



Republic of the Philippines
Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
DENR Compound, Visayas Avenue, Diliman Quezon City 1116
Telephone Nos.: (632)927-15-17, 928-37-25; Fax No.: (632) 920-22-58
Website: <http://www.emb.gov.ph> / Email: mail@emb.gov.ph

ECC-CO-1601-0003

Honorable Antonino G. Calixto
City Mayor
PASAY CITY GOVERNMENT
F.B. Harrison St., Pasay City

SUBJECT: ENVIRONMENTAL COMPLIANCE CERTIFICATE

Dear **Sir**:

This refers to your submitted Environmental Impact Statement (EIS) in connection with your Environmental Compliance Certificate (ECC) application for your proposed **360-hectare Reclamation Project** located along the coast of Manila Bay, City of Pasay.

After satisfying the requirements in the said application and upon recommendation of the Environmental Management Bureau (EMB), this Department has decided to grant an ECC to the above-mentioned project.

With the issuance of the ECC, you are expected to fully implement the measures presented in the EIS 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 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.

Very truly yours,

By the Authority of the Secretary:

ENGR. METADIO U. TUGELLA
Director



Cc: EMB Regional Office - NCR
Philippine Reclamation Authority (PRA)
DENR - NCR
National Museum - Cultural Properties Division
NHCP - Historical Preservation Division
DOH

Philippine Navy
Philippine Coast Guard
DA - BFAR
DPPWH
DOLE
MGB Central Office

Protect the environment... Protect life...



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ENVIRONMENTAL COMPLIANCE CERTIFICATE
(Issued pursuant to Presidential Decree No. 1586 and its IRR)
ECC-CO-1601-0003

THIS IS TO CERTIFY THAT THE PROPONENT, *Pasay City Government* as represented by its City Mayor, **Honorable Antonino G. Calixto**, is granted this Environmental Compliance Certificate (ECC) for the **Reclamation Project** located along the Coast of Manila Bay, City of Pasay 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 documents labeled as Annexes A and B.

This Certificate is issued with the following detail:

PROJECT DESCRIPTION

The project shall cover the **reclamation and horizontal land development of three hundred sixty (360) hectares** along the Coast of Manila Bay, City of Pasay. The project is bounded by the coordinates as listed in its Environmental Impact Statement (EIS).

The proposed project will include construction of major/primary internal access roads and bridges, and support facilities such as drainage systems, electricity, water supply and pollution abatement facilities involving wastewater treatment systems.

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 shall be a sufficient cause for its cancellation and/or imposition of a fine in an amount not to exceed Fifty Thousand Pesos (PhP 50,000.00) for every violation thereof. The Department, however, is not precluded from reevaluating, adding, removing, and correcting any deficiencies or errors that may be found after issuance of this Certificate.

Issued at DENR, Quezon City, Philippines, this _____.

ENGR. METODIO U. TURBELL
Director



SENRO52668

STATEMENT OF ACCOUNTABILITY

I, **Honorable Antonino G. Calixto**, Mayor of Pasay City Government and proponent of this 360-hectare Reclamation Project located along the Coast of Manila Bay, City of Pasay take full responsibility in complying with all conditions contained in this Environmental Compliance Certificate (ECC).

Signature

TIN _____

Subscribed and sworn to before me in this 25 OCT 2017, the above-named affiant taking oath presenting his _____ No. _____ issued on _____ at _____.

DOC. NO. 285
PAGE NO. 56
BOOK NO. 87
SERIES OF 2017

ATTY. VINALYN M. POTOT-BALURAN
Signature of Administering Officer
Until December 31, 2018
PTR No. 5383554, 1/03/17, Pasay City
BP O.R. No. 1053328, 12/06/16, Biliran Chapter
Commission No. 17-08, 1/24/17, Pasay City
Attorney's Roll No. 54543
MCLE Compliance No. V-0021504, 5/13/16



I. CONDITIONS**ENVIRONMENTAL MANAGEMENT**

All commitments, mitigating measures and monitoring requirements, especially those contained in the Environmental Impact Statement (EIS), particularly in the Environmental Management and Monitoring Plans (EMMoPs) as approved by the EMB, shall be instituted to minimize any adverse impact to the environment throughout the project implementation including among others the following, *to wit*:

1. Submission of a Coastal Ecosystem Management Plan/Program and Environmental Management Plan (EMP) consistent with; (a) DENR Manila Bay Coastal Strategy and its Operational Plan, (b) Continuing Supreme Court Mandamus on Manila Bay, (c) PRA laws and policies, (d) PRA Boulevard 2000 Integrated Framework Plan, and (e) the City of Manila and Pasay related rules and regulations one hundred twenty (120) days prior to project implementation;
2. Undertake an effective and continuing Information, Education and Communication (IEC) Program to inform and educate all stakeholders, especially its local residents, employees of commercial and government establishments within the site and vicinity, on the project's mitigating measures embodied in its EIS and the conditions stipulated in this Certificate;
3. Provide a detailed Social Development Program (SDP) based on the framework submitted in the EIS and shall be submitted sixty (60) days from receipt of this Certificate;
4. Conduct a more detailed geotechnical marine soil investigation and seismic risk analysis to be consider in the final engineering design for submission to EMB Central Office before any horizontal development activity;

GENERAL CONDITIONS

5. Proper storm drainage system, concrete culverts, and other flood and erosion control measures shall be provided during the construction phase to adequately protect the receiving water body from siltation, physico-chemical/marine pollution and further protect the surrounding communities from environmental degradation;
6. Adequate land area shall be allotted for the construction of a centralized sewage treatment facility to be able to treat all the wastewater that will be generated by the locators prior to discharge;
7. Submit a reforestation and carbon sink program using endemic/indigenous species to mitigate greenhouse gas (GHG) emissions in line with the DENR's thrust on GHG emission reduction programs. The program's status of implementation shall be submitted to EMB Central Office every six (6) months as part of its compliance monitoring report;
8. Submit a detailed Master Plan to cover the entire reclamation projects one (1) year prior to project construction;



9. The proponent shall set up the following:

- 9.1 A readily available Environmental Guarantee Fund (EGF) which can be replenished anytime to cover the following:
- a) expenses for further environmental assessments;
 - b) compensation, indemnification for whatever damages to life and property that may be caused by the project; and
 - c) rehabilitation and/or restoration of areas affected by the project's implementation.
- 9.2 A Multi-partite Monitoring Team (MMT) composed of representative(s) from the proponent, local environmental Non-Government Organization (NGO) concerned, the Manila Bay Coordinating Office, PAGASA, DPWH and other concerned government agencies shall be organized consistent with DAO 2003-30. The MMT shall primarily oversee and report to EMB Central Office full compliance of proponent with the EMP/EMoP, other commitments, as well as mitigation measures that are contained in the EIS documents and conditions herein enumerated; and
- 9.3 A replenishable Environmental Monitoring Fund (EMF) to cover all costs attendant to the operation and monitoring activities of the MMT including but not limited to capability building, training, actual sampling and laboratory analysis. Said provisions must be consistent with the DAO 2003-30.

The amount and mechanics of the EGF, EMF, and the establishment of the MMT shall be determined by EMB Central Office and the proponent in consultation with EMB Regional Office, through an integrated Memorandum of Agreement (MOA) which shall be submitted to the EMB Central Office for approval within ninety (90) days upon receipt hereof;

10. An Environmental Unit (EU) shall be established to completely handle the environment related aspects of the project in addition to the monitoring requirements as specified in the Environmental Management Plan (EMP)/Environmental Monitoring Plan (EMoP). The EU shall:

- 10.1 Monitor actual project impacts vis-à-vis the predicted impacts and management measures in the EIS;
- 10.2 Ensure that monitoring and submission of reports to EMB (Central Office and NCR) are carried out as required;
- 10.3 Submit a Decommissioning Plan one (1) year prior to completion of reclamation activity. It shall include rehabilitation and clean-up measures;
- 10.4 Submit the geographical coordinates of the actual area approved by PRA to be reclaimed prior to project construction; and
- 10.5 Conduct a continuing consultation with the stakeholders in updating EMP and EMoP that shall include necessary baseline data, geohazard and disaster risk reduction and management and ground settlement monitoring of the reclaimed area.



11. Ensure that its contractors and subcontractors properly comply with the relevant conditions of this Certificate including those regulations covering the entire activity of the project;

II. RESTRICTIONS

12. The proponent shall notify the EMB Central Office the location and source of filling materials;
13. The proponent shall use filling materials from legal suppliers/suppliers that secure necessary government permits;
14. No activity shall be undertaken unless the following documents are submitted to this Office within one hundred twenty (120) days prior to project implementation;
 - a. Clearance/notice to proceed (NTP) duly issued by the Philippine Reclamation Authority (PRA);
 - b. Area Clearance issued by the DENR; and
 - c. Approval from the National Economic and Development Authority in accordance with Executive Order No.146 and the Implementing Rules and Regulation thereof.
15. No other activities shall be undertaken other than what was stipulated in the EIS document. Expansion of the project/construction of other structures or any change in the activity beyond those stated in the EIS shall be subject to a new Environmental Impact Assessment; and
16. Transfer of Ownership of this project carries these same conditions and restrictions for which written notification must be made by herein grantee to EMB within fifteen (15) days from such transfer.

O.R. No. : 6694949
Date : 10 December 2015
Processing Fee : P 6,060.00

ENVIRONMENTAL COMPLIANCE CERTIFICATE
360-hectare Reclamation Project
Pasay City Government
Along the Coast of Manila Bay, City of Pasay



Annex B**PROJECT ASSESSMENT PLANNING TOOL**

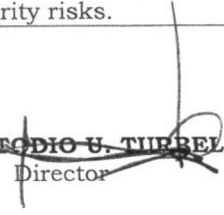
For the assistance of the Proponent and Government agencies concerned in the management of the project and for better coordination in mitigation of the impact of the project on its surrounding areas and to the environment. The EMB recommends the following to the parties and authorities concerned for proper appreciation and action.

OTHER REGULATORY REQUIREMENTS	RESPONSIBLE AGENCY
1. Proponent needs to comply with: a. Sanitation Code of the Philippines b. Labor Code of the Philippines including occupational health and safety standards. c. Building Structures, Drainage and Flood Control System, Reclamation practices in accordance with the Building Code of the Philippines d. Coastal/Marine community development program (if any)	DOH DOLE, BWC LGU- CPDO, DPWH, PRA DA-BFAR
2. Solid Waste Management System need to be in placed in coordination with LGU;	LGU
3. The proponent shall coordinate prior to the initial stage of project implementation on the assessment of the presence of artifacts following the rules and protocols of the concerned agencies, i.e. National Museum – Cultural Properties Division, National Historical Commission of the Philippines (NHCP) – Historic Preservation Division and Philippine Navy for artifacts and bombs.	National Museum - CPD NHCP - HPD Philippine Navy
4. The proponent shall secure approval of its project Oil Spill Contingency Plan (OSCP) from the Philippine Coast Guard (PCG) before project implementation, and shall ensure that all vessels the project will use will secure government permits.	PCG Manila & Pasay LGUs
5. Submission of Engineering Geological and Geohazard Assessment Report	MGB
ENVIRONMENTAL PLANNING RECOMMENDATIONS FOR THE PROPONENT	
6. Proponent needs to give priority employment to qualified residents of the affected communities. Adequate public information for jobs available to local residents in the affected areas needs to be provided.	
7. Proponent needs to design and construct access roads and bridges of the project site with minimal land and ecological disturbance and with adequate drainage. Proponent needs to implement a Roadway Maintenance and Transport Management Plan, which will include maintenance of public and private roads within the project site.	
8. The Proponent needs to address environmental risks, and come up with contingency measures in case of accidents, equipment malfunctions, machine failures, oil spills, and other emergencies including security risks.	


ATTY. MICHAEL DRAKE P. MATIAS
Chief, EIAM Division

300-hectare Reclamation Project
Pasay City Government
Along the Coast of Manila Bay, City of Pasay




ENGR. METODIOS U. TURBELLA
Director