

ORDINANCE NO. 2021-032

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AN ORDINANCE MANDATING THE CONSTRUCTION OF RAINWATER COLLECTION FACILITIES IN EXISTING AND NEW CITY AND BARANGAY-OWNED FACILITIES, PRESCRIBING GUIDELINES AND MECHANISMS FOR ITS IMPLEMENTATION, AND FOR OTHER PURPOSES:-

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EXPLANATORY NOTES

Recent efforts by the Metro Naga Water District (MNWD) to put up additional pumping station, which had been turned down by the Sangguniang Panlungsod for environmental reasons, indicated the need to look for other sources to maximize the supply of potable water. We have to find ways to conserve potable water.

Rainwater can be a viable alternative for non-potable need. If properly harvested, stored and utilized, rainwater can be a major source non-potable need such as carwashing, general cleaning, laundry, and supplemental use for commercial and industrial usage. Also, it can be maximized for urban gardening, landscape, irrigation and other agricultural need.

It is necessary-- and imperative as well-- for the City Government, in collaboration with MNWD to promote alternative source of water supply, such as the installation of Rainwater Collection facilities. Based on MNWD statement, it will cease construction of pumping stations by 2027.

An alternative therefore is imperative. Hence, this Ordinance.

Now, therefore, be it ordained by the Sangguniang Panlungsod of the City of Naga, that:

SECTION 1. - Title. - This ordinance shall be known as the "Rainwater Collection and Harvesting Ordinance of Naga City".

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SECTION 2. - Policy, Purposes and Objectives. - This ordinance is enacted for the following purposes and objectives:

- (a) Promote the harvesting, storage and utilization of rainwater as a viable alternative source of water supply.
- (b) Promote the construction and installation of Rainwater Collection facilities (RWFs),
- (c) Mandate the construction and installation of Rainwater Collection Facilities in city and barangay-government owned facilities, private business establishments for non-potable use, which will lessen the consumption of potable water;

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- (d) Encourage the city residents to actively participate in government programs and undertakings to address environment issues including preservation of water sources.

SECTION 3. - Definition of Terms. - For purposes of this ordinance, the terms and phrases as used in this ordinance shall be defined as follows:

- (a) Cluster-type Rainwater Collection Facility - type of structure that serves as the common system for a group of persons or establishments;
- (b) Communal-type Rainwater Collection Facility - type of structure that serves as the common system for a community;
- (c) Filter - is the act of removing dirt or any matter suspended in the water by passing it through a porous particle or mass;
- (d) Gutter and Downspout - structures made to channel water from the roof to the tank;
- (e) Non-Potable Use - Non-potable water is water that is unsafe for human consumption,
- (f) Rain or Rainwater - drops of freshwater that falls as precipitation from clouds or a type of precipitation as a product of the condensation of atmospheric water vapor that is released on the Earth's surface;
- (g) Rainwater Collection Facility or RWFs - a technology that collects and stores rainwater for non-human use. The rainwater collection structure consist of the catchment area (roof, platform, ground, or any surface identified), the conveyance (gutter pipes, etc.) and the cistern (storage or tank);
- (h) Rainwater Harvesting - is the collection and storage of rain, rather than allowing it to run off. Rainwater is collected from a roof-like surface and redirected to a tanks, cistern, deep pit (well, shaft, or borehole), aquifer, or a reservoir with percolation;

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SECTION 4. - Beneficial Use of Rainwater Collection Facility.

- The construction and installation of Rainwater Collection Facility (RWF) is intended to serve as a mechanism to promote water conservation.

- (a) Multiple uses of harvested rainwater:

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- 1) May be used as additional source carwashing, general cleaning, laundry, gardening, among others including maintenance and upkeep of government owned and barangay facilities;

- 2) To increase the holdback capacity of water, reduce run-off and soil erosion, contain effluents, as well as augment farm water supply.

SECTION 5. - Basic Components of Rainwater Collection Facility. - A Rainwater Collection Facility (RWFs) is composed of five basic components, namely:

- (1) collection system (catchment system) - used to collect and store the captured rainwater;
- (2) conveyance system (gutters and downspout) used to transport the harvested rainwater from catchment to storage;
- (3) cistern (storage tanks) - used to store the filtered water which is ready to use;
- (4) treatment and disinfection system (leaf screen, first flush diverters, roof washers) - used for filtering the collected rainwater and remove pollutants;
- (5) drainage/sewerage system - rainwater and storm water drains

SECTION 6. - Mandate to Install Rainwater Collection Facility (RWFs) in City Government-Owned Facilities. - This ordinance mandates the construction and installation of RWFS in the following city government-owned facilities:

- (a) Naga City People's Mall;
- (b) Naga City Abattoir;
- (c) Naga City Hospital
- (d) Naga City Infirmary Hospital (Our Lady of Lourdes Hospital) Carolina
- (e) City Agriculturist Office (annex, Pacol)
- (f) Metro Naga Sports Complex
- (g) City Hall Main Building;
- (h) Solid Waste Management and Motorpool Building;
- (i) City College of Naga annex (Almeda Highway)
- (j) Barangay halls and other facilities
- (k) Other facilities as may be identified by the Board.

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All proposed facilities or buildings to be constructed by City Government of Naga must include the RWCFs.

SECTION 7. - Rainwater Management Board. - There is hereby created a Rainwater Management Board to implement its mandates and oversee the implementation of this ordinance, to be composed of the following:

- Chairperson - City Mayor
- Co-Chairperson - SP Chairman, Committee on Environment
- Members - SP Chairman, Committee on Infrastructure
- SP Chairman, Committee on Public Safety
- City Engineer/ City Building Official
- City Planning and Development Coordinator
- General Services Officer
- City Treasurer

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- Head, Housing Settlements and Development Office
- Head, Investment Promotions Office
- Department Head, City Events, Public Information and Promotions Office
- President, Metro Naga Chamber of Commerce and Industry
- President, Liga ng mga Barangay

The CEPPPIO shall provide secretariat functions to the Board.

SECTION 8- Functions of the Board. -

- a) To develop the corresponding **Implementing Rules and Regulations** (IRR) for the Residential, Institutional, Industrial and Commercial RWCF within 90 days from the effectivity of this Ordinance.

In crafting the IRR, the following, among others, must be considered:

- 1) The designs and specifications, including prototypes and maintenance guide thereto shall be incorporated in the manual to be prepared jointly by the CEO and CPDO, and subject to the approval of the Board;
- 2) The grant of benefits and tax incentives, and/or rebates to commercial establishments to encourage compliance and adaptation of the same as well as provide appropriate sanctions for non-compliance thereof;

The IRR shall form part of this Ordinance.

- b) To provide technical assistance to establishments/institutions in their compliance of the provisions of this ordinance and the corresponding IRR.
- c) To prepare a database of new and existing establishments/institutions with RWFS or similar facilities, and submit the same to the Sangguniang Panlungsod for its information and appropriate action;
- d) To adopt strategies that will extensively promote and advocate rainwater harvesting and implement a mass media plan for regular information dissemination campaign of this Ordinance.

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RWFS

SECTION 9. - Penal Provisions. - The following shall be observed in the implementation of this ordinance.

Punong Barangays of non-complying barangays shall be censured and corresponding budget for the ensuing year shall be not be approved by the Sangguniang Panlungsod until after the corresponding budget for the installation of the RCF shall have been included thereto.

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Department heads/Chiefs of Offices of the City Government who failed to incorporate in their annual budget the construction of RCFs, shall be liable for simple neglect of duty and shall be appropriately dealt with.

SECTION 10. - Funding and Appropriations. -The necessary amount as recommended by the Rainwater Management Board is hereby set aside to ensure the proper implementation of this Ordinance beginning Calendar Year 2022 and every year thereafter.

SECTION 11. - Separability Clause. - Should any provision in this ordinance be declared unconstitutional by any competent court, the remaining provisions shall remain valid and legal.

SECTION 12. - Repealing Clause. - Any ordinance, rules and regulations and executive issuances found inconsistent with the provisions of this ordinance are hereby repealed and/or modified accordingly.

SECTION 13. - Effectivity. - This ordinance shall take effect after fifteen (15) days following the completion of its publication in a newspaper of local circulation and posting requirements.

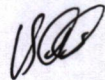
ENACTED: May 11, 2021

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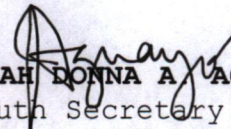
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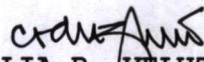
WE HEREBY CERTIFY to the correctness of the foregoing ordinance.



GIL A. DE LA TORRE
Secretary to the
Sangguniang Panlungsod



JOHANNAH DONNA A. AGUAYO
City Youth Secretary to the
Sangguniang Panlungsod



CECILIA B. VELUZ-DE ASIS
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CHRISTOBAL S. CAMBE
City Youth Vice Mayor &
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