****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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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 a %parameter% of *%projectcapacity% %unitofmeasure%*, in an area of *%projectarea%*. The project area shall be bounded by the following coordinates:  *%geocoordinates%* |

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 (IEEC) 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/Site Clearing | | |
| Generation of spoils | * Spoil materials shall be hauled by third party hauler | 100% no spoil materials will be left unattended |
| Dust emission from site preparation activities | * Sprinkling of water at least once a day along the access road and project area * Impose speed limits in the construction area | 100% no dust generation |
| Potential siltation of nearby bodies of water due to surface water run-off | * Provision of engineering and/or environmental measures to control the rate of erosion and siltation | 100% prevention of siltation that might be brought by the site development |
| A.2 Blasting activity for the removal of obstruction in the project site and in the development of the dam foundaction (if applicable) | | |
| Ground shaking and potential accidents due to flyrocks | * Blasting activities should be done during daytime only. Controlled blasting operation shall be implemented to minimize ground vibration, air blast and potentially dangerous flyrocks. Sirens shall be sounded before and after blasting to announce start and end of blasting | 100% noise within standard |
| Generation of spoils/blasted materials | * Materials generated shall be collected by DENR accredited third party hauler | 100% no spoil materials will be left unattended |
| A.3 Construction of Dam (Excavation for dam foundation, Filling of concrete, etc.) and construction of support facilities such as Office buildings, access roads, motorpool, etc. | | |
| Generation of solid wastes | * Provision and maintenance of Materials Recovery Facility * Implement recovery re-use and recycling of waste materials * Provide receptacles / bins for solid wastes * Composting of Organic Wastes | 100% compliance with RA 9003 |
| 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 |
| Increased siltation due to project activities | * Set up silt trap/settling ponds to minimize downstream siltation * Provision of barriers (such as aggregates, rocks) to minimize siltation during the cofferdam construction * Provision of appropriate soil erosion control and slope protection measures (e.g. contour farming, hedgerow planting, etc.) considering the natural hazards and climate projections in the area * Stabilization of embankment with grasses or other soil cover | 100% compliance with RA 9275 |
| Water contamination due to oil and grease leak from heavy equipment operation | * Regular inspection and proper maintenance of heavy equipment * Fuel and oil storage areas to be located (twenty) 20 meters away from any watercourses | 100% compliance with RA 9275 |
| Generation of hazardous wastes such as used oil, used batteries, contaminated rags, etc. | * Provision of a Hazardous Waste Storage Area with proper labeling, segregation, and storage of wastes * Transport, treatment, and disposal of hazardous wastes by DENR-accredited third-party contractors | 100% compliance with RA 6969 |
| Noise pollution due to operation of heavy equipment | * Use of mufflers and exhaust silencers * All workers must be equipped with PPEs | 100% compliance to NPCC MC 02 Series of 1980 |
| 1. Operation Phase | | |
| Operation and Maintenance of the Dam and Support Facilities | | |
| Generation of solid wastes | * Provision and maintenance of Materials Recovery Facility * Implement recovery re-use and recycling of waste materials * Provide receptacles / bins for solid wastes * Composting of Organic Wastes | 100% compliance with RA 9003 |
| Degradation of surface water quality due to contamination from domestic wastewater | * Operation and maintenance of septic tank or wastewater collection system | 100% no discharge of domestic wastewater to nearby bodies of water |
| Noise pollution due to operation of heavy equipment during silt removal | * Use of mufflers and exhaust silencers * All workers must be equipped with PPEs | 100% Noise within standard |
| Generation of effluents due to wastewater generation | * Monitoring of the following significant effluent quality parameters: * 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 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. The proponent shall conduct an effective Information, Education and Communication (IEC) Program to inform and educate all stakeholders, especially its contractors, workers, and local residents about the mitigating measures embodied in its IEEC, the conditions stipulated in this Certificate and the environmental and human safety features of the project for greater awareness, understanding and sustained acceptance of the project;
7. 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;
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 ensure that its contractors and sub-contractors strictly comply with the relevant conditions of the Certificate;
10. The proponent shall submit the following within thirty (30) days prior to project implementation:
11. Design of weir with maximum and minimum volume of discharge during dry and wet season;
12. Proof of authority over the project site (FLAg, SLUP);
13. 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;
14. **RESTRICTIONS**
15. 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;
16. No other activities shall be undertaken other than what was stipulated in the updated 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
17. 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.

| ***Environmental Planning Recommendations and Regulatory Requirements for the Proponent*** |
| --- |
| **Department of Labor and Employment (DOLE)** |
| 1. The proponent shall comply with the Labor Code of the Philippines |
| **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 consider the use of alternate routes avoiding roads with nearby houses; 3. The proponent shall coordinate with the concerned LGU for the implementation of Solid Waste Management Plan; 4. The proponent shall comply with the Building Code and Sanitation Code of the Philippines; |
| **National Water Resource Board (NWRB)** |
| 1. The proponent shall secure permit to NWRB prior to project implementation; |
| **DENR – Regional Office** |
| 1. The proponent shall secure tree cutting permit. 2. The proponent shall coordinate with the said agency for the establishment of protective buffers and use of appropriate species/vegetation to minimize/prevent the impact on loss of biodiversity |
| **DENR – Mines and Geosciences Bureau (MGB)** |
| 1. The proponent shall comply with DENR Administrative Order No. 2000-28, the Implementing Guidelines on Engineering Geological and Geohazard Assessment (EGGA). |
| **Philippine National Police (PNP) and Department of Labor and Employment – Bureau of Working Conditions (DOLE-BWC)** |
| 1. The proponent shall strictly adhere with the protocols and guidelines of the PNP and DOLE-BWC on the transport, handling and storage of explosive materials that will be used in blasting activities. |

For the dissemination and proper action of the agencies concerned.



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