****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 *%projectname%* with an %parameter% of *%projectcapacity% %unitofmeasure%*, with an area of *%projectarea%* to be located at %projectaddress% covered by the following coordinates:  *%geocoordinates%*    The project also has 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 (Site Clearing, Removal of overburden, Road Network Development (ISAG), Construction of processing and other Related Facilities (with crushing/vobro/sand washing plant)) | | |
| Degradation of surface water quality due to contamination from domestic wastewater *(with crushing /vibro/sand washing plant)* | * Provide portalets for the 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)*   * Hauling of sewage from portalets by third party service provider 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 silt traps/ponds for the surface run-off * Provision of engineering and/or environmental measures to control the rate of erosion and siltation | 100% compliance to DAO 2016-08 and RA 9275 |
| Generation of dust from site preparation/removal of overburden | * Sprinkling of water along the access road and project area at least twice a day especially 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 construction and installation of equipment *(for crushing/vibro/sand washing plant)* | * Use of mufflers, silencer, and exhaust pipes for construction equipment | 100% compliance to NPCC MC 02 Series of 1980 |
| Generation of spoils such as excess fill materials from grading and excavation activities and solidwaste | * Excess spoils to be hauled for proper disposal * Trucks tires should be thoroughly washed before leaving the project site (if applicable) * Spoils shall be stockpiled on flat areas and away from drainage routes and nearby water body * Provision of MRF and proper segration of solidwaste, recyclables will be sold to junkshop and residuals will be disposed off to a sanitary landfill. | 100% compliant with RA 9003 |
| Generation of used oil, BFL and other hazardous materials *(for crushing, vibro, sand washing plant)* | * Provision of storage for hazardous wastes with proper labelling * Collection and treatment of hazardous wastes by DENR accredited 3rd party hauler and treater | 100% compliance to RA 6969 |
| 1. **Operational Phase** | | |
| B.1 Extraction and delivery of raw materials and finished products with with crushing/vibro/sand washing project | | |
| Degradation of surface water quality due to contamination from domestic wastewater | * Provision of multi-chambered septic tank * Siphoning/desludging septic tank by third party shall be conducted every 3 years from the start of operation covered by a licensed/permit from LGU and with valid Discharge Permit for the wastewater treatment facility | 100% complaint with RA 9275 |
| Potential siltation (turbidity) during Extraction and operation of crushing/ bivro/ sand washing plant | * Provision of temporary sand barrier from the active site/area of extraction (if applicable); * Provision of silt curtain (if applicable) * Implementation of the appropriate method of extraction as identified by MGB * Provision of siltation ponds | 100% complaint with RA 9275 |
| Potential accidents from landslides/falling debris | * Provision of measures such as \_\_\_\_\_ to prevent/arrest falling debris and landslide to protect the public | 100% no accidents from landslides/ falling debris |
| Generation of dust and noise from heavy equipment and crusher/vibrating screens etc. | * Provision of water sprinklers at the vibrating screen * Water sprinkling of dirt roads, and provision of enclosures or muffling devices on engines and equipments * Daytime operation only, or secure permit/clearance from concerned barangay if operating at nighttime | 100% compliant to RA 8749 |
| Generation of noise from delivery trucks / generator set  Generation of noise from blasting operation (if applicable) | * Use of mufflers, silencer, and exhaust pipes as applicable * Use of controlled blasting method | 100% Noise within standard (NPCC MC 002 Series of 1980) |
| Generation of solid wastes | * Provison of Materials Recovery Facility (MRF) * Hauling of domestic wastes by third party contractor with permit/clearance from LGU for proper disposal of wastes . * Composting of biodegradables on-site (if any) | 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 effluents due to wastewater generation | * Monitoring of the following significant effluent quality parameters: * 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 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. This ECC is co-terminus with the exhaustion of the quarry materials within the quarry area based on the approved Quarry Development Plan of MGB;
7. Benching method in accordance with the approved Quarry Development Plan shall be strictly implemented during the operation phase (if applicable);
8. 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;
9. Existing residential houses near the applied quarry area shall be relocated as may be necessary upon proper consultation with the affected households including the granting of adequate assistance to them by the proponent;
10. Quarrying shall be limited to the claimed area and benching method of extracting ordinary earth materials shall be employed or a systematic mode of extraction shall be conducted and a working slope shall be maintained to prevent cave-ins or erosion. Unstable slopes/cliffs shall be stabilized to prevent landslides and soil erosion.
11. That the proponent shall post safety related warning signs in conspicuous places within the quarry area to prevent accident;
12. 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; (if applicable)
13. 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;
14. 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;
15. 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;
16. **RESTRICTIONS**
17. That 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, the same shall be subject to a new Environmental Impact Assessment;
18. This ECC is automatically considered terminated upon the exhaustion of the extractible deposit of the area based on the submitted GAR;
19. That the EMB reserves the right to cancel or withdraw this Certificate for any misrepresentation of facts vital to the issuance of this Certificate and for any violation of the conditions stipulated hereof;
20. That in case of transfer of ownership of this project, these same conditions and restrictions shall apply and the transferee shall be required to notify this Office within fifteen (15) days with regard to the transfer of ownership;

**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/vobro/screening plant) 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 7. 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 8. The proponent shall ensure that the project activities shall be aligned and in conformity with the LGU’s plan to implement measures to strengthen the embankment of the river systems and ensure structural stability of slope infrastructure projects prior to project operation 9. The proponent shall ensure that 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 |
| **DOLE – Bureau of Working Conditions** |
| 1. The proponent shall comply with the Labor Code of the Philippines |
| **DENR – Mines and Geosciences Bureau** |
| 1. No quarried materials shall be disposed of or transported without any permit or prior approval from the Mines and Geosciences Bureau (MGB) Office concerned; 2. The Proponent shall establish a marker on the exact location of the corner 1 of the project site indicating the coordinates as given by DENR-MGB Area Clearance (<Latitude> Latitude and <Longitude> Longitude). The marking shall be firmly fixed in the exact location and shall be legible. Under no circumstance shall the marking be removed until the ECC of the said project has been relieved. All project boundaries shall be properly marked in the field to monitor intrusion and possible extractions outside of the quarry area; 3. The proponent shall ensure that blasting operations shall be undertaken by an accredited blasting contractor from the MGB concerned Office and subject to all existing rules and regulations governing the handling and utilization of explosives and blasting materials |
| **DENR – Regional Office** |
| 1. Secure Tree Cutting permit, if necessary |

For the dissemination and proper action of the agencies concerned.



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