****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**

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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%* to be located at %projectaddress% having an aggregate area of *%projectarea% hectares* with an %parameter% of *%projectcapacity% %unitofmeasure%* based on the approved Geological Assessment Report (GAR) bounded with the following geographical coordinates per Area Status Clearance issued by MGB Region %garregion% on %gardate%, to wit:  *%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 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, Road Network Development (ISAG), Construction of processing and other Related Facilities (with crushing plant)) | | |
| Degradation of surface water quality due to contamination from domestic wastewater *(with crushing plant)* | * Provide (indicate number) 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   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% complaint with RA 9275 |
| Potential siltation of nearby drainage system/ water bodies due to soil erosion *(with crushing plant)* | * Provision of drainage systems to minimize and control infiltration of sediments to the nearby water bodies * 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 | 100% compliance to DAO 2016-08 and 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 to RA 8749 |
| Generation of noise due to operation/ construction *(for crushing plant)* | * 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% Noise within standard (NPCC MC 002 Series of 1980) |
| Generation of spoils such as excess fill materials from grading and excavation activities *(for crushing plant)* | * 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% RA 9003 |
| Generation of construction debris *(for crushing plant)* | * 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% RA 9003 |
| Generation of used oil, batteries, and other hazardous materials *(for crushing plant)* | * 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** | | |
| B.1 Delivery and transfer of raw (SAG) materials and finished goods, processing Administrative Operation and other Facilties for with crushing project | | |
| Degradation of surface water quality due to contamination from domestic wastewater *(with crushing plant)* | * Provide (indicate number) of portalets for construction workers   *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% complaint with RA 9275 |
| Degradation of surface water quality due to contamination from oil, fuel or other lubricant  agents leaks from  heavy equipments | * Provision of spill boom; * Use of properly maintained theavy equipments | 100% complaint with RA 9275 |
| Potential siltation (turbidity) during Extraction | * Provision of temporary sand barrier from the active site/area of extraction (if applicable); * Provision of silt curtain (if applicable) * Appropriate method of extraction as identified by MGB | 100% complaint with RA 9275 |
| Generation of Process Wastewater *(with Crushing)* | * Provision of Settling Pond in Series (atleast 3 chamber) * Provision of Drainage Canal | 100% compliance with RA 9275 |
| Generation of noise from equipments (crushers, screens etc.) | * Provision of enclosures or muffling devices on engines and equipments * Use of sound absorbing liners (e.g. rubber) * Daytime operation only, or secure permit/clearance from concerned barangay if operating at nightime | 100% Noise within standard (NPCC MC 002 Series of 1980) |
| Generation of air pollutants from delivery trucks/ generator set | * Use of mufflers, silencer, and exhaust pipes; | 100% compliance with RA 8749 |
| 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 domestic wastes by third party contractor with permit/clearance from LGU for proper disposal of wastes . * 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 used oil (from motorpool) and other hazardous materials (ie. used batteries, fluorescent lamps) (with Crushing) | Provision of storage facility/area and collection of hazardous wastes by DENR accredited 3rd party hauler and treater | 100% compliant to RA 6969 |
| Generation of hazardous wastes (with Crushing) | * 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 Used Oils from heavy equipment | * Proper disposal of generated used oils | 100% compliant to RA 6969 |
| River Bank Erosion/Scouring | * Planting of Bamboos or applicable tree species along nearest riverbank, disturbed areas, or in steep slopes to prevent soil erosion * Uniform depth method of SAG Extraction * Provision of buffer zone to protect the riverbank | 100 No erosion caused by the project |
| Impacts on Infrastructure (Bridges and Irrigation Canals) | * No extraction within one (1) kilometer radius from any government infrastructure project(s) |  |
| 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 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. 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 install, maintain, and operate any collection, handling, treatment, storage and disposal facilities or any system serving different sources of solid waste. The system shall be properly operated to ensure prevention of air, water, and any other pollution at all times;
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.

1. Stockpiling of aggregates shall not be allowed on the riverbed and shall be done only on the designated areas, stockpiled in low mounds and away from the riverbanks;
2. No diversion of the flow of the river shall be undertaken or any construction that would reduce the width of the river channel, constrict or impede the flow of water (including the construction of access roads)
3. Submit certification from DPWH/NIA that the project area is outside the 1-kilometer radius from the boundaries of reservoirs and of any public/private structures prior to project implementation;
4. 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;
5. The proponent shall designate a Pollution Control Officer (PCO) and secure accreditation at the EMB Regional Office within Six (6) months from the issuance of this ECC who shall take charge on the environmental concerns of the project;
6. 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;
7. That should there be any unwarranted destruction (from the scouring of the riverbank) of the adjacent private property / land, etc. brought about by the project implementation, the same shall be reported immediately to this office or to the nearest CENRO within 24 hours and the operation causing the same shall be automatically stopped. Likewise, restoration/mitigation or compensation shall be carried out by the proponent and a report of such restoration/mitigation or compensation shall be submitted to this office for evaluation and determination whether the operation shall be allowed to continue or not based on the environmental conditions;
8. That 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 prior and during the implementation of the proposed project;
9. That there shall be no screening and/or washing of quarry materials within the streambed to avoid siltation and turbidity of water. Likewise, no stockpile shall be left at the streambed during extraction to avoid obstruction of water flow;
10. The proponent shall provide “one entry” and “one exit” for its operation and shall install a Closed-Circuit Television (CCTV) connected to the server of EMB Regional Office concerned;
11. **RESTRICTIONS**
12. 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;
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
14. 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 ensure compatibility of the project location in relation to zoning classification (with crushing) 2. 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. 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. (with crushing) 5. The proponent shall implement emergency response plan and disaster preparedness program in case of emergencies. 6. The proponent shall submit a traffic management plan |
| **DOLE – Bureau of Working Conditions** |
| 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% |