



Republic of the Philippines  
OFFICE OF THE PRESIDENT  
**PHILIPPINE RECLAMATION AUTHORITY**

7<sup>th</sup> floor, Legaspi Towers 200 Bldg., 107 Paseo De Roxas St., Legaspi Village, 1226 City of Makati  
Tel. No.: (02) 459-5000 • Facsimile No.: (02) 815-2662  
Website: www.pea.gov.ph • Email: info@pea.gov.ph

**PHILIPPINE RECLAMATION AUTHORITY (PRA)**  
[formerly Public Estates Authority (PEA)]  
**ADMINISTRATIVE ORDER NO. 2019-5**

**RULES AND REGULATIONS TO GOVERN THE  
MANDATORY INTEGRATION OF GREENSPACES IN  
RECLAMATION PROJECTS**

Pursuant to Section 16 of Article II of the 1987 Philippine Constitution regarding the right of the Filipino people to a balanced and healthful ecology in accord with the rhythm and harmony of nature, Presidential Decree No. 1151 (Philippine Environmental Policy), Section 5 paragraph 16 of Presidential Decree No. 1084 dated February 4, 1977 and Section 2 of Executive Order No. 525 dated February 14, 1979, the following rules and regulations are hereby issued requiring the mandatory integration of Greenspaces in all reclamation projects.

**Introduction:**

The Philippines' high exposure and vulnerability to natural hazards like earthquakes, typhoons, tsunamis, flooding, aggravated by the impacts of climate change particularly in many urban and coastal areas, prompted the National Government including the PRA, to formulate creative and sustainable plans of action for disaster risk reduction, climate change adaptation and community resilience. For these reasons, the PRA deemed it necessary to mandate the integration of Greenspaces in all reclamation projects.

Greenpace is a primary urban land use that helps limit urban carbon footprint and provides range of benefits. It moderates the impact of human activities by absorbing pollutants and releasing oxygen, contributes to the maintenance of healthy urban environment by providing clean air, water and soil and improves the urban climate. Greenpace is a soft engineering strategy for climate change adaptation through the establishment of landscaped public open spaces in urban and urbanized areas that are vulnerable to natural hazards or human-induced disasters.

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## Section 1. Rationale

PD 1151 (Philippine Environmental Policy) declared a continuing policy of the State (a) to create, develop, maintain and improve conditions under which man and nature can thrive in productive and enjoyable harmony with each other, (b) to fulfill the social, economic and other requirements of present and future generations of Filipinos, and (c) to insure the attainment of an environmental quality that is conducive to a life of dignity and well-being. It is also a policy of the Government to efficiently regulate and manage reclamation projects and to ensure that reclamation projects are undertaken and developed responsibly.

Greenspaces shall be included in the reclamation project's overall sustainable development plan and climate change adaptation program, to form part of the compliance with the reforestation and carbon sink program required for development projects to mitigate greenhouse gas (GHG) emission.

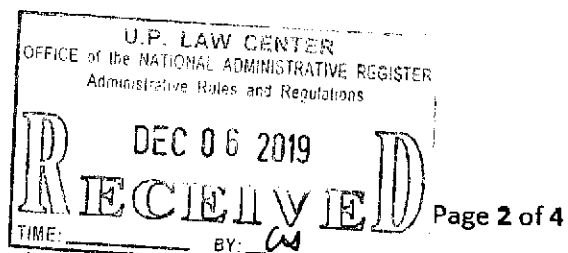
## Section 2. Coverage

These rules and regulations shall cover all reclamation project proposals and reclamation components of development or infrastructure projects submitted to PRA for approval, including those that have been approved by the PRA Governing Board but are yet to be implemented upon the effectivity of these rules and regulations.

## Section 3. Definition of Terms

Climate Change Adaptation - a response to global warming (also known as "climate change"), that seeks to reduce the vulnerability of social and biological systems to relatively sudden change and thus offset the effects of global warming.

Greenspace – refers to the public open spaces within reclaimed land and/or reclamation components of development or infrastructure projects established for mini-forest, eco-parks or small nature parks set apart for recreational purposes that are readily accessible to the public. The center island of the road right of way (RROW), even if it is vegetated and planted with trees, shall not form part of the Greenspaces since it is not publicly accessible for recreational purpose.



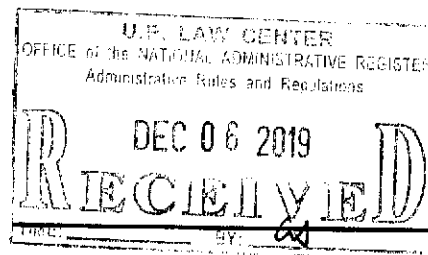
Reclamation – the deliberate process of converting foreshore land, submerged areas or bodies of water into land by filling or other means using dredge fill and other suitable materials for specific purpose/s.

Roads and Open Spaces (ROS) – the area equivalent to thirty percent (30%) of the total project size reserved exclusively for roads, parks and green spaces, playgrounds, recreational uses and other similar facilities and amenities. The 30% ROS is inclusive of the greenspaces.

Sustainable Development – refers to the development objective of meeting the needs of the present generation without compromising the ability of the future generations to meet their own needs consistent with the principles of social equity, efficiency and environmental integrity.

#### Section 4. Guidelines

- 4.1. Five percent (5%) of the area to be reclaimed shall be exclusively intended for greenspaces and developed for mini-forest, eco-parks or small nature parks set apart for recreational purposes that are readily accessible to the public. The mandatory non-saleable thirty percent (30%) requirement for roads and open spaces (ROS) shall be inclusive of the 5% greenspaces. For reclamation projects intended for ports, airports and similar developments (reclamation components) where the 5% greenspace is not viable, the proponent is required to adopt an equivalent “reforestation project” of the DENR to compensate for the Green House Gas (GHG) emission resulting from the development and operations of the project.
- 4.2. Greenspaces should be clearly identified and included in the Master Site Development Plan of the reclamation and development project, strategically located in such a way that it will be accessible to the general public.
- 4.3. Subject to Section 4.1 herein, the five percent (5%) Greenspaces should be developed in one contiguous lot or parcel per island of the reclamation project.
- 4.4. The mandatory buffer zones or easements along the bay and drainageways even when landscaped shall not form part of the Greenspace. The planting strips along the roads, even when planted and vegetated on natural ground, are part of the Road Right of Way (RROW) and shall not form part of the 5% mandatory Greenspace.



**Section 5. Compliance**

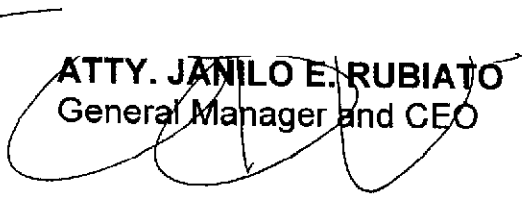
- 5.1. The integration of Greenspaces in the Master Site Development Plan shall form part of the pre-construction requirements for the reclamation projects.
- 5.2. Upon completion of the reclamation and development project, PRA shall conduct a survey to validate compliance with these rules and regulations which shall form part of the requirements for the final acceptance of the project by PRA.

**Section 6. Effectivity**

This Order shall take effect immediately upon publication in a newspaper of general circulation and UP Law Center.

**PHILIPPINE RECLAMATION AUTHORITY**

BY: - Original signed -

  
**ATTY. JANILO E. RUBIATO**  
General Manager and CEO

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