



Republic of the Philippines
Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
Regional Office No. VIII
DENR 8 Compound, Brgy. 2, Jones Extension, Tacloban City
Tel No: (053) 832-1088 / (053) 832-2319
Email Address: embr8_records@emb.gov.ph



ECC Ref. Code: **ECC-R08-2203-0005**

CLEANAWAY PHILIPPINES INCORPORATED (CPI)

Thru: **Mr. Antonio G. Celajes, Jr.**
Regional Operations Manager
LIDE, Isabel, Leyte

Subject: **Environmental Compliance Certificate (ECC)**

Dear **Mr. Celajes**:

This refers to the Environmental Compliance Certificate (ECC) application for the proposed **Treatment of Medical Wastes via Steam Sterilization (Cleanclave) and Disposal of Treated Medical Wastes at Secured/Engineered Landfill** located in **LIDE, Isabel, Leyte**.

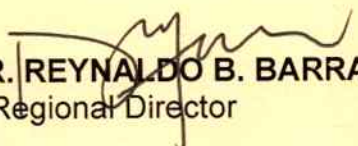
After satisfying the requirements of the said application, this Bureau has decided to grant an ECC for the above-mentioned project.

With the issuance of this ECC, you are expected to implement the measures presented in the Environmental Performance Report and Management Plan (EPRMP), intended to protect and mitigate the project's adverse impacts on community health, welfare and the environment. Environmental considerations shall be incorporated in all phases and aspects of the project.

This Certificate does not create any right nor be used as an authorization to implement the project, you may proceed with the implementation only after securing all the necessary and relevant permits from other pertinent Government Agencies. This Office shall be monitoring the project periodically to ensure strict compliance with the stipulations cited in the attached ECC.

Please be guided accordingly.

Very truly yours,


ENGR. REYNALDO B. BARRA
OIC, Regional Director



ENVIRONMENTAL COMPLIANCE CERTIFICATE

(Issued under Presidential Decree 1586)

ECC-R08-2203-0005

THIS IS TO CERTIFY THAT PROPONENT, **CLEANAWAY PHILIPPINES INCORPORATED (CPI)** is granted this Environmental Compliance Certificate (ECC), for the proposed **TREATMENT OF MEDICAL WASTES VIA STEAM STERILIZATION (CLEANCLAVE) AND DISPOSAL OF TREATED MEDICAL WASTES AT SECURED/ENGINEERED LANDFILL** located in **LIDE, Isabel, Leyte** by the Department of Environment and Natural Resources (DENR), through the Environmental Management Bureau (EMB), Region VIII.

SUBJECT ONLY to the conditions and restrictions set-out in this certificate and in the attached document labeled as Annex A. EIAS-CPD Recommendations have been provided in Annex B as guidance to concerned government agencies and local government units for consideration in their decision making process.

PROJECT DESCRIPTION

The proposed additional **Treatment of Medical Wastes via Sterilization (Cleanclave) and Disposal of Treated Medical Wastes at Secured/Engineered Landfill** will be located in **LIDE, Barangay Libertad, Isabel, Leyte** and covers a total land area of Fifty-Seven Thousand (57,000) square meter as indicated in the submitted Environmental Performance Report and Management Plan (EPRMP).

The project shall have the following the existing and proposed facilities/components:

- a. Hydroclave/Cleanclave Treatment Facility with a rated capacity of Thirty (30) metric tons per day for Primary Treatment of Pathogenic or Infectious Wastes (HW No. M501).
- b. Secured Landfill with a maximum capacity of 100,000 cubic meters and covers an area of 10,000 square meters for the disposal of Treated HW Nos. AIOI, B201, B202, B203, B204, B205, B206, B207, B208, B299, C301, C302, C303, C304, C305, C306, C399, D401, D402, D403, D404, D405, D406, D407, D408, D499, E501, E502, E503, E599, F601, F602, F603, F604, F699, G703, G704, H802, 1101, 1102, 1103, J201, K301, K302, K303, IAOI, IA04, MSOI, M502, M503, M504, MSOS, M506, M507 (Special Wastes) and non-hazardous wastes. The HW No. M502 must be placed in a special/separate site within the secured landfill wherein plans and specifications should be in accordance with DENR Standards and Criteria.
- c. Leachate Treatment Plant with a maximum capacity of One Hundred (100) cubic meters of treated wastewater per day
- d. Battery Recycling Facility (HW No. 0406 and M507) with a maximum annual capacity of 624 Metric Tons. Recycling/Recovery of Wastes from Electronic of Electric Equipment (HW No. M506 and M507) with a maximum annual capacity of 624 Metric Tons.

ECC No.	:	ECC-R03-2203-0005
Project Name	:	Treatment of Medical Wastes via Steam Sterilization (Cleanclave) and Disposal of Treated Medical Wastes at Secured/Engineered Landfill
Proponent Name	:	CLEANAWAY PHILIPPINES INCORPORATED (CPI)

- e. Storage Facility for Toxic/Hazardous Materials and Non-Toxic/Hazardous Materials with a maximum storage capacity of 1,200 metric tons of HW Nos. A101, B201, B202, B203, B204, B205, B206, B207, B208, B299, C301, C302, C303, C304, C305, C306, C399, D401, D402, D403, D404, D405, D406, D407, D408, D499, E501, E502, E503, E599, F601, F602, F603, F604, F699, G703, G704, H802, 1101, 1102, 1103, J201, K301, K302, K303, L401, IA04, M501, M502, M503, M504, M505, M506, M507 (Special Wastes) and non-hazardous wastes at any given time with a total floor area of 411.10 square meters.
- f. Bioremediation and Fenton Treatment Method with a maximum daily capacity to treat 50 cubic meters of Pesticides (HW No. M504), POPs (Persistent Organic Pollutants) Pesticides (HW No. M505), Waste Oil (HW Nos. 1101, 1102, 1103 and 1104), Grease Waste (HW No. H802), Inorganic Pigments (HW No. F602), Ink Formulation (HW No. F603), Resinous Materials (HW No. F604), Other Mixes (HW No. F699) and Halogenated Organic Solvents (HW No. G703).
- g. Admin Office (60.23 square meters) and Laboratory (37.5 square meters)
- h. Water Source/Supply (LIDE Deepwell)
- i. Septic Tank (18 cubic meters)
- j. Drainage System

This certification is issued in compliance to the requirements of Presidential Decree No. 1586, in accordance to Department Administrative Order No. 2003-30 and Memorandum Circular No. 2014-005. The Bureau, however, is not precluded from reevaluating, adding, removing, and correcting any deficiencies or errors that may be found after issuance of this certificate.

Issued on _____ at DENR-EMB R-8, Tacloban City, Leyte.

Recommending Approval:


HENNY G. HAYAG
 OIC, Chief, Clearance & Permitting Division

Approved by:


ENGR. REYNALDO B. BARRA
 OIC, Regional Director

ECC No.	:	ECC-R08-2203-0005
Project Name	:	Treatment of Medical Wastes via Steam Sterilization (Cleanclave) and Disposal of Treated Medical Wastes at Secured/Engineered Landfill
Proponent Name	:	CLEANAWAY PHILIPPINES INCORPORATED (CPI)

I. CONDITIONS

A. ENVIRONMENTAL MANAGEMENT

1. The proponent shall ensure that all commitments, appropriate mitigating/enhancement measures and monitoring requirements especially those contained in the IMP/EMP in the EPRMP shall be instituted and strictly implemented throughout the project implementation;
2. Undertake Information, Education and Communication (IEC) Program to explain to all stakeholders the final approved IMP/EMP and the significant changes on the IMP/EMP, results of Compliance Monitoring Report (CMR) to be submitted on a semi-annual basis and over-all performance against this Certificate (form to be access on the website - r8.emb.gov.ph);
3. The proponent shall provide, maintain and properly operate an adequate and appropriate wastewater treatment facility/septic tank for the domestic liquid wastes and other wastes;
4. A Discharge Permit for Water Pollution Source and Control Facilities as well as Permit to Operate for Air Pollution Source and Control Installation shall be secured from this Office;
5. Planting of appropriate tree species shall be undertaken on a designated area on the project site. Proof of compliance (photographs of the planted trees) shall be submitted to the EMB R-8 within 90 days upon receipt of the ECC;
6. Submit an Abandonment Plan to the EMB at least sixty (60) days prior to the project's abandonment. The plan shall include rehabilitation measures/clean-up, remediation of areas affected by the project and proposed alternative projects in the area;

B. GENERAL CONDITIONS

1. The project operation shall conform to the applicable provisions of R.A. 6969 (Toxic and Hazardous Waste Act of 1990), R.A. 8749 (Philippine Clean Air Act of 1999), R.A. 9003 (Ecological and Solid Waste Management Act of 2000), R.A. 9275 (Philippine Clean Water Act of 2004);
2. An Environmental Unit (EU) or its equivalent shall be established to competently handle environment related aspects of the project. In addition to the monitoring requirements as specified in the Environmental Management Plan (EMP)/Environmental Monitoring Plan (EMoP), the EU shall:
 - 2.1 Monitor actual project impact vis-à-vis the predicted impacts and management measures in the operation;
 - 2.2 Ensure that the appropriate post-assessment permits are in place;
 - 2.3 Ensure that monitoring and reporting are carried out as required; and
 - 2.4 Assure compliance with the conditions of the approved ECC.
3. That local resident shall be given priority for employment and shall be Gender and Development (GAD) responsive;

ECC No.	:	ECC-R08-2203-0005
Project Name	:	Treatment of Medical Wastes via Steam Sterilization (Cleanclave) and Disposal of Treated Medical Wastes at Secured/Engineered Landfill
Proponent Name	:	CLEANAWAY PHILIPPINES INCORPORATED (CPI)

4. That a **Compliance Monitoring Report (CMR)** shall be submitted to this Office semi-annually;
5. That any authorized DENR-EMB Region VIII personnel can initiate an on-the-spot inspection and monitoring even without prior notice;
6. That untreated toxic and hazardous wastes/materials shall not be permitted to enter and disposed off into the project site and shall be properly stored in a secured storage structure to be properly treated and dispose;
7. That a clay high-density polyethylene (HDPE) liner at the base of the whole landfill area shall be properly provided.
8. That a leachate collection and treatment system with installed pipes at the low areas of the liner shall be provided to collect leachate for storage, treatment and discharge;
9. That the stockpile of appropriate covering materials for at least two (2) weeks shall be readily and continuously available at the premises of the disposal facility area;
10. That open burning of wastes is strictly prohibited;
11. That proper health and sanitation practices shall be observed at all times and safety and personal protection equipment/devices shall be provided to prevent health and occupational hazard to workers and visitors;
12. That gas collection system shall be constructed in appropriate areas to prevent leakage, gas accumulation and migration. Proper measures to prevent deliberate and accidental fires and gas explosion within the landfill site shall be strictly effected;
13. That soil covering of at least six (6) inches thick shall be applied over the exposed wastes at the end of each working day;
14. That any false information, misrepresentation or omission of material facts in the submitted documents shall be sufficient ground for the cancellation or suspension of this ECC;
15. That clearances/permits licenses expressly required by other government agencies/instrumentalities must be secured/complied with before the start of project implementation/operation;
16. That the proponent should comply all of what have stated in the Environmental Impact Assessment Study Report submitted to this Office;
17. To inform the general public that an ECC has been issued, the project proponent shall install **ECC billboards** (form to be access on the website - r8.emb.gov.ph) with dimension of at least 2' x 4' at all entry/exit points and at any side of the project site facing the road. These ECC signboards shall be maintained for the entire duration of the project. Proof of compliance (photographs of the installed billboards) must be submitted to this office within ninety (90) days from the receipt of the ECC;

ECC No.	:	ECC-R08-2203-0005
Project Name	:	Treatment of Medical Wastes via Steam Sterilization (Cleanclave) and Disposal of Treated Medical Wastes at Secured/Engineered Landfill
Proponent Name	:	CLEANAWAY PHILIPPINES INCORPORATED (CPI)

18. This Certificate shall be considered automatically revoked if the project has not commenced within the period of five (5) years from issuance thereof, or if the ECC was not requested for extension within three (3) months from the expiration of its validity provided that no significant changes in land and resources uses have occurred in the project area or its vicinities to the extent that the impact assessment as embodied in the Environmental Management Plan (EMP) is no longer appropriate;

II. RESTRICTIONS

1. No other activities should be undertaken other than what is stipulated in the EPRMP document. Should there be an expansion of the project beyond the project description, construction of other structures beyond those stated in the EPRMP document; or any change in the activity, shall be made subject to a new Environmental Impact Assessment;
2. The proponent will take full responsibility in any complaints, protests or objections where the project shall be established. The EMB-Region 08 shall not be considered responsible and shall not take responsibility or interfere in the hearing or investigation of any of such complaints, protests or objections;
3. In case of transfer of ownership of this project, these same conditions and restrictions shall apply, and the transferee shall be required to notify the EMB Regional Office concerned within fifteen (15) days as regards to the transfer of ownership.

Non-compliance with any of the provisions of this certificate shall be a sufficient cause for the cancellation or suspension of this certificate and/or imposition of a fine in an amount not to exceed Fifty Thousand Pesos (50,000.00) for every violation thereof.

O.R. No. : _____
Processing Fee : 10,000.00

Date: _____

ECC No.	:	ECC-R08-2203-0005
Project Name	:	Treatment of Medical Wastes via Steam Sterilization (Cleanclave) and Disposal of Treated Medical Wastes at Secured/Engineered Landfill
Proponent Name	:	CLEANAWAY PHILIPPINES INCORPORATED (CPI)

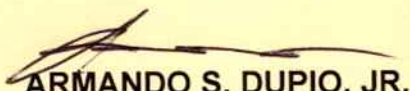
PROJECT ASSESSMENT PLANNING TOOL

For the assistance of the Proponents and government agencies concerned in the management of the project and for better coordination in mitigation on the impact of the project on its surrounding areas and to the environment.

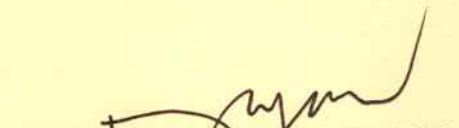
By way of recommendation, the following have been taken notice of by the undersigned Case Handler and are forwarding these recommendations to the parties and authorities concerned for appropriate action.

RECOMMENDATIONS TO CONCERNED GOVERNMENT AGENCIES/LGUs	Concerned Permitting, Deciding, Monitoring Entities
1. That proper drainage canal and other flood control measures needs to be provided to adequately receive and channel the run-off of silt-laden rain water & Structural Stability of the Bldg	City/Municipal Engineers Office
2. Need for the provision of a segregation, collection, recycling, and disposal mechanism for solid waste.	LGU concerned
3. That the regulation/occupational health and safety standards be complied with for all activities.	DOLE
4. P.D. 856 or the Sanitation Code of the Philippines	DOH
5. In support to the National Greening Program, a nursery of endemic tree species shall be provided for your tree planting requirement.	DENR-FMS
ENVIRONMENTAL PLANNING RECOMMENDATIONS FOR THE PROPONENT	
1. It is strongly recommended that close monitoring of the project be undertaken by the proponent to maintain a high level of safety and efficiency at all stages of the operation, and to immediately address any environmental hazard/change that may take place.	Proponent

For dissemination and proper action of the parties concerned.


ARMANDO S. DUPIO, JR.
Case Handler


HENNENCY G. HAYAG
OIC, Chief, Clearance & Permitting Division


ENGR. REYNALDO B. BARRA
OIC, Regional Director

ECC No.	:	ECC-R08-2203-0005
Project Name	:	Treatment of Medical Wastes via Steam Sterilization (Cleanclave) and Disposal of Treated Medical Wastes at Secured/Engineered Landfill
Proponent Name	:	CLEANAWAY PHILIPPINES INCORPORATED (CPI)

SWORN STATEMENT OF PROJECT PROPONENT

The Project Proponent, **CLEANAWAY PHILIPPINES INCORPORATED (CPI)** thru its Regional Operation Manager, **Mr. Antonio G. Celajes, Jr.** of this proposed **Treatment of Medical Wastes via Steam Sterilization (Cleanclave) and Disposal of Treated Medical Wastes at Secured/Engineered Landfill** located in **LIDE, Isabel, Leyte** takes full responsibility in complying with all conditions contained in this Environmental Compliance Certificate (ECC).

ANTONIO G. CELAJES, JR.
Regional Operation Manager
Proponent
TIN No. _____

Subscribed and sworn to before me this _____ day of _____, 20____, the above-named affiant taking oath presenting Residence Certificate No. _____ issued on _____ 20____ at _____.

Notary Public

Doc. No. _____
Page No. _____
Book No. _____
Series of 20____

ECC No.	:	ECC-R08-2203-0005
Project Name	:	Treatment of Medical Wastes via Steam Sterilization (Cleanclave) and Disposal of Treated Medical Wastes at Secured/Engineered Landfill
Proponent Name	:	CLEANAWAY PHILIPPINES INCORPORATED (CPI)