Atty. Timothy John R. Batan
Undersecretary for Railways
DEPARTMENT OF TRANSPORTATION (DOTr)
Pinatubo Street corner S. Osmeña Road
Clark Freeport, Mabalacat, Pampanga

SUBJECT: ENVIRONMENTAL COMPLIANCE CERTIFICATE

Dear Sir:

This refers to the Environmental Compliance Certificate (ECC) application for the proposed North-South Railway Project – South Line (Commuter) to be located in Cities of Manila, Makati, Taguig, Parañaque, Muntinlupa, San Pedro, Biñan, Sta. Rosa, Cabuyao and Calamba.

After satisfying the requirements in the said application and upon recommendation of the Environmental Impact Assessment Review Committee, the Department through the Environmental Management Bureau (EMB), has decided to issue the ECC for the above-mentioned Project.

With the issuance of the ECC, you are expected to fully implement the measures presented in the Environmental Impact Statement (EIS) and the Environmental Management and Monitoring Plan (EMMoP) 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 and 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. METODIO U. TURBINA
Director

cc: LGU –City of Manila
LGU –Taguig City
LGU –Cavite City
LGU –Muntinlupa City
LGU –Parañaque City
LGU –Calamba, Laguna
LGU –Malabon City
LGU –San Pedro, Laguna
LGU –Biñan, Laguna
LGU –Sta. Rosa, Laguna
DOLE
PHIVOLCS
DMWH
MMDA

Protect the environment... Protect life...
Republic of the Philippines  
Department of Environment and Natural Resources  
ENVIRONMENTAL MANAGEMENT BUREAU  
DENR Compound, Visayas Avenue, Diliman Quezon City 1116  
Telephone Nos.: (632) 927-1517, 926-3725; Fax No.: (632) 920-2258  
Website: http://www.emb.gov.ph

ENVIRONMENTAL COMPLIANCE CERTIFICATE  
(issued under Presidential Decree No. 1586)

ECC-CO-1807-0018

This is to certify that the proponent, Department of Transportation (DOTr), as represented by its Undersecretary for Railways, Atty. Timothy John R. Batan, is granted this Environmental Compliance Certificate (ECC) for the proposed North-South Railway Project – South Line (Commuter) to be located in the Cities of Manila, Makati, Taguig, Parañaque, Muntinlupa, San Pedro, Biñan, Sta. Rosa, Cabuyao and Calamba 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.

PROJECT DESCRIPTION

This ECC shall cover the construction and operation of the 56.5 km railway project traversing the following cities:

- Manila
- Makati, Metro Manila
- Taguig, Metro Manila
- Parañaque, Metro Manila
- Muntinlupa, Metro Manila
- San Pedro, Laguna
- Biñan, Laguna
- Sta. Rosa, Laguna
- Cabuyao, Laguna
- Calamba, Laguna

The project shall have the following components:

**Major Components**

- 56.5 km Main Railway Line
- Twenty (20) Stations
- Maintenance Depot (Banlic, Calamba)
- Electrical & Mechanical System
- Rolling Stock

**Support Facilities**

- Substation Facilities
- Drainage Facilities
- Administration and Operation Center
- Training Center
- Maintenance Facilities
- Construction Yard
- Power Supply (MERALCO)

**Pollution Control Devices**

- Sewage Treatment Plant/3-Chamber Septic Tanks per commuter station, provision of muffler for gen set.
This Certificate is issued in compliance with the requirements of Presidential Decree No. 1586, and the implementing rules and regulations thereof. Non-compliance with any of the provisions of this Certificate shall be a sufficient cause for its cancellation and/or imposition of a fine in an amount not to exceed Fifty Thousand Pesos (₱50,000.00) for every violation and shall be without prejudice to imposition of fines and penalties under other environmental laws, rules and regulations. The EMB, however, is not precluded from reevaluating, and correcting any deficiencies or errors that may be found after the issuance hereof this Certificate.

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

Recommending approval:

ATTY. MICHAEL BRAKE P. MATIAS
Chief, EIAM Division

By the Authority of the Secretary:

ENGR. METEO C. TEJADA
Director

---

Environmental Compliance Certificate
North-South Railway Project - South Line (Commuter)
Department of Transportation
STATEMENT OF ACCOUNTABILITY

I, Timothy John R. Batan, Undersecretary for Railways, representing Department of Transportation with office address located at Pinatubo Street corner S. Osmeña Road, Clark Freeport Zone, Mabalacat City, Pampanga, take full responsibility in complying with all conditions in this Environmental Compliance Certificate (ECC).

[Signature]

Subscribed and sworn to before me this ___ day of ______, 2018, the above-named affiant taking oath presenting FTR ID issued on __________ at Pasig City.

[Signature]

Notary Public

atty. John Edward Trinidad Ang
Notary Public for Manila - UNTIL 12/31/2019
Notarial Commission No. 2018-117
470 San Fernando St., Sinondo Manila
IBP No. 029311/ Jan 24, 2018-PASIG CITY
PTR. No. 7002539 / Jan 3, 2018- MANILA
ROLL No. 68754/MCLE EXEMPT, ADMITTED MAY 2017

EMB-ELANDD CENTRAL OFFICE
CERTIFIED TRUE COPY
AUG 20 2018

DATE

Gemini Candelario
EMS II

Environmental Compliance Certificate
North-South Railway Project – South Line (Commuter) Department of Transportation
I. CONDITIONS

ENVIRONMENTAL MANAGEMENT

All commitments, mitigating measures and monitoring requirements, contained in the approved Environmental Impact Statement (EIS) particularly in the Environmental Management and Monitoring Plan (EMMoP) shall be instituted to minimize any adverse impact of the project to the environment throughout its implementation, including the following:

1. Conduct an effective and continuing Information, Education and Communication (IEC) Program through the use of most effective media to inform and educate all stakeholders, especially the contractors, workers, LGUs, businesses and local residents about the following:
   a. Project impacts and mitigating measures embodied in its EIS;
   b. Conditions stipulated in this Certificate;
   c. Environmental and human safety features of the project, and
   d. Health consciousness alerts for any project-induced discomfort (from dust, smell, noise, vibration) as the project progresses throughout the whole route.

2. Implement a comprehensive Social Development Program (SDP) and submit a separate report together with the Compliance Monitoring Report (CMR) to the EMB Central Office using CMR Online on a semi-annual basis pursuant to EMB MC 2016-01;

3. Submit detailed waste management program for proper handling, collection and disposal of solid, hazardous and liquid waste to EMB Central Office (CO), EMB National Capital Region (NCR) and EMB Region IVA within six (6) months prior to project construction. Proof of implementation shall be submitted together with the CMR;

4. Ensure that all the existing waterways affected by the proposed project construction are maintained and not obstructed;

5. Submit a detailed construction environmental management program, including mobilization and demobilization plans, for the construction yards one (1) month prior to project implementation. The plan should include the coordination with concerned local government units to promote compatibility of adjoining land uses with the intended project stations including its exit and entrance.

6. Submit a detailed plan for earth balling and replanting of mature native/endemic trees within three (3) months prior to project construction. The plan should include the following:
   a. specific recipient sites which have already been prepared and conditioned;
   b. ensure high degree of survival; and
   c. provision for regular maintenance until trees have re-conditioned to their new environment.
7. Implement a greening 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. Submit an approved Resettlement Action Plan (RAP) of the affected communities within six (6) months prior to project construction;

9. Conduct a detailed Traffic Impact Assessment (TIA) in coordination with the Metro Manila Development Authority (MMDA) and concerned LGU for every proposed station prior to project construction integrating proposed road expansion projects (if any) of the concerned government agencies. Transport of heavy structures shall be scheduled during the period that may not cause traffic in the area.

**GENERAL CONDITIONS**

10. The proponent shall set-up the following:

10.1 A readily available and replenishable Environmental Guarantee Fund (EGF) to cover the following expenses:

   a. for further environmental assessments, compensations/indemnification for whatever damages to life and property that may be caused by the project;
   b. rehabilitation and/or restoration of areas affected by the project’s implementation; and
   c. abandonment/ decommissioning of the project facilities related to the prevention of possible negative impacts; and as a source of fund for contingency and clean-up activities.

10.2 Establish a Multipartite Monitoring Team (MMT) composed of representative(s) from the local environmental Non-Government Organization (NGO), POs, and the Local Government Units per DAO 2017-15. The MMT shall primarily oversee the compliance of the proponent with the Environmental Management and Monitoring Plan (EMMoP) and the ECC conditions;

10.3 A replenishable Environmental Monitoring Fund (EMF) to cover all costs attendant to the operation of the MMT such as training, the hiring of technical experts and resource persons, fieldwork and transportation.

   The amount and mechanics of the EGF, EMF and the establishment of the MMT shall be determined by the EMB Central Office and the proponent through a Memorandum of Agreement (MOA) which shall be submitted in sixty (60) days prior to construction;

11. Establish an Environmental Unit (EU) in sixty (60) days prior to construction that shall competently handle the environment-related aspects of the project. In addition to the monitoring requirements as specified in the Environmental Management and Monitoring Plan (EMMoP), the EU shall have the following responsibilities:

   a. Monitor actual project impacts vis-à-vis the predicted impacts and management measures in the EIS;
b. Recommend revisions to the EMMoP, whenever necessary subject to
the approval of EMB Central Office;
c. Ensure that data gathered during monitoring activities are properly
documented, assessed, evaluated and reported in accordance with
the standard formats; and
d. Ensure that monitoring and submission of reports to EMB CO are
carried out as required.

12. The proponent shall ensure that its contractors and sub-contractors are
provided with copies of this ECC including Environmental Management
Plan (EMP) and that they will strictly comply with the relevant conditions
of this Certificate;

II. RESTRICTIONS

13. No activities shall be undertaken other than what were stipulated in the
final EIS. Any expansion and/or modification of the project beyond the
project description or change in alignment/route that will cause significant
impacts to the environment shall be subject to a new Environmental Impact
Assessment; and

14. In case of transfer of ownership of this Project, the same conditions and
restrictions shall apply to the transferee or grantee who shall secure in
writing the corresponding amendment of this ECC from the EMB Central
Office within fifteen (15) working days reflecting such transfer.

O.R. No : 8082982
Date : 05/29/2018
Processing Fee : Php 10,000.00

Environmental Compliance Certificate
North-South Railway Project - South Line (Commuter)
Department of Transportation
**Annex B**

**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 the surrounding areas, the following are recommended to the parties and authorities concerned for appropriate action.

<table>
<thead>
<tr>
<th>OTHER REGULATORY REQUIREMENTS/CONDITIONS</th>
<th>CONCERNED GOVERNMENT AGENCIES/ENTITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Strict compliance with the Revised National Structural Code of the Philippines</td>
<td>LGU concerned</td>
</tr>
<tr>
<td>2. Compliance with the Sanitation Code of the Philippines;</td>
<td>Department of Health (DOH) and LGU concerned</td>
</tr>
<tr>
<td>3. Compliance with the Labor Code of the Philippines;</td>
<td>Department of Labor and Employment (DOLE)</td>
</tr>
<tr>
<td>4. Compliance with the Building Code of the Philippines</td>
<td>LGU concerned</td>
</tr>
<tr>
<td>5. Ensure compliance with the Ecological Solid Waste Management Act;</td>
<td>LGU concerned</td>
</tr>
</tbody>
</table>

**ENVIRONMENTAL PLANNING RECOMMENDATIONS FOR THE PROPOSEN**

6. Priority of employment shall be given to qualified local residents. Opportunities for qualified PWDs, women, senior citizens, where possible, shall be considered. Adequate public information for jobs available to local residents in the affected areas will be provided.

---

**ATTY. MICHAEL DRAKE P. MATIAS**  
Chief, EIAM Division

**ENGR. METEO Y. PEDIELLA**  
Director

---

Environmental Compliance Certificate  
North-South Railway Project – South Line (Commuter)  
Department of Transportation

---

[Signature]

**EIAMD CENTRAL OFFICE**  
CERTIFIED TRUE COPY

**AUG 20 2018**  
DATE

**GEMMA C. DELARIO**  
EMS II