



Republic of the Philippines
Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
MIMAROPA Region
6th Floor, 1515 DENR by the Bay Bldg., Roxas Blvd., Ermita, Manila
Telefax No. (02) 400-5960 / (02) 536-9786
mimaropa@emb.gov.ph and emb_mimaropa@yahoo.com
Visit us at <http://www.mimaropa.emb.gov.ph>

December 27, 2016

ECC-OL-R4B-2016-0109

MR. JONATHAN KARL P. MELGAR

Brgy. 9, Mamburao, Occidental Mindoro

Subject: **ENVIRONMENTAL COMPLIANCE CERTIFICATE**

Dear Mr. Melgar;

This refers to the **Environmental Compliance Certificate (ECC)** application for the proposed **Sand and Gravel Extraction Project** to be located at **Brgy. Mananao, Paluan, Occidental Mindoro**.

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. You may proceed with the project implementation after securing all the necessary permits from other pertinent Government agencies. This Office will be monitoring the project periodically to ensure your compliance with stipulations cited in the attached ECC.

Please be guided accordingly.

Engr. Maria Socorro A. Abu
OIC, Regional Director



Republic of the Philippines
Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
MIMAROPA Region
6th Floor, 1515 DENR by the Bay Bldg., Roxas Blvd., Ermita, Manila
Telefax No. (02) 400-5960/ (02) 536-9786
mimaropa@emb.gov.ph and emb_mimaropa@yahoo.com
Visit us at <http://www.mimaropa.emb.gov.ph>

ENVIRONMENTAL COMPLIANCE CERTIFICATE
(Issued under Presidential Decree No. 1586)
ECC-OL-R4B-2016-0109

THIS IS TO CERTIFY THAT THE PROPONENT, **Mr. Jonathan Karl P. Melgar**, is granted this **Environmental Compliance Certificate (ECC)**, for the proposed **Sand and Gravel Extraction Project** located in **Brgy. Mananao, Paluan, Occidental Mindoro**, 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 25,700.00 square meters, located at **Mananao, Paluan, Occidental Mindoro** specifically described as follows:

Tie Line: S. 41° 45' W., 1024.95 M MRW-5069 MANANAO, PALUAN, OCC. MINDORO

Line	Bearing	Distance	Line	Bearing	Distance
1-2	N. 25°21' W.	234.20 M.	6-7	S. 14°59' E.	71.03 M.
2-3	N. 10°16' W.	242.56 M.	7-8	S. 04°49' E.	200.72 M.
3-4	N. 34°50' W.	146.66 M.	8-9	S. 25°56' E.	288.41 M.
4-5	N. 56°47' E.	61.51 M.	9-10	S. 83°08' W.	30.00 M.
5-6	S. 28°25' E.	147.05 M.	10-1	N. 23°15' E.	72.49 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)**.

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-MIMAROPA, 1515 DENR by the Bay Building, Roxas Boulevard, Ermita, Manila this December 27, 2016.

Recommending Approval:

Engr. Buena Fe A. Rioflorido
OIC-Chief, Clearance & Permitting Division

Approved:

Engr. Maria Socorro A. Abu
OIC, Regional Director



Environmental Compliance Certificate
Sand and Gravel Extraction Project
Brgy. Mananao Paluan, Mindoro Occidental
Jonathan Karl P. Melgar

SWORN ACCOUNTABILITY STATEMENT

I, Mr. Jonathan Karl P. Melgar, with office address located in Brgy. 9, Mamburao, Occidental Mindoro takes full responsibility in complying with all conditions in this Environmental Compliance Certificate (ECC).

Mr. Jonathan Karl P. Melgar
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. Mananao Paluan, Mindoro Occidental
Jonathan Karl P. Melgar

I. CONDITIONS

ENVIRONMENTAL MANAGEMENT

All commitments, mitigating measures and monitoring requirements, contained in the Initial Environmental Examination Checklist Report for the proposed (Sand and Gravel Extraction Project), 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 establish a reforestation and carbon sink program using endemic/indigenous species to mitigate greenhouse gas (GHG) emissions of the project in line with the DENR's thrust for GHG emissions reduction programs and National Greening Program. The program shall be submitted to EMB-4B (MIMAROPA Region) six (6) months prior to the project implementation;
3. That 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. The program shall be submitted to EMB-4B (MIMAROPA Region) on an annual basis;
4. 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;
5. That the proponent shall strictly manage all external, 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;
6. 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;
7. 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.
8. That the quarry site, with respect to the survey plan submitted, shall be **delineated with visible permanent markers**.



Environmental Compliance Certificate
Sand and Gravel Extraction Project
Brgy. Mananao Paluan, Mindoro Occidental
Jonathan Karl P. Melgar

GENERAL CONDITIONS

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

9. 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;
10. Creation of an Environmental Unit (EU) within sixty (60) days from issuance of this Certificate that 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:
 - 10.1. Monitor actual project impacts vis-à-vis the predicted impacts and management measures in the Generic IEE Checklist Report;
 - 10.2. Recommend revisions to the EMP/EMoP, whenever necessary subject to the approval of EMB-4B (MIMAROPA Region);
 - 10.3. 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;
 - 10.4. Ensure that monitoring and submissions of reports to EMB-4B (MIMAROPA Region) are carried out as required;
 - 10.5. 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;
 - 10.6. Submit a quarterly monitoring report using the prescribed format of the Self-Monitoring Report (SMR) pursuant to DAO 2003-27;
 - 10.7. 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.;
11. 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;
12. 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;
13. That a billboard containing this message: **“Notice to the Public, THIS COMMERCIAL SAND AND GRAVEL EXTRACTION PROJECT of JONATHAN KARL P. MELGAR has been issued an Environmental Compliance Certificate (ECC-OL-R4B-2016-0109) by the Department of Environment and Natural Resources – Environmental Management Bureau MIMAROPA Region on December 27, 2016.”** 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;



Environmental Compliance Certificate
Sand and Gravel Extraction Project
Brgy. Mananao Paluan, Mindoro Occidental
Jonathan Karl P. Melgar

14. 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;
15. 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.

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 the project ***be subjected to another EIA requirement if the Quarry Permit was not renewed*** with concerned government agency and if under new management/ownership. In case of ***transfer of ownership/ management of this project to heirs of the proponent, this restriction shall not be applied.*** But the transferee/heirs 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 **25,700.00 m³**, 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. And status of compliance shall be included in the semi-annual submission of CMR;
6. That the proponent (**JONATHAN KARL P. MELGAR**) shall be accountable for any misrepresentation and failure to state material information in the submitted documents.

The conditions stipulated in this Certificate shall be deemed final within fifteen (15) days from receipt hereof and all conditions and restrictions set forth above shall be complied with by the herein grantee. This ECC is deemed expired if not implemented within five (5) years from the date of issuance and the proponent shall have to apply for a new ECC if it intends to pursue the project.

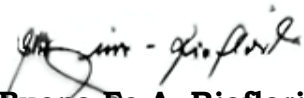


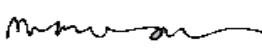
Environmental Compliance Certificate
Sand and Gravel Extraction Project
Brgy. Mananao Paluan, Mindoro Occidental
Jonathan Karl P. Melgar

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	
<div>1. The proponent shall comply with, but not limited to the following: 1.1P.D. 856 or the Sanitation Code of the Philippines; 1.2P.D. 442 or the Labor Code of the Philippines including occupational health and safety; 1.3R.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; 1.4P.D. 705 & DAO 97-05; 1.5DENR Administrative Order No. 2000-28, Implementing Guidelines on Engineering Geological and Geo-Hazard Assessment.</div>	<div>DOH DOLE-Bureau of Working Conditions Municipal Planning & Dev't. Office/Building Official/BFP/LGU Concerned DENR Sector concerned MGB R4B</div>
Environmental Planning Recommendations for the Proponent	
<div>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.</div>	<div>Proponent</div>


Engr. Buena Fe A. Rioflorido
OIC - Chief, Clearance & Permitting Division


Engr. Maria Socorro A. Abu
OIC, Regional Director

