



APR 28 2015

ECC-CO-1503-0013

Hon. Joseph Emilio A. Abaya

Secretary

**DEPARTMENT OF TRANSPORTATION
AND COMMUNICATIONS (DOTC)**

The Columbia Tower, Ortigas Avenue
Brgy. Wack-wack, Mandaluyong City

SUBJECT: **ENVIRONMENTAL COMPLIANCE CERTIFICATE**

Dear Hon. Abaya:

This refers to your application for an Environmental Compliance Certificate (ECC) and the submitted Environmental Performance Report and Management Plan (EPRMP) for your proposed **NORTH SOUTH COMMUTER RAIL (NSCR) PROJECT** with alignment from **Malolos to Tutuban**.

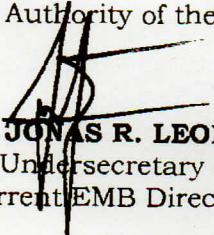
After satisfying the requirements and upon recommendation of the Environmental Management Bureau (EMB), this Department has decided to grant an ECC for the above-mentioned project.

With the issuance of this ECC, you are expected to implement the measures presented in the EPRMP intended to protect and mitigate the project's adverse impacts on community health, welfare and the environment. You may proceed with project implementation only after securing the necessary permits from other pertinent Government Agencies. Environmental considerations shall be incorporated in all phases and aspects of the Project. This Office shall be monitoring the project periodically to ensure your compliance with stipulations cited in the attached ECC.

Please be guided accordingly.

Very truly yours,

By the Authority of the Secretary:


ATTY. JONAS R. LEONES
DENR Undersecretary and
Concurrent EMB Director

cc: EMB Regional Office No. III
EMB Regional Office No. NCR
LGU - Provincial Government of Bulacan
LGU - City of Malolos
LGU - Municipality of Guiguinto
LGU - Municipality of Balagtas
LGU - Municipality of Bocaue
LGU - Municipality of Marilao
LGU - City of Meycauayan
LGU - City of Valenzuela
LGU - City of Caloocan
LGU - City of Manila

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES



SENR039572



ENVIRONMENTAL COMPLIANCE CERTIFICATE

(Issued under Presidential Decree No. 1586)

ECC-CO-1503-0013

THIS IS TO CERTIFY THAT THE PROPONENT, **DEPARTMENT OF TRANSPORTATION AND COMMUNICATIONS (DOTC)**, as represented by its Secretary, **Hon. Joseph Emilio A. Abaya**, is granted this Environmental Compliance Certificate (ECC), for its proposed **NORTH SOUTH COMMUTER RAIL (NSCR) PROJECT (Malolos to Tutuban)** 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. This Certificate supersedes ECC-CO-0706-014-7110 issued on 18 December 2007. Likewise, the Malolos to Valenzuela segment covered by ECC-CO-9907-036-120D issued on 14 November 2002 is hereby lifted to be included therein.

PROJECT DESCRIPTION

This Certificate is valid for the construction and operation of North South Commuter Railway (NSCR) Project covering a total of 37.9-kilometer from Malolos City to Tutuban, Manila.

The NSCR alignment passes through Malolos City, to the 4 Municipalities of Bulacan Province (Guiguinto, Balagtas, Bocaue, and Marilao), to Meycauayan City, to the 3 cities of Metro Manila (Valenzuela, Caloocan and Manila) which includes ten (10) elevated stations throughout the section and maintenance depot area in Valenzuela City. The maintenance depot area is 13.822 hectares which will house the main workshop, stabling yard, and the operations control center.

This Certificate is issued in compliance with the requirements of Presidential Decree No. 1586, in accordance with 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 (₱50,000.00) for every violation thereof, which shall be 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 DENR, Quezon City, Philippines, this APR 28 2015.

Recommending Approval:

Approved by the Authority of the Secretary:

ATTY. MICHAEL DRAKE P. MATIAS
OIC-Chief, EIAM Division

ATTY. JONAS R. LEONES
DENR Undersecretary and
concurrent EMB Director



I. CONDITIONS**ENVIRONMENTAL MANAGEMENT**

All commitments, appropriate mitigating/enhancement measures and monitoring requirements contained in the EPRMP, particularly in the Environmental Management Plan (EMP) and Environmental Monitoring Plan (EMoP), 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 the following:

1. Implement a Waste Management Program for proper handling, collection and disposal of solid, hazardous and liquid wastes;
2. Implement a dust control system at the construction site to suppress suspended particulate matters generated by the construction activities;
3. Construction and installation of drainage structures such as ditches, culverts and pipe drains to divert surface and run-off water;
4. Ensure that all existing waterways are maintained and not obstructed;
5. Restoration of the cross drain (Kantarilla waterway) to its original course and capacity to mitigate the flooding caused by backfilling;
6. Implement Social Development Program including priority employment for local residents within the direct impact areas;
7. Implement a reforestation and climate change adaptation program in line with the DENR's thrust for GHG emission reduction program. The program shall be submitted to EMB sixty (60) days prior to the project implementation;
8. Conduct a detailed Traffic Impact Assessment (TIA) in coordination with the Metro Manila Development Authority (MMDA)/concerned LGU and submit report to EMB Central Office for approval within sixty (60) days prior to project implementation. Approved copy of TIA shall be furnished to EMB Central Office within thirty (30) days from its approval;

GENERAL CONDITIONS

9. The project operations shall conform with the provisions of R.A. No. 6969 (Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990), R.A. No. 8749 (Philippine Clean Air Act of 1999), R.A. No. 9003 (Ecological Solid Waste Management Program Act of 2000), and R.A. No. 9275 (Philippine Clean Water Act of 2004);
10. The Proponent shall set-up the following:
 - a) A readily available and replenishable Environmental Guarantee Fund (EGF) to cover the following expenses for further environmental assessments; compensation/indemnification for

whatever damages to life and property that may be caused by the project; rehabilitation and/or restoration of areas affected by the project's implementation;

- b) A Multi-partite Monitoring Team (MMT) composed of representative(s) from the proponent, EMB Regional Offices, Non-Government Organizations (NGOs), concerned LGUs and government agencies shall be organized; or may opt to secure the services of a third party auditor as prescribed in the Revised Procedural Manual for DAO 2003-30.

In the event that a third party auditor has been selected, the proponent shall submit to this Office an Audit/Monitoring Plan consequently an Audit Report shall likewise be submitted. However, in case MMT is chosen for purposes of monitoring, the proponent shall set-up an Environmental Monitoring Fund (EMF) to cover all costs associated to the operation of the MMT.

The above shall be establish through an integrated Memorandum of Agreement (MOA). The amount and mechanics of the abovementioned funds shall be determined by this Office and the proponent in coordination with concerned EMB Regional Offices (NCR and III) which shall be submitted EMB CO within sixty (60) days upon receipt of this Certificate;

11. Establishment of an Environmental Unit (EU) to effectively handle, implement, and manage all environmental related aspects of the project. Proof of establishment of the EU shall be submitted to EMB. The EU shall also have the responsibility of monitoring actual project impacts vis-à-vis the predicted impacts on human/social and physical environment and environmental management measures in the EPRMP;
12. The proponent shall require all its contractors to prepare and submit an Contractor Environmental Management and Monitoring Plan (CEMMAP) to ensure their compliance with the environmental safeguards, health and safety measures in all the phases of project implementation;
13. Ensure that all relevant conditions of this Certificate are properly complied with by its commissioned contractors/sub-contractors during all project phases;

II. RESTRICTIONS

14. No other activities should be undertaken other than what were stipulated in the EPRMP document. Expansion of the project/construction of other structures or any change in the activity beyond those stated in the EIA document shall be subject to new Environmental Impact Assessment requirements, and
15. In case of transfer of ownership of this project, these same conditions and restrictions shall apply and the transferee shall be required to notify the EMB within fifteen (15) days from the transfer of ownership.

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, the following have been recommended by the EIA Review Committee to the parties and authorities concerned for appropriate action.

RECOMMENDATIONS TO CONCERNED GOVERNMENT AGENCIES	RESPONSIBLE AGENCY
1. The Proponent needs to comply with: <ul style="list-style-type: none"> ▪ Sanitation Code of the Phils. ▪ Labor Code of the Phils. including Occupational Health and Safety Standards for all activities and provide personal protective equipment for the workers. ▪ Building Code of the Phils. 	DOH DOLE-BWC LGU
2. Compliance with FMB-DENR Tree Cutting Permit Requirements (if any)	FMB
3. Secure clearance/endorsement (if necessary) in relation to the preservation of Historical Structures within the NSCR alignment.	National Historical Commission of the Philippines
ENVIRONMENTAL PLANNING RECOMMENDATIONS FOR THE PROPONENT	
4. Implement an employment prioritization scheme for hiring of qualified local residents within the affected areas in coordination the concerned LGU.	
5. Design and undertake an effective continuing Information, Education and Communication (IEC) Program throughout the pre-construction, construction and operational phases of the project especially on the Traffic Management Plan to be implemented.	
6. First aid facilities and services for staff and employees need to be made available on-site during construction and operation of the project.	

ATTY. MICHAEL DRAKE P. MATIAS
 OIC-Chief, EIAM Division

ATTY. JONAS R. LEONES
 DENR Undersecretary and
 Concurrent EMB Director

OR Number : 6693423
 Amount : 6,010.00
 Date : 3/6/15

