



Republic of the Philippines
SANGGUNIANG PANLUNGSOD

City Government of Pasig

Ordinance No. 13
Series of 2017

AN ORDINANCE PROVIDING FOR THE SETTING UP/ESTABLISHMENT OR RAINWATER COLLECTION SYSTEM IN EVERY BARANGAY, RESIDENTIAL AREAS AND CONDOMINIUM UNITS IN THE CITY OF PASIG.

Authored By: Councilor Alejandro E. Santiago
Co-Authored By: Councilors Rodrigo B. Asilo, Ferdinand A. Avis, Regino S. Balderrama, Orlando R. Benito, Rhichie Gerard T. Brown, Mario C. Concepcion, Jr., Rosalio D. Martires, Corazon M. Raymundo, Gregorio P. Rupisan, Jr., Wilfredo F. Sityar, Victor Ma. Regis N. Sotto, and LIGA Pres. Celestino U. Chua

WHEREAS, R.A. No. 6716 of 1989 also known as the "Rainwater Collector and Spring Development Law" promotes rainwater collection system as a mechanism to promote water conservation and control flooding;

WHEREAS, the initial rainwater collector standards prepared by the DPWH are varying types suited to differing needs, conditions, space/site availability, requirement for flexibility as the same pertains to transportability/ transferability, materials and type of construction and cost;

WHEREAS, the City of Pasig, in pursuit of its Green City objectives and in mitigating the impact of excessive rainfall and drought requires the enactment of regulatory measures to promote the construction and active use of rainwater collectors for buildings and residential areas for water conservation and storage to provide water for specific applications such as toilet flushing, gardening, car wash, dishwashing and other non-potable use.

WHEREAS, the City Government of Pasig, in pursuit of its development goals and objectives, requires the enactment of regulatory measures to promote the construction and active use of rainwater collectors for buildings, in aid of translating its overall planning goals and objectives into reality, specifically those related to water conservation, flood control and the enhancement of the general environment, both built and natural;

NOW, THEREFORE, on motion duly seconded, the SangguniangPanlungsod of Pasig, in session assembled do hereby ordained that:

ARTICLE I – TITLE OF THE ORDINANCE

Section 1. TITLE– This Ordinance together with its annexes and other pertinent future national government issuances relating to R.A. No. 6716, shall be collectively known as the "Pasig City Rainwater Collector Ordinance of 2017 ("RC-O.17").

ARTICLE II – AUTHORITY AND PURPOSE

Section 2. AUTHORITY– The RC-O.17 is enacted pursuant to the provisions of the Local Government Code (LGC) of 1991, Republic Act No. 7160, and with R.A. No. 6716.



Handwritten signature

Handwritten signature
Handwritten signature
Handwritten signature

Handwritten signature

Handwritten signature
Handwritten signature



Republic of the Philippines
SANGGUNIANG PANLUNGSOD
City Government of Pasig

Ordinance No. 13
Series of 2017

-page2-

AN ORDINANCE PROVIDING FOR THE SETTING UP/ESTABLISHMENT OR RAINWATER COLLECTION SYSTEM IN EVERY BARANGAY, RESIDENTIAL AREAS AND CONDOMINIUM UNITS IN THE CITY OF PASIG.

2.1 Putting up of a RCS (Rainwater Collection System) will be a mandatory requirement in the issuance of new building permit. Existing Building and Establishment including Residential before the enactment of the Ordinance will be on a Voluntary Basis.

2.2 Proper harvesting, storage and utilization shall be integrated with proper design, construction and maintenance of drainage system. Storage tank should store at least 25% of the average monthly rainfall that can be collected from catchment surface. The formula as follows:

V = REQUIRED VOLUME OF THE RAINWATER STORAGE
A = CATCHMENT SURFACE
R = AVERAGE MONTHLY RAINFALL OF THE AREA
E = EFFICIENCY OF THE SYSTEM

$$V = A \times R \times E$$

2.3 Pervious and impervious surfaces in roads, open air parking area, recreational and sport facilities and other large open establishments shall be designed to catch rainwater to reduce storm water peak flow and surface runoff.

Section 3. PURPOSES – The RC-O.17 is enacted for the following purposes:

1. To promote and protect the health, comfort, convenience and general welfare of the inhabitants of the City of Pasig, through the construction and active use of rainwater collectors for buildings;
2. To increase awareness of and to realize the intertwined concepts/ concerns of water conservation, flood control and the enhancement of the general environment, both built and natural;
3. To enhance the character and stability of residential, commercial, industrial, institutional, utility/transportation, open space and other functional areas within Pasig City and promote the orderly and beneficial development of the same; and
4. To guide the LGU and the private sector in their development decisions.

Implementation

*Charles R. Boni
City Engineer*

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]



Republic of the Philippines
SANGGUNIANG PANLUNGSOD
City Government of Pasig

Ordinance No. 13
Series of 2017

-page3-

AN ORDINANCE PROVIDING FOR THE SETTING UP/ESTABLISHMENT OF RAINWATER COLLECTION SYSTEM IN EVERY BARANGAY, RESIDENTIAL AREAS AND CONDOMINIUM UNITS IN THE CITY OF PASIG.

Section 4. SUPPLETORY EFFECT OF OTHER LAWS AND DECREES

– The provisions of this RC-O.17 shall be without prejudice to the application of other valid and subsisting laws, and other valid executive or administrative orders vesting national agencies with jurisdiction over specific land areas or development-related activities or building uses/occupancies, which shall remain in full force and effect.

Section 5. RAINWATER COLLECTORS (RC) AS A REQUIRED COMPONENT OF BUILDING PLANS AND DESIGNS, PERMITTING AND SIGNATORIES THERETO

– Detailed plans and designs for rainwater collection (RC) provisions shall henceforth form part of all plans and designs for all new buildings and all existing buildings that are the subject or renovation, retrofit, expansion, renovation, rehabilitation, including their respective grounds, and like activities. As such, the said RC plans and designs shall be signed and sealed by a duly registered and licensed Master Plumber (if the RC is located within buildings walls) or by a duly registered and licensed Sanitary Engineer (if the RC is located outside the exterior building walls or sited at the building grounds). The permit for RCs shall be integral with the Sanitary Permit. The professional responsibility for the RC shall be covered under the applicable Professional Regulatory Law (PRL) while the civil liability for such shall be primarily under Article 1723 of R.A. No. 386, the 1949 New Civil Code of the Philippines.

5.1 Under the ordinance, building designs must incorporate a rainwater catchment system before being issued a building permit.

5.2 "RCS designs need not be complicated; it can be as simple as placing an empty container under a gutter or a downspout so that the rainwater will be harvested,"

Section 6. ANNUAL INSPECTIONS, MONITORING & EVALUATION OF RAINWATER COLLECTORS (RC) AT COMMERCIAL, TRANSPORTATION, UTILITY, HIGH DENSITY RESIDENTIAL AND INSTITUTIONAL OCCUPANCIES

– All constructed and operated rainwater collectors shall be inspected annually and the appropriate inspection fees levied thereto.

6.1 A Rainwater Management Committee (RMC) will be created as the primary implementing body (+ provider of technical assistance services). The Committee will be composed of:

- a.) Water Management Office (Engineering Department)
- b.) Office of the Building Official (OBO)
- c.) City Planning and Development Office



Republic of the Philippines
SANGGUNIANG PANLUNGSOD

City Government of Pasig

Ordinance No. 13
Series of 2017

-page4-

AN ORDINANCE PROVIDING FOR THE SETTING UP/ESTABLISHMENT OR RAINWATER COLLECTION SYSTEM IN EVERY BARANGAY, RESIDENTIAL AREAS AND CONDOMINIUM UNITS IN THE CITY OF PASIG.

- d.) Office of the Chairman, Committee on Ecology and Environmental Protection
- e.) NGO Representative
- f.) CENRO as the Secretariat

6.2 **Monitoring** – RMC (Rainwater Management Committee) to establish and update a database on all RCS (Rainwater Collection System) in Pasig City.

6.3 **Evaluation** – RMC to evaluate the impact of rainwater harvesting

Section 7. USE OF THE COLLECTED RAINWATER AND MAINTENANCE OF THE RC – The collected rainwater may be used for non-potable use such as for car washing, cleaning and toilet flushing, gardening, dishwashing, etc. The RC and the rainwater within must always be kept free of any foreign bodies, algae and similar organic or inorganic elements.

Section 8. INCENTIVE PROGRAMS & UNDERTAKINGS– A Collected Ecological and Sealing Fees will be used for granting subsidies and tax rebates to owners who complied with the ordinance on installing the RCS. Undertakings prior to implementation are as follows:

8.1 **Comprehensive Rainwater Management Information and Education** – promote and advocate harvesting, providing information on advantages and benefits of rainwater harvesting.

8.2 **Research and Development** – RMC will collaborate with academe, DOST, other professional organizations and other entities for appropriate technology in harvesting.

8.3 **Media Campaign on Rainwater Education** – RMC through Pasig Information Office (P.I.O.) will prepare and implement a communications plan for a regular campaign and advocacy.

Section 9. AMENDMENTS – The amendment, alteration and/or repeal of this RC-O.17, and its annexes, shall be subject to the review and evaluation of the Office of the Building Official (OBO) and public hearing, to be approved through a three-fourths (3/4) vote of the *SangguniangPanlungsod*. Any amendment shall take effect only after the approval by the City Mayor.

Section 10. ADDITIONAL INTERPRETATIONS– The OBO, in full collaboration with the Office of the City Engineer (OCE) shall prepare additional interpretations similar to the DPWH Annexes and the pertinent schedules/matrices to specifically address other types of land uses and building occupancies,



Republic of the Philippines
SANGGUNIANG PANLUNGSOD

City Government of Pasig

Ordinance No. 13
Series of 2017

-page5-

AN ORDINANCE PROVIDING FOR THE SETTING UP/ESTABLISHMENT OR RAINWATER COLLECTION SYSTEM IN EVERY BARANGAY, RESIDENTIAL AREAS AND CONDOMINIUM UNITS IN THE CITY OF PASIG.

consistent with the classifications appearing in P.D. No. 1096, the 1977 National Building Code of the Philippines (NBCP) and its 2004 Revised IRR. Such additional interpretations and schedules/matrices shall be presented in a public hearing for general public guidance;

Section 11. VIOLATION AND PENALTY – Unless otherwise provided in this RC-O.17, any person who violates any of its provisions shall upon conviction, be punished by a fine of not less than Five Thousand Pesos (₱5,000.00) or an imprisonment not exceeding one (1) year or both at the discretion of the Court. In case of violation by a corporation, partnership, cooperative or association, the manager, managing partner, director or the person charged with the management of such corporation, partnership, cooperative or association shall be responsible therefore.

The foregoing may be concurrent or separate from the penalties imposed under R.A. No. 6716, a valid and subsisting national law, upon the discretion of a competent court of law.

11.1 Penalties for Non-Compliance :

a.) Residential :

First Offense	Php 1,000.00
Second Offense	Php 2,000.00
Third Offense	Php 3,000.00

b.) Commercial and Industrial (Quarterly Basis):

First Offense	Php 2,000.00
Second Offense	Php 4,000.00
Third Offense	Php 5,000.00

Section 12. SEPARABILITY CLAUSE– Should any section or provision of this RC-O.17 be declared by the Court to be unconstitutional or invalid, such decision shall **not** affect the validity of the RC-SO.17 as a whole or any part thereof other than the part so declared to be unconstitutional or invalid.

Section 13. REPEALING CLAUSE – All previous ordinances, rules or regulations or parts thereof which are contrary to or inconsistent with any provision of this RC-O.17 are hereby repealed or modified accordingly, provided that the rights that have been vested upon the effectivity of the previous ordinances shall **not** be impaired.

Section 14. EFFECTIVITY CLAUSE – This RC-O.17 covering Pasig City, including its Annexes shall become effective three (3) weeks after publication in a newspaper of local circulation in Pasig City. Simultaneously, a notice shall also be

Peralleana

[Handwritten signature]

*Clara R. J. Bant...
City Clerk*

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]



Republic of the Philippines
SANGGUNIANG PANLUNGSOD
City Government of Pasig

Ordinance No. 13
Series of 2017

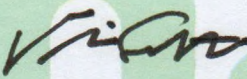
-page6-


AN ORDINANCE PROVIDING FOR THE SETTING UP/ESTABLISHMENT OR RAINWATER COLLECTION SYSTEM IN EVERY BARANGAY, RESIDENTIAL AREAS AND CONDOMINIUM UNITS IN THE CITY OF PASIG.

posted at the main entrances of the City and *Barangay* Halls to the effect that the pertinent documents shall be available for examination at the OB


Electronic copies of this RC-O.17 and its Annexes shall be made available by the OBO free of charge, at anytime after its effectivity date.


APPROVED, this 20th day of **April 2017** at Pasig City.

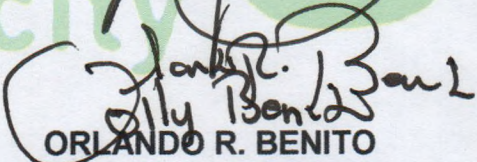

VICTOR MA. REGIS N. SOTTO
Councilor

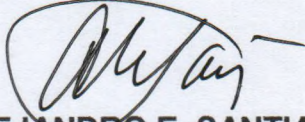

RODRIGO A. ASILO
Councilor


GREGORIO P. RUPISAN JR.
Councilor

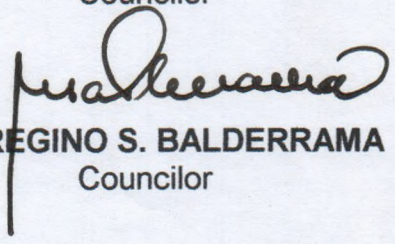

MARIO C. CONCEPCION, JR.
Councilor


RHICHIE GERARD T. BROWN
Councilor


ORLANDO R. BENITO
Councilor


ALEJANDRO E. SANTIAGO
Councilor

CORAZON M. RAYMUNDO
Councilor


REGINO S. BALDERRAMA
Councilor


ROSALIO D. MARTIRES
Councilor

CELESTINO U. CHUA
LIGA President




Republic of the Philippines
SANGGUNIANG PANLUNGSOD
City Government of Pasig

Ordinance No. 13
Series of 2017

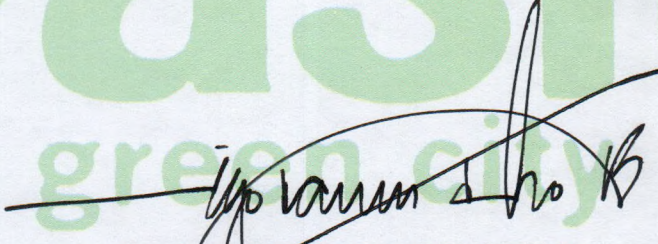
-page7-

AN ORDINANCE PROVIDING FOR THE SETTING UP/ESTABLISHMENT OR RAINWATER COLLECTION SYSTEM IN EVERY BARANGAY, RESIDENTIAL AREAS AND CONDOMINIUM UNITS IN THE CITY OF PASIG.

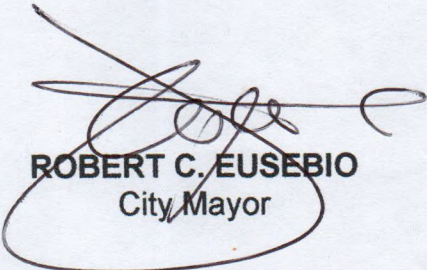

FERDINAND A. AVIS
Councilor
Minority Floor Leader


WILFREDO F. SITYAR
Councilor
Majority Floor Leader

Attested by:


IYO CHRISTIAN C. BERNARDO
City Vice-Mayor
Presiding Officer

APPROVED:


ROBERT C. EUSEBIO
City Mayor

Attested by:


REYNALDO R. SAN BUENAVENTURA III
Acting City Council Secretary

My Bonds

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]