



Republic of the Philippines
Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
NATIONAL CAPITAL REGION
National Ecology Center Compound
East Avenue, Diliman, Quezon City

ENVIRONMENTAL COMPLIANCE COMMITMENT
(Environmental Compliance Certificate)
(Issued under Presidential Decree 1586)
ECC-NCR-1406-0238

THIS IS TO CERTIFY THAT PROPONENT **MAYNILAD WATER SERVICES, INC.**, represented by its Vice President, Quality Assurance Planning and Environment, Safety and Health Management Group, Mr. Francisco Arellano, is granted this ECC for the proposed Sewerage System, located in **Valenzuela City, Metro Manila**, 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-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 process.

PROJECT DESCRIPTION

The ECC covers the proposed **VALENZUELA SEWERAGE SYSTEM** located in Valenzuela City, Metro Manila.

The project infrastructure consists of the following:

- 1) Conveyance System – interceptor boxes, gravity sewers, pressure mains, collector (reticulation) pipelines, pump stations, manholes, and river crossings
- 2) Sewage Treatment Facility -- 60 MLD wastewater treatment facilities, interconnecting pipework (above and below ground), various mechanical equipment for flows and pumps, inlet and outfall, chemical storage facilities, control rooms, administration buildings, access roads, and parking area located in 2.56 hectares.

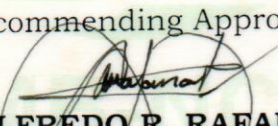
This **Planning Tool** is issued pursuant to the provisions of Presidential Decree No. 1586, in accordance to Department Administrative Order No. 2003-30. Non-compliance with any of the provisions of this ECC shall be sufficient cause for its cancellation or suspension and/or imposition of a fine in an amount not to exceed Fifty Thousand Pesos (PhP 50,000.00) for every violation thereof. The Bureau, however, is not precluded from reevaluating, adding, removing, and correcting any deficiencies or errors that may be found to be inconsistent with the Revised Procedural Manual of DAO 2003-30 after issuance of this ECC.

Issued at EMB-NCR, National Ecology Center Compound,
East Avenue, Diliman, Quezon City this 04 AUG 2014.

Approved:


VIZMINDA A. OSORIO
OIC, Regional Director

Recommending Approval:


WILFREDO R. RAFANAN
OIC, Environmental Impact
Assessment & Monitoring Division

1. CONDITIONS

A. ENVIRONMENTAL MANAGEMENT and MONITORING PLAN (EMMoP)

1. The proponent shall ensure that all commitments, appropriate mitigating/enhancement measures and monitoring requirements especially those contained in the EMMoP in the Environmental Impact Statement (EIS), its modifications and additional information as approved by the EMB-NCR during the EIA Report review shall be instituted and strictly implemented throughout the project implementation.
2. Implement the Social Development Plan for the proposed project.
3. Undertake a continuing Information, Education and Communication (IEC) Program throughout the construction and operational phase of the project.
4. Submit an Abandonment Plan to the EMB-NCR at least 30 days prior to the project's abandonment. The plan shall include rehabilitation measures/clean-up, remediation of areas affected by the project and proposed alternative projects in the area.

B. GENERAL CONDITIONS

5. Secure authority over the project site prior to implementation of the proposed project.
6. That a billboard containing this message: **"Notice to the Public, This Project, VALENZUELA SEWERAGE SYSTEM of MAYNILAD WATER SERVICES, INC. has been issued an Environmental Compliance Certificate (ECC-NCR-1406-0238) by the Environmental Management Bureau - National Capital Region of the Department of Environment and Natural Resources on 04 AUG 2014"** must be installed at the project site.
7. Secure a Tree Cutting and Earth-Balling Permit with the concerned government agencies subject to existing Forestry laws, rules and regulations prior to project implementation.
8. The proponent shall set-up the following:
 - 8.1 An Environmental Guarantee Fund (EGF) through a Memorandum of Agreement (MOA) between the EMB-NCR and MWSI. The amount and mechanics of the EGF shall be submitted to EMB-NCR for approval within sixty (60) days upon receipt of this Certificate.

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- 8.2 For purposes of monitoring, the proponent may form a Multipartite Monitoring Team (MMT) or secure the services of a third party auditor as prescribed in the Procedural Manual of DENR Administrative Order 03-30.
- 8.3 In the event that the proposed third party audit is not implemented within two (2) years of ECC issuance, MMT shall be formed. The proponent shall set-up an Environmental Monitoring Fund (EMF) which shall be incorporated in the EGF MOA together with the roles, obligations and responsibilities of the MMT.
9. The operations shall conform to the applicable provisions of the following environmental laws:
- 9.1 RA 6969 (Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990);
- 9.2 RA 9003 (Ecological Solid Waste Management Act of 2000);
- 9.3 RA 8749 (Philippine Clean Air Act of 1999);
- 9.4 RA 9275 (Philippine Clean Water Act of 2004).
10. An Environmental Unit (EU)/Pollution Control Officer (PCO) must be established/appointed to 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/PCO shall:
- 10.1 Monitor actual project impacts vis-à-vis the predicted impacts and management measures in the EIS;
- 10.2 Submit semi-annually an ECC Compliance Report to the EMB-NCR on or before 15 January and 15 July of each year. Each report must show the summary of cumulative performance of Proponent against previous years' requirements and commitments.
11. Conduct regular risk/safety assessment to ensure that hazards and risks are kept at the minimum. At the minimum, the risk/safety study shall be updated every five (5) years.
12. That reworks/grading of the exposed grounds and planting of trees/shrubs/ornamental plants shall be undertaken for ecological enhancement purposes and in support of the National Greening Program.
13. That the project proponent shall allow EMB-NCR personnel with proper identification card and mission/travel order to conduct inspection/monitoring in the entire premises without prior notice to oversee compliance to ECC conditions.

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II. RESTRICTIONS

14. 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-NCR within fifteen (15) days as regards to the transfer of ownership.
15. No other activities should be undertaken other than what was stipulated in the EIS. Should there be any planned expansion of the project beyond the project description in the submitted documents; or any planned change in the activity, a request for an ECC amendment must be made prior to implementation of any project expansion/modification.

OR No.: 0180117
Processing Fee: PhP 4,000.00
Date: 14 October 2013

OR No.: 0183690
Processing Fee: PhP 15.00
Date: 14 October 2013

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PROJECT ASSESSMENT PLANNING TOOL

For the assistance of the Proponent, other DENR Divisions/Bureaus, other concerned government agencies and LGUs 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 of by the EIA Review Committee and are forwarding these recommendations to the parties and authorities concerned for proper appreciation and action, and integration into their decision-making process.

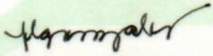
A. RECOMMENDATIONS TO CONCERNED GOVERNMENT AGENCIES/LGUS	CONCERNED PERMITTING, DECIDING MONITORING ENTITIES
Maynilad Water Services, Inc. shall:	
1. Conduct geotechnical investigation on the proposed sites for the pumping stations and the results be incorporated in the design of the foundations.	Mines and Geosciences Bureau Local Government Unit Valenzuela City
2. Ensure that a social participation process is undertaken with the local government units and stakeholders prior to project implementation.	Local Government Unit Valenzuela City
3. Secure Locational Clearance prior to project implementation.	Local Government Unit Valenzuela City
4. Implement segregation, collection, recycling, and disposal mechanism for solid waste.	Local Government Unit Valenzuela City
5. Prepare a traffic rerouting scheme and coordinate with the concerned government agencies to address the project's contribution to local traffic.	Local Government Unit Valenzuela City Metro Manila Development Authority
6. Implement an effective Environmental, Health and Safety Program for the proposed project.	Department of Labor and Employment
7. Secure permit for the construction of an appropriate drainage system to mitigate/abate adverse effect (i.e. flooding) to the adjacent areas.	Local Government Unit Valenzuela City Metro Manila Development Authority

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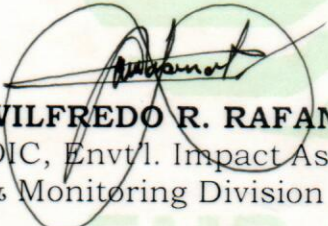
B. ENVIRONMENTAL PLANNING RECOMMENDATIONS FOR THE PROPONENT

Maynilad Water Services, Inc. shall undertake close monitoring of the project to maintain a high level of safety and efficiency at all stages of the construction, and to immediately address any environmental hazard/change that may take place. It is strongly recommended that the same be strictly complied.

For dissemination and proper action of the parties concerned.

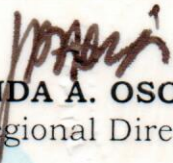

FLORENCE L. GONZALES

OIC, Permitting & Clearance Section


WILFREDO R. RAFANAN

OIC, Env'tl. Impact Assessment
& Monitoring Division


JACOB S. TIO
EIARC Chair


VIZMINDA A. OSORIO
OIC, Regional Director

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