****Republic of the Philippines

Department of Environment and Natural Resource

**ENVIRONMENTAL MANAGEMENT BUREAU**

%embaddress%

%embtelephoneno%

%emailaddress%

Visit us at %website%

%dategenerated%

**%referenceno%**

***%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 *%projectname%* with %parameter% of *%projectcapacity% %unitofmeasure%, in an area of %projectarea%*  The project will have the following component:  *% 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 including Excavation and Construction of Ponds and Other Support Facilities (feedmill storage area, admin building etc.). | | |
| Degradation of surface water quality due to contamination from domestic wastewater | * Provision of (indicate number) 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 * Hauling of wastewater from portalets/septic tank by third party shall be covered by a licensed/permit from LGU and with valid Discharge Permit for the wastewater treatment facility | 100% compliance with RA 8749 |
| Potential siltation of nearby drainage system/ water bodies due to soil erosion | * Provision of drainage systems to minimize and control infiltration of sediments to the nearby water bodies * Planting of Bamboos or applicable tree species along nearest riverbank, disturbed areas, or in steep slopes to prevent soil erosion | 100% compliance with RA 9275 |
| 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 * Vehicles transporting aggregates/ construction materials should be adequately covered with tarpaulin canvass or jute sacks at all times | 100% compliance with RA 8749 |
| Noise pollution and air pollutants from delivery trucks/ generator set | * Use of mufflers, silencer and exhaust pipes | 100% Noise within standard (NPCC MC 002 Series of 1980)  100% compliance with RA 8749 |
| Generation of noise due to operation of construction | * Use of mufflers, silencer, and exhaust pipes for construction equipment * Provision of appropriate noise mitigating measures (such as construction of fences, enclosure of stationary work areas and equipment, maintenance of equipment, etc.) whenever applicable | 100% abatement of noise during construction  100% within Noise Standards |
| 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 * Spoils shall be stockpiled on flat areas and away from the adjacent access roads, drainage routes and nearby water body | 100% of excess spoils collected/hauled |
| Generation of construction debris | * Proper collection of construction debris Solid Waste Management Program in compliance to RA 9003 * Collection of construction debris by third party hauler with valid permit/clearance from LGU | 100% collected/hauled construction debris |
| Generation of used oil, paint, batteries, and other hazardous materials | * Provision of storage for hazardous wastes with proper labelling * Collection of hazardous wastes by DENR accredited 3rd party hauler and treater | 100% compliance to RA 6969 |
| 1. **Operational Phase** | | |
| 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 with RA 9275 |
| Potential flooding due to heavy rains | * Ensure proper drainage system | 100% no flooding incidence |
| Generation of noise and air pollutants from delivery trucks/generator set | * Use of mufflers, silencer, and exhaust pipes * Regular maintenance of the generator sets | 100% noise within standard - (NPCC MC 002 Series of 1980)  100% compliance with RA 8749 |
| Generation of obnoxious odor from mortalities, fish wastes, and decomposing biofouling equipment such as cages and racks | * Collection, storage, and disposal of aquaculture mortalities and wastes * Cleaning of culture equipment based on the Code of Practice for Aquaculture as provided by BFAR | 100% no generation of odor from aquaculture wastes and equipment |
| Generation of solid wastes | * Provison of Materials Recovery Facility (MRF) * Segregation of wastes with proper labelling, and wastes materials manifest indicating the volume of waste and date of collection/segregation * Hauling of non-hazardous wastes/domestic wastes by third party contractor with permit/clearance from LGU for proper disposal of wastes (ie. for composting/conversion to fertilizers or as fuel in Waste to Energy Power Project) * Compost materials (if any) shall be made available to community for distribution through its Corporate Social Responsibility (CSR) | 100% compliant to RA 9003 |
| Generation of hazardous materials | * Provision of storage facility/area and collected by hazardous wastes DENR accredited third party hauler and treater * Provision of PPE for proper handling | 100% compliant to RA 6969 |
| Generation of pollution from the use of Toxic Chemicals | * Proper handling, storage and use | 100% compliant to RA 6969 |
| Generation of effluents due to wastewater generation | * Monitoring of the following significant effluent quality parameters (based on PSIC Code 032): * BOD * Total Suspended Solids * Ammonia * Nitrate * Phosphate * Sulfate | 100% compliance with DENR effluent standards (RA 9275); (i.e.DAO 2016-08 and DAO 2021-19) |

1. **GENERAL CONDITIONS**
2. 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 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 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. Pond water (wastewater) from flushing and pond draining shall not be directly discharged to the service canal, it should be provided with a separate pond for treatment of wastewater to reduce the organic load, suspended solids and for oxidation incase there is an increase in toxic level. The pond effluent shall be within the standard of DENR prior to its discharge to the environment. In case the wastewater discharge will exceed the standards, R.A. 9275 otherwise known as the Clean Water Act, shall apply and undergo due process of whatever fine/penalty shall be imposed. Discharge Permit shall be secured from this Office prior to the operation of the WTF and renewed thereafter;
9. *Marine aquaculture should be positioned away from extensive seagrass beds and should be located at reasonable depth and current flow to ensure that nutrients and fecal matters generated as part of the aquaculture process can be dispersed;*
10. *For marine aquaculture, ropes and anchors should be secured and ensured to prevent scouring of the seafloor and disturbance of other sensitive habitat. Likewise, culture structures and pipes should be placed away from seagrass beds;*
11. 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;
12. 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;
13. The proponent shall conduct continuously an Information Education Communication (IEC) Campaign to the surrounding community to inform them of the environmental impacts and corresponding mitigating/enhancing measures during the implementation of the project including the schedule of spraying and other significant activity. Proof of compliance shall be submitted throught the semi-annual CMR.
14. **RESTRICTIONS**
15. The proponent shall provide 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
16. Strictly no cutting of any mangrove species within or adjacent to the project area (unless clearance form the DENR is secured).
17. 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;
18. No other activities shall be undertaken other than what was stipulated in the IEEC document. Any expansion or modification of the Project beyond the project description or any change in the activity shall be subject to a new EIA study; and
19. 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; 5. The proponent shall comply with the Comprehensive Land Use Plan of the LGU. |
| **DENR** |
| 1. The proponent shall secure tree cutting permit prior to project construction and operation (if necessary). 2. The proponent shall comply with the provinsion setforth in the PAMB Clearance (if necessary). |
| **DA – Bureau of Animal Industry / Bureau of Fisheries & Aquatic Resources** |
| 1. The proponent shall comply with RA 9281 or the Agriculture and Fisheries Modernization Act |
| **DOLE – Bureau of Working Condition** |
| 1. The proponent shall comply with the Labor Code of the Philippines |
| **BFP – Bureau of Fire Protection** |
| 1. The proponent shall comply with the fire safety protection requirements of the Fire Code of the Philippines |

For the dissemination and proper action of the agencies concerned.



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