

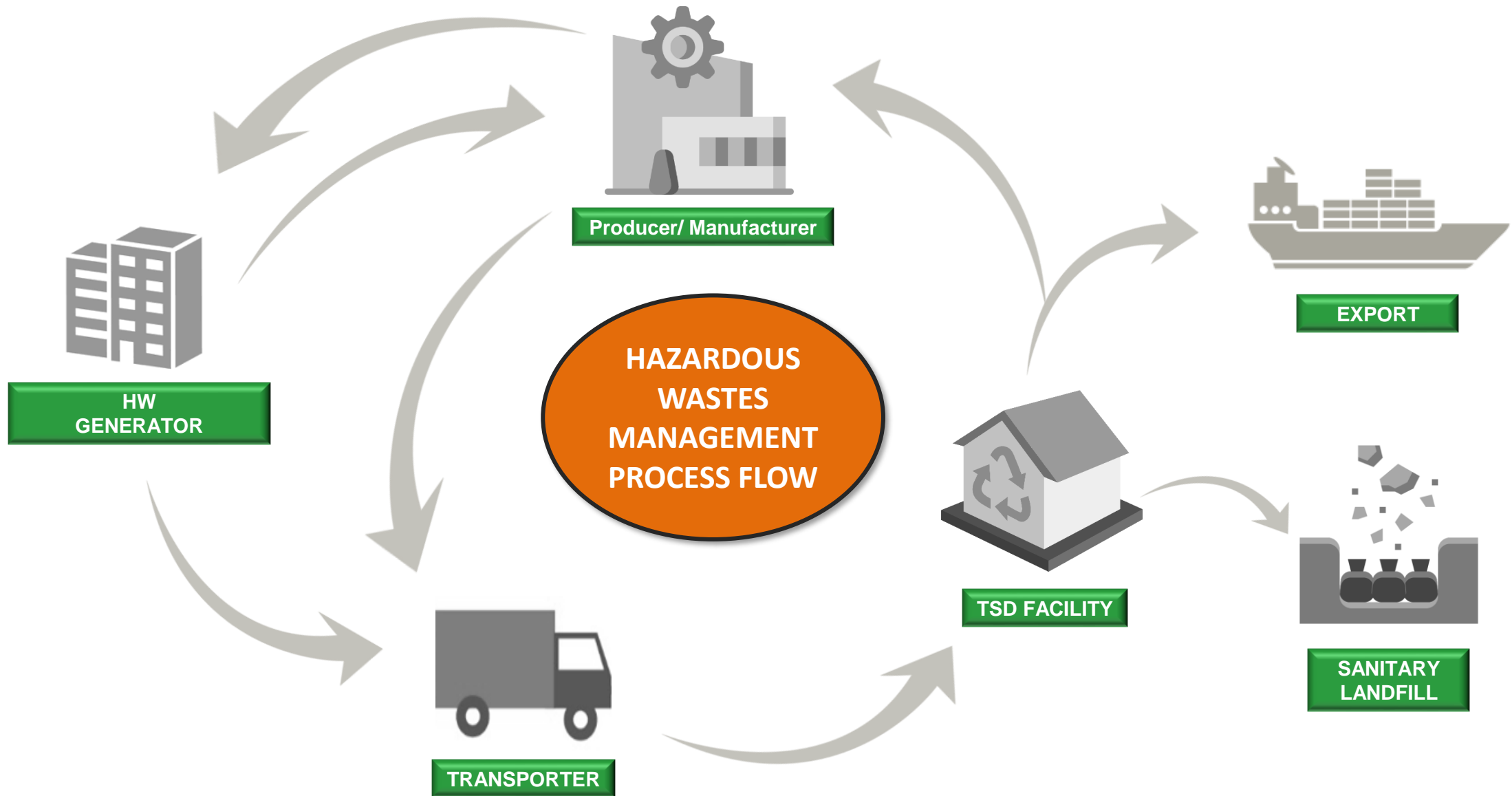


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**CHIEF, HAZARDOUS WASTE MANAGEMENT SECTION
ENVIRONMENTAL QUALITY MANAGEMENT DIVISION
ENVIRONMENTAL MANAGEMENT BUREAU – CENTRAL OFFICE**

Environmental Policy Updates and New Normal Compliances Concerns

Title III of RA 6969 (Hazardous Waste Management)



CIRCULAR ECONOMY



- Economic system of **closed loops**
- Definitions are focused on the raw materials or on systems change, and others focus on resource use that follow the 3-R approach
- System change focus:
 - **Closed cycle**
 - **Renewable Energy**
 - **Systems thinking**

Closed Cycles



The concept of Extended Producer's Responsibility (EPR)

Memorandum Circulars Issued During ECQ Period

POLICY NO	POLICY TITLE
EMB Memorandum Circular 2020-14	Interim Guidelines on Issuance of Special Permit to Transport (SPTT) for the Transport of Hazardous Waste within the Community Quarantine Period
EMB Memorandum Circular 2020-15	Addendum to the Interim Guidelines on Issuance of Special Permit to Transport (SPTT) for the Transportation of Hazardous Wastes within the Community Quarantine Period
EMB Memorandum Circular 2020-16	Amendment of the Interim Guidelines on Issuance of Special Permit to Transport (SPTT) for the Transportation of Hazardous Wastes within the Community Quarantine Period
EMB Memorandum Circular 2020-20	Provisional Guidelines on the Hazardous Wastes Management during the Extended Enhanced Community Quarantine Period

Highlights of the Issued Policies

- **EXEMPTION** on travel ban or facilitation in passing through checkpoints.
- **SIMPLIFICATION** of procedures in securing permit to transport by registered transporters through online submission of required documents which are processed within five (5) days upon receipt of the application.
- **AUTOMATIC EXTENSION** of registrations for both transporter and TSD for sixty (60) days should it expire during the ECQ period.
- **SUSPENSION** of payment of permit fee that will only be collected once the ECQ has been lifted.
- **Wearing of Personal Protective Equipment (PPEs)** such as gloves, coverall, full face shield and mask/respirators for equivalent to level C PPEs must be provided to transporter's staff directly exposed in the collection of healthcare wastes.

Recent Directives

- **Memorandum to all EMB Regional Offices dated 12 September 2022**
 - Approval of the request of the Department of Health (DOH) for **issuance of Special Permit to Transport (SPTT)** for infectious and pharmaceutical wastes generated from the *COVID-19 immunization program*
 - For wastes **M501** and **M503** only
 - Covers only those Center for Health Development/ Regional Offices (CHDs), and Provincial Health Offices (PHOs) identified in list provided by DOH
 - The approval is valid until **31 December 2022.**

Recent Policy Issuances

EMB MC 2020-19 | Clarificatory guidance on the issuance of Hazardous Waste Generator (HWG) Registration for mall or commercial building owners and clustered establishments

HIGHLIGHTS

Haz Waste Generators (HWG) Registration for Commercial Building Owners and Clustered Establishments

- Mall or building owners **shall** apply **HWG ID**
- Individual tenant **shall** apply its own HWG if the existing service agreement provides that its own wastes is handled by a third party service provider.
- Individual member establishments belonging to a CLUSTER are **NOT** required to register as HWG.
- The **Approved CLUSTER** with centralized storage facility SHALL:
 - ✓ register as **TSD facility**.
 - ✓ apply **PTT** for the transport of HW from the centralized storage facility to the TSD facility.

*NOTE: PTT is **NOT** required for the transport of HW from individual member establishments to the centralized storage facility.*

Recent Policy Issuances

EMB MC 2021-03 | Guidance on the registration requirements for Category A Hazardous waste Treatment, Storage, Disposal (TSD) Facility

HIGHLIGHTS

Clarification on the Permitting Requirements for Registration as Category A TSD Facility

Category A TSD Facility are hazardous waste generators that will treat and dispose of their own wastes:

- 1) Generators that **own and operate** the **equipment** which will treat their own generated wastes; and
- 2) Generators that **will acquire the services** of mobile treatment of hazardous wastes **owned and operated by a third-party service provider**.

Recent Policy Issuances

EMB MC 2021-04 | Amendment on some provisions of DAO 2010-06: Guidelines on the use of alternative fuels and raw materials in cement kilns

HIGHLIGHTS

- Inclusion of the terms **Non-Pathological Infectious Healthcare Wastes, Treated Non-Pathological Infectious Healthcare Wastes**, and **Flame Retardant Combustible Plastics such as Polybrominated Diphenyl Ethers (PBDE) and other- containing plastic wastes**.
- **Treated Non-pathological** Infectious Healthcare Wastes are **ALLOWED** to be co-processed provided it meets the **criteria** indicated in Section 4 of DAO 2010-06.
- Clarification on the waste materials that are **NOT acceptable** for co-processing:
 - ✓ Pathological wastes
 - ✓ All **WEEE** except dismantled and segregated PBDE-containing plastic wastes
 - ✓ **Unsegregated municipal** solid wastes except those segregated at source and at any intermediate collection/ sorting station.

Proposed Amendments to DAO 2013-22

- Integration of the Online Hazardous Waste Management System
- Inclusion of the four characteristics of hazardous wastes (Toxicity, Reactivity, Ignitability and Corrosivity)
- Further **classification** of wastes (**D406, M501, M506, M507**)
- **Requirements for hazardous waste generator registration** for malls or commercial building owners and clustered establishments
- **Increase in storage time** limit
- **Maximum of 3 years validity** for **TSD** Facility and HW **Transporter registrations**
- Definitions of **TSD Categories A, B, and F**
- Requirements for **mobile treatment of wastes**

Proposed Amendments to DAO 2013-22

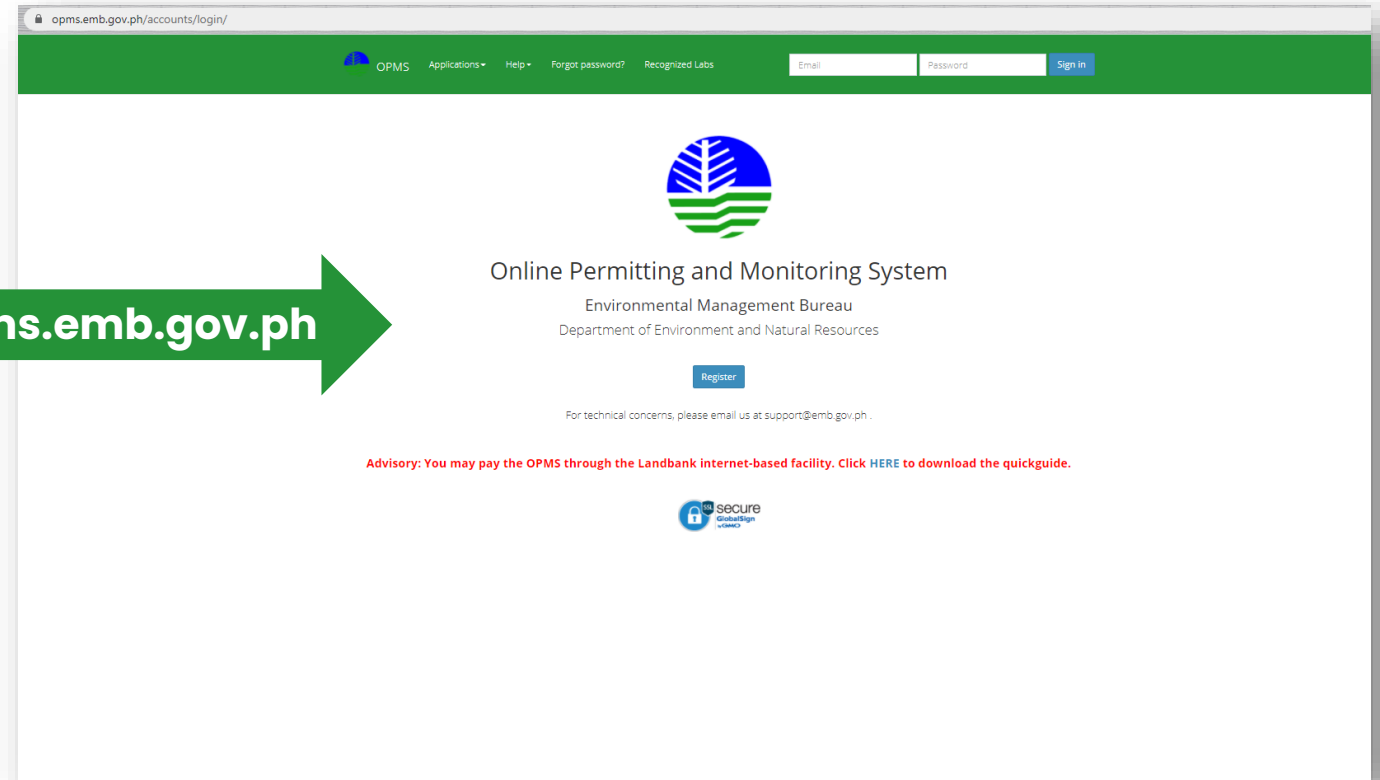
- Additions from the Technical Guidelines on the **ESM of WEEE**
- **Exemption of importers of second-hand or used** Electrical and Electronic Equipment (**EEE**) for personal or official use by a company and not for commercial purposes
- **Inclusion of slags** for further **recovery of various metals** and granulated blast furnace (**GBF**) slag as an **additive to the clinker** under the category of Scrap Metals
- **Export** of Used Lead Acid Batteries (**ULABs**) and **used oil** (industrial and cooking oil) shall **NOT** be allowed

Hazardous Waste Online Systems

Online Permitting and Monitoring System (OPMS)

- **Importer Registry**
- **Importation Clearance**

<https://opms.emb.gov.ph>



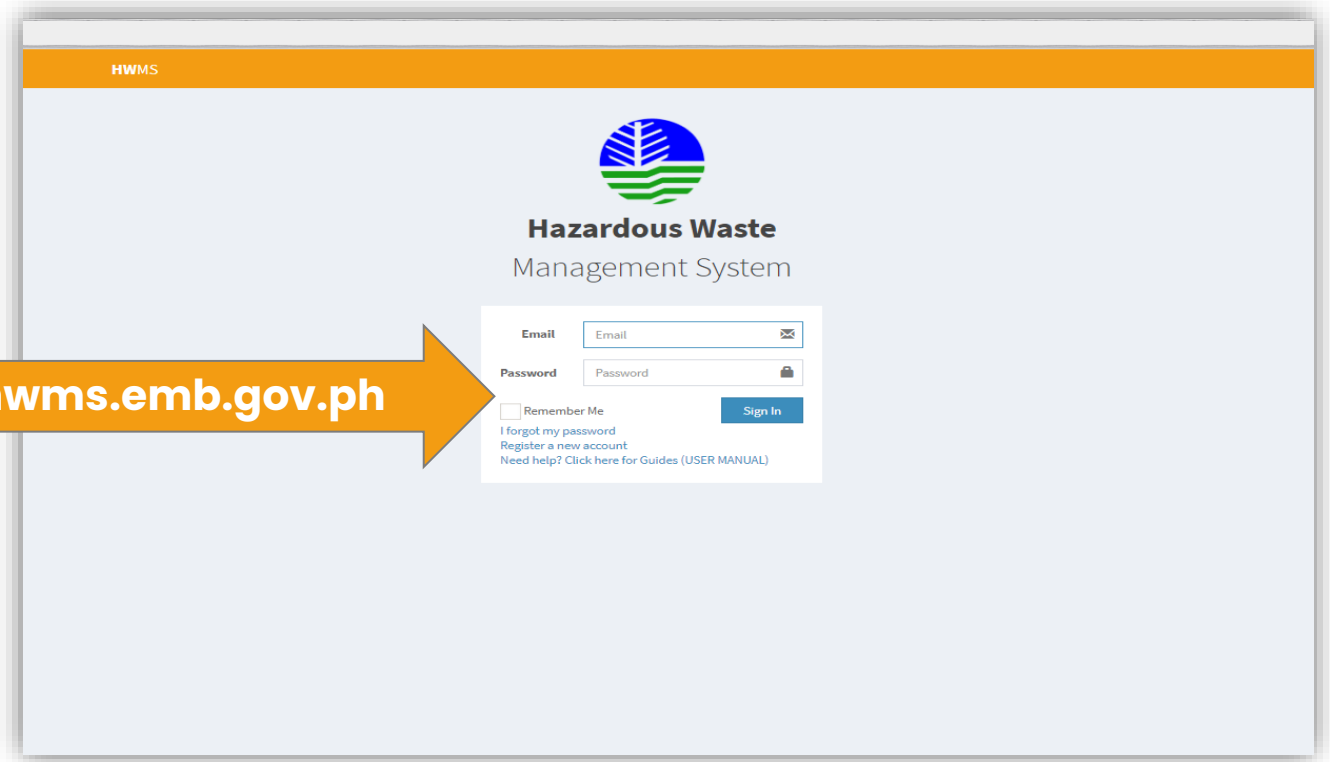
Note: This online system requires prior company profile registration through <https://client.emb.gov.ph/crs/login>.

Hazardous Waste Online Systems

Hazardous Waste Management System (HWMS)

- HW Generator Registration
- HW Transporter Registration
- TSD Facility Registration
- Permit to Transport
- Cement Kiln Co-processing Facility *(new)*
- Export Clearance *(under development)*

<https://hwms.emb.gov.ph>

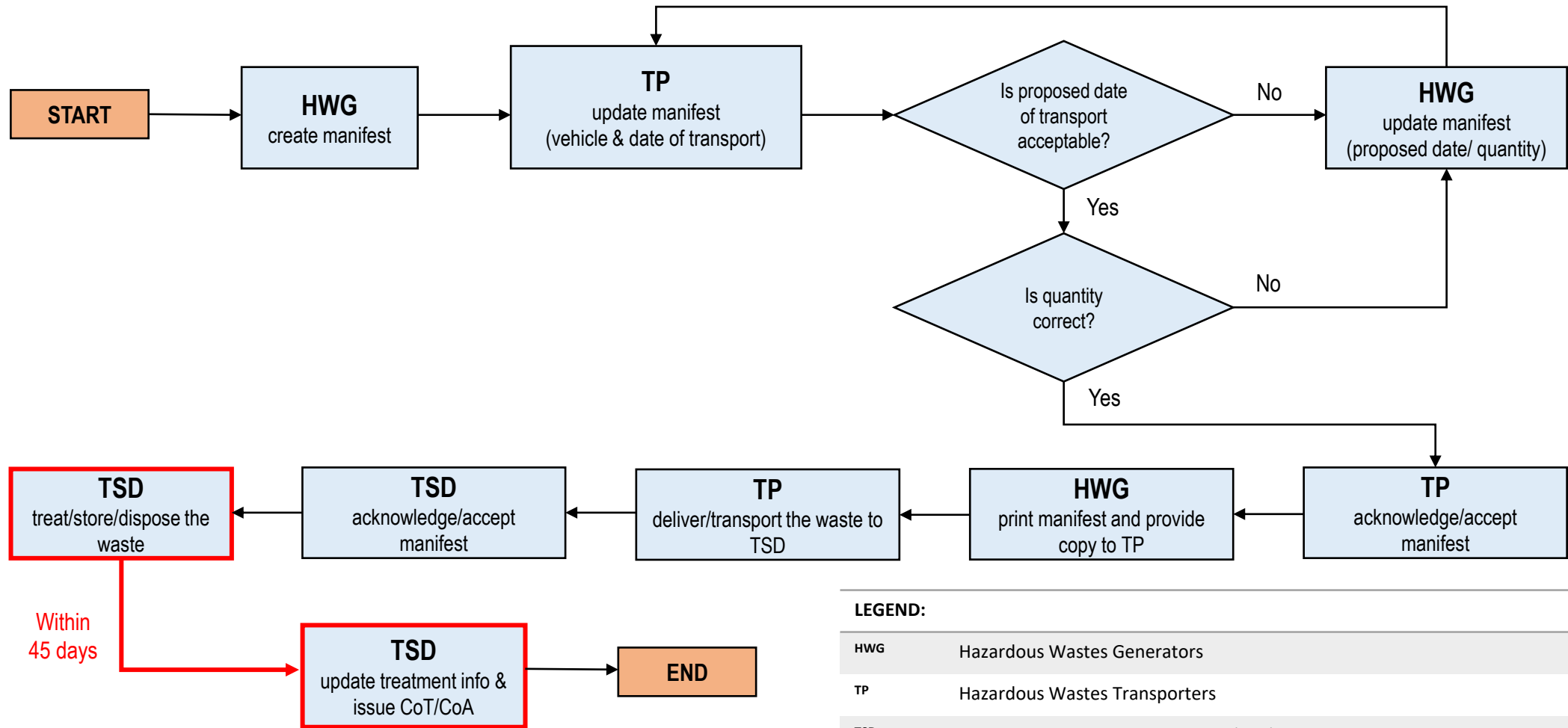


The screenshot shows the login interface of the Hazardous Waste Management System (HWMS). At the top, there is an orange header with the text "HWMS". Below this, the system's logo is displayed, featuring a stylized green and blue circular emblem. The text "Hazardous Waste Management System" is centered below the logo. The login form includes fields for "Email" and "Password", both with placeholder text. A "Remember Me" checkbox is located below the password field. To the right of the form is a blue "Sign In" button. Below the form, there are links for "I forgot my password", "Register a new account", and "Need help? Click here for Guides (USER MANUAL)".

Note: This online system requires prior company profile registration through <https://client.emb.gov.ph/crs/login>.

ONLINE HAZARDOUS WASTES MANAGEMENT

PROCESS FLOW



LEGEND:

HWG Hazardous Wastes Generators

TP Hazardous Wastes Transporters

TSD Treatment, Storage, and Disposal (TSD) Facilities

CoT Certificate of Treatment (Issued by TSD with Category B-E Classification)

CoA Certificate of Acceptance (Issued by TSD with Category F Classification)

Environmental Statistics


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DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
ENVIRONMENTAL MANAGEMENT BUREAU


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Environmental Statistics


GAD Corner News Archive Sylvatrop Website




Air Quality Management Data




Water Quality Management Data




Solid Waste Management Data




Chemical Management Data




Hazardous Waste Management Data




Environmental Impact Assessment Data




Environmental Laboratories



Status of Applications

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

 **EMB INTRANET**



Registered Treatment Storage Disposal Facilities



Registered Hazardous Waste Generators (HWGs)



Registered Hazardous Waste Transporters

Project Updates



Project Title: Implementation of PCB Management Programs for Electric Cooperatives and Safe E-wastes Management



Upgrading of the MRF of Bagong Silang, Caloocan City to an E-waste Facility



Ensuring **technology transfer** to the **informal sector** (Samahan ng Mangangalakal or Mambabaklas) for the operations of the e waste facility

E-WASTE COLLECTION EVENTS



2ND E-WASTE FACILITY – Barangay Dampalit, Malabon



Pipeline Project

“Reduction of Unintentionally-produced Persistent Organic Pollutant (u-POPs) and Mercury through an environmentally-sound approach on healthcare wastes management in the Philippines (special focus on the pandemic)”

Components:

- Reduction of unintentionally produced POPs in the healthcare waste sector with special reference to the current pandemic.
- Management of mercury, mercury-added products (MAPs) and mercury wastes in the healthcare sector according to the Minamata Convention on Mercury and the Philippine National Action Plan for MAPs phase-out.
- Capacity building and awareness raising.
- Monitoring, Evaluation and Lesson Learnt.

Questions? Clarifications?



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