



Republic of the Philippines
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
ENVIRONMENTAL MANAGEMENT BUREAU

Regional Office No. III, 4/F Mel-Vi Bldg., Olongapo-Gapan Road
Dolores, City of San Fernando, Pampanga
Telefax (045) 861-2361 * 961-5203 * 961-5206

01 DEC 2009

ECC Ref. Code No. R03-0908-0053

AUSPHIL TOLLWAYS CORPORATION

1988 J.B. Miguel, Bangbang
Pasig City

Dear Sir/Madam,

This refers to your application for an Environmental Compliance Certificate (ECC) for the **proposed NORTH LUZON EAST EXPRESSWAY – STAGE 1 PROJECT.**

After satisfying the requirements of the said application, this Office has decided to grant an Environmental Compliance Certificate (ECC) to the above-mentioned project.

In issuing this **CERTIFICATE**, it should be understood that the same is a **PLANNING TOOL** and not a **PERMIT**. It is expected that you will diligently secure pertinent **PERMITS/CLEARANCES** from all concerned government agencies.

With the issuance of this ECC, you are expected to implement the measures presented in the Initial Environmental Examination (IEE) Report, 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 project implementation, after securing all the necessary permits from the pertinent government agencies. This Office will be monitoring the project periodically to ensure your compliance with the stipulations cited in the attached ECC.

Please be guided accordingly.

Very truly yours,


ENGR. CARLOS J. MAGNO
Regional Director



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ENVIRONMENTAL COMPLIANCE CERTIFICATE

(Issued Under Presidential Decree 1586)

R03-0908-0053

THIS IS TO CERTIFY THAT **AUSPHIL TOLLWAYS CORPORATION** is granted this Environmental Compliance Certificate (ECC) for the proposed **NORTH LUZON EAST EXPRESSWAY – STAGE 1 PROJECT** by the Department of Environment and Natural Resources (DENR), through the Environmental Management Bureau, Region III.

SUBJECT ONLY to the conditions and restrictions set-out in this ECC and in the attached document labeled as Annex A. Recommendations have been provided in Annex B as guidance to concerned government agencies and local government units for consideration in their decision making.

This ECC covers the construction and operation of a four-lane divided toll road (Group II-C.4.b.), with overpasses and underpasses components and a total length of eighteen thousand and nine hundred (18,900) linear meters that stretches from Commonwealth Avenue, Barangay Fairview, Quezon City to Barangay Bigte, Norzagaray, Bulacan, following the existing route of the Metropolitan Waterworks Sewerage Systems Aqueduct Line 6 (MWSS AQ6).

Project Geographical Coordinates/Location/ Linear Boundaries

	Start Point	Middle Point	End Point
Latitude -	14 ⁰ 42'27" N	14 ⁰ 47' 11" N	14 ⁰ 51' 21" N
Longitude -	121 ⁰ 04' 20" E	121 ⁰ 04' 08" E	121 ⁰ 05' 12" E

This certification is issued in compliance to the requirements of Presidential Decree No. 1586, in accordance to Department Administrative Order No. 30-2003. The Bureau, 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 City of San Fernando, Pampanga this 01 DEC 2009.

Recommending Approval:


REYNALDO E. GARCIA
Chief, Environmental Impact Assessment
& Management Division

Approved by:


ENGR. CARLOS J. MAGNO
Regional Director

SWORN STATEMENT OF OWNER/AUTHORIZED REPRESENTATIVE

I _____, proponent of this _____
located in _____ takes full responsibility in
complying with all conditions contained in this Environmental Compliance Commitment
(Environmental Compliance Certificate or ECC).

Signature

TIN _____

Subscribed and sworn to before me this _____ day of _____, 2009, the
above-named affiant taking oath presenting Residence Certificate No. _____
issued on _____ 2009 at _____.

NOTARY PUBLIC

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Book No. _____
Series of 2009

I. CONDITIONS

A. ENVIRONMENTAL MANAGEMENT and MONITORING PLAN (EMMoP)

1. All mitigating measures in the submitted Initial Environmental Examination Report (IEER) shall be implemented;
2. A detailed Environmental Management Plan and Monitoring Program (EMMoP) must be submitted within sixty (60) days upon issuance of this Certificate, which includes:
 - 2.1 Presentation of detailed project activities per project phase including its environmental, health and social impacts, mitigating measures and cost of such mitigation, parameters to be monitored, specific locations of sampling stations, frequency, guarantee, and role of MMT in each project phases. Provided, that the components of this EMMoP shall be formulated in coordination with appropriate professionals, whose expertise are in the fields of watershed management and conservation, environmental science and engineering, or any type of discipline that shall seemed fit to contribute in the effective planning for this project;
 - 2.2 Specific locations of water sampling stations/points along the road alignment must be identified and shown in a map presentation;
 - 2.3 Additional sampling station for each station that was identified in the submitted IEER preferably in the upstream portion of the river to determine the cause of water deterioration and serve as baseline data for later monitoring;
 - 2.4 A Construction Management Plan (CMP) to ease traffic congestion and reduce road accidents/ hazards safety and road signs should be posted or installed in appropriate places where activity is in progress. A copy of this CMP must be submitted to this Office sixty (60) days upon receipt of this Certificate;
 - 2.5 Utility Map which include the list of water and sanitation facilities in the affected barangays;
 - 2.6 Test parameters on CO, HC, SO₂, etc. during operation for interchange areas;
 - 2.7 A Contingency Response Plan to address the clean-up remediation activities during accidental spills (e.g. oil leaks and spillage of other toxic and hazardous substances during transport) and safety precaution measures in case of grass fire, etc;
3. Adequate slope protection measures shall be implemented to minimize and manage any form of soil movement that will be detrimental especially so the La Mesa Reservoir;
4. Construction/rehabilitation spoils and debris and other waste generated shall be properly managed and disposed pursuant to Ecological Solid Waste Management Act (RA 9003). Likewise, the proponent shall implement waste minimization, segregation, re-use and other ecological solid waste management practices;
5. Proper handling, collection and disposal of oil/lubricants, worn-out tires and other spare parts used/discarded by the heavy equipment machinery shall be strictly effected;



6. A Roadway Greening Program for the entire length of the road alignment must be submitted to this Office thirty (30) days upon receipt of this Certificate;

B. GENERAL CONDITIONS

7. An Environmental Unit (EU) headed by the Pollution Control Officer (PCO) shall be created by the proponent who will be responsible in the environment related aspects of the project. In addition to the monitoring requirements as specified in the Environmental Monitoring Plan (EMP), the EU shall:
 - 7.1 Monitor actual impacts and management measures in the IEER;
 - 7.2 Recommend revisions to the EMP as the need arises and submit the updated/revised EMP to this Office for approval prior to adoption/implementation;
 - 7.3 Submit semi-annual Compliance Monitoring Report;
 - 7.4 Ensure that the monitoring and reporting activities are carried out; and
 - 7.5 Ensure compliance with the conditions of the ECC.
8. A Multipartite Monitoring Team (MMT) composed of representatives from the proponent, the DENR, the Local Government Units (LGUs), the concerned NGOs/POs, the affected communities and other basic sector, and the government agencies should oversee the proponent's compliance with the Environmental Management Plan (EMP), the conditions stipulated in the ECC, and all applicable rules and regulations;
9. A replenishable Environmental Monitoring Fund (EMF) to cover all costs attendant to the operation of the MMT such as training, sampling and analysis, hiring of technical experts, meals, accommodations and transportation;
10. A readily available and replenishable Environmental Guarantee Fund (EGF) to cover the following: the immediate rehabilitation of areas affected by damage to the environment and the resulting deterioration of environmental quality as a direct consequence of project construction, operation, and abandonment; the just compensation of parties and communities affected by the negative impacts of the project; the conduct of scientific/research studies to aid in the prevention of environmental damages; and for contingency clean-up activities, environmental enhancement measures, damage prevention program. The amount and mechanics of the EGF shall be determined by the DENR through the EMB and the proponent within sixty (60) days upon issuance of this Certificate;
11. The proponent shall allow inspection or monitoring that will be conducted by this Office anytime in coordination with concerned groups;
12. This Certificate is considered automatically revoked if the project does not commence within a period of five (5) years from the issuance thereof or suspension/stoppage of operation extends to three (3) years, such that significant changes in land and resources use have occurred in the project area and its vicinities;

II. RESTRICTIONS

13. Any expansion and/or modification of the approved project components shall be subject to new Environmental Impact Assessment (EIA) requirements; and
14. No cutting of trees shall be undertaken during construction phase as committed by the proponent. In case there are trees affected, tree balling shall be undertaken; 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 this Office within fifteen (15) days as regards to the transfer of ownership.

Non-compliance with any of the provisions of this certificate shall be a sufficient cause for the cancellation or suspension 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.

O.R. No. : 1490715
Proposed Fee : P4,000
Date : May 27, 2009



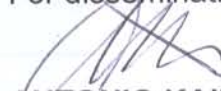
PROJECT ASSESSMENT PLANNING TOOL

For the assistance of the Proponent and government agencies concerned in the management of the project and for better coordination in mitigation on the impact of the project on its surrounding areas and to the environment.

By way of recommendation, the following have been taken notice by the undersigned and are forwarding these recommendations to the parties and authorities concerned for proper appreciation and action.

RECOMMENDATIONS TO CONCERNED GOVERNMENT AGENCIES/LGUs	CONCERNED GOVERNMENT AGENCIES/ENTITIES
1. Proper storm drainage canal, concrete culverts, and other flood and erosion control measures needs to be provided to adequately receive and channel the run-off to the nearby receiving body of water.	City/Municipalities Engineers Office/DPWH/ MWSS
2. Need for the provision of a segregation, collection, recycling, and disposal mechanism for solid waste.	LGU
3. Coordinate for the traffic management in the area i.e. provision of detour bridge, re-routing plan, warning signs, etc.	LGU
4. Temporary sanitary toilet facilities should be provided to the constructions workers, and any waste should be properly disposed so as not to cause nuisance to the immediate environment.	DOLE
5. Comply with the rules and regulation of occupational health and safety standards.	DOLE
6. Comply with the National Building & Structural Code of the Philippines	LGU
7. Secure Tree Balling Permit.	DENR
8. Secure applicable Permits/Clearances	concerned agencies
9. Prepare and present a Compensation and Relocation/Resettlement Plan including Livelihood and Skills Training Program with Relocation Map (of appropriate scale) duly approved by the affected families/parties	LGU
ENVIRONMENTAL PLANNING RECOMMENDATIONS FOR THE PROPONENT	
The following are strongly recommended for the Proponent to comply for the protection of the project area and the affected environment.	
1. Close monitoring of the project should be undertaken by the proponent to maintain a high level of safety and efficiency and immediately address any environmental hazard that may take place.	
2. Measures to mitigate the increase in suspended particles during the construction must be effected through regular sprinkling of water on exposed road surfaces. Likewise, measures to reduce soil/siltation in the adjoining water bodies shall be effected by proper installation of silt traps, slope protection walls or similar structures.	
3. Drainage structures such as ditches, culverts and pipe drains should be installed to divert surface water and run-off away from the construction site to further protect the slopes from soil erosion;	
4. Schedule noisy activities during daytime. Measures such as installation of road/noise barriers must be undertaken to minimize excessive generation of noise and vibrations brought about by earthwork activities and heavy equipment during construction especially along portions of the route close to noise-sensitive areas, such as hospitals, schools and churches.	
5. The location of disposal sites of spoils and other materials and the manner by which they will be disposed of must be described.	
6. Donate collectible recyclables to the LGU	

For dissemination and proper action of the parties concerned.


ANTONIO KAIMO
EIARC Chairman


REYNALDO E. GARCIA
Chief, EIAM Division


ENGR. CARLOS J. MAGNO
Regional Director