



January 7, 2020

ECC-OL-R4A-2020-0002

ENGR. ANILINE B. FRANCIA

General Manager

CARMONA WATER DISTRICT

Block 8, Lot 8, Joy Street, Cityland Subdivision
Barangay 11 (Mabuhay), Carmona
Cavite 4116

Subject: **ENVIRONMENTAL COMPLIANCE CERTIFICATE**

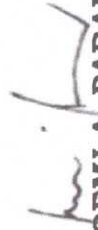
Dear **Engr. Francia**:

This refers to the Environmental Compliance Certificate (ECC) application for the **CARMONA WATER DISTRICT SUPPLY AND DISTRIBUTION SYSTEM (CARMONA BAYAN LOOP) PROJECT** located **within the boundaries of Barangays 1 to 13, Carmona, Cavite**. After satisfying the requirements of the said application, this Bureau 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 Initial Environmental Examination (IEE) Checklist 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. This Certificate does not create any right nor be used as an authorization to implement the project, you may proceed with the project implementation only after securing all the necessary permits from other pertinent Government Agencies. This Office will be monitoring the project periodically to ensure your compliance with stipulations cited in the attached ECC.

Please be guided accordingly.

Very truly yours,


DIR. NOEMI A. PARANADA
OIC-Regional Director

ENVIRONMENTAL COMPLIANCE CERTIFICATE

(Issued under Presidential Decree 1586)

ECC-OL-R4A-2020-0002

THIS IS TO CERTIFY THAT THE PROPONENT, **CARMONA WATER DISTRICT** is granted this Environmental Compliance Certificate (ECC) for their **CARMONA WATER DISTRICT SUPPLY AND DISTRIBUTION SYSTEM (CARMONA BAYAN LOOP) PROJECT** located **within the boundaries of Barangays 1 to 13, Carmona, Cavite** by the Department of Environment and Natural Resources (DENR), through the Environmental Management Bureau (EMB), CALABARZON Region.

This Certificate is being issued for the project, with the following details:

PROJECT DESCRIPTION

The Carmona Water District Supply and Distribution System (Carmona Bayan Loop) Project shall be located within the boundaries of Barangays 1 to 13, Carmona, Cavite. The project shall have a maximum extraction rate of not exceeding Two Hundred Thirty Eight (238) liters per second. It shall include the following project components: Forty One Thousand Three Hundred Sixty Six (41,366) linear meters distribution pipelines, pumping stations equipped with flow meters, valves, deepwells, chlorine injectors, motor pumps, generator sets, Five (5) units water storage tank, and other related support facilities.

Pumping Stations	Location	Geographic Coordinates		Capacity
Cityland PS - 1	Joy Street, Cityland Subdivision, Barangay 11 (Mabuhay)	14° 19' 28.56" N	121° 02' 25.03" E	18 liters per second
Cityland PS - 2	Sugar Road, Barangay 11 (Mabuhay)	14° 18' 22.34" N	121° 02' 24.45" E	5 liters per second
Cityland PS - 3	Glory Street, Cityland Subdivision, Barangay 11 (Mabuhay)	14° 18' 33.31" N	121° 02' 33.31" E	21 liters per second
CES - PS	Barangay 8 (Rosario)	14° 18' 47.70" N	121° 03' 15.70" E	21 liters per second
CBB-PS - 1	San Roque Street, Barangay 10 (Cabilang Baybay)	14° 19' 03.51" N	121° 03' 03.61" E	23 liters per second
CBB-PS - 2	San Pablo Street, Barangay 10 (Cabilang Baybay)	14° 19' 05.70" N	121° 02' 57.50" E	25 liters per second
Lantic PS	Barangay 13 (Lantic)	14° 17' 56.30" N	121° 02' 56.48" E	23 liters per second
Milagrosa Phase 4 PS	Barangay 12 (Milagrosa), Phase 4	14° 18' 03.50" N	121° 02' 00.73" E	2 liters per second
Milagrosa Homes PS	Barangay 12 (Milagrosa), Milagrosa Homes	14° 18' 27.64" N	121° 02' 48.45" E	22 liters per second

Pumping Stations	Location	Geographic Coordinates		Capacity
Villa Sorteo PS	Barangay 12 (Milagrosa)	14° 18' 14.14" N	121° 02' 23.06" E	11 liters per second
Maduya PS	Barangay 9 (Maduya)	14° 18' 58.85" N	121° 03' 54.18" E	23 liters per second
Villa Alegre PS	Barangay 11 (Mabuhay), Villa Alegre	14° 18' 30.82" N	121° 02' 46.53" E	21 liters per second
Mabuhay PS	Mapalad Street, Barangay 11 (Mabuhay)	14° 18' 41.60" N	121° 02' 58.30" E	23 liters per second

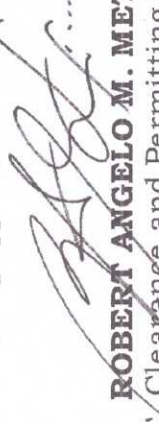
This Certificate is issued in compliance to the requirements of Presidential Decree No. 1586, in accordance to Department Administrative Order No. 2003-30. The Bureau, however, is not precluded from reevaluating, adding, removing, and correcting any deficiencies or errors that may be found after issuance of this Certificate.

This is to certify, further, that in issuing this **CERTIFICATE**, it should be understood that the same is a **PLANNING TOOL** and **NOT A PERMIT**. Hence, the proponent shall secure pertinent **PERMITS/CLEARANCES** from all concerned government agencies (i.e. NRB, HLURB, LGUs, LLDA, DOTr, DENR, DOT, FDA, LWUA, NIA, DA, DAR, DOH, DOLE, DTI, DPWH, DOE, PMRB, MGB, etc.) prior to the implementation of the project to be submitted to this Office within sixty (60) working days upon receipt thereof; otherwise this Office shall be constrained to take appropriate legal action. The issuance of the ECC shall not be construed as resolving issues within the mandate of other Government Agencies.

Issued at EMB CALABARZON Region this **January 7, 2020.**

Recommending Approval:

Approved by:


ROBERT ANGELO M. METIN
OIC, Clearance and Permitting Division


DIR. NOEMI A. PARANADA
OIC-Regional Director



Environmental Compliance Certificate
Carmona Water District Supply and Distribution System (Carmona Bayan Loop)
In various barangays of Carmona, Cavite :Brgy. 1- 13 Carmona, Cavite
CARMONA WATER DISTRICT

SWORN ACCOUNTABILITY STATEMENT

Under the provisions of Presidential Decree 1586, I, **ENGR. ANILINE B. FRANCIA**, do hereby certify that the information provided to the Department of Environment and Natural Resources (DENR) - Environmental Management Bureau (EMB), CALABARZON Region pertaining to the **Carmona Water District Supply and Distribution System (Carmona Bayan Loop) Project** located **within the boundaries of Barangays 1-13, Carmona, Cavite** are true and correct to the best of my personal knowledge and based on the records in my possession. Hence, I shall take full responsibility in complying with all conditions and restrictions contained in this Environmental Compliance Certificate (ECC)

malay k. farin

ENGR. ANILINE B. FRANCIA

General Manager

CARMONA WATER DISTRICT

TIN: 44-727-451

SUBSCRIBED AND SWORN TO before me this JAN 09 2020, the above-named
affiant taking oath presenting her Government-issued I.D. 7N:111-727-457 No.
issued at _____ on _____.

Notarizing Officer

Doc No. 452
 Page No. 92
 Book No. 1
 Series of 2020



Environmental Compliance Certificate
Carmona Water District Supply and Distribution System (Carmona Bayan Loop)
In various barangays of Carmona, Cavite :Brgy. 1- 13 Carmona, Cavite
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I. CONDITIONS

ENVIRONMENTAL MANAGEMENT AND MONITORING PLAN

The proponent shall strictly implement the following mitigating, enhancement, and rehabilitating measures:

1. That the proponent shall undertake greening/landscaping and planting of native tree species within the project area to help attenuate noise levels, abate heat and absorb some pollutant emissions.
2. That the proponent shall strictly manage all operational, external, spillage, chemical, solid wastes, excessive surface run-off, traffic, erosion, siltation, dust, and occupational & health hazards identified in the Initial Environmental Examination (IEE) Checklist Report and, in case of emergency episodes, appropriate response activities shall be immediately undertaken for the protection of the workers/personnel, host and nearby communities and the receiving environment.
3. That effective and adequate drainage system and wastewater treatment facility for all its effluents shall be provided. All liquid waters shall be properly treated and not exceed the DENR Effluent Standards. Appropriate plans and designs of the proposed wastewater treatment facility shall be submitted one (1) month upon receipt of the ECC with a completion period of six (6) months.
4. That in support of the concern of the government to phase out mercury from all possible sources and to address global warming, the proponent shall install environment friendly lighting fixtures (i.e. Light Emitting Diode (LED) Lamps, Compact Fluorescent Lamps, etc.).
5. That proper Air Pollution Source and Control Installations (APSCI) shall be provided by the proponent to avert pollutant emission.
6. That the proponent shall properly implement the following:
 - a) Effective Information, Education and Communication (IEC) Plan shall be implemented in all project phases including communication of environmental risks of the project;
 - b) Beneficial Social Development Program (SDP) among employees/workers, host barangay and affected communities which shall cover livelihood training and employment, including assistance in the setting-up of social welfare programs for health and education that will ensure the participation of youth and women;
 - c) Wastes management scheme as provided in the Environmental Management Plan (EMP) shall be continuously implemented; and
 - d) Portalets/temporary sanitation facilities shall be provided before the start and during the construction works.

GENERAL CONDITIONS

Further administrative conditions for the grant of this Certificate shall be strictly complied:

7. That the proponent shall comply with the following environmental laws including their respective implementing rules and regulations such as: PD 1586 "Philippine Environmental Impact Statement System"; RA 6969 "Toxic Substances and Hazardous and Nuclear Waste Control Act of 1990"; RA 8749 "Clean Air Act of 1999"; RA 9003 "Ecological and Solid Waste Management Act of 2000"; RA 9275 "Clean Water Act of 2004"; and other existing and applicable Philippine Laws.



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8. That the proponent shall set-up a competent Environmental Unit and shall be duly accredited by this Office in accordance with DAO No. 2014-002, series of 2014 (Revised Guidelines for Pollution Control Officer Accreditation). The Environmental Unit shall be integrated in the proponent's organizational chart to handle all environment related aspects of the project implementation in addition to the monitoring requirements as specified in the Environmental Management Plan (EMP)/Environmental Monitoring Plan (EMoP) such as but not limited to the following:
 - a) Monitor actual project impacts vis-à-vis the predicted impacts and management measures in the IEE Checklist Report;
 - b) Submit all environmental monitoring reports to this Office quarterly using the prescribed format of the Self-Monitoring Report (SMR) pursuant to DAO 2003-27;
 - c) Ensure that post-assessment permits/clearances are in place;
 - d) Submit semi-annual ECC Compliance Monitoring Reports (every January 15 and July 15 of each year the project is implemented) which serve as summary of all the SMRs submitted quarterly pursuant to DAO 2003-30 (Implementing Rules and Regulations of PD 1586); and
 - e) Submit an Abandonment Plan Two (2) months prior to abandonment. It shall include rehabilitation measures/clean-up, remediation of areas possibly contaminated with toxic substances and presentation of options on proposed alternative projects in the area.
9. That when the implementation of the project causes adverse environmental impacts and/or poses nuisance to public health and safety, the proponent shall immediately suspend its project operation until such time that appropriate remedial measures are effected and/or any damage to persons and/or properties resulting from the same are properly compensated.
10. That proper health and sanitation practices shall be observed in all phases/stages of the project and safety & personal protective equipment/gadgets shall always be provided to the personnel within the premises of the project site to prevent health and occupational hazards.
11. That in compliance to Paris Protocol Agreement and R.A. 9367 (Bio-Fuels Act of 2006) to deal with the reduction program on activities potential to contribute greenhouse gases or global warming, the proponent shall establish a carbon sink program or apply/use alternative fuels (i.e. bio-fuel liquefied petroleum gas, etc.).
12. That any authorized DENR-EMB personnel, with proper identification card and travel/mission order, shall be allowed unconditional access to conduct an on-the-spot inspection and monitoring without the need for prior notice to oversee compliance to the ECC.
13. That a billboard containing this message: **“Notice to the Public, This CARMONA WATER DISTRICT SUPPLY AND DISTRIBUTION SYSTEM (CARMONA BAYAN LOOP) PROJECT of CARMONA WATER DISTRICT has been issued an Environmental Compliance Certificate (ECC-OL-R4A-2020-0002) by the Department of Environment and Natural Resources – Environmental Management Bureau CALABARZON Region on January 7, 2020.”** must be installed at all entry/exit points and at all perimeters of the project facing the road to inform the general public within thirty (30) days from receipt of the ECC.
14. That a copy of the ECC shall be posted in a conspicuous location at the field office of the project site clearly visible to the public and shall be adequately framed or otherwise protected against damage.

II. RESTRICTIONS



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1. That no other activities should be undertaken other than what was stipulated in the IEE Checklist Report. Should there be an expansion or deviation of the project beyond the project description, construction of other structures beyond those stated in the IEE Checklist Report; transfer of location or any change in the activity, shall be made subject to a new EIA requirements.
2. That no trees shall be affected in all phases of the project, or if there is any, necessary documents such as “Tree Cutting Permit”, “Balling Permit” and other permits/clearances, shall be secured from the concerned DENR sector pertaining to the implementation of the project.
3. That during the construction phase of the project, the proponent shall install a temporary 2-stage settling pond for wastewater prior to its final disposal into the local sewer and drainage system.
4. That in case of transfer of ownership/management 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/management.
5. That the proponent (**CARMONA WATER DISTRICT, as represented by its General Manager, Engr. Aniline B. Francia**) shall be jointly and severally accountable for any misrepresentation and failure to state material information in the submitted documents.

The conditions stipulated in this Certificate shall be deemed final within fifteen (15) days from receipt hereof and all conditions set forth above shall be complied with by the herein grantee. This ECC is deemed expired if not implemented within five (5) years from the date of issuance and the proponent shall have to apply for a new ECC if it intends to pursue the project.

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.

PROJECT ASSESSMENT PLANNING TOOL



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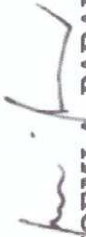
For the assistance of the proponents and government agencies concerned in the management of the project and for better coordination in mitigation on the impact of the project on its surrounding areas and to the environment.

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

Regulatory Conditions	Concerned Agency
1. The proponent shall comply with, but not limited to the following: 1.1 PD 856 or the Sanitation Code of the Philippines; 1.2 PD 442 or the Labor Code of the Philippines including occupational health and safety; 1.3 R.A. 6541 or the National Building Code of the Philippines including adequate storm drainage system and other flood control measures and compliance to the Fire Safety and Emergency Preparedness; 1.4 PD 1067 or the Water Code of the Philippines;	DOH DOLE-Bureau of Working Condition Municipal Planning & Dev't. Office/Building Official/BFP/LGUs Concerned DPWH/NWRB
Environmental Planning Recommendations for the Proponent	
2. Close monitoring should be undertaken by the proponent to maintain a high level of safety and efficiency at all stages of the project, and to immediately address any environmental hazard/change that may take place.	

For dissemination and proper action of the parties concerned.


ROBERT ANGELO M. METIN
OIC, Clearance and Permitting Division


DIR. NOEMI A. PARANADA
OIC-Regional Director

Processing Fee : PhP5,070.00 O.P. No. : 9100847
Trxn Seq. No. : 32200 Date : December 13, 2019



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