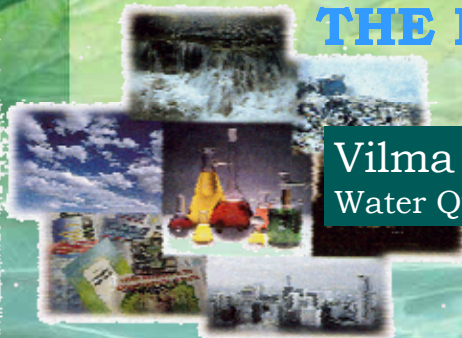




Department of Environment and
Natural Resources

WATER QUALITY MANAGEMENT IN THE PHILIPPINES



Vilma T. Cabading
Water Quality Management Section




ENVIRONMENTAL MANAGEMENT BUREAU

Mission

<< Outline





To restore, protect and enhance environmental quality towards good public health, environmental integrity and economic viability.

<< Outline ▶



ENVIRONMENTAL MANAGEMENT BUREAU

Vision

<< Outline ▶



A nation empowered to protect our finite natural resources, attuned to the pursuit of sustainable development, for a clean and healthy environment that enhances the Filipino quality of life for a present and future generations

<< Outline



ENVIRONMENTAL MANAGEMENT BUREAU

MANDATE

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Mandate

The EMB is mandated to implement on the nationwide scale the following environmental laws:



- RA 8749 (Clean Air Act of 1999)
- RA 9275 (Philippine Clean Water Act)
- RA 6969 (Toxic Substances and Hazardous and Nuclear Wastes Control Act)
- RA 9003 (Ecological Solid Waste Management Act) as *National Solid Waste Management Commission Secretariat and Manager of the National Ecology Center*
- PD 1586 (Environmental Impact Statement System)

Under E.O. 192, EMB is also mandated to conduct education and information services; provide research and laboratory services; and serve as secretariat in the adjudication of pollution cases.

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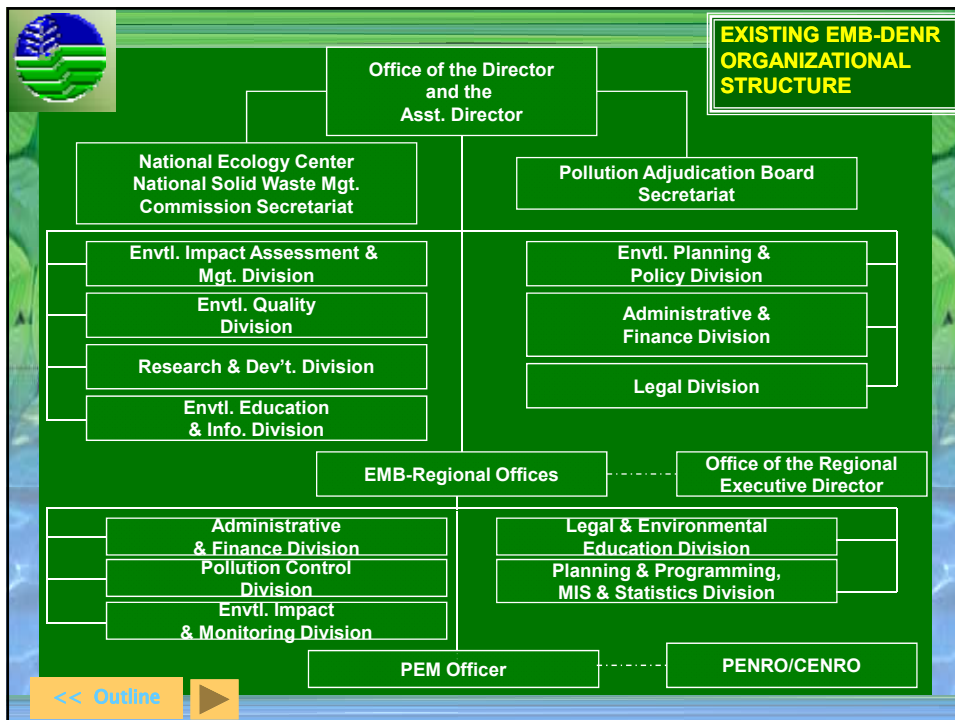


ENVIRONMENTAL MANAGEMENT BUREAU

ORGANIZATIONAL STRUCTURE

<< Outline







CORE FUNCTIONS

- Advise the Secretary on matters relating to water quality management;
- Formulate policies, plans and programs for the prevention, control of pollution and protection of the water environment
- Exercise direct supervision over its 16 regional offices in the implementation of policies, plans and programs.

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CORE FUNCTIONS

- Set and enforce water quality standards
- Review and assess environmental impacts of development programs and projects
- Conduct environmental monitoring and provide laboratory services in support of policy formulation and enforcement
- Promote public information and education to encourage participation of stakeholders in environmental management
- Serve as focal point for international environmental agreements/commitments

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ENVIRONMENTAL MANAGEMENT BUREAU

MAJOR PROGRAMS/ MILESTONES

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Clean Water



BEACH ECOWATCH

- 41 bathing beaches already assessed
 - 34 passed
 - 7 failed

INDUSTRIAL ECOWATCH

- 9 establishments were rated green, 57 blue, 20 red, 14 black, and 8 are still undergoing assessment



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BEACH ECOWATCH



Assess and disclose quality of 28 bathing beaches in addition to 41

<< Outline



BEACH ECOWATCH

Lists of Priority Bathing Beaches which **PASSED** the Fecal Coliform Criterion for SB Waters
As of December 2005

Region	Water Body
I	VILLA DEL MAR IVORY BEACH RESORT LONG BEACH RESORT JAPANESE GARDEN BONUAN/TONDALIGAN BEACH LINGAYEN BEACH HUNDRED ISLANDS (Quezon Islands)
II	EL CORTEZ BEACH RESORT TRIPLE V BEACH RESORT TRES ROSAS BEACH RESORT
III	MONTEMAR BEACH (Bagac Bay)

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BEACH ECOWATCH

Lists of Priority Bathing Beaches which **PASSED** the
Fecal Coliform Criterion for SB Waters
As of December 2005

Region	Water Body
IV-A	PUERTO ASUL BATHING BEACHES SIGAYAN BAY CAYLABNE BEACH
IV-B	CLUB PARADISE BEACH RESORT
V	SOGOD BEACH RESORT (Bacacay) STO. DOMINGO BEACH RIZAL BEACH RESORT (Gubat, Sorsogon) PASACAO BEACH RESORT MISIBIS RESIDENTIAL RESORT SOGOD BEACH (Tiwi) BACON BEACH

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BEACH ECOWATCH

Lists of Priority Bathing Beaches which **PASSED** the
Fecal Coliform Criterion for SB Waters
As of December 2005

Region	Water Body
VI	BORACAY
VII	CEBU BEACH CLUB CEBU MARINE PACIFIC RESORT BOHOL BEACH CLUB COCOGROVE BEACH RESORT
IX	LA VISTA DEL MAR BEACH RESORT GOLF COURSE BEACH RESORT DAKAK PARK BEACH RESORT
X	DUKA BEACH RESORT
XI	PARADISE ISLAND BEACH RESORT SAMAL BEACH RESORT
XIII	GENERAL LUNA BATHING BEACH BUTUAN CITY BATHING BEACHES NASIPIT BATHING BEACHES

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BEACH ECOWATCH

Lists of Priority Bathing Beaches which **FAILED** the Fecal Coliform Criterion for SB Waters
As of December 2005

Region	Water Body
I	PHILIPPINE TOURISM AUTHORITY BEACH RESORT
III	BAGAC COASTAL AREA (Pag-asa) WHITE ROCK HOTEL & RESORT OYON BAY
IV-B	PUERTO GALERA (Sabang Stations)
VII	WHITE SANDS MARIBAGO BLUE WATERS RESORT

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INDUSTRIAL ECOWATCH

Rate 3 priority sectors, in addition to 4 sectors in 2004

– Sugar & Refineries, Beverage, Pulp and Paper, Cement Plants, Semicon, Meat Processing and Canning. Rating criteria based on effluent to be given color codes pursuant to DAO 98-51

- **Gold** – Outstanding
- **Silver** – Excellent
- **Green** – Very Good
- **Blue** – Good
- **Red** – Bad
- **Black** – Very Bad



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Clean Water



TAPWATCH

- 182 poor barangay sites assessed:
 - 29 sites potable
 - 58 not potable
 - 95 for further testing

CLASSIFICATION OF WATERBODIES

- 60% of principal rivers classified
- 280 hotspots/waterbodies were classified



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TAPWATCH

Assess the quality of drinking water in poor barangays/communities



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ISSUES AND CONCERNS

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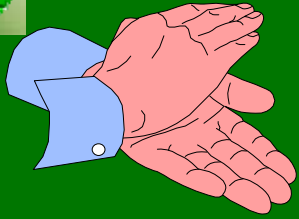


IMPLEMENTATION OF CLEAN WATER ACT

2. **The enactment of the law requires expanded functions for water quality management.** Existing EMB resources, systems and procedures, policies and regulations on water quality management/water pollution are inadequate
3. **Prescribed time frame necessitate soonest capacitating & upgrading of EMB and partner stakeholders to ensure effective implementation of the most critical components of the CWA; e.g.,** wastewater discharge permitting system, classification of water bodies; effluent inventory; review/revision of effluent standards and water quality criteria/guidelines.

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Thank You!

Please visit our website at:

www.emb.gov.ph

Or e-mail us at:

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