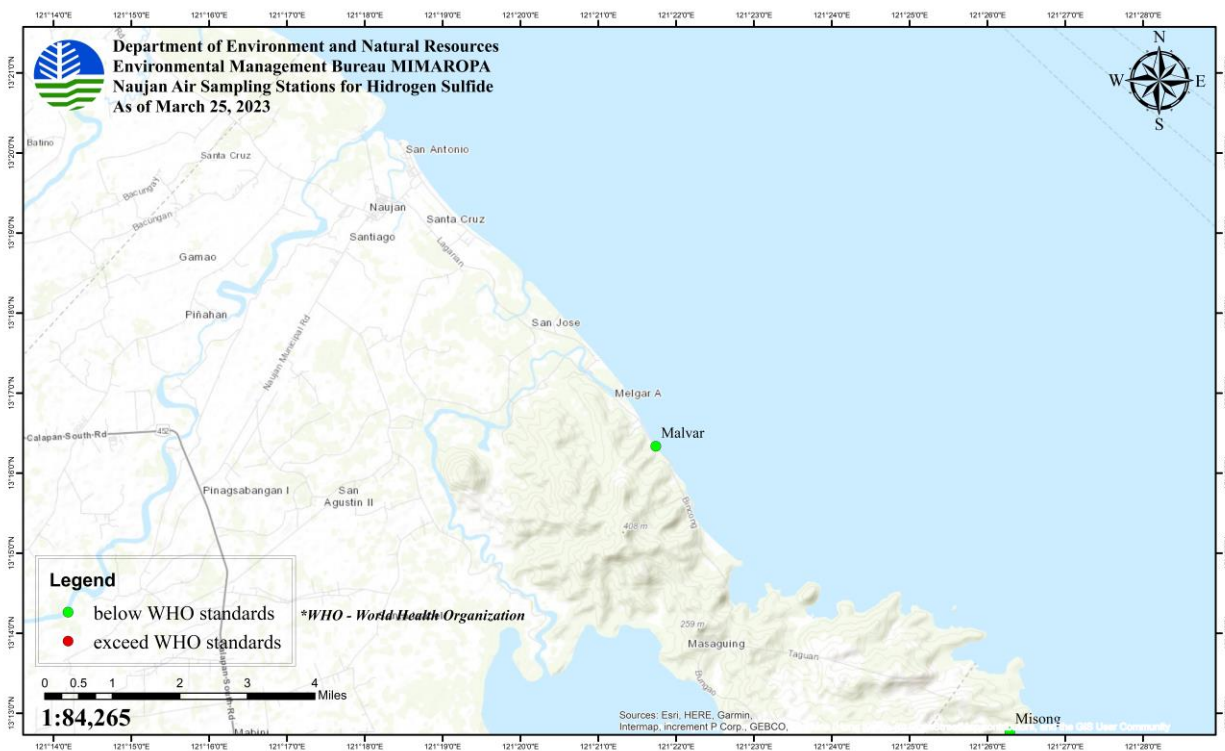
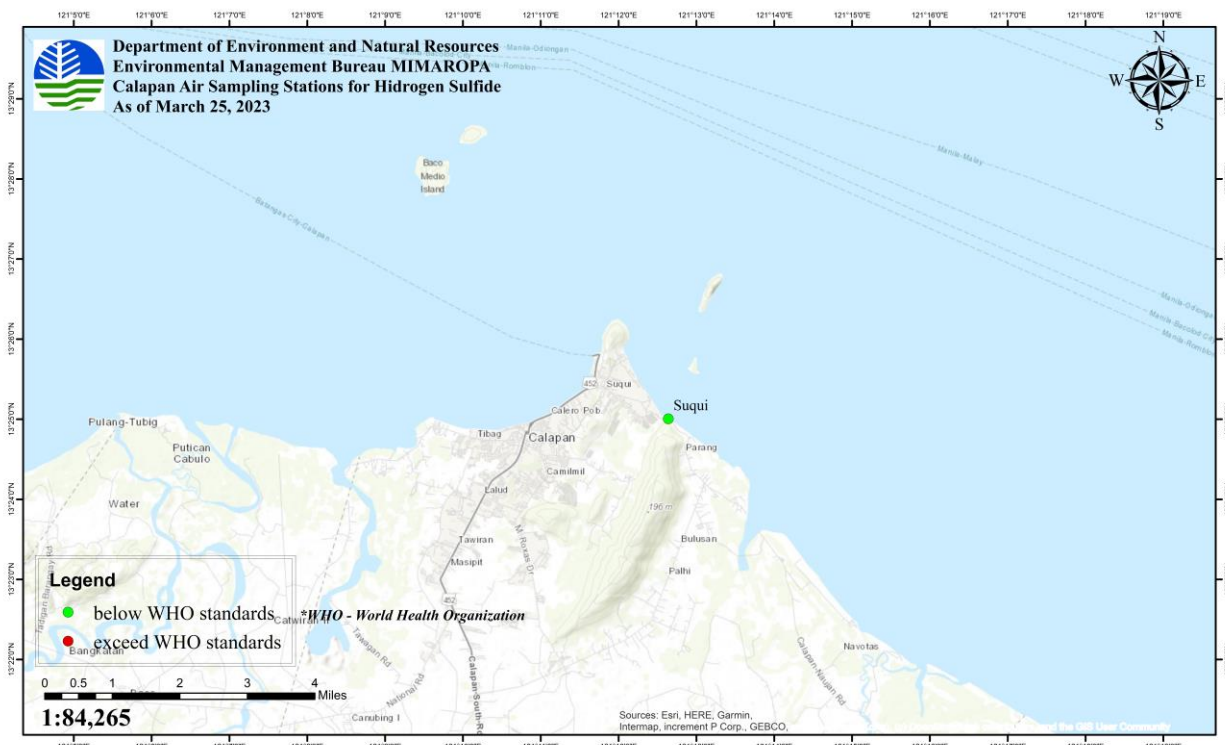
Results of Volatile Organic Compounds (VOCs) on March 9-10, 2023 Sampling

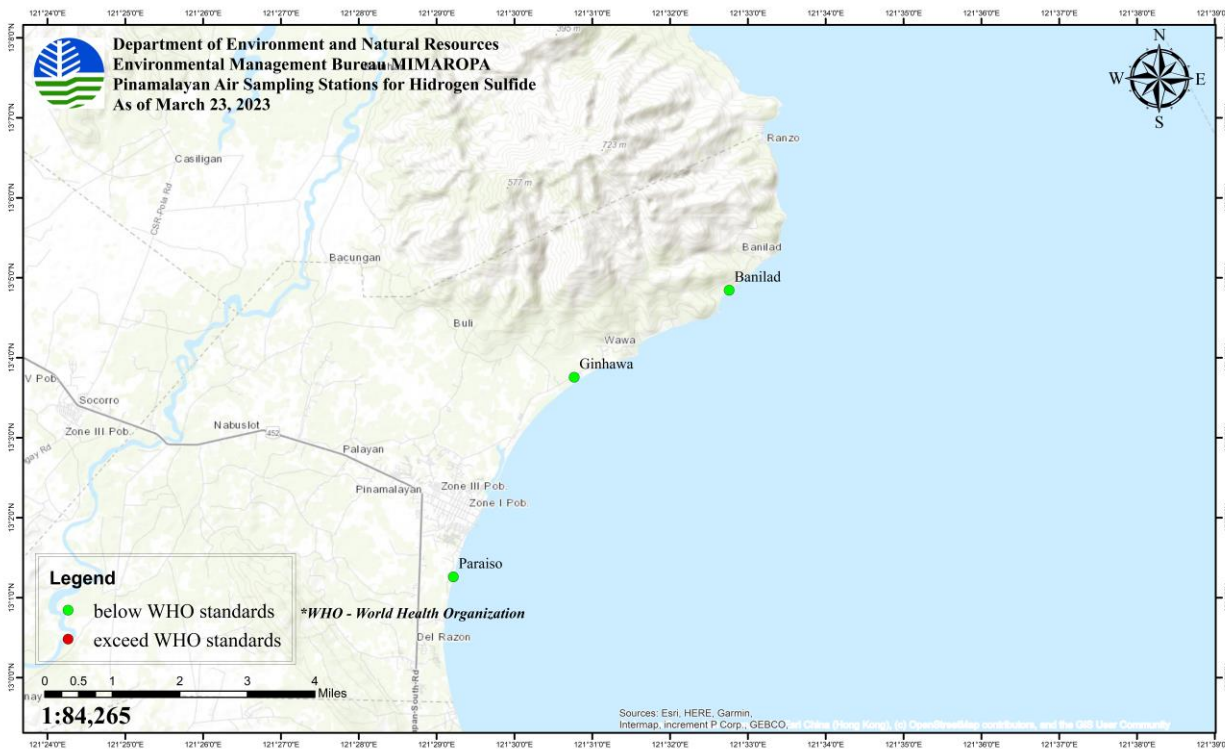
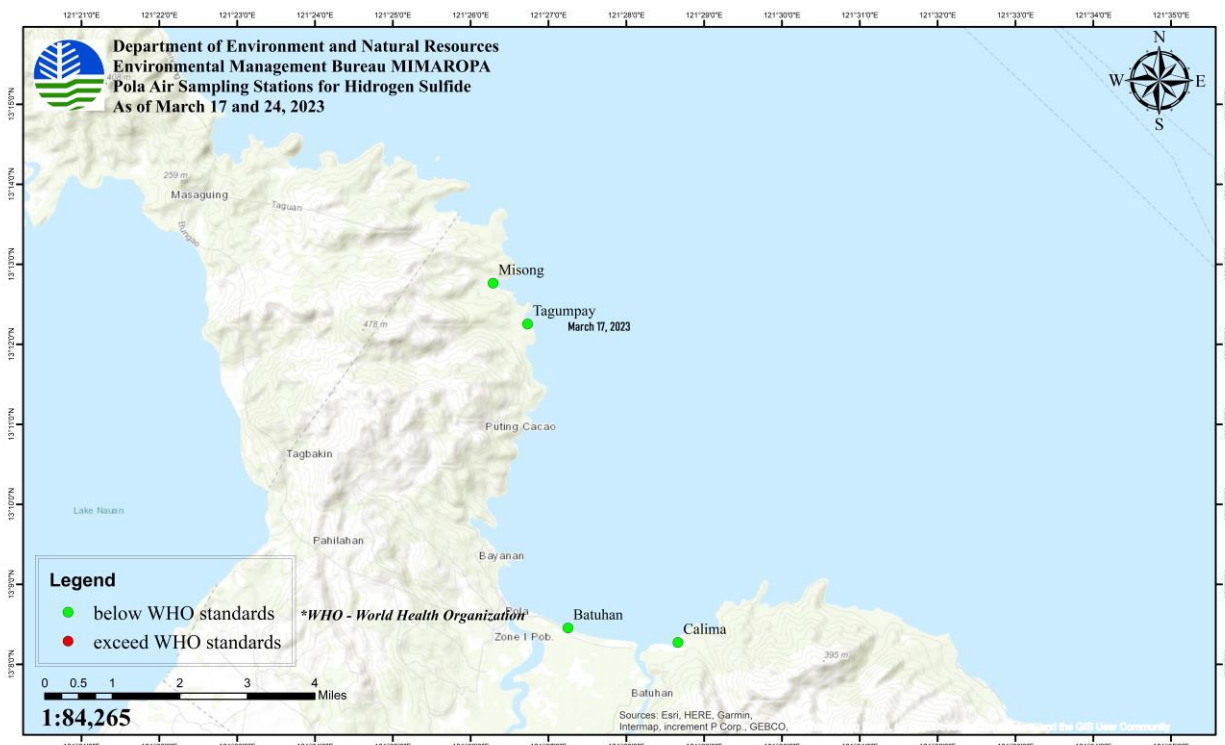
| Sources | Benzene | Ethyl Benzene | m,p-Xylene | o-Xylene | Toluene |
|-------------------------------------|---------|---------------|------------|----------|---------|
| Brgy. Misong (P00136674-02) | ND | ND | ND | ND | ND |
| Brgy. Buhay na Tubig (P00136674-04) | ND | ND | ND | ND | ND |
| Brgy.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

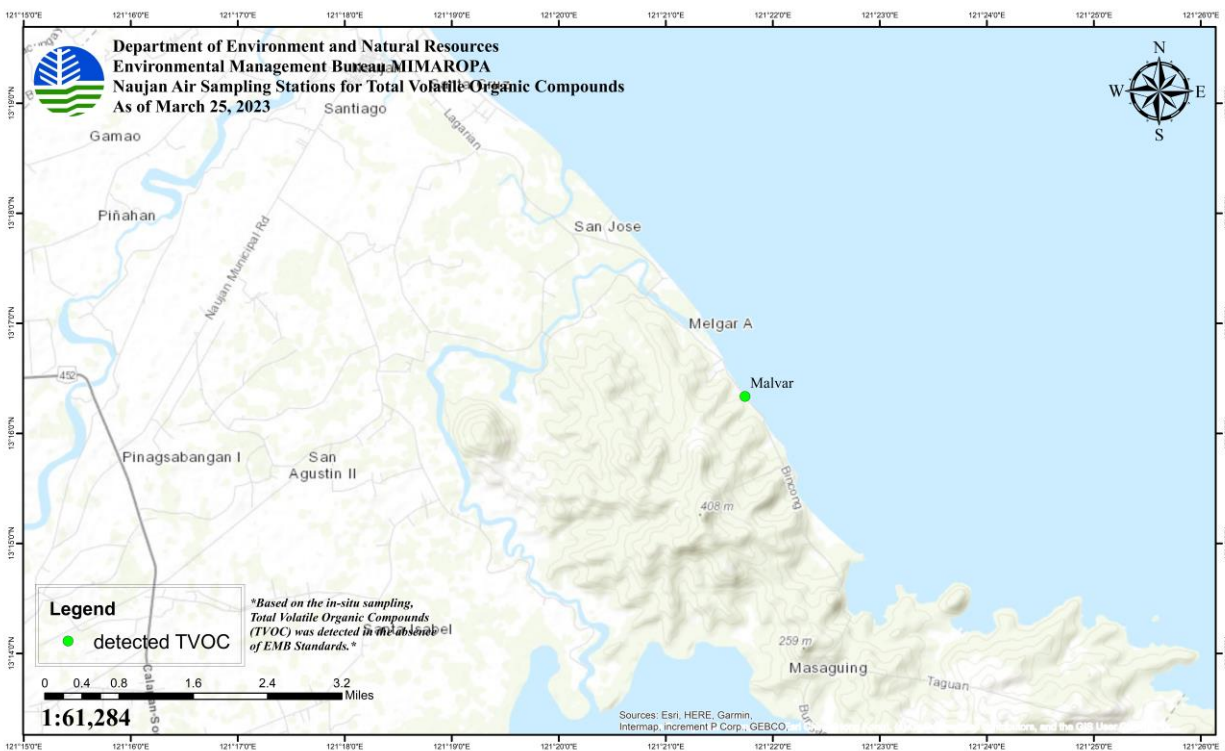
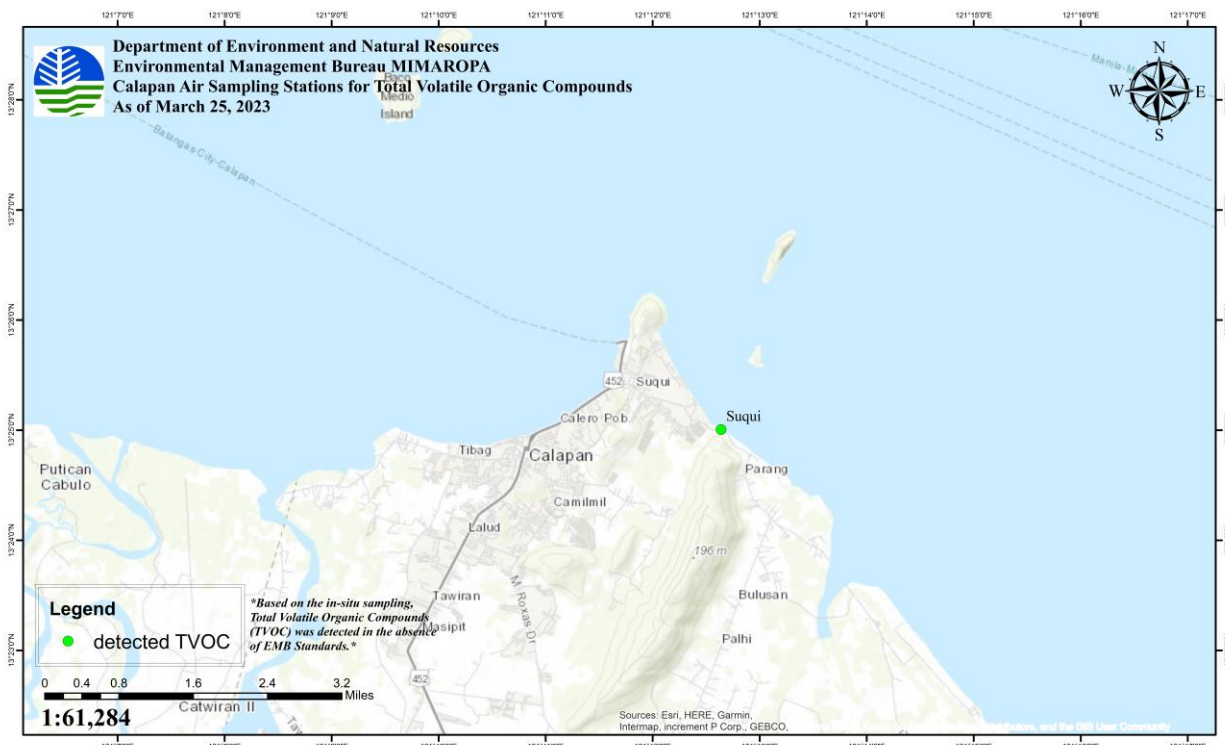
| Results of Total Volatile Organic Compounds (TVOCs) on March 15-25, 2023 Sampling | | | | |
|---|-------------------------------|------------------------|-----------------|---------------------|
| PROVINCE | SOURCE (Municipality/City) | LOCATION (Barangay) | TVOC (mg/m³) | DATE OF SAMPLING |
| ORIENTAL 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 ₂ S) on March 15-25, 2023 Sampling | | | | |
|--|-------------------------------|------------------------|---------------------------|---------------------|
| PROVINCE | SOURCE (Municipality/City) | LOCATION (Barangay) | H ₂ 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 |

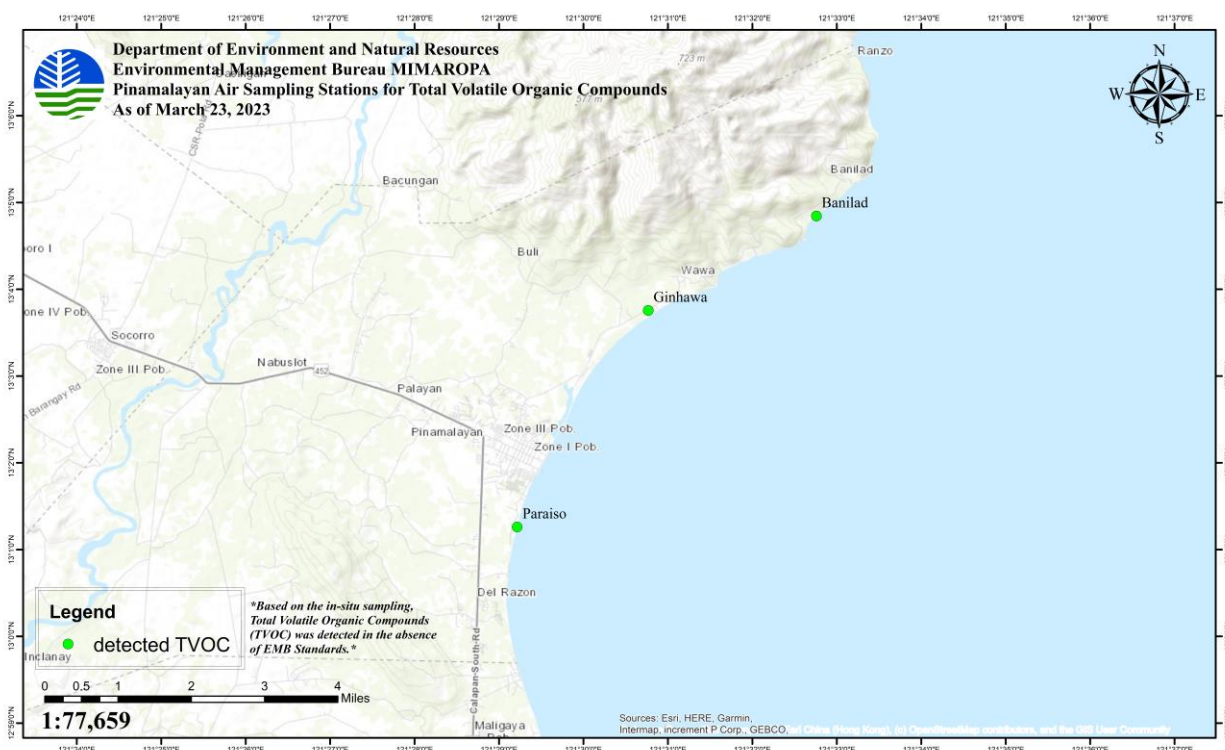
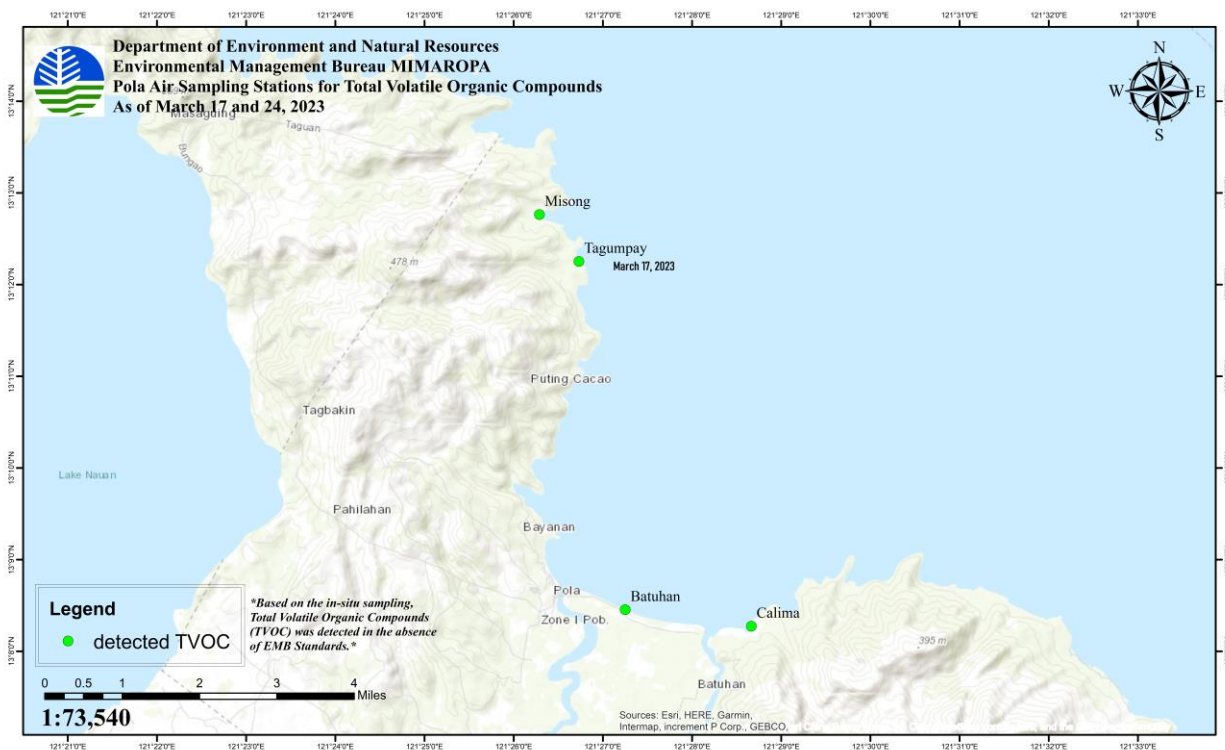




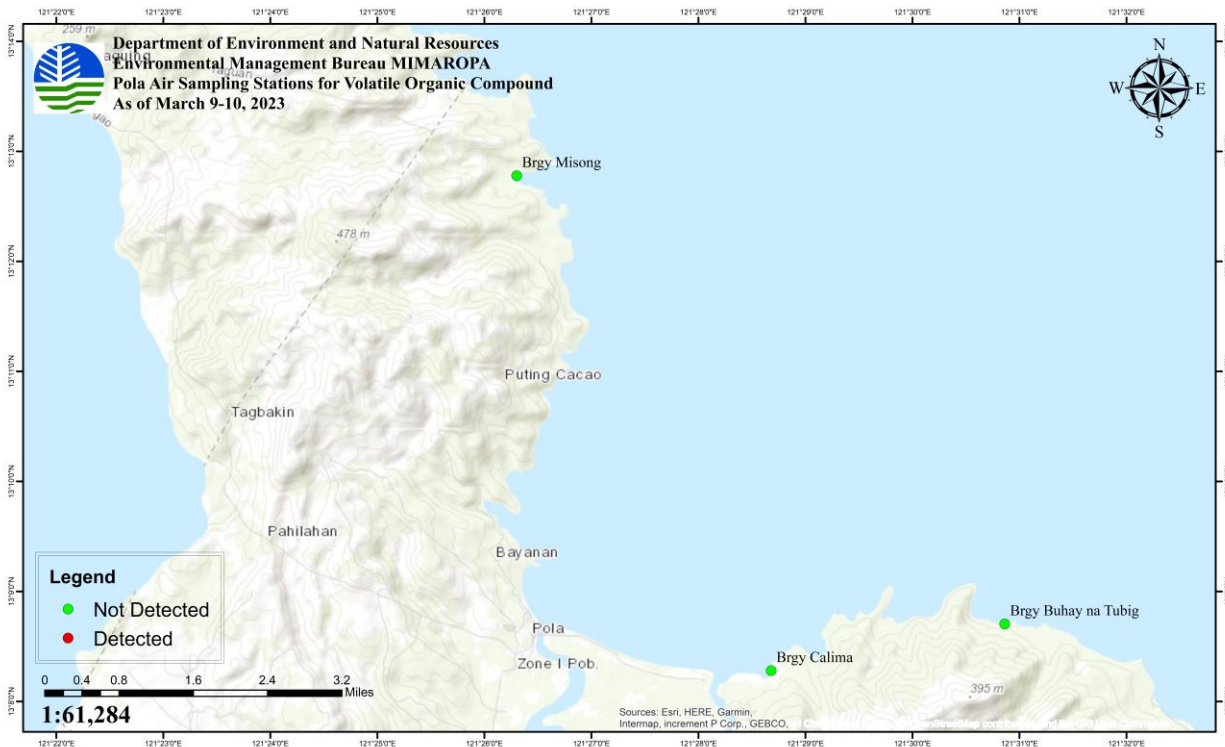
PENRO Compound, Brgy. Suqui, Calapan City, Oriental Mindoro
Regional Satellite Office: 6th Floor DENR by the Bay Bldg., 1515 Roxas Blvd., Ermita, Manila
Office of the Regional Director: (02) 8536 9786; Administrative and Finance Division: (02) 8536 9786
Environmental Management and Enforcement Division: (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



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



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



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 | |

| | | | |
|---|---|-----------------------|---|
| 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 4 boxes (162 bars/box) Hand Soaps | | Meynardo Axalan 9 March 2023 |
| 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 April 4, 2023, MDRRMO, PCG MEP-group, PNP-Maritime, MAO, DENR Cenro and EMB conducted water quality monitoring in Coron, Palawan which were included in the map projected by UP MSI dated 03 April 2023. Negative sightings of oil were observed during the monitoring. (See ANNEX 1)
- PCG, Harbor Star, Malayan and International Tanker Owners Pollution Feredation Limited (ITOPH) conducted meeting for the updates on the collected hazardous waste. It was conducted at PDRRMO/ICP, Calapan City, Oriental Mindoro. (See ANNEX 2)

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

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



ANNEX 1



ANNEX 2

