



Republic of the Philippines  
Department of Environment and Natural Resource  
**ENVIRONMENTAL MANAGEMENT BUREAU**

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September 21, 2018

**ECC-OL-R4B-2018-0134**

**Mr. Rafael M. Lumalang**  
Brgy. Boton, Boac, Marinduque

Subject: **ENVIRONMENTAL COMPLIANCE CERTIFICATE**

Dear Mr. Lumalang;

This refers to the Environmental Compliance Certificate (ECC) application for the proposed Sand and Gravel Extraction Project to be located at Brgy. Boton, Boac, Marinduque.

After satisfying the requirements of the said application, this Bureau has decided to grant an ECC for the above-mentioned project.

With the issuance of this ECC, you are expected to implement the measures presented in the Initial Environmental Examination Checklist (IEEC), intended to protect and mitigate the project's 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 be used as an authorization to implement the project, you may proceed with the implementation only after securing all the necessary and relevant permits from other pertinent Government Agencies. This Office shall be monitoring the project periodically to ensure strict compliance with the stipulations cited in the attached ECC.

Please be guided accordingly.

**Maria Socorro A. Abu**  
OIC-Regional Director



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**ENVIRONMENTAL COMPLIANCE CERTIFICATE**  
(Issued under Presidential Decree 1586)  
**ECC-OL-R4B-2018-0134**

THIS IS TO CERTIFY THAT THE PROPONENT, **Rafael M. Lumalang**, is granted this Environmental Compliance Certificate (ECC), for the proposed Sand and Gravel Extraction Project located at Brgy. Boton, Boac, Marinduque, by the Department of Environment and Natural Resources (DENR), through the Environmental Management Bureau (EMB).

SUBJECT ONLY to the conditions and restrictions set in this ECC and in the attached document labelled as Annexes A and B.

This Certificate is issued with the following details:

**PROJECT DESCRIPTION**

This ECC covers the **Commercial Sand and Gravel Extraction Project** having a total land area of 46, 602 square meters, located at Brgy. Boton Boac, Marinduque, specifically described as follows:

**Tie Line: S.73°21’ E, 3121.38 M: From MRQ - 9, Poblacion, Boac, Marinduque to Corner “1”**

Line	Bearing	Distance
1-2	S. 83°56’ W.	325.12 M.
2-3	S. 50°28’ W.	141.58 M.
3-4	N. 10°12’ E.	128.11 M.
4-5	N. 54°16’ E.	196.23 M.
5-6	N. 88°49’ E.	162.43 M.
6-1	S. 36°21’ E.	148.45 M.

The project shall operate and maintain its facilities and amenities as contained in the submitted **Initial Environmental Examination Checklist (IEEC) Report and Environmental Management Plan (EMP)**.

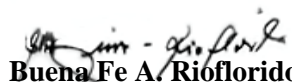


Environmental Compliance Certificate  
Sand and Gravel Extraction Project  
Brgy. Boton Boac, Marinduque  
Rafael M. Lumalang

This Certificate is issued in compliance with the requirements of Presidential Decree No. 1586, and in accordance to DENR Administrative Order (D.A.O.) No. 2003-30. Non-compliance with any of the provisions of this Certificate shall be a sufficient cause for the cancellation of this Certificate 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 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 of this Certificate.

Issued at EMB-R4B, 1515 L and S Building, Roxas Boulevard, Pasay City this September 21, 2018.

Recommending Approval:

  
**Buena Fe A. Rioflorido**  
Chief, Clearance & Permitting Division

Approved:

  
**Maria Socorro A. Abu**  
OIC-Regional Director



Environmental Compliance Certificate  
Sand and Gravel Extraction Project  
Brgy. Boton Boac, Marinduque  
Rafael M. Lumalang

SWORN ACCOUNTABILITY STATEMENT

I, Mr. Rafael M. Lumalang, with office address located at Brgy. Boton, Boac, Marinduque takes full responsibility in complying with all conditions in this Environmental Compliance Certificate (ECC).

Mr. Rafael M. Lumalang  
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 \_\_\_\_\_



Environmental Compliance Certificate  
Sand and Gravel Extraction Project  
Brgy. Boton Boac, Marinduque  
Rafael M. Lumalang

I. CONDITIONS

ENVIRONMENTAL MANAGEMENT

All commitments, mitigating measures and monitoring requirements, contained in the Initial Environmental Examination Checklist Report for the COMMERCIAL SAND AND GRAVEL EXTRACTION PROJECT of Rafael M. Lumalang, particularly in the Environmental Management Plan/ Environmental Monitoring Plan, including any modifications and/or additional information as approved by the EMB, shall be instituted to minimize any adverse impact of the project to the environment throughout its implementation, which shall include among others to wit:

1. That the proponent shall ensure that the project implementation shall **NOT START** unless all required/clearances from the concerned government agencies are secured. EMB shall be advised when all the permits/clearances are secured and when will be the actual date of project implementation;
2. That the proponent shall conduct an effective Information, Education and Communication (IEC) Campaign 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. The program shall be submitted to EMB-4B (MIMAROPA Region) on an annual basis;
3. That the proponent shall implement a Comprehensive Social Development Program (SDP) and submit a separate report together with the Compliance Monitoring Report (CMR) to the EMB-4B (MIMAROPA Region) on a semi-annual basis;
4. That the proponent shall strictly manage all project related traffic problems, excessive surface runoff, dust, soil erosion, accidental spillage and health hazards identified in the Initial Environmental Examination (IEE) Checklist Report and, in case of emergency episodes, appropriate response activities shall be immediately undertaken for the protection of the workers/ personnel, host and nearby communities and the receiving environment;
5. That preservation and easement retention of natural drainage/waterways shall be undertaken and should conform with the provisions of the DENR Administrative Order No. 97-05 (Procedures in the Retention of Areas within certain distances along the Banks of Rivers, Streams, and Shores of Seas, Lakes and Oceans for Environmental Protection). If disturbed, a replacement drainage system shall be constructed within two (2) months from the disturbance;
6. That the solid waste management scheme as provided in the Environmental Management Plan (EMP) shall be continuously implemented from the start of the project operation.
7. That the quarry site, with respect to the survey plan submitted, shall be ***delineated with visible permanent markers.***

GENERAL CONDITIONS

Further administrative conditions for the grant of this Certificate shall be strictly complied:

8. The project operations shall conform to the provisions of RA 6969 (Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990), RA 8749 (Philippine Clean Air Act of 1999), RA 9003 (Ecological Solid Waste Management Act of 2000), and RA 9275 (Philippine Clean Water Act of 2004) and other relevant policies, rules and regulations;



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9. That the proponent shall set-up a competent Environmental Unit (EU) with a Pollution Control Officer, within sixty (60) days from issuance of this Certificate and shall be duly accredited by this Office in accordance with DAO No. 02, series of 2014 (Revised Guidelines for Pollution Officer Accreditation). The Environmental Unit (EU) shall competently handle the environment-related aspects of the project. In addition to the monitoring requirements as specified in the Environmental Management Plan/ Environmental Monitoring Plan, the EU shall have the following responsibilities:
- 9.1 Monitor actual project impacts vis-à-vis the predicted impacts and management measures in the Generic IEE Checklist Report;
  - 9.2 Recommend revisions to the EMP/EMoP, whenever necessary subject to the approval of EMB-4B (MIMAROPA Region);
  - 9.3 Ensure that data gathered during monitoring activities are properly documented, assessed, evaluated and reported to EMB-4B (MIMAROPA Region) in accordance with the standard formats;
  - 9.4 Ensure that monitoring and submissions of reports to EMB-4B (MIMAROPA Region) are carried out as required;
  - 9.5 Regular submission of a semi-annual ECC Compliance Monitoring Report (on or before January 15 and July 15 of each year the project is operational) provided with supporting documents and in accordance with the prescribed format stipulated in the Implementing Rules and Regulations of P.D. 1586;
  - 9.6 Submit a quarterly monitoring report using the prescribed format of the Self-Monitoring Report (SMR) pursuant to DAO 2003-27;
  - 9.7 Submit an Abandonment Plan two (2) months prior to the abandonment activities. It shall include rehabilitation measures/clean-up, costs, remediation of areas possibly contaminated with toxic/hazardous substances and presentation of options on proposed alternative projects in the area.;
10. That the proponent shall allocate ample budget for the implementation of the proposed mitigating/enhancement measures during the operation and abandonment phases of the project;
11. That health and sanitation practices shall be observed in all phases of the project and safety & personal protection equipment/devices shall always be provided to all employees/workers within the premises of the project site to prevent health and occupational hazards;
12. That a billboard containing this message: **“Notice to the Public, THIS PROPOSED COMMERCIAL SAND AND GRAVEL EXTRACTION PROJECT OF RAFAEL M. LUMALANG has been issued an Environmental Compliance Certificate (ECC-OL-R4B-2018-0134) by the Department of Environment and Natural Resources – Environmental Management Bureau MIMAROPA Region on September 21, 2018.”** shall be installed at all entry and exit points and in the perimeter of the project site facing the road to inform the general public within thirty (30) days from receipt of the ECC;
13. That a copy of the ECC shall be posted in a conspicuous location at the field office of the project site clearly visible to the public and shall be adequately framed or otherwise protected against damage and at the barangay bulletin board of the host barangay(s) within thirty (30) days from receipt of the ECC;
14. That any authorized DENR-EMB personnel, with proper identification card and travel/mission order, shall be allowed unconditional access to conduct an on-the-spot inspection and monitoring to the project without the need for prior notice to the proponent to oversee compliance to the ECC.



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## II. RESTRICTIONS

1. That no other activities should be undertaken other than what was stipulated in the IEEC Report. Should there be an expansion of the project beyond the project description, construction of other structures beyond those stated in the IEEC Report; or any change in the activity or location, shall be made subject to a new Environmental Impact Assessment (EIA) requirements;
2. That all appropriate construction, operational and resource-use permits/clearances from other national and local government agencies concerned (i.e. PMRB, PNP, LGUs, DPWH, DOH, NWRB, HLURB, MGB, DA, DAR, DOLE, DTI, etc.) shall be secured pertaining to the implementation of the project. Likewise, the proponent shall notify this Office of the reckoning date of project operation;
3. That in case of transfer of ownership/management of this project, these same conditions and restrictions shall apply and the transferee shall be required to notify this office within fifteen **(15)** days as regards to the transfer of ownership/management;
4. That a limit of extraction shall not exceed one (1) meter equivalent to **46, 602 m<sup>3</sup>**, following the slope/gradient and strictly within the approved quarry site. Monthly report of extraction shall be submitted to this office;
5. That the proponent shall plant an equivalent area of the project with appropriate tree species and shall coordinate with PENRO/CENRO concerned for area identification within thirty **(30)** days prior to project implementation in line with the DENR's thrust for GHG emissions reduction programs and National Greening Program (NGP) and status of compliance shall be included in the semi-annual submission of CMR;
6. That the proponent (**RAFAEL M. LUMALANG**) shall be accountable for any misrepresentation and failure to state material information in the submitted documents.

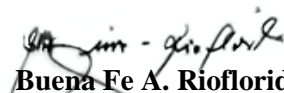


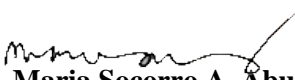
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PROJECT ASSESSMENT PLANNING TOOL

For the assistance of the Proponent and the 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, and by way of recommendation, forwarding these recommendations to the parties and authorities concerned for appropriate action.

Regulatory Conditions	
1. The proponent shall comply with, but not limited to the following:  1.1 P.D. 856 or the Sanitation Code of the Philippines; 1.2 P.D. 442 or the Labor Code of the Philippines including occupational health and safety; 1.3 R.A. 6541 or the National Building Code of the Philippines including adequate storm drainage system and other flood control measures and compliance to the Fire Safety and Emergency Preparedness; 1.4 P.D. 705 & DAO 97-05; 1.5 R.A. 7942 or the Philippine Mining Act of 1995	DOH  DOLE-Bureau of Working Conditions Municipal Planning & Dev't. Office/Building Official/BFP/LGU Concerned  DENR Sector concerned MGB/LGU Concerned
Environmental Planning Recommendations for the Proponent	
2. Close monitoring of the project should be undertaken by the proponent to maintain a high level of safety and efficiency at all phases of the project and to immediately address any environmental hazard that may take place.	Proponent

  
**Buena Fe A. Rioflorido**  
Chief, Clearance & Permitting Division

  
**Maria Socorro A. Abu**  
OIC-Regional Director



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