



Republic of the Philippines
SANGGUNIANG PANLUNGSOD
City of Mandaluyong

ORDINANCE NO. 510, S-2013

**AN ORDINANCE ESTABLISHING SEPTAGE MANAGEMENT
SYSTEM IN THE CITY OF MANDALUYONG**

- SECTION 1. TITLE. This Ordinance shall be known as "*Ordinance Establishing a Septage Management System in the City of Mandaluyong*".
- SECTION 2. It is a declared policy of the City of Mandaluyong to share in the responsibility in the management and improvement of water quality within its territorial jurisdiction. To meet these objectives, the City shall prescribe and implement measures designed to prevent and control water pollution to promote public health and safety.
- SECTION 3. The City of Mandaluyong hereby prescribes the following sewerage and septage management principles to prevent and control water pollution, as follows:
- a. All buildings and structures whether residential, commercial, industrial and government offices and institutions are hereby required to have proper sewage treatment or septage management system. Untreated excreta from residential areas without septic tanks and untreated wastewater from industrial and public establishments shall not be discharged to open drainage canals or piped drainage systems.
 - b. No wastewater shall be discharged to the environment without any proper treatment.
- SECTION 4. DEFINITION OF TERMS. As used in this Ordinance, the following terms shall mean as follows:
- a. Desludging refers to a process of cleaning or removing the accumulated domestic sludge or septage.
 - b. Domestic Sludge refers to a solid particle of domestic sewage which settles at the bottom of the sedimentation tank and is digested by anaerobic bacteria purely from domestic sources.
 - c. DENR refers to the Department of Environment and Natural Resources.
 - d. DOH refers to the Department of Health.
 - e. EMB refers to the Environment Management Bureau.
 - f. Septage refers to a combination of scum, sludge and liquid from household septic tanks.
 - g. Hygienic Septic Tank refers to a septic tank with no openings at the bottom of the slab; closed structure so as not to allow the leaching of liquid or solid wastes to the surrounding soil or ground.

- h. Septic Tank refers to a watertight receptacle, which receives the discharge of a sanitary plumbing system or part thereof designed and constructed to accomplish the sedimentation and digestion of the organic matter on the sewage within the period of detention/retention and to allow the liquid to discharge to a leaching field, sewer lines, a combined sewerage network or directly to a secondary wastewater treatment facility in accordance with the standards set forth by the Revised National Plumbing Code of the Philippines.
- i. Septage Treatment Plant refers to a series of structures purely for the process of treating septage (from septic tanks) in order to comply with DENR effluent standards.
- j. Sewage refers to any wastewater containing human, animal or vegetable waste matter in suspension or solution including human excreta and urine and may possibly contain liquids consisting of chemicals in solution.
- k. Sewer refers to an artificial pipe or conduit for carrying sewage and wastewater.
- l. MWSS refers to Manila Water and Sewerage System.
- m. Wastewater Treatment Plant refers to a series of structure that will process the treatment of sewage, mostly from domestic origin, but may include pre-treated liquid wastes from industries and similar establishments.

SECTION 5. SEWAGE DISPOSAL SYSTEM. All residential, commercial, industrial establishments and government institutions in the City of Mandaluyong shall, henceforth, be required to have a proper sewage disposal system such as septic tank for residences and sewage treatment facility for public or commercial establishments and government institutions.

- a. EXISTING FACILITIES. All residential houses and buildings must have a hygienic septic tank, as defined in Section 4 (g) above, that is compliant with national standard, provided, however, that no structure must be built on top of septic tank to ensure that it is accessible at all times.

Owners of commercial, industrial and institutional buildings or facilities shall have an operational wastewater treatment facility either on-site or by service off-site. The said facility shall conform to the standards of EMB-DENR and DOH.

- b. NEW FACILITIES. No Building Permit shall be issued for residential dwelling units, commercial, industrial, institutional, recreational structures unless the design of the sanitary plumbing and septic tank or wastewater treatment facility conforms to the specifications prescribed by national standards.

Facilities in sewer areas utilizing either combined or separate sewer systems are required to provide the appropriate pre-treatment facilities prior to discharge wastewater to drainage. The City Building Official is hereby required and directed to evaluate the compliance of facilities to the Pre-Treatment standards set by DENR.

Communal or shared septic tanks can be used alternatively, wherever feasible, particularly for existing clustered structures that are highly dense and characterized by lack of inadequate land space. The design and the manifest of ownership and joint maintenance of shared septic tanks shall require the approval process by the Building Official of the City.

SECTION 6. MANDATORY DELUDGING OF SEPTIC TANKS. All owners and users of septic tanks are required to deludge it on an average of once every three (3) to five (5) years or when the sludge volume is around one third (1/3) of the total volume of the septic tank, whichever comes earlier.

Septic tanks shall be accessible at all times. Further, no structure shall be built on top of any septic tank.

Inaccessible septic tanks shall be repaired, upgraded or replaced by a new one as may be directed by the Building Official to ensure accessibility and for purposes of deludging at the sole expense of its owner or user.

The inspection and opening of septic tanks shall only be by Sanitary Inspectors or officials duly authorized by Building Official and/or representatives of the MWSS or any of its concessionaires.

Violation of this provision shall subject the owner and/or user of the septic tank to the penalty prescribed in Section 15.

SECTION 7. DESIGN OF SEPTIC TANKS. All septic tanks shall be designed to exclude stormwater/flow from downspouts and such other requirements and specifications as provided by national standards. The Building Official is mandated to ensure that the appropriate standard designs of septic tanks shall be enforced in the plan approvals and inspection procedures.

SECTION 8. REGULATION OF DESLUDGER. Liquid and/or solid materials removed from septic tanks shall be transported by accredited septage hauler/pumper to the approved septage treatment facilities pursuant to the regulations prescribed by the DOH. Unless otherwise provided by law, no septage hauler/plumber shall be allowed to collect, transport and unload or dispose of septage in other places, including bodies of water, agricultural fields, and the drainage system within the City.

SECTION 9. PERMITTING REQUIREMENTS. All entities applying for Business and Building Permits are required to obtain an Environmental Sanitation Clearance (ESC) as part of the requirements for issuance of Building Permits and annual Business Permits from the City of Mandaluyong.

SECTION 10. INSTITUTIONAL ARRANGEMENTS. The City Health Office or any office authorized by the Mayor shall have the following responsibilities in implementing this Ordinance:

- a. ON INSPECTION. Assist the City Building Official in designating field inspectors that will check on the general design, construction and maintenance requirement of septic tanks in subdivisions, commercial and business establishments. For existing commercial establishments, factories and dwelling units, it will assist the Building Official in inspecting facilities to ensure compliance with the law as to wastewater treatment facilities and/or septic tanks.
- b. DATABASE. Together with the Planning and Development Office, it will keep a robust database of all owners/administrators of buildings, facilities and structures who have desludged their septic tanks, those that are inaccessible, those that do not have septic tanks, and those that do not have water sealed toilets, and other data that may be deemed necessary.
- c. TRANSPORT OF SEPTAGE. Enforce the rules and regulations set forth by the DOH and EMB-DENR in handling, transporting treatment and disposal of septage. Further, it will implement an accreditation system and operational guidelines for private desludging service providers that intend to operate in the city, including but not limited to securing an Environmental Sanitation Clearance (ESC) consistent with the prescribed DOH regulations.
- d. SANITARY PERMITS. Assist the City Health Office in issuing Sanitary Permits for all treatment and collection facilities and develop their own procedures for periodic inspections of facilities and equipment, and training programs for septage workers.
- e. OPENING OF SEPTIC TANKS. Assist Barangay officials in opening septic tanks during inspection in coordination with the Sanitary Inspectors of the City.
- f. ENFORCEMENT. Assist in the enforcement of sewer connection and detect those who disconnect with illegal tapping.
- g. MONITORING. Perform regular monitoring of construction to prevent encroachment of easement and waterways and implement water quality monitoring activities within the area.

- h. **INFORMATION AND EDUCATION CAMPAIGN.** Implement an information and education campaign about the proper wastewater management and to increase level of awareness and commitment of the public to address problems on water pollution control, sewerage and sanitation.

SECTION 11. USER FEES. Residential and commercial/institutional or structure owners shall have their septage desludged and treated once every five years for free by the water concessionaires in Metro Manila. All residential and commercial/institutional building or structure owners shall pay an amount of One Thousand Pesos (P1,000.00) for the desludging of their septic tanks and treatment of the septage in excess of that contained in the concessionaire's contract. The City of Mandaluyong may raise funds to subsidize necessary expenses for the operation and maintenance of sewerage treatment or septage facility servicing their area of jurisdiction through local property taxes and enforcement of a service fee system.

SECTION 12. MANDATORY CONNECTION OF FACILITIES TO SEWER LINES. Building or premises producing sewage shall connect to the sewer main lines in all areas where it exists.

The City shall assist the concessionaire to connect the existing sewage line found in all subdivisions, condominiums, commercial centers, hotels, sports and recreational facilities, hospitals, market places, public buildings, industrial complex and other similar establishments including households to available sewerage system, provided, however, that the said connection shall be subject to sewerage services charge/fees in accordance with existing laws, rules or regulations unless the sources had already utilized their own sewerage system.

SECTION 13. MAINTENANCE OF DRAINAGE. The City shall maintain its drainage system in a sanitary state and in good condition.

SECTION 14. PROHIBITED ACTS. The following acts are prohibited:

1. Littering, throwing, dumping of waste matters in public places such as road, sidewalks, canals, esteros or parks and establishment or causing or permitting the same.
2. Refusal to desludge as required by this Ordinance.
3. Refusal of any person to connect its sewage lines to available sewerage lines

SECTION 15. PENALTIES. Any person who fails to comply with the provisions of this Ordinance within one (1) year from the date of its effectivity shall be liable to pay the following fines for every violation thereof, as follows:

a.	FIRST OFFENSE	P 3,000.00
b.	SECOND OFFENSE	P 5,000.00
c.	THIRD OFFENSE	Revocation of License for commercial establishments or factories

In addition, any person who commits any of the acts prohibited under this Ordinance three (3) or more times shall be punished with imprisonment of not less than one (1) month and one (1) day, but not more than six (6) months, at the discretion of the court.

The City shall post in its Bulletin Board and website the names of persons or entities who violate this Ordinance more than twice.

SECTION 16. FUNDING. The City Government of Mandaluyong shall appropriate necessary funds to sustain the implementation of this Ordinance.

SECTION 17. SEPARABILITY CLAUSE. If any part or provision of this Ordinance shall be held unconstitutional or invalid, the other parts or provisions not otherwise affected shall remain in full force and effect.

SECTION 18. REPEALING CLAUSE. All ordinances or provision of previous ordinances that are inconsistent with this Ordinance are hereby repealed.

SECTION 19. FINAL PROVISION. This Ordinance shall take effect fifteen (15) days after publication in a newspaper of general circulation in the City of Mandaluyong.

ENACTED on this 25th day of February, 2013 in the City of Mandaluyong.

I HEREBY CERTIFY THAT THE FOREGOING ORDINANCE WAS ENACTED AND APPROVED BY THE SANGGUNIANG PANLUNGSOD OF MANDALUYONG IN REGULAR SESSION HELD ON THE DATE AND PLACE FIRST ABOVE GIVEN.

ATTESTED:


DANILO L. DE GUZMAN
City Vice Mayor &
Presiding Officer

APPROVED:


JIMMY D. LACEBAL
Sanggunian Secretary


BENJAMIN DC. ABALOS, JR.
City Mayor

Date: MAR 05 2013