

***ACTION No.10: MONITORING OF POLLUTION
GENERATORS ALONG WATERWAYS
(Wastewater discharge of Residential,
Commercial and Industrial Establishments)***

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MANILA BAY CLEAN-UP, REHABILITATION AND PRESERVATION (MBCRP)

SPECIAL ACTION TEAM SURVEY

INTRODUCTION

The City of Parañaque has 46.57 square kilometers total land area which makes it the third largest in National Capital Region (NCR). It is subdivided into sixteen (16) barangays with two (2) distinct districts. The City is bounded by Pasay City on the North, Muntinlupa on the southeast, Las Piñas on the southwest, Taguig in the northeast and Manila Bay on the west. The City is relatively flat and situated along the coastline of six (6) barangays in District 1 namely, Baclaran, Tambo, Don Galo, Sto. Niño, La Huerta and San Dionisio.

All the water bodies in the National Capital Region are classified as Class SC, water used in commercial and sustenance fishing, boating and for marshy and/or mangrove areas that serves as fish and wildlife sanctuaries, except for Manila Bay which is now under Class SB, water used for spawning areas for milkfish, for ecotourism and recreational activities and can be used by the public for bathing, swimming, and skin diving.

According to National Water Resources Board (NWRB), the Philippines' existing water resources comes from Marine Waters, Groundwater and Inland Waters. Inland Waters include the country's lakes and rivers. There are 99 lakes (16 major and 83 minor lakes) and 421 principal and 18 major rivers. Out of 421 rivers, 180 are polluted and 50 are biologically dead and 4 rivers are from Metro Manila which includes the Las Piñas – Parañaque River that is connected to Manila Bay.

THE MANILA BAY CASE AND THE WRIT OF CONTINUING MANDAMUS

The Concerned Residents of Manila Bay filed a complaint against several government agencies, the Supreme Court issued a continuing Mandamus directing local government units and other concerned government agencies to clean-up, rehabilitate and preserve Manila Bay. The Supreme Court Mandamus directs LGUs to inspect all commercial and industrial establishments, and private homes along the banks of the rivers or other waterways that eventually discharge water into the Manila Bay to determine whether they have wastewater treatment facilities or septic tanks.

To fully comply with the Supreme Court Mandamus, Special Action Team is formed to conduct field and actual inspection of industrial and commercial establishments along waterways. The Special Action Team was composed of representatives from different offices like City Environment and Natural Resources Office (CENRO), City Health Office (CHO) – Sanitation Division, City Engineering Office, City Building Official, City Legal Office, Urban Mission Areas Development Office (UMADO), Business Permits and Licensing Office (BPLO) and City Planning Development and Coordinating Office (CPDCO). The Special Action Team was formed through the Executive Order signed by Honorable Mayor Edwin L. Olivarez (see Appendix 1 and 2).

MANILA BAY CLEAN-UP, REHABILITATION AND PRESERVATION (MBCRP) SPECIAL ACTION TEAM SURVEY

The MBCRP survey was first conducted last 2011 where a number of commercial and industrial establishments were inspected. The next survey was done last 2014, with the help of DILG-Local, that encompasses all commercial and industrial establishments, and private homes in the 1st Level or within five (5) meters from waterways. Last August 17, 2015, the third MBCRP Survey was conducted which lasted until October 9, 2015 that encompasses all commercial and industrial establishments, and private homes in the 2nd Level or within 10-15 meters from waterways.

Here are the pictures taken during the 2015 MBCRP Survey:



Figure 1. MBCRP Special Action Team during a survey of a canteen



Figure 2. MBCRP Special Action Team during a survey of a canteen



Figure 3 & 4. MBCRP Special Action Team surveying SeaOil located in South Super Highway, Merville



Figure 5. Sewerage Treatment Plant (STP) of an Industrial Compound



Figure 6. Interview with the Admin Head of the Industrial Compound

DISCUSSION OF MBCRP SURVEY RESULTS

After the first evaluation of the surveyed establishments and private homes last 2014, it has been reported that six (6) establishments failed to comply with the Manila Bay Mandamus and has been issued with Notice of Violation last February 2015. After a thorough evaluation of the 2014 survey forms, it was found that there were additional fourteen (14) establishments violating the said mandamus and has been issued with NOVs last May 2015. In total, there were twenty (20) non-compliant commercial establishments that were issued with the Notices of Violation.

In private homes, 436 have no septic tanks thus; their wastes go directly to waterways. These private homes were not issued with NOVs instead they were for monitoring in the next MBCRP Survey.

<i>Manila Bay Clean-Up, Rehabilitation and Preservation (MBCRP) Survey 2014 1st Level (within 5 meters easement)</i>				
Commercial Establishments (CEs)				
No. of CEs within the 1 st level	No. of Surveyed CEs	No. of CEs Closed / Refused to Entry	Compliant CEs	Non-Compliant CEs
248	245	3	225	20
Factories (Fs)				
No. of Fs within the 1 st level	No. of Surveyed Fs	No. of Fs Closed / Refused to Entry	Compliant Fs	Non-Compliant Fs
7	5	2	5	0
Private Homes (PHs)				
No. PHs Surveyed within the 1 st level	No. of PHs Refused to Entry	Compliant PHs	Non-Compliant PHs	
1,457	0	1,021	436	

Table 1. 2014 MBCRP 1st Level Survey Summary

A 2nd Level MBCRP Survey was conducted this year and it was reported that there were five (5) commercial establishments and one (1) industrial establishment that discharge wastes directly to waterways while two hundred eighty (280) private homes don't have septic tanks in which their wastes also go directly to waterways. These establishments and private homes are not yet to be issued with NOVs instead they are subjected to further monitoring.

Manila Bay Clean-Up, Rehabilitation and Preservation (MBCRP) Survey 2015 2nd Level (within 10-15 meters easement)				
Commercial Establishments (CEs)				
No. of CEs within the 2 nd level	No. of Surveyed CEs	No. of CEs Closed / Refused to Entry	Compliant CEs	Non-Compliant CEs
224	221	3	216	5
Factories (Fs)				
No. of Fs within the 2 nd level	No. of Surveyed Fs	No. of Fs Closed / Refused to Entry	Compliant Fs	Non-Compliant Fs
7	7	0	6	1
Private Homes (PHs)				
No. PHs Surveyed within the 2 nd level	No. of PHs Refused to Entry		Compliant PHs	Non-Compliant PHs
976	0		696	280

Table 2. 2015 MBCRP 2nd Level Survey Summary

A simultaneous monitoring of last year's non-compliant CEs and PHs was done during the 2015 MBCRP Survey. The purpose of the said monitoring is to trace whether the CEs built their own STP or ST and whether the PHs have their own ST.

Three (3) CEs that were reported as non-compliant already sent proof of their compliance and were revisited beforehand. They were not included in the establishments to be monitored during the current survey. There were a total of 65 CEs subjected to monitoring including the 17 non-compliant CEs. The other 48 establishments were the ones that have remarks of "Unknown Location of ST" in the survey forms.

There were a total of 436 non-compliant PHs subjected to monitoring. It was found that a great number of surveyed PHs belong to Informal Settler Families (ISFs) and were subjected for relocation.

A summary of the last year's monitoring is shown in the table on the next page.

Monitoring (CEs and PHs)

Commercial Establishments (CEs)				
No. of CEs for Monitoring	Compliant	Non-Compliant	Others	
65	49	2	2 – Refused to Entry 3 – Closed 9 – Pending	
Private Homes (PHs)				
No. of PHs for Monitoring	ISFs	Compliant	Non-Compliant	Others
436	255 (5 Relocated)	131	24	26 – Cannot Locate

Table 3. Monitoring of 2014 Non-Compliant CEs and PH Summary

As of July 2015, there were 3 establishments that are now compliant out of the 20 non-compliant CEs. After the current survey, there was an additional of 12 establishments that are now compliant.

NON – COMPLIANT COMMERCIAL ESTABLISHMENTS				
As of July 2015				
No. of Non-Compliant CEs	No. of Non-Compliant CEs issued with NOV	Complied after Issuance	Remarks	
20	20	3		
As of November 2015				
No. of Non-Compliant CEs	No. of Non-Compliant CEs for monitoring and issuance of NOV	No. of Non-Compliant CEs issued with NOV	Complied after Issuance	Remarks
27	7	20	15	1 – Refused to Entry 1 – Closed 3 – Not yet Surveyed

Table 4. Summary of Non-Compliant CEs (issued and to be issued with NOV's / subjected for monitoring)

WHAT'S NEXT?

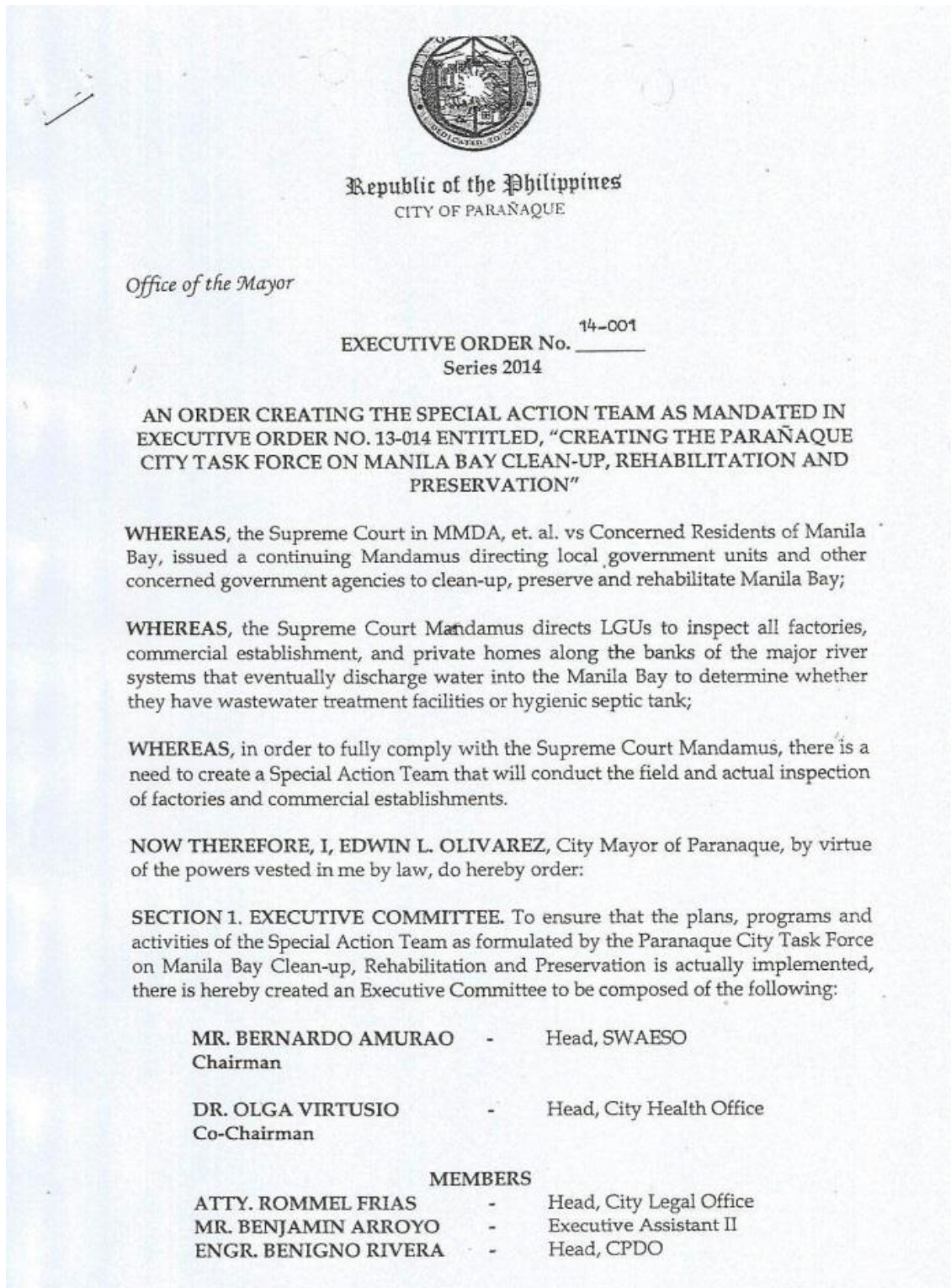
The City Government of Parañaque will monitor the remaining non-compliant commercial and industrial establishments and private homes along waterways and ensure their compliance. A regular inspection would also be done to the waterways and all the nearby establishments / private homes.

If an establishment will be found and prove to be damaging the environment, a warning or a fine and penalty would be implemented. If that establishment failed to comply after the 1st and 2nd offense, revocation of its business license would be executed.

For the ISFs, relocation of the families would be done until the waterways would be clear of the waste generators.

APPENDICES

Appendix 1. Executive Order 14-001



SECTION II. SPECIAL ACTION TEAM. The Special Action Team shall be composed of the following offices/representatives:

CITY BUILDING OFFICIAL

1. Engr. Agustin Guerzon
2. Arch. Yoni Arzaga
3. Gani Viduya
4. Ivan Ison
5. Nonoy Serra
6. Mon Marquez

CITY ENGINEERING OFFICE

1. Victoriano Losa
2. Ralph Racca
3. Elmer Dela Cruz
4. Reynaldo Otsigi
5. Rodrigo Tongonan Jr.
6. Arch. Marysol S. Macasinag

SOLID WASTE MANAGEMENT AND ENVIRONMENTAL SANITATION OFFICE

- | | |
|------------------------|----------------------|
| 1. Wilfredo Fabian | 8. Ronnie Rodriguez |
| 2. Renato Carson | 9. Felipe Moralde |
| 3. Kenneth Carbonida | 10. Ernesto Casaljay |
| 4. Christopher Rosales | 11. Harlem Discutido |
| 5. Victor Maganda | 12. Majestic Rosales |
| 6. Richard Carbonida | 13. Enrico Chua |
| 7. Rogel Donor | |

CITY HEALTH -SANITATION DIVISION CITY PLANNING AND DEVELOPMENT OFFICE

- | | |
|---------------------|-------------------------------|
| 1. Gilbert Santos | 1. Claro Cortes V |
| 2. Leonora Espiritu | 2. Mark Paronable |
| 3. Angelica Matriz | 3. Engorico Lopez |
| 4. Chito Frigillana | DILG-Paranaque Field Office |
| 5. Ronel Rey | 1. Edgar Embestro |
| 6. Luisito Gawaran | 2. Ma. Theresa Balinghasay-Ng |

CITY LEGAL OFFICE

1. Thelma Grace L. Giron
2. Janice L. Carrera
3. Jocelyn H. Jaranilla
4. Ma. Luisa M. Leonardo
5. Ador B. Lipata
6. Philip John B. Manalili

BUSINESS PERMITS AND LICENSING OFFICE

1. Jan Carlo Laurito
2. Rodolfo Eucariza, Jr.
3. Jeffrey Globio
4. Joselito T. Yape
5. Benjamin L. Espiritu
6. Jorge Villafuerte

SECTION III. The Special Action Team shall have the following functions and responsibilities:

- a. Conduct actual inspection of all factories and commercial establishment along the river ways to determine whether they have wastewater treatment facilities;
- b. Prepare and submit to the Paranaque City Task Force on Manila Bay Clean-Up, Rehabilitation and Preservation the final list of factories and commercial establishments without wastewater treatment facilities;
- c. Upon order of the proper authorities, ensure that the Notice of Violation, if any, are properly received by non-compliant factories and commercial establishments.

SECTION IV. TECHNICAL WORKING GROUP. To handle the administrative and technical requirements of the Special Action Team, there is hereby created a Technical Working Group to be composed of the following:

Members:

1. Ms. Flocerfida Babida - Head, City Budget Office
2. Dr. Francisco Gozos II - City Health Office
3. Engr. Armando Arsenio - City Building Official
4. Ms. Marilou Tanael - Head, City Accounting Office
5. Jose Amian - CPDO
6. Antonio Lucenas - CPDO
7. Imelda Reyes - CPDO
8. Ma. Lourdes Tolosa - CPDO
9. Linda San Diego - DILG
10. Raymond Alcantara - DILG
11. Imelda Cortez - SWAESO
12. Ma. Meda Amor - SWAESO
13. Isabelo Mojica - SWAESO

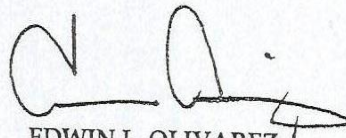
SECTION V. SECRETARIAT. To handle record-keeping and coordinating activities of the Committee/Team, there is hereby created a Secretariat to be composed of the following:

1. Catherine B. Amamio
2. Elisa S. Pojanes
3. Angelina O. Lisondra
4. Ester P. Edano
5. EmmyLou Octavo
6. Alejandro Depano

SECTION VI. MEETINGS. Under the guidance of the Paranaque City Task Force on Manila Bay Clean-up, Rehabilitation and Preservation, the Executive Committee, Special Action Team, TWG and Secretariat shall meet as often as maybe necessary to carry out the intent of the Supreme Court Continuing Mandamus.

This Order shall take effect immediately.

Done in Paranaque City on the 06 day of January in the year of our Lord Two Thousand and Fourteen.


EDWIN L. OLIVAREZ
City Mayor

Appendix 2. Executive Order 15-022



Republic of the Philippines
CITY OF PARANAQUE

Office of the Mayor

EXECUTIVE ORDER No. 15-022
Series 2015

AN ORDER AMENDING THE MEMBERSHIP OF SPECIAL ACTION TEAM AS MANDATED IN EXECUTIVE ORDER NO. 13-014 ENTITLED, "CREATING THE PARAÑAQUE CITY TASK FORCE ON MANILA BAY CLEAN-UP, REHABILITATION AND PRESERVATION"

WHEREAS, the Supreme Court in *MMDA, et. al. vs. vs. Concerned Residents of Manila Bay*, issued a continuing Mandamus directing local government units and other concerned government agencies to clean-up, preserve and rehabilitate Manila Bay;

WHEREAS, the Supreme Court Mandamus directs LGUs to inspect all factories, commercial establishment, and private homes along the banks of the major river systems that eventually discharge water into the Manila Bay to determine whether they have wastewater treatment facilities or hygienic septic tank.

WHEREAS, in order to fully comply with the Supreme Court Mandamus, there is a need for a Special Action Team that will conduct the field and actual inspection of factories and commercial establishments.

NOW THEREFORE, I, EDWIN L. OLIVAREZ, City Mayor of Parañaque, by virtue of the powers vested in me by law, do hereby order:

SECTION 1. EXECUTIVE COMMITTEE. To ensure that the 2015 plans, programs and activities of the Special Action Team as formulated by the Parañaque City Task Force on Manila Bay Clean-up, Rehabilitation and Preservation is actually implemented, it is hereby amended to be composed of the following:

MR. BERNARDO N. AMURAO - Head, CENRO-SWAESO
Chairman

DR. LORELEIGH S. OBED - Head, City Health Office
Co-Chairman

MEMBERS

ATTY. ROMMEL A. FRIAS - Head, City Legal Office
MR. BENJAMIN ARROYO - Executive Assistant II
ENGR. BENIGNO I. RIVERA - Head, CPDO

SECTION II. SPECIAL ACTION TEAM. The Special Action Team shall be composed of the following offices/representatives:

BUSINESS PERMITS AND LICENSING OFFICE

1. Joselito Yape
2. Jeffrey Globio
3. Rodolfo Eucariza Jr.
4. Benjamin Espiritu
5. Jorge Villafuerte
6. Allan Sahagun

CITY LEGAL OFFICE

1. Thelma Grace L. Giron
2. Janice L. Carrera
3. Jocelyn H. Jaranilla
4. Ma. Luisa M. Leonardo
5. Ador B. Lipata
6. Phillip John B. Manalili

URBAN MISSION AREAS DEVELOPMENT OFFICE

1. Marlon E. Balbastro
2. Mylene M. Jackson
3. Fernando T. Cabrera
4. Joel Alba
5. Joel A. Caballes
6. Janeth A. Bolivar

CITY HEALTH-SANITATION DIVISION

1. Ronel Rey
2. Gilbert Santos
3. Ma. Theresa Sofia Jimenez

DILG (LOCAL)

1. Maria Theresa Balinghasay-Ng
2. Edgar B. Embestro

CITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

1. Engr. Terence A. Rivera
2. Donna Marie A. Manansala
3. Alfon Royce C. Ducta
4. Jofiel M. Dagondon
5. Neil O. Ricafort
6. Engr. Ma. Teresa R. Quiogue

CITY ENGINEERING OFFICE

1. Victoriano Loza
2. Ralph Racca
3. Elmer Dela Cruz
4. Rodrigo Tongonan Jr.
5. Arch. Marysol S. Macasinag
6. Joselito Allanigue III

CITY BUILDING OFFICIAL

1. Antonio Arzaga
2. Isagani Viduya
3. Ivan Ison
4. Dominador Serra
5. Ramon Marquez

CITY PLANNING AND DEVELOPMENT OFFICE

1. Eugorico Lopez
2. Claro Cortez V

SECTION III. The Special Action Team shall have the following functions and responsibilities:

- a. Conduct actual inspection of all factories and commercial establishment along the river ways to determine whether they have wastewater treatment facilities and unhygienic septic tanks;

c. Upon order of the proper authorities, ensure that the Notice of Non-Compliance, if any, are properly received by non-compliant factories and commercial establishments and Compliance closely monitored;

SECTION IV. TECHNICAL WORKING GROUP. To handle the administrative and technical requirements of the Special Action Team, there is hereby created a Technical Working Group to be composed of the following:

Members:

- | | | |
|-----------------------------------|---|------------------------------|
| 1. Ms. Flocerfida Babida | - | Head, City Budget Office |
| 2. Dr. Francisco Gozos II | - | City Health Office |
| 3. Engr. Armando Arsenio | - | City Building Official |
| 4. Ms. Marilou Tanael | - | Head, City Accounting Office |
| 5. Mr. Jose Amian | - | CPDO |
| 6. Mr. Antonio Lucenas | - | CPDO |
| 7. Ms. Imelda Reyes | - | CPDO |
| 8. Ms. Ma. Lourdes Tolosa | - | CPDO |
| 9. Ms. Linda San Diego | - | DILG |
| 10. Mr. Raymond Alcantara | - | DILG |
| 11. Ms. Imelda Cortez | - | CENRO-SWAESO |
| 12. Mr. Isabelo B. Mojica, Jr. | - | CENRO-SWAESO |
| 13. Ms. Kristine Elaine D. Laceda | - | CENRO-SWAESO |
| 14. Mr. Anthony L. Pulmano | - | Treasury |

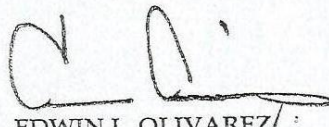
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1. Ms. Catherine B. Amamio
2. Ms. Elisa S. Pojanos
3. Ms. Angelina O. Lisondra
4. Ms. Ester P. Edano
5. Ms. Emmylou Octavo
6. Mr. Alejandro Depano
7. Ms. Corazon P. Nitafan

SECTION VI. MEETINGS. Under the guidance of the Parañaque City Task Force on Manila Bay Clean-up, Rehabilitation and Preservation, the Executive Committee, Special Action Team, TWG and Secretariat shall meet as often as maybe necessary to carry out the intent of the Supreme Court Continuing Mandamus.

This Order shall take effect immediately.

Done in Parañaque City on this 13th day of August 2015.


EDWIN L. OLIVAREZ
City Mayor

Appendix 3. City Ordinance 12-03 "Septage Ordinance"

REPUBLIC OF THE PHILIPPINES
SANGGUNIANG PANLUNGSOD
CITY OF PARAÑAQUE

ORDINANCE NO. 12 - 03
Series of 2011

(30)

PROPONENT: COUN. RAQUEL GABRIEL VELASCO

AN ORDINANCE ESTABLISHING SEPTAGE MANAGEMENT SYSTEM IN THE CITY OF PARAÑAQUE

WHEREAS, Republic Act. No. 9275 otherwise known as the "Philippine Clean Water Act of 2004," Section 20: Role of Local Government Units requires that local government units shall share the responsibility in the management and improvement of water quality within their territorial jurisdictions;

WHEREAS, Republic Act. No. 9275 Section 8: Domestic Sewage Collection, Treatment and Disposal states that within five (5) years following the effectivity of this Act, the Agency vested to provide water supply and sewerage facilities and/or concessionaires in Metro Manila and other highly urbanized cities (HUCs) as defined in Republic Act No. 7160, in coordination with LGUs, shall be required 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, 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: Provided, further, That all sources of sewage and septage shall comply with the requirements herein;

WHEREAS, Presidential Decree 856 otherwise known as the "The Code on Sanitation of the Philippines," chapter XVII: Sewage Collection and Disposal, Excreta Disposal and Drainage, provides the following, Section 3: Individual Excreta and Sewage Disposal System, Section 4: Design and Construction of Septic Tanks, Leaching tile Field and House Sewers, Section 5: Public Sewerage System and Section 11: Penal Provision, which stipulate and provide a definitive basis for an effective city septage management system;

WHEREAS, pursuant to the Supreme Court Mandamus GR Nos. 171947-48, in the case of The Supreme Court in MMDA vs. Concerned Residents of Manila Bay which states that "the cleanup and/or restoration of the Manila Bay is only an aspect and the initial stage of the long-tem solution. The preservation of the water quality of the bay after the rehabilitation process is as important as the cleaning phase. It is imperative then that the wastes and contaminants found in the rivers, inland bays, and other bodies of water be stopped from reaching the Manila Bay";

WHEREAS, the Sangguniang Panlungsod recognizes the need for a protected ecological balance in the City of Parañaque that can only be sustained by a dedicated septage management system;

Handwritten notes on the left margin: "MMDA" and "Enc. 03"

AN ORDINANCE ESTABLISHING SEPTAGE MANAGEMENT SYSTEM IN THE CITY OF PARAÑAQUE

NOW THEREFORE:

BE IT ENACTED, AS IT IS HEREBY ENACTED by the Sangguniang Panlungsod in session assembled:

Section 1. Title

This Ordinance shall be known as "AN ORDINANCE ESTABLISHING SEPTAGE MANAGEMENT SYSTEM IN THE CITY OF PARAÑAQUE".

Section 2. Policies

It shall be the policy of the City of Parañaque to share in the responsibility in the management and improvement of water quality within their territorial jurisdiction. To meet these objectives, the City shall implement measures to prevent and control water pollution to promote public health.

Section 3. Sewerage and Septage Management Principles

Towards this end, the City of Parañaque shall abide by the following sewerage and septage management principles.

- a) All buildings and structures whether residential, commercial, industrial establishments and government offices, institutions shall be 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 allowed to be discharged to open drainage canals or piped drainage systems;
- b) No water shall be discharged to the environment without any proper treatment.

Section 4. Definition of Terms

DES LUDGING	refers to a process of cleaning or removing the accumulated domestic sludge or septage.
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.
DENR	refers to the Department of Environment and Natural Resources.
DOH	refers to the Department of Health.
EMB	refers to Environment Management Bureau.
SEPTAGE	refers to a combination of scum, sludge and liquid from household septic tanks.

ENCLOSURE

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AN ORDINANCE ESTABLISHING SEPTAGE MANAGEMENT SYSTEM IN THE CITY OF PARAÑAQUE

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.

SEPTIC TANK

refers to the watertight receptacle, which receives the discharge of a sanitary plumbing system or part thereof, and is designed and constructed to accomplish the sedimentation and digestion of the organic matter in 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.

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.

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.

SEWER

refers to an artificial pipe or conduit for carrying sewage and wastewater.

MWSI

refers to Maynilad Water Services, Inc.

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; it may also accept the treatment of septage, provided there are facilities for accepting it and pre-treating it.

Section 5. Sewage Disposal System

All residential, commercial, industrial establishments and governments institutions, both old and new ones, in the City of Parañaque are 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 above, that is compliant with national standards. Provided, that no structure must be built on top of the septic tank to ensure that it is accessible at all times.

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AN ORDINANCE ESTABLISHING SEPTAGE MANAGEMENT SYSTEM IN THE CITY OF PARAÑAQUE

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 plan for residential dwelling units, commercial, industrial, institutional, or recreational structures shall be approved unless the design of the sanitary plumbing and septic tank or wastewater treatment facility conforms to the specifications as provided by national standards.

Facilities in sewerred areas utilizing either combined or separate sewer systems are required to provide the appropriate pre-treatment facilities prior to discharge of wastewater to drainage. Provided, that the City Building Official shall be required to evaluate the compliance of facilities to the Pre-treatment standards set by DENR.

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

Further the City of Parañaque and its (16) sixteen Barangays may raise funds and allocate budget to subsidize necessary expenses for the construction of communal septic tanks in their respective territorial jurisdiction.

Section 6. Mandatory Desludging of Septic Tanks

All owners and users of septic tanks shall be required to to desludge 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 maybe directed by the Building Official to ensure accessibility and for purposes of desludging at the sole expense of its owner or user.

The inspection and opening of septic tanks shall only be done by Sanitary Inspectors or barangay officials duly authorized by Building Official and/or representative of the MWSI or any of its Concessionaire.

Violation of this provision shall subject the owner and/or user of the septic tank to the penalty as stipulated 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 appropriate standard designs of septic tanks shall be enforced in the plan approvals and inspection procedures.

emcay

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AN ORDINANCE ESTABLISHING SEPTAGE MANAGEMENT SYSTEM IN THE CITY OF PARAÑAQUE

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 appropriate standard designs of septic tanks shall be enforced in the plan approvals and inspection procedures.

Section 8. Regulation of Desludgers

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 Department of Health (DOH). Unless otherwise provided by law, no septage hauler/pumper 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 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 Parañaque.

Section 10. Special Task Force

A Special Task Force with the City Environment and Natural Resources Office (CENRO) as the lead unit along with one (1) representative each from the City Building Office, City Planning Office, City Health Office and Barangay Council of the area under inspection will be formed and shall have the following responsibilities in implementing this ordinance:

- a) On Inspection- Assist the City Building Official in designating sanitary inspectors that will check on the general design, construction and maintenance requirements 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) Opening of Septic Tanks- Assist Barangay officials in opening septic tanks during inspection in coordination with Sanitary Inspectors of the City.
- c) Transport of Septage- Enforce the rules and regulations set forth by the Department of Health 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) Database- Together with the City 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.

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AN ORDINANCE ESTABLISHING SEPTAGE MANAGEMENT SYSTEM IN THE CITY OF PARAÑAQUE

- e) 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.
- f) Enforcement- Assist in the enforcement of sewer connection/penalties for 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- with the City Health Office as the lead unit, 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/institution or structure owners shall have their septage desludged and treated once every five years for free by the Maynilad Water Services, Inc. All residential building or structure owners shall pay a minimum amount of Three Thousand Pesos (PHP3,000.00) for the desludging of their septic tanks in excess of that contained in the concessionaire's contract or requested desludging for septic tanks below the five (5) years required for free desludging. Commercial or institutional building or structure owners have to pay for the desludging of their septic tanks based on a rate per volume.

Section 12. Mandatory Connection of Facilities to Sewer Lines

Buildings or premises producing sewage shall connect to the sewer main lines in all areas where it exists.

The City shall assist the Maynilad Water Services, Inc. MWSI 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, 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 good condition.

Section 14. Prohibited Acts

- a) 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.
- b) Refusal to desludge as required by this ordinance.

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ORDINANCE ESTABLISHING SEWERAGE MANAGEMENT SYSTEM IN
THE CITY OF PARAÑAQUE

- c) Refusal of any person to connect its sewage lines to available sewerage lines.
- d) Non-compliance with national standards of sewerage disposal system
 - d.1) hygienic septic tank for residences
 - d.2) sewerage treatment facility for public or commercial establishments and government institutions.

Section 15. Penalties

15.1 Residential Penalty:

1. A citation shall be issued and a reprimand should be given for the first offense of any prohibited act stipulated in this ordinance;
2. A fine of Three Thousand Pesos (P3,000) for the second offense after a two (2) years grace period; and
3. A fine of Five Thousand Pesos (P5,000) for the third offense after a three (3) years grace period.

15.2 Business and Commercial Penalty:

Any owner of a non-complying establishment who fails to comply with the provisions of this Ordinance after a year from the date of its effectivity shall be liable to pay the following fine for every violation thereof as follows:

1. A fine of Three Thousand Pesos (PHP3,000.00) for the first offense.
2. A fine of Five Thousand Pesos (PHP5,000.00) for the second offense.
3. The revocation of License for the commercial establishment for the third offense.

Section 16. Funding

The City Government shall allocate the amount of (P 3,000,000.00) three million pesos to support the implementation of this ordinance. The breakdown of which shall be issued by the Office of the City Mayor through an Executive Order for calendar year 2013.

Section 17. Separability Clause

If any part or provisions of this Ordinance shall be held unconstitutional or invalid, other parts or provisions hereof which are not affected hereby, shall continue to be in full force and effect.

Section 18. Repealing Clause

All other laws, decrees, orders, issuances, rules and regulations contrary to or inconsistent with the provisions of this ordinance are hereby repealed, amended or modified accordingly.

Section 19. Effectivity Clause

This Act shall take effect immediately after its publication in at least two (2) newspapers of general circulation.

AN ORDINANCE ESTABLISHING SEPTAGE MANAGEMENT SYSTEM IN THE CITY OF PARAÑAQUE

ENACTED this 15th day of March, 2012 at the City of Parañaque, Metro Manila.

CERTIFIED TRUE AND CORRECT:

LUALHATI C. GATCHALIAN
OIC-City Council Secretary

SPONSORED BY:

COUN. RAQUEL GABRIEL VELASCO
Chairman of the Committee on Environment,
Natural Resources and Waste Management

CONCURRED BY:

HON. CARLITO D. ANTIPUESTO
City Councilor
(Official Business)

HON. FLORENCIA N. AMURAO
City Councilor

HON. VENESA L. SALIC
City Councilor

HON. JOSE ENRICO T. GOLEZ
City Councilor

HON. EDWIN R. BENZON
City Councilor

HON. RUFINO M. ALLANIGUE
City Councilor

HON. ERIC L. OLIVAREZ
City Councilor

(Vacation Leave)
HON. CONCHITA S. BUSTAMANTE
City Councilor

HON. VALMAR C. SOTTO
City Councilor


(Sick Leave)
HON. FLORENCIO C. BERNABE III
City Councilor

HON. RICARDO L. BAES, JR.
City Councilor
03/15/2012

HON. ROSELLE P. NAVA
City Councilor

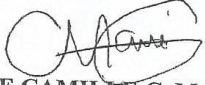
(Sick Leave)
HON. BRILLANTE V. INCIONG
City Councilor

AN ORDINANCE ESTABLISHING SEPTAGE MANAGEMENT SYSTEM IN
THE CITY OF PARANAQUE

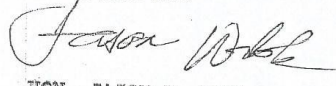

HON. JOHN RYAN G. YLLANA
City Councilor

(Official Business)

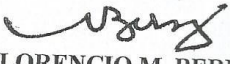
HON. TEODORO C. VIRATA JR.
Liga President


MARIE CAMILLE C. MANANSALA
SK Federation President

ATTESTED BY:


HON. JASON P. WEBB
Temporary Presiding Officer

APPROVED BY:


HON. FLORENCIO M. BERNABE JR.
City Mayor

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