

Component 3: Residuals

EMISSIONS OF GREENHOUSE GASES, 2020

204.33

TOTAL NATIONAL GHG EMISSIONS
in Teragrams of Carbon Dioxide Equivalent (Tg CO₂e)

99.85
Tg CO₂e

ENERGY SECTOR

54.08
Tg CO₂e

AGRICULTURE SECTOR

30.12
Tg CO₂e

WASTES SECTOR

29.43
Tg CO₂e

TRANSPORT SECTOR

16.77
Tg CO₂e

INDUSTRIAL PROCESSES AND PRODUCT USE SECTOR

-25.94
Tg CO₂e

FORESTRY AND OTHER LAND USE SECTOR

Source: Climate Change Commission

NUMBER OF SOLID WASTE DISPOSAL FACILITIES, 2023

175

REGISTERED TREATMENT, STORAGE, AND DISPOSAL (TSD) FACILITIES

11,823

from 11,779 in 2022
MATERIALS RECOVERY FACILITY

299

from 290 in 2022
SANITARY LANDFILL

43

from no recorded in 2022
ILLEGAL DUMPSITES

Source: Environmental Management Bureau

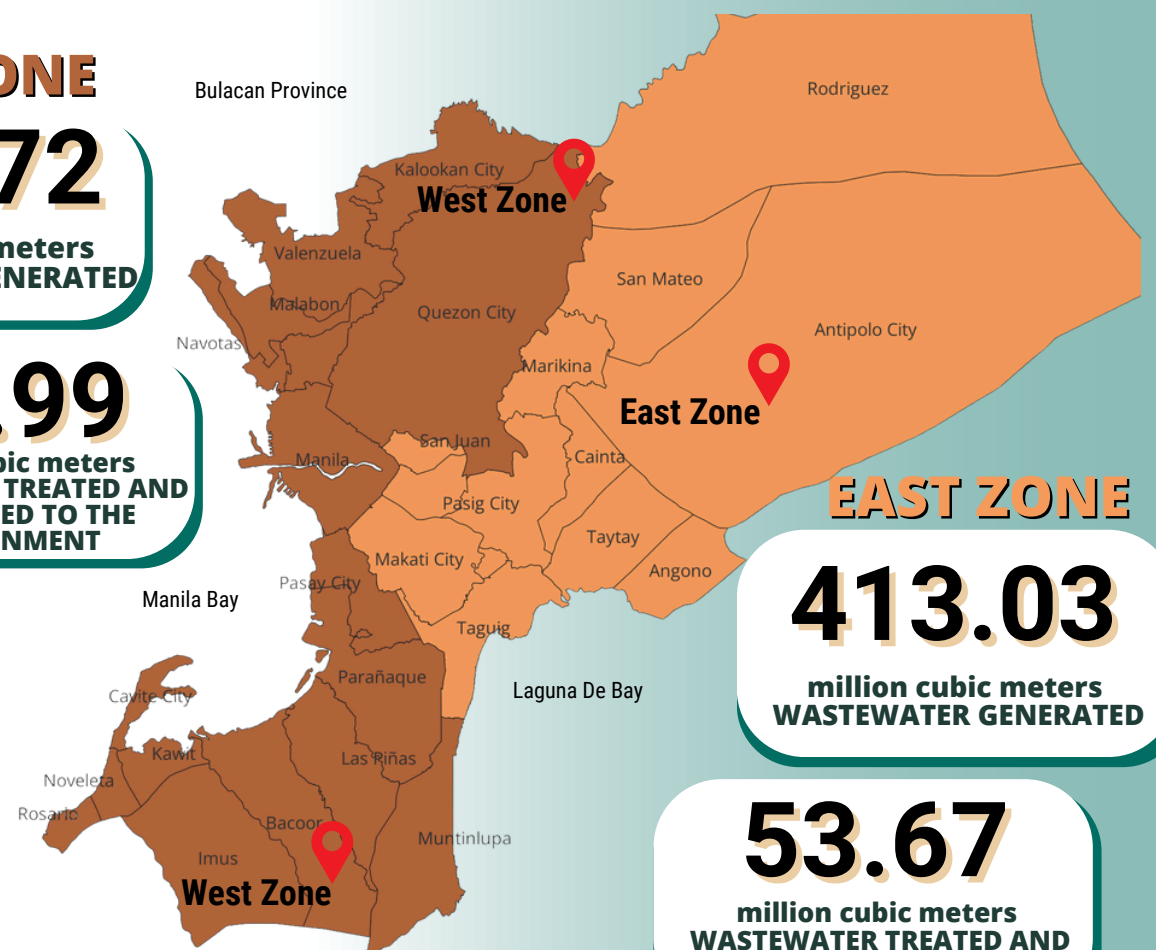
GENERATION AND MANAGEMENT OF WASTEWATER, 2023

WEST ZONE
430.72
million cubic meters
WASTEWATER GENERATED

67.99
million cubic meters
WASTEWATER TREATED AND DISCHARGED TO THE ENVIRONMENT

EAST ZONE
413.03
million cubic meters
WASTEWATER GENERATED

53.67
million cubic meters
WASTEWATER TREATED AND DISCHARGED TO THE ENVIRONMENT



Source: Metropolitan Waterworks and Sewerage System

GENERATED HAZARDOUS WASTE, AS OF 2023

CAPACITY OF HAZARDOUS WASTE TREATMENT AND DISPOSAL (TSD) FACILITIES

501.64

THOUSAND METRIC TONS PER DAY

6.7%
Waste Organic Solvent

7.7%
Stabilized Wastes

9.4%
Wastes with Inorganic Chemicals

13.3%
Other Wastes*

11.7%
Inks/Dyes/Pigments/Paint/Latex/Adhesives/Organic Sludge

238.26
THOUSAND TONS

32.0%
Oil

19.1%
Miscellaneous Wastes

- * Alkali Wastes
- Organic Wastes
- Containers
- Acid Wastes
- Reactive Chemical Wastes
- Wastes with Cyanide
- Organic Chemicals

Note: Total percentage may not add up to 100 percent due to rounding off.

Source: Environmental Management Bureau