****Republic of the Philippines

Department of Environment and Natural Resource

**ENVIRONMENTAL MANAGEMENT BUREAU**

%embaddress%

%embtelephoneno%

%emailaddress%

Visit us at %website%

%dategenerated%

**%referenceno%**

(%amending%)

***%representative%***

%representativedesignation%

**%proponentname%**

%proponentaddress%

Subject: **ENVIRONMENTAL COMPLIANCE CERTIFICATE**

Dear **Sir/Madam**:

This refers to your application for an Environmental Compliance Certificate (ECC) for the proposed %projectname% Project to be located in %projectaddress%.

After satisfying the requirements of Presidential Decree No. 1586 and its Implementing Rules and Regulation, this Bureau has decided to grant an ECC for the above-mentioned project.

In this regard, the proponent is expected to fully implement the measures presented in the Initial Environmental Examination Checklist (IEEC), intended to protect and mitigate the project's predicted 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 can it be used as an authorization to implement or commence with the operation of the project. 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,

**%approver%**

%approverdesignation%

O.R. No. : %ORNumber%

Processing Fee : %AmountPaid%

Date : %TransactionDate%

****Republic of the Philippines

Department of Environment and Natural Resource

**ENVIRONMENTAL MANAGEMENT BUREAU**

%embaddress%

%embtelephoneno%

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Visit us at %website%

ENVIRONMENTAL COMPLIANCE CERTIFICATE

(Issued pursuant to Presidential Decree No. 1586 and its IRR)

**%referenceno%**

THIS IS TO CERTIFY THAT THE PROPONENT, **%proponentname%**, as represented by its **%representativedesignation%**, %representative%,is granted this Environmental Compliance Certificate (ECC), for its %projectname% located in %projectaddress%, by the Department of Environment and Natural Resources (DENR), through the Environmental Management Bureau (EMB).

SUBJECT to the conditions and restrictions set out herein labeled as Annexes A and B:

|  |
| --- |
| **PROJECT DESCRIPTION**  This Certificate shall cover the proposed *%projectname%*, with an annual production rate of *%projectcapacity%*, in an area of *%projectarea%*.  The project will have the following components:  *%projectdescription%* |

This Certificate is issued in compliance with the requirements of Presidential Decree No. 1586, and its Implementing Rules and Regulations. Non-compliance with any of the provisions of this Certificate including the mitigating measures cited herein shall be a sufficient cause for its cancellation and/or imposition of a fine in an amount not to exceed Fifty Thousand Pesos (P50,000.00) for every violation thereof without prejudice to the imposition of fines and penalties under other environmental laws. The EMB, however, is not precluded from reevaluating and correcting any deficiencies or errors that may be found after issuance hereof.

Issued at EMB-%region%, %embaddress% this %dategenerated%.

Recommending Approval: Approved:



**%eiachief% %approver%**

Chief, Clearance & Permitting Division %approverdesignation%

**SWORN ACCOUNTABILITY STATEMENT**

I, %representative%, %representativedesignation%, representing %proponentname% with office address located in %proponentaddress% takes full responsibility in complying with all conditions in this Environmental Compliance Certificate (ECC).

%representative%

Signature

TIN No.

Subscribed and sworn before me this , the above-named affiant taking oath presenting , issued on at .

Notary Public

Doc. No.

Page No.

Book No.

Series of

**Annex A**

1. **ENVIRONMENTAL MANAGEMENT**

All commitments, mitigating measures and monitoring requirements, especially those contained in the Initial Environmental Examination Checklist Report, particularly in the Environmental Management and Monitoring Plan (EMMoP), shall be instituted to minimize any adverse impact to the environment throughout the project implementation including among others the following, *to wit*:

|  |  |  |
| --- | --- | --- |
| **POTENTIAL IMPACT PER PROJECT ACTIVITY PER PROJECT PHASE** | **MITIGATING MEASURES** | **RATING/ PERFORMANCE OF MITIGATING MEASURES** |
| 1. **Construction Phase** | |  |
| **A.1 Site Development** | | |
| Generation of spoils such as excess fill materials from grading and excavation activities | * Excess spoils to be hauled by third party hauler for proper disposal * Trucks should be thoroughly washed before leaving the project site to avoid the transfer of mud/dirt in the road * Hauling trucks should be fully covered to avoid spillage of spoils generated from the grading and excavation activities * Proper onsite storage of spoils | 100% no spoil materials will be left unattended |
| Degradation of surface water quality due to contamination from domestic wastewater | * Provision of portalets for construction workers     *Note: at least one (1) portalet for 60 workers where the number of male workers exceeds 500 (as per IRR- Industrial Hygiene, PD 856 Amending Administrative Order 111 Series of 1991)*    *Note: at least one (1) portalet for 25 workers where the number of male workers exceeds 100 (as per IRR- Industrial Hygiene, PD 856 Amending Administrative Order 111 Series of 1991)*     * Provision of temporary septic tank or wastewater collection system for workers * Collection of wastewater from portalets/septic tanks by third party shall be covered by a licensed/permit from LGU and with valid Discharge Permit for the wastewater treatment facility | 100% no discharge of domestic wastewater  to nearby bodies of water, soil, and subsoil |
| Potential siltation of nearby water bodies due to soil erosion | * Provision of drainage systems to minimize and control infiltration of sediments to the nearby water bodies * Provision of engineering intervention such as silt traps, etc. and/or environmental measures to control the rate of erosion and siltation | 100% no siltation that might be brought by the site development |
| Generation of dust from site preparation | * Maintain a misty access road surface within project site by sprinkling of water at least (2x) twice a day during dry season | 100% no dust generated |
| A.2 Construction of Manufacturing Facilities | | |
| Generation of noise due to construction activities | * Equip mufflers and silencers to heavy equipment facilities for construction * Construction activities shall be done during daytime only | 100% compliance to NPCC MC 02 Series of 1980 |
| Emission from delivery trucks | * Use of properly maintained delivery trucks | 100% compliance with RA 8749 |
| 1. **Operational Phase** | | |
| B.1 Delivery and transfer of raw materials and finished goods | | |
| Generation of noise from delivery trucks | * Use of mufflers and exhaust silencers | 100% compliance to NPCC MC 02 Series of 1980 |
| B.2 Operation and maintenance of facilities | | |
| Pollution of surface water from untreated process wastewater | Provision of adequate Wastewater Treatment Facility with the following treatment:   * + Primary (e.g. sedimentation pond, aeration basin, skimmer etc.)   + Secondary (e.g. coagulation and flocculation tanks)   + Tertiary (e.g. activated sludge treatment, ozonation, chlorination, etc.) | 100% no discharge of wastewater  to nearby bodies of water, soil, and subsoil  100% compliance to RA 9275 |
| Generation of domestic wastewater | Provision of sewage treatment plant with capacity based on the total personnel/workers in the plant   * Hygienic septic tank (for 212 occupants or less – DILG MC 2019-62) with regular desludging by third party contractor (the contractor must have a valid discharge permit of its treatment facility) * Wastewater treatment facility (for more than 212 occupants – DILG MC 2019-62)   Note: For 98L per person per day water consumption; 80% will become wastewater – hence for 300 persons; at least 23.52 cubic meter per day WTF capacity shall be installed and operated | 100% compliance to RA 9275 |
| Generation of gas emissions from point sources, such as boilers, generator sets | Use any of the following:   * baghouse filter * electrostatic precipitator (ESP) * fabric filter with teflon membrane * multicyclone * gas and particulate absorption tank equipped with filter medium * wet scrubber or limestone slurry injection in the flue gas to control SOx emission * air and temperature control, flue gas recirculation or provision of catalytic converter to control NOx emission * use any adequate air pollution control facilities   Provision of any of the following:   * For emissions above 7500 tons per day, provide CEMS to transmit data to RO (DAO 2000-81) | 100% compliance to RA 8749 |
| Generation of hazardous materials (eg. used oil from motorpool, mfg plant,  oil/grease from skimmer/grease/trap, busted fluorescent bulb, used batteries etc.) | * Provision of storage facility/area and transport & treatment by hazardous wastes DENR accredited third party transporter and treater * Provide oil containment system (i.e. ring canal, grease traps) for fuel tanks/ motorpool/ maintenance areas | 100% compliance to RA 6969 |
| Generation solid wastes (e.g.  expired raw materials/ product rejects/ products returned by customers, and domestic solid wastes) | * Provision of Materials Recovery Facility (MRF) * Segregation of wastes with proper labelling. * Collection of solid wastes/domestic wastes by third party contractor with permit/clearance from LGU for proper disposal of wastes | 100% compliance to RA 9003 |
| Generation of effluents due to wastewater generation | * Monitoring of the following significant effluent quality parameters: * Temperature * pH * BOD * Total Suspended Solids | 100% compliance with DENR effluent standards (RA 9275); (i.e.DAO 2016-08 and DAO 2021-19) |

1. **GENERAL CONDITIONS**
2. The proponent shall install and maintain a wastewater treatment facility to treat all wastewater coming from different sources. Likewise, the proponent shall ensure that discharges/effluents at all times comply with the DENR standards and with all the provisions of RA 9275, the Philippine Clean Water Act of 2004 and its Implementing Rules and Regulations;
3. The proponent shall install and maintain air pollution control devices to minimize dust and gas emissions from different sources. Likewise the proponent shall ensure that emissions at all times comply with the DENR standards and with all the provisions of RA 8749, the Philippine Clean Air Act of 1999 and its Implementing Rules and Regulations;
4. The proponent shall install, operate, and maintain collection, handling, treatment, storage and disposal facilities or any system serving different sources of hazardous waste. The system shall be properly operated to ensure compliance with all the provisions of RA 6969, the Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 and its Implementing Rules and Regulations;
5. The proponent shall install, operate and maintain collection, handling, treatment, storage and disposal facilities or any system serving different sources of solid waste. The system shall be properly operated to ensure compliance with all the provisions of RA 9003, the Ecological Solid Waste Management Act of 2000 and its Implementing Rules and Regulations;
6. Planting of appropriate tree species shall be undertaken in coordination with DENR CENRO in support to National Greening Program of the DENR to compensate for the lost of vegetation. Replacement of trees shall follow the following ratio: 50 trees for one (1) planted tree cut and 100 trees for one (1) naturally growing tree cut;
7. A rainwater harvesting/cistern storage tank shall be installed to maximize recycling, distribution and utilization of used water and to store and capture rainwater as additional measures in water resources management, respectively.
8. The proponent shall designate a Pollution Control Officer (PCO) and secure accreditation at the EMB within Six (6) months from the issuance of this ECC who shall take charge on the environmental concerns of the project;
9. The proponent shall submit an Abandonment Plan to the EMB Regional Office at least six (6) months prior to project abandonment. The plan shall include rehabilitation measures/clean-up, remediation of areas affected by the project and proposed alternative projects in the area;

**III**. **RESTRICTIONS**

1. The proponent shall coordinate with other concerned Government Agencies in the management of the project and shall implement only after securing all the necessary and relevant permits from other pertinent Government Agencies;
2. Provision of an easement from water bodies at least three (3) meters in urban areas, twenty (20) meters in agricultural areas, and forty (40) meters in forest areas in compliance to the Water Code of the Philippines, (when applicable);
3. Any misrepresentation or material falsehood on the submitted IEE Checklist shall be sufficient cause for the cancellation or suspension of this ECC; and
4. No activities shall be undertaken other than what were stipulated in the IEEC. Should there be any expansion of the project beyond the project description or any change in the activity or transfer of location shall be subject to a new Environmental Impact Assessment.
5. In case of transfer of ownership of this Project, these same conditions and restrictions for which written notification must be made by herein grantee to EMB within fifteen (15) working days from such transfer.

**Annex B**

**PROJECT ASSESSMENT PLANNING TOOL**

For the assistance and guidance of the Proponent and Government agencies concerned in the management of the Project and for better coordination in mitigation of the impacts of the Project on its surrounding areas and the environment, the following recommendations are forwarded to the parties and authorities concerned for appropriate action.

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| --- |
| ***Environmental Planning Recommendations and Regulatory Requirements for the Proponent*** |
| **Local Government Unit (LGU)** |
| 1. The proponent shall give priority employment to qualified local residents. Adequate public information for jobs available to local residents in the affected areas shall be provided; 2. The proponent shall coordinate with the concerned LGU for the implementation of Solid Waste Management Plan; 3. The proponent shall comply with the Building Code and Sanitation Code of the Philippines; 4. The proponent shall provide and maintain drainage ways to allow run-off water to flow freely in such a way that it will not impede the water flow during heavy rains; |
| **DENR – Regional Office \_\_** |
| 1. The proponent shall secure tree cutting permit (if necessary). |
| **DOLE – Bureau of Working Condition** |
| 1. The proponent shall comply with the Labor Code of the Philippines |

For the dissemination and proper action of the agencies concerned.



|  |  |
| --- | --- |
| **%eiachief%** | **%approver%** |
| Chief, Clearance & Permitting Division | %approverdesignation% |