****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 %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 (Clearing and Grubbing), Delivery of Construction Materials and Construction of Roads and Drainage systems, Housing Units/ Commercial Area/ Institutional Area, Water Supply System | | |
| Potential siltation of nearby bodies of water due to soil erosion | * Provision of sediment/silt control measures such as sediment/silt traps, slope stabilization, etc. * Stockpile areas shall be positioned away from drainage and runoff routes * Temporary silt traps/ponds shall be set-up around soil piles and drainage canal shall be provided to divert runoff water from soil piles and for possible siltation of the existing drainage routes, adjacent agricultural areas and nearby water body. Preservation of natural drainage shall be undertaken and shall not be condemned or if disturbed shall be automatically replaced by constructing or incorporating it in the design of the drainage facility of the subdivision; | 100% compliance with RA 9275 |
| Degradation of 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)*  Siphoning and collection of sewage from portalets shall be done twice a week.   * Provision of hygienic septic tank or wastewater collection system for workers * Hauling of wastewater from portalets by third party service provider shall be covered by a license/permit from LGU and with valid Discharge Permit for wastewater treatment facility | 100% conformance to DENR standards and compliance with RA 9275 |
| Generation of dust from site preparation/ construction site or from transport of construction/excavated materials by delivery trucks | * Maintain wet access roads by water sprinkling along haul roads and active construction areas at least twice a day at a rate of 5 liters per square meter unpaved road especially during dry season * Set project vehicle speed limit to 30kph * Trucks used for transporting construction materials should be fully covered, and shall be thoroughly washed before leaving from the project site to avoid the transfer of mud/dirt in the road | 100% no dust generation  100% compliance with RA 8749 |
| Noise pollution from delivery trucks | Use of mufflers and exhaust silencers | 100% Noise within standard (NPCC MC 002 Series of 1980) |
| Generation of noise from heavy equipment | * Use of mufflers and exhaust silencers 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 * Limit operation of noise-generating equipment/construction activities during peak hours | 100% Noise within standards (NPCC MC 002 Series of 1980) |
| Generation of spoils such as excess fill materials from grading and excavation activities | * Use of spoils as fill materials in lower areas within the project premises * Unused spoils shall be hauled by third party hauler with approved permit/clearance from LGU | 100% of excess spoils collected/hauled |
| Generation of construction debris and other solid wastes | * Segregation of wastes and provision of temporary waste storage facility/area in compliance with RA 9003 before disposal and hauling by 3rd party accredited/recognized by LGU | 100% compliance with RA 9003 |
| Generation of used oil, paint, batteries, and other hazardous materials  Contamination of soil and groundwater due to hazardous wastes (HW) generation, leakage of oil & grease from vehicles and heavy equipment operation | * Proper segregation and containment of HW in safe, secured & well-ventilated storage areas with proper labelling/placards in accordance with prescribed labels/symbols per HW material classification under DENR AO 2004-36 * Collection of hazardous wastes by DENR-accredited 3rd party service provider * Preventive maintenance of vehicles and heavy equipment with proper handling of fuels, oils & lubricants to prevent oil spills | 100% compliance with RA 6969 |
| 1. **Operational Phase** | | |
| B.1 Operation of commercial area, institutional area and occupied housing units | | |
| Generation of domestic wastewater | Provision of adequate Wastewater Treatment Facility (Sewage Treatment Plant) to treat the collected wastewater, whichever is applicable:   * 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% conformance to effluent standards  100% conformance to DENR standards and compliance with RA 9275 |
| Degradation of air quality due to use of generator set *(if any)* | * Regular maintenance of pollution control equipment | 100% compliance with RA 8749 |
| Generation of domestic wastes | * Construction of centralized Material Recovery Facility (MRF) provided with properly-labelled waste receptacles * Hauling of domestic solid waste by LGU or third party hauler with permit/clearance from LGU for proper disposal | 100% compliance with RA 9003 |
| Generation of hazardous wastes | * Proper segregation and containment of HW in safe, secured & well-ventilated storage areas with proper labelling/placards in accordance with prescribed labels/symbols * Collection of hazardous wastes by DENR-accredited 3rd party service provider | 100% compliance with RA 6969 |
| Generation of effluents due to wastewater generation | * Monitoring of the following significant effluent quality parameters (based on PSIC Code 681): * BOD * Fecal Coliform * Ammonia * Nitrate * Phosphate * Oil and Grease * Surfactants | 100% compliance with DENR effluent standards (RA 9275); (i.e.DAO 2016-08 and DAO 2021-19) |

1. **GENERAL CONDITIONS**
2. The proponent shall comply 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. Impose speed limit and conduct daily road watering. 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 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 PCO and secure accreditation at the EMB within six (6) months from the issuance of this ECC who shall take charge of the environmental concerns of the project
9. The proponent/developer shall be held responsible in the management and maintenance of the subdivision, and to address any complaints related to pollution, nuisance and sanitation problem brought about by the development of the subdivision, until said responsibility has already been assumed by the **Homeowners Association**, and a proof of turn-over of said responsibilities has been submitted to this Office;
10. The proponent shall submit an Abandonment Plan to the EMB 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;
11. **RESTRICTIONS**
12. The proponent shall coordinate with other concerned Government Agencies (GAs) and Local Government Unit/s (LGU) in the management of the project and shall implement only after securing all the necessary and relevant permits from other GAs/LGU-concerned;
13. 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

No other activities shall be undertaken other than what were stipulated in the IEEC. Any expansion of the project beyond the project description, or any change in the activity or transfer of location shall be the subject of a new Environmental Impact Assessment

1. 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.

Transfer of ownership of this project shall carry the same conditions and restrictions and the transferor (*with concurrence/confirmation letter from the transferee*) shall be required to notify the EMB RO1 within fifteen (15) days from the transfer of ownership to allow the necessary changes brought about by such transfer.

1. The proponent shall not commercialize nor illicitly dispose outside the project site any material resulting from clearing and development of the project. Otherwise, a separate ECC will have to be applied for quarry activities; (*if with clearing/excavation*) (if applicable)
2. The proponent shall only acquire backfilling materials from legitimate sources with an ECC and permits; *(if with backfilling)*

**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 overflow or impede during heavy rains; 5. The proponent shall maintain the drainage ways along with the road grading; 6. The proponent shall implement adequate and appropriately-designed drainage system, soil erosion protection structures and other structural measure to avoid erosion and flooding of adjoining properties. |
| **DENR- Mines and Geosciences Bureau (MGB)** |
| 1. The proponent shall implement the recommendation/s in the Geohazard Identification Report (GIR) / Geohazard Assessment Report (GAR) and proper mitigating measure on the identified possible geologic hazards in the project area. |
| **DENR-Forest Management Bureau (FMB)/PENRO/CENRO** |
| 1. The proponent shall secure tree cutting permit and permit/clearance for the removal of endangered or prohibited species and seedling replacement, and shall institute measures in accordance with the amended PD 705 Revised Forestry Code (if necessary) 2. The proponent shall establish appropriate measures and maintain a buffer zone along the periphery site with appropriate species/dense vegetation cover to mitigate adverse effect of its operation to the existing condition of the ecosystems in the area and to serve as noise, vibration and dust buffers. |
| **Department of Labor and Employment (DOLE) – Bureau of Working Condition** |
| 1. The proponent shall comply with the Labor Code of the Philippines. 2. Provision of appropriate Personal Protective Equipment (PPE) to all workers, if necessary. |
| **Department of Human Settlements and Urban Development (DHSUD)** |
| 1. The proponent shall allocate for Open Spaces in no case to be alienated nor build upon thereon any structure. The said open space shall be titled separately and distinct from the lots for sale, pursuant to Section 31 of PD 1216 2. Compliance with standards and technical requirements for the development of Socialized Housing Projects, if applicable. |
| **National Water Resources Board (NWRB)** |
| 1. The proponent shall register with NWRB for the use of water for domestic purposes *(not more than 250-L/capita/day by single-household)* pursuant to the amended IRR of the Water Code of the Philippines. |
| **Bureau of Fire Protection (BFP)** |
| 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% |