

ENVIRONMENTAL COMPLIANCE CERTIFICATE

(Issued under Presidential Decree 1586)

ECC-NCR-1404-0144

(Amendment)

THIS IS TO CERTIFY THAT THE PROPONENT, **SMC NAIAX CORPORATION**, represented by its Authorized Representative, Engr. Louie June D. Sioson, is granted this amended Environmental Compliance Certificate (ECC) for the **NAIA Expressway** project located in Pasay City and Parañaque City, by the Department of Environment and Natural Resources (DENR), through the Environmental Management Bureau - National Capital Region.

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

This Certificate is issued with the following details:

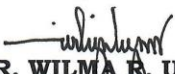
PROJECT DESCRIPTION		
This ECC covers the changes in the ECC (ECC-NCR-1404-0144) issued on 08 May 2014 as follows:		
Particular	Scope of the Old Project	Scope of the New Project
Proponent Name	Department of Public Works and Highways - Public-Private Partnership Service	SMC NAIAX CORPORATION
Project Name	NAIA Expressway Phase II	NAIA Expressway
No. of Lanes, Main Viaduct	4	4
Total Length, Main Viaduct	6 km	6 km
No. of Toll Plazas	6	7
No. of Ramps	17	18 <i>Additional entry "Tramo Ramp" viaduct:</i> • Length: 1.29 km • No. of Lanes: two-lane, single direction)
Total Length, Ramps	6 km	7.29 km

As per Annex "A" of EMB MC 05 series of 2014, the project falls under item 3.4.4. and considered as Category B (Non-ECP)/IEE.

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 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-NCR, however, is not precluded from reevaluating and correcting any deficiencies or errors that may be found after issuance of this Certificate.

Issued at EMB-NCR, National Ecology Center Compound, East Avenue, Diliman, Quezon City this 31 MAY 2022.

Recommending Approval:


ENGR. WILMA R. UYACO
Chief, Clearance and Permitting Division

Approved:


ATTY. MICHAEL DRAKE P. MATIAS
Regional Director

I. ENVIRONMENTAL MANAGEMENT

All commitments, mitigating measures and monitoring requirements, especially those contained in the Environmental Performance Report & Management Plan (EPRMP), particularly in the Environmental Management and Monitoring Plan (EMMoP), shall be instituted to minimize any adverse impact to the environment throughout the project implementation including among others the following, to wit:

POTENTIAL IMPACT PER PROJECT ACTIVITY PER PROJECT PHASE	MITIGATING MEASURES	RATING/ PERFORMANCE OF MITIGATING MEASURES
A. Construction Phase		
A.1 Construction of Roads and Bridges		
RA 8749		
Generation of noise from heavy equipment and delivery trucks	<p>Use of mufflers and exhaust silencers</p> <p>Limit the construction time to given standard hours or limit night work to avoid the distraction of nearby establishments like residential areas</p> <p>Provision of appropriate noise mitigating measures (such as construction of fences, enclosure of stationary work areas and equipment, maintenance of equipment, etc.) whenever applicable</p>	100% Noise within standards
Dust Emission	<p>Implement speed limit for heavy equipment/vehicles</p> <p>Maintain a misty access road surface within the project site by sprinkling water at least thrice (3x) a day during the dry season</p>	100% no dust emission
RA 9275		
Degradation of surface water quality due to contamination from domestic wastewater	<p>Provision of portalets for construction workers <i>Note: at least one (1) portalet for 10 workers</i></p> <p>Provision of temporary septic tank or wastewater collection system for workers</p> <p>Hauling of wastewater from portalets/ septic tank by third party contractor with licensed/permit from LGU and with valid Discharge Permit for wastewater treatment facility</p>	100% no discharge of domestic wastewater to nearby bodies of water

Potential siltation of nearby bodies of water due to surface water run-off	<p>Construction of soil erosion control measures either by/such as but not limited to sediment trap and barriers or planting of grasses/trees.</p> <p>Provision of an easement from water bodies at least three (3) meters in compliance to the Water Code of the Philippines</p> <p>Stockpiles shall be placed away from the watercourses to prevent the transport of soil and sediment.</p>	100% no siltation
Degradation of surface water quality due to contamination from oil, fuel or other lubricant agents leaks from works, installation and other construction works	Implement organized waste storage, where bulk waste oils and lubricants are placed in impermeable area with appropriate secondary containment	100% compliance with RA 9275
RA 6969		
Generation of used oil (from motor pool) and other hazardous materials	Provision of storage facility/area and collected by hazardous wastes DENR accredited 3 rd party hauler and treater	100% compliant to RA 6969
Generation of construction debris	<p>Proper collection of construction debris Solid Waste Management Program in compliance to RA 9003</p> <p>Collection of construction debris third party hauler with valid permit/clearance from LGU</p>	100% collected/hailed construction debris
RA 9003		
Generation of spoils (including excavated soils)	<p>Spoil materials will be hauled by third party hauler with approved permit/clearance from LGU</p> <p>Trucks should be thoroughly washed before leaving the project site to avoid the transfer of mud/dirt in the road</p>	100% no spoil materials will be left unattended and no mud/dirt shall be transferred in the road
Generation of construction debris	Segregation and proper storage of construction debris to be hauled by a contractor.	100% hauled/collected by the third party and should always be stockpiled in a safe place
Potential impacts of collapse in deep excavation resulting to damage to properties	Implement appropriate engineering measures for soil stabilization	100% no damage to other properties

A.2. Construction Installation, and operation of temporary site facilities (field offices and barracks)		
RA 9275		
Contamination of surface water from domestic wastewater	<p>Provision of portalets for construction workers (if necessary)</p> <p><i>Note: at least one (1) portalet for 60 workers where the number of male workers exceeds 500 (as per IRR- Industrial Hygiene, PD 856 Amending Administrative Order 111 Series of 1991)</i></p> <p><i>Note: at least one (1) portalet for 25 workers where the number of male workers exceeds 100 (as per IRR- Industrial Hygiene, PD 856 Amending Administrative Order 111 Series of 1991)</i></p> <p>Provision of septic tank or wastewater collection system for workers</p> <p>Hauling of wastewater from portalets/ septic tank by third party contractor with licensed/ permit from LGU and with valid Discharge Permit for wastewater treatment facility</p>	100% no discharge of domestic wastewater to nearby bodies of water
RA 8749		
Degradation of air quality due to use of generator set (if any)	Regular maintenance of the generator set	100% compliance to RA 8749
RA 6969		
Generation of hazardous materials	<p>Provision of centralized storage facility/area and collected by hazardous wastes DENR accredited 3rd party haulers/treaters.</p> <p>Hazardous waste generation ID shall be secured from EMB NCR.</p>	100% compliant to RA 6969
RA 9003		
Generation of solid Wastes	<p>Segregation of wastes and provision of waste storage facility</p> <p>Provision of an MRF including composting area</p> <p>Hauling of solid wastes by third party hauler with permit/clearance from LGU</p>	100% conformance to RA 9003

II. GENERAL CONDITIONS

1. The proponent shall strictly comply with the DENR Standards all times particularly for the following:
 - a. the provisions of RA 8749, the Philippine Clean Air Act of 1999 and its IRR;
 - b. the provisions of RA 6969, the Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 and its IRR;
 - c. the provisions of RA 9275, the Philippine Clean Water Act of 2004 and its IRR;
 - d. the provisions of RA 9003, the Ecological Solid Waste Management Act of 2000 and its IRR;
2. Implement a Comprehensive Social Development Program (SDP) and submit a separate report together with the Compliance Monitoring Report (CMR) to the EMB-NCR on a semi-annual basis for the project;
3. The proponent shall ensure not to damage private or public structure/utilities (i.e. electric post, water supply pipes, etc.). In the event that such accident occurs, proper and immediate restoration and/or compensation should be undertaken;
4. The proponent shall provide warning devices/signs and construction site shall be illuminated during night time to avoid accidents;
5. The proponent shall designate a Pollution Control Officer that competently handles the environment-related aspects of the project. In addition to the monitoring requirements as specified in the Environmental Management Plan/ Environmental Monitoring Plan and the following responsibilities:
 - a. Monitor actual project impacts vis-à-vis the predicted impacts and management measures in the EPRMP; and,
 - b. Ensure that data gathered during monitoring activities are properly documented, assessed, evaluated and reported to EMB Regional Office through the Compliance Monitoring Report to be submitted semi-annually through CMR online system. Submission platform found in this website: <https://online.emb.gov.ph/cmr/>. The first CMR covering the immediate semester after issuance of the ECC shall be submitted to this online platform.
6. The proponent shall ensure that its contractors and sub-contractors strictly comply with the relevant conditions of the Certificate;

III. RESTRICTIONS

7. The proponent shall coordinate with other concerned Government Agencies in the management of the project and shall implement only after securing all the necessary and relevant permits from other pertinent Government Agencies;

8. No other activities shall be undertaken other than what was stipulated in the EPRMP document. Any expansion or modification of the Project beyond the project description or any change in the activity or transfer of location, or realignment, shall be subject to a new EIA study; and
9. In case of transfer of ownership of this Project, these same conditions and restrictions for which written notification must be made by herein grantee to EMB within fifteen (15) working days from such transfer.

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 its surrounding areas and the environment, and by way of recommendation, the proponent shall forward these recommendations to the parties and authorities concerned for appropriate action.

<i>Environmental Planning Recommendations and Regulatory Requirements for the Proponent</i>
Local Government Unit (LGU)
<ol style="list-style-type: none">1. The proponent shall give priority employment to qualified local residents. Adequate public information for jobs available to local residents in the affected areas shall be provided;2. The proponent shall coordinate with the concerned LGU for the implementation of Solid Waste Management Plan;3. The proponent shall comply with the Building Code and Sanitation Code of the Philippines;4. The proponent shall maintain the drainage ways along with the road grading;5. The proponent shall coordinate with the concerned LGU(s) in the implementation of traffic management plan6. The host communities will be kept informed of the duration and timing of any noisy construction
DENR- Mines and Geosciences Bureau
<ol style="list-style-type: none">7. The proponent shall implement the recommendation in the Geohazard Identification Report (GIR) / Geohazard Assessment Report (GAR) and proper mitigating measure on the identified possible geologic hazards in the project area
DOLE - Bureau of Working Condition
<ol style="list-style-type: none">8. The proponent shall comply with the Labor Code of the Philippines


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