

Manila Water

Plans & Programs Updates

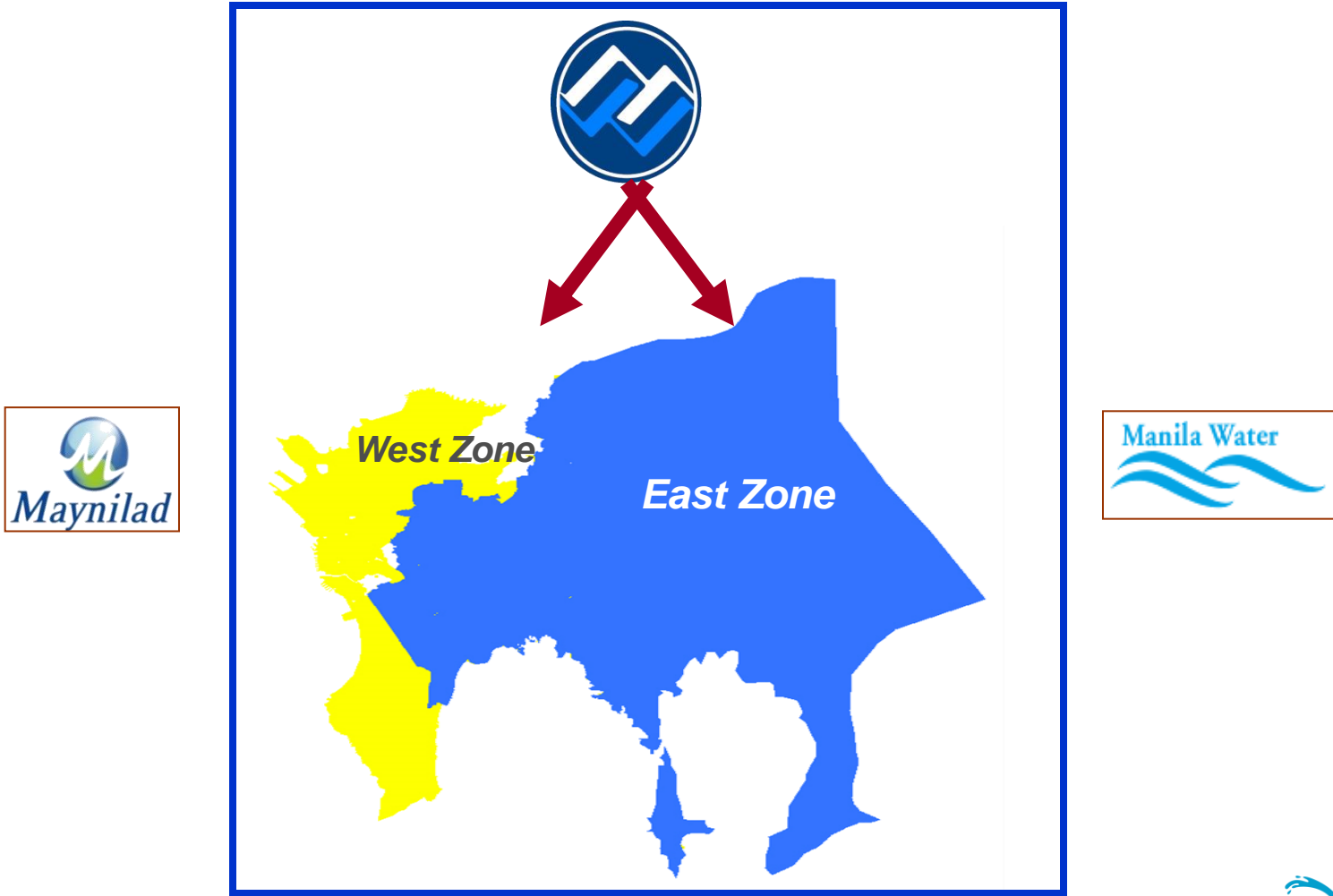
May Quinto
Strategic Asset Planning

MANILA WATER



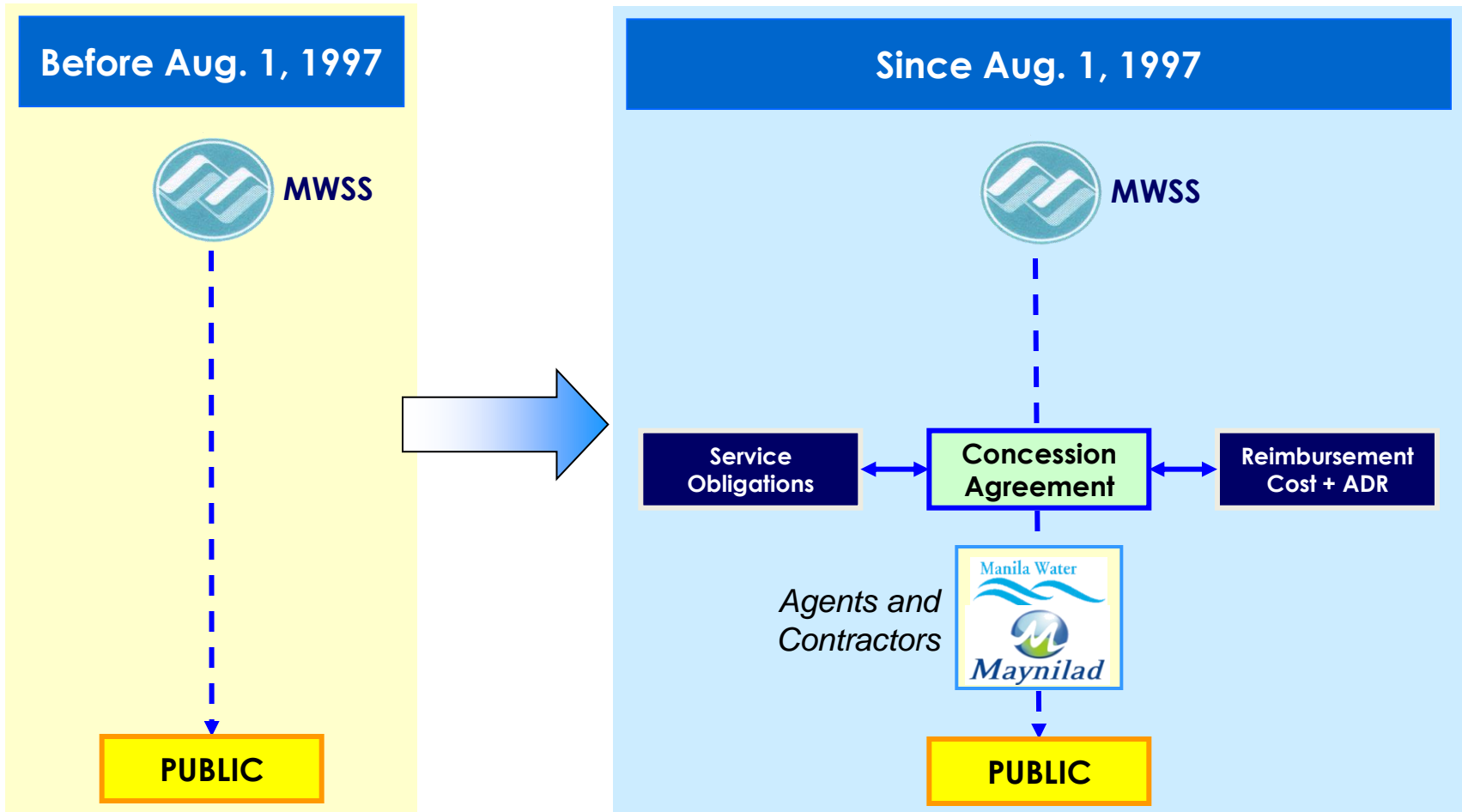
The MWSS-Manila Water PPP

The Concessionaires



Regulatory Framework

Concession Framework



Service Obligations

Water Supply



Sewerage and Sanitation



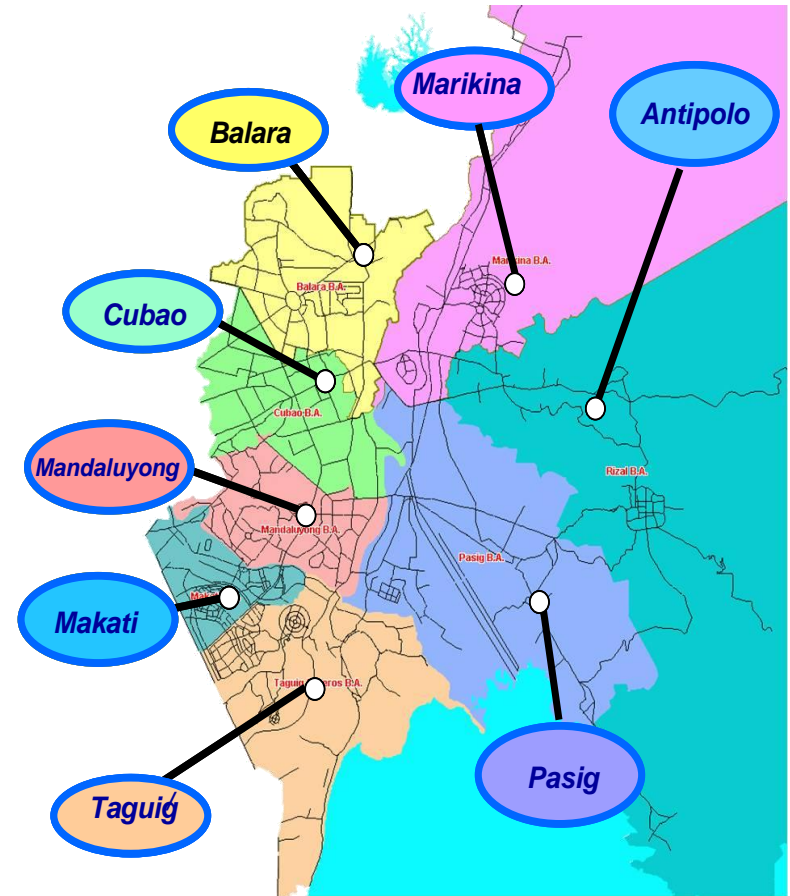
Customer Service



Profile of Manila Water Company

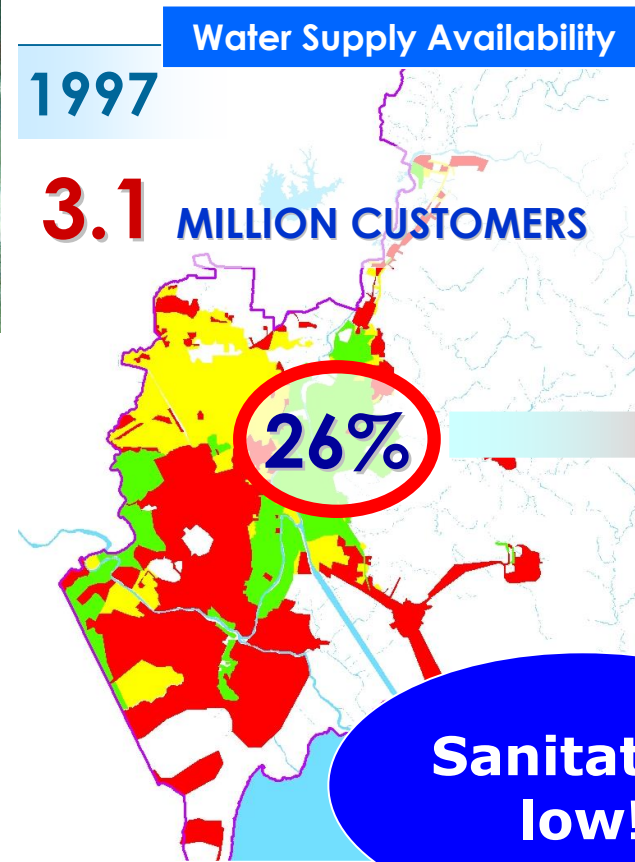
The Manila Water Concession Area

- 💧 The East Zone covers 23 cities and municipalities
- 💧 Covers all new business centers in Metro Manila and is the center of population growth
- 💧 Spans 1,400 square kilometers
- 💧 Population of 5.9 million



Public – Private Partnership

Conditions Before Privatization



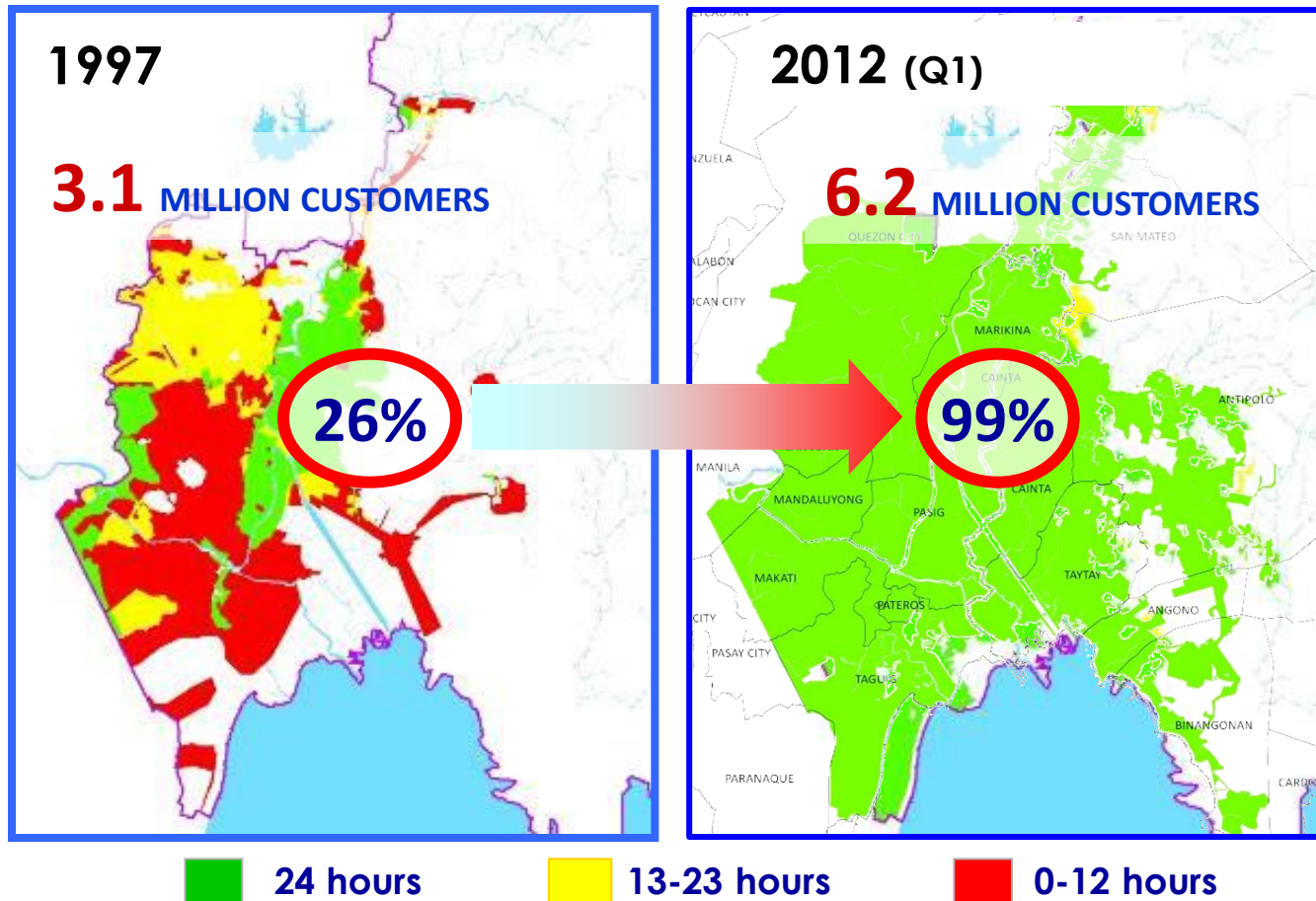
Water Supply Accomplishment

MANILA WATER

CARE IN EVERY DROP

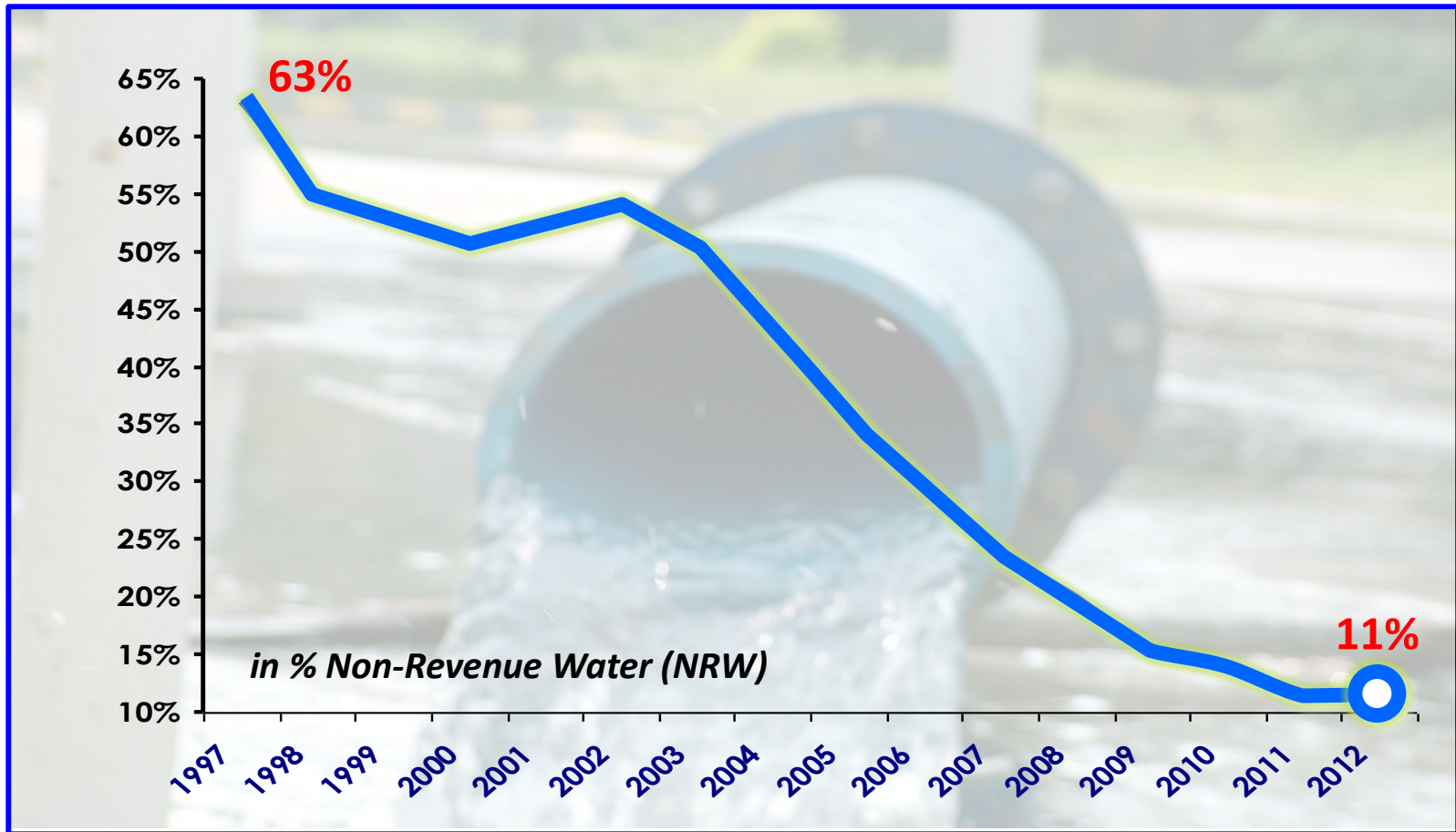
Water Supply : *Accomplishment*

24/7 Water Availability



Water Supply : *Accomplishment*

Reduction of Water Losses



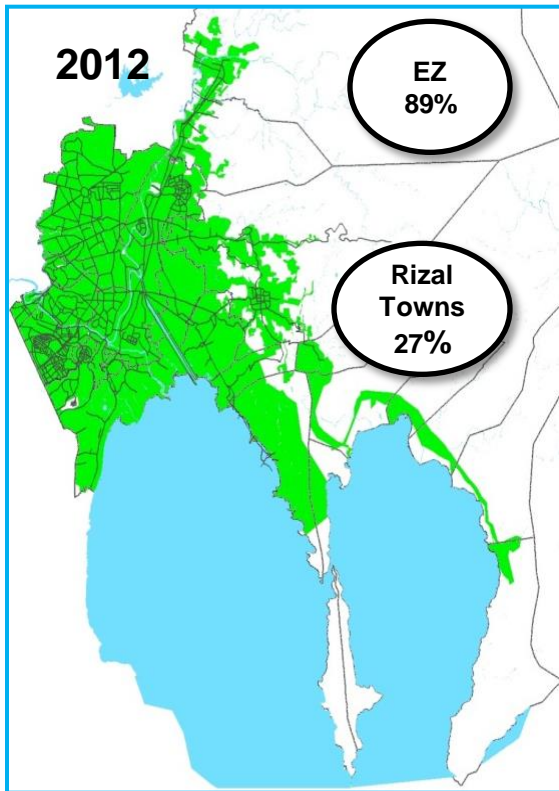
Water Supply Plans & Programs

MANILA WATER

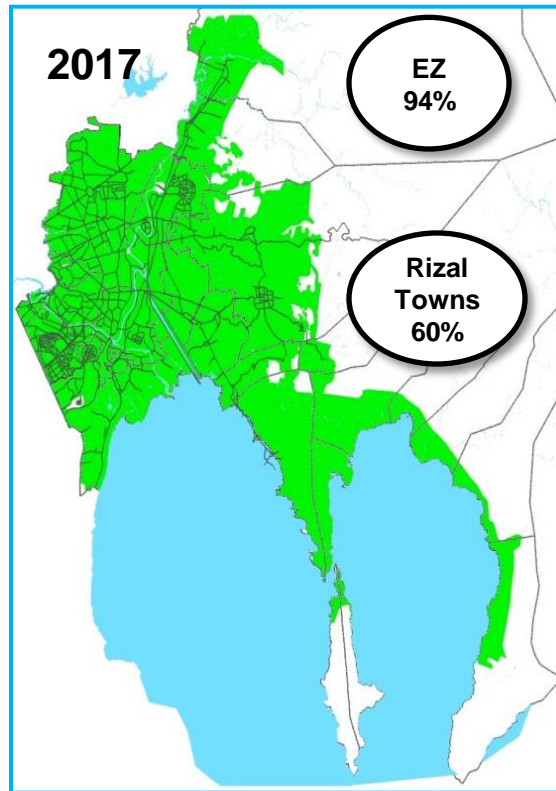


Water Supply Master Plan

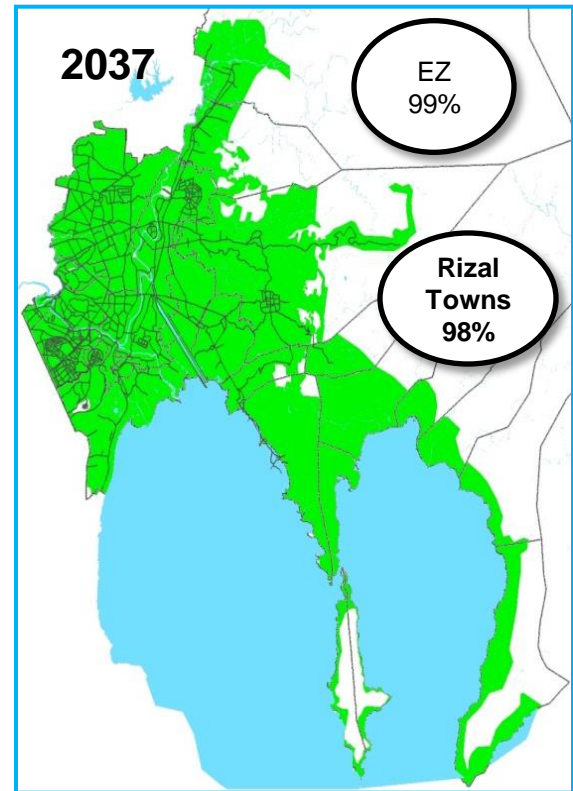
Covered Population



Covered
Population : 6.2M

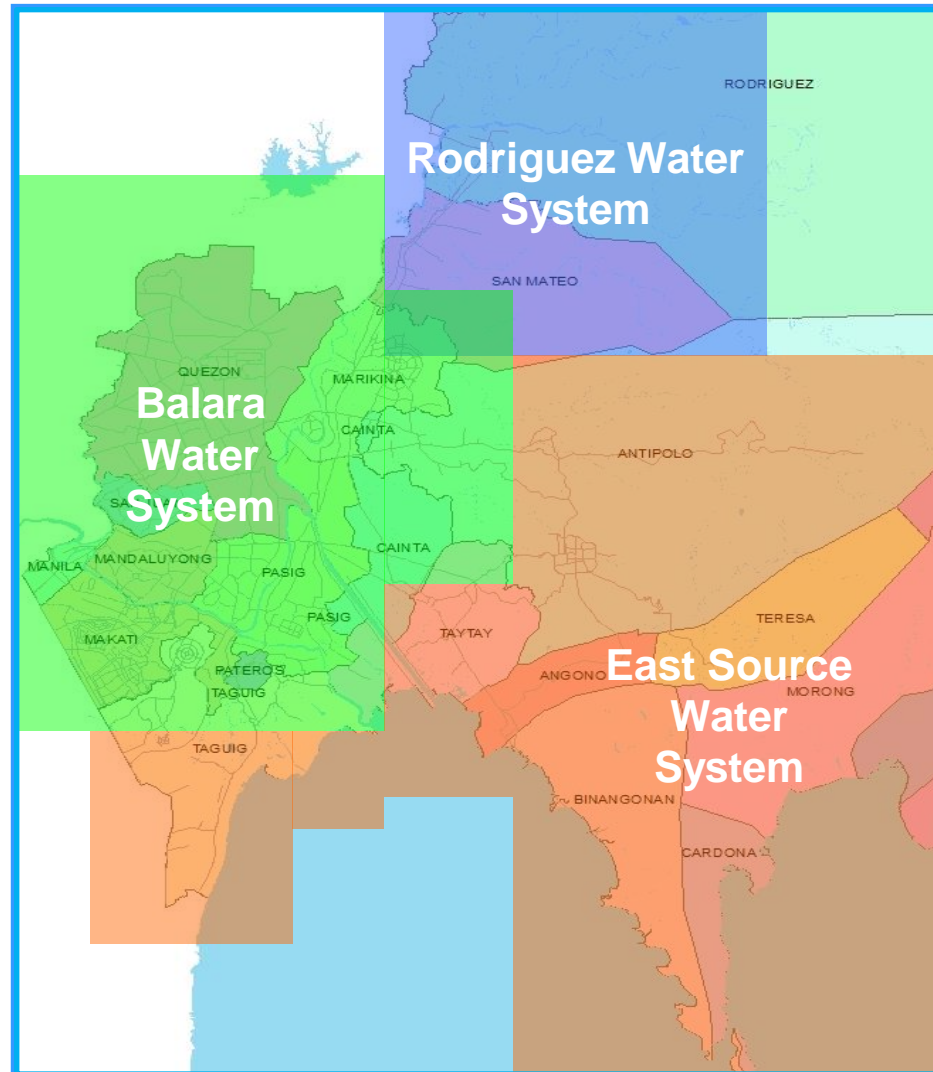


Covered
Population : 6.8M

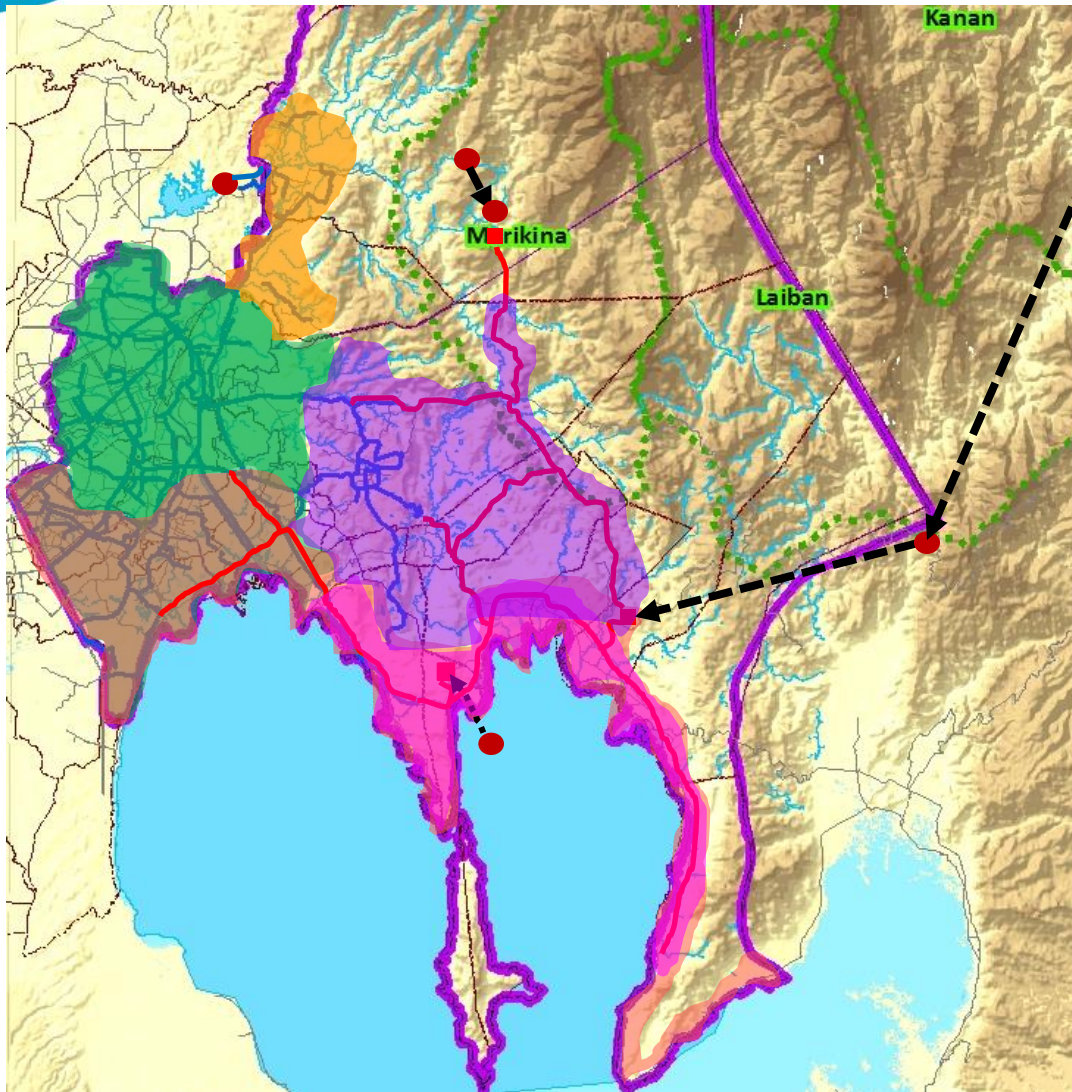


Covered
Population : 8.2M

Water System Master plan



Water Supply Masterplan



SERVICE CONTINUITY
Network Efficiency projects
Tubig Para sa Brgy
Meter management

SERVICE ACCESSIBILITY
Laying of Transmission &
Distribution lines

WATER SECURITY
Development of new water
resources
Raw water Aqueduct

- Future Plans subject to MWSS approval of 2013 Business Plan

Wastewater Services

MANILA WATER

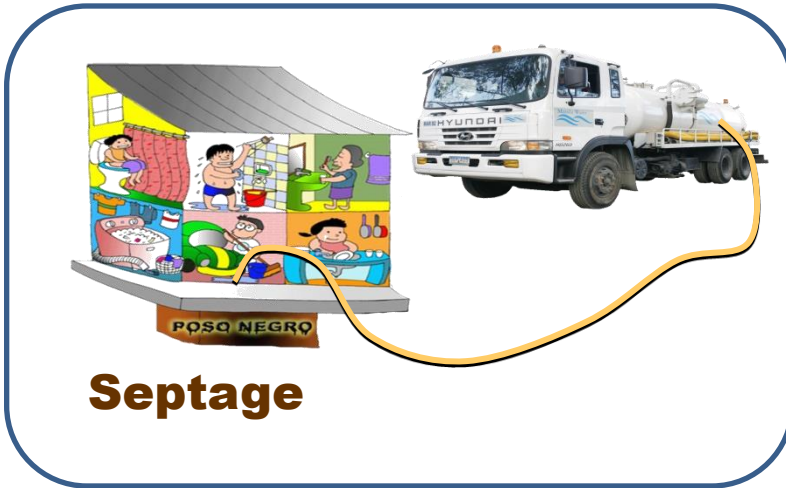


WASTEWATER SERVICES



SANITATION

SEWERAGE



- Wastewater Services Approaches

1. Sanitation Services



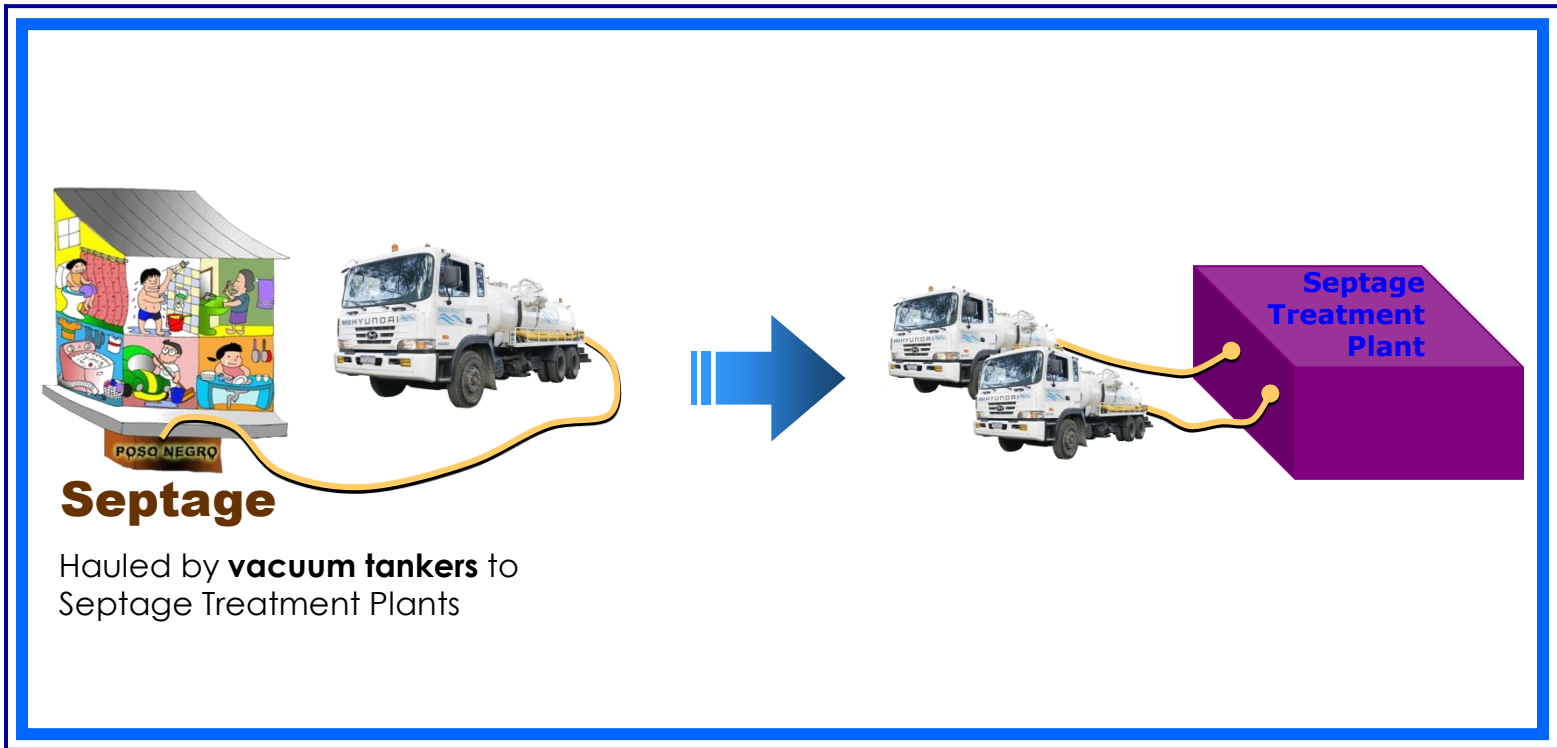
2. Separate System



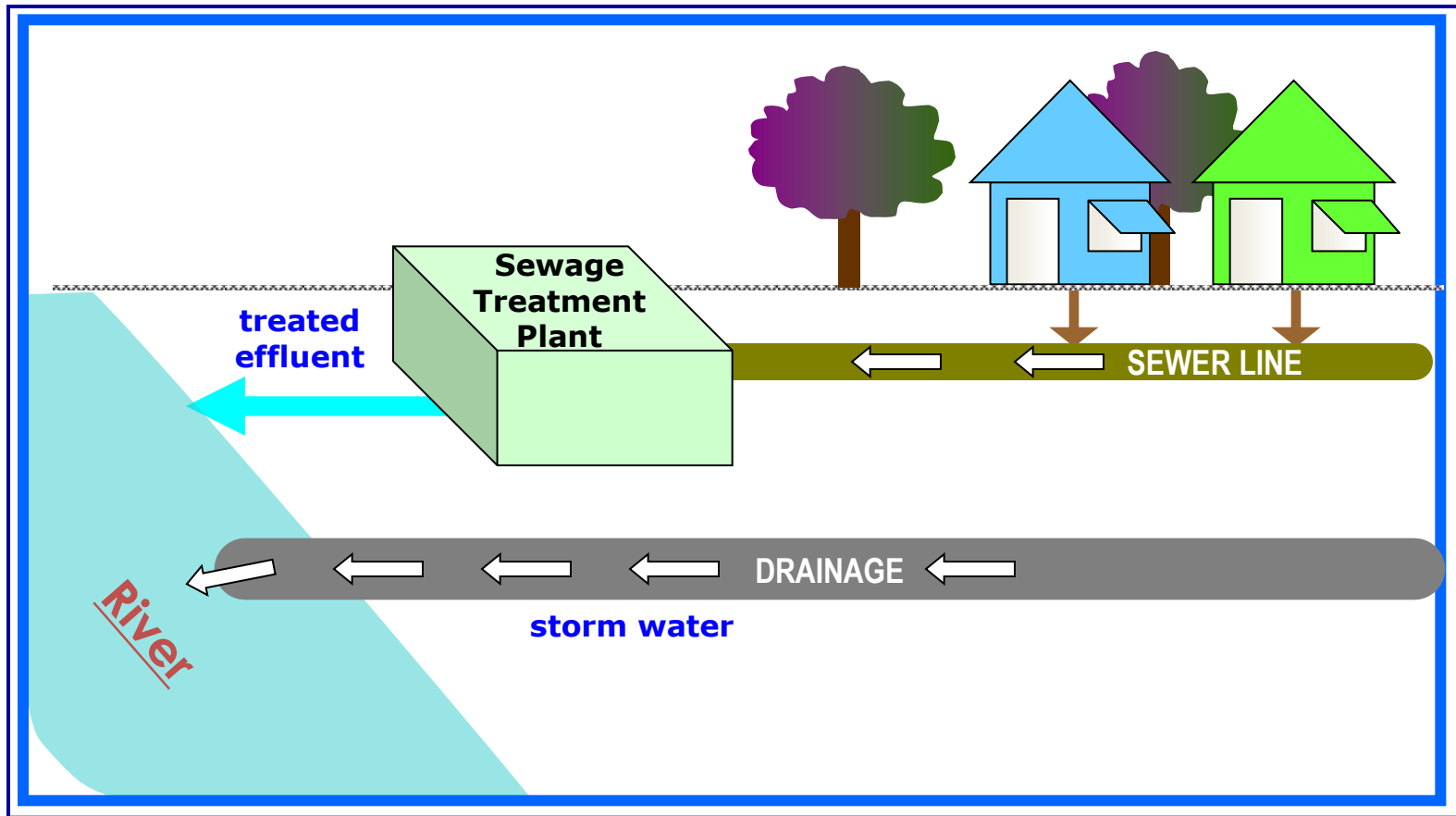
3. Combined Sewer-Drainage with Sanitation Services



Sanitation Services

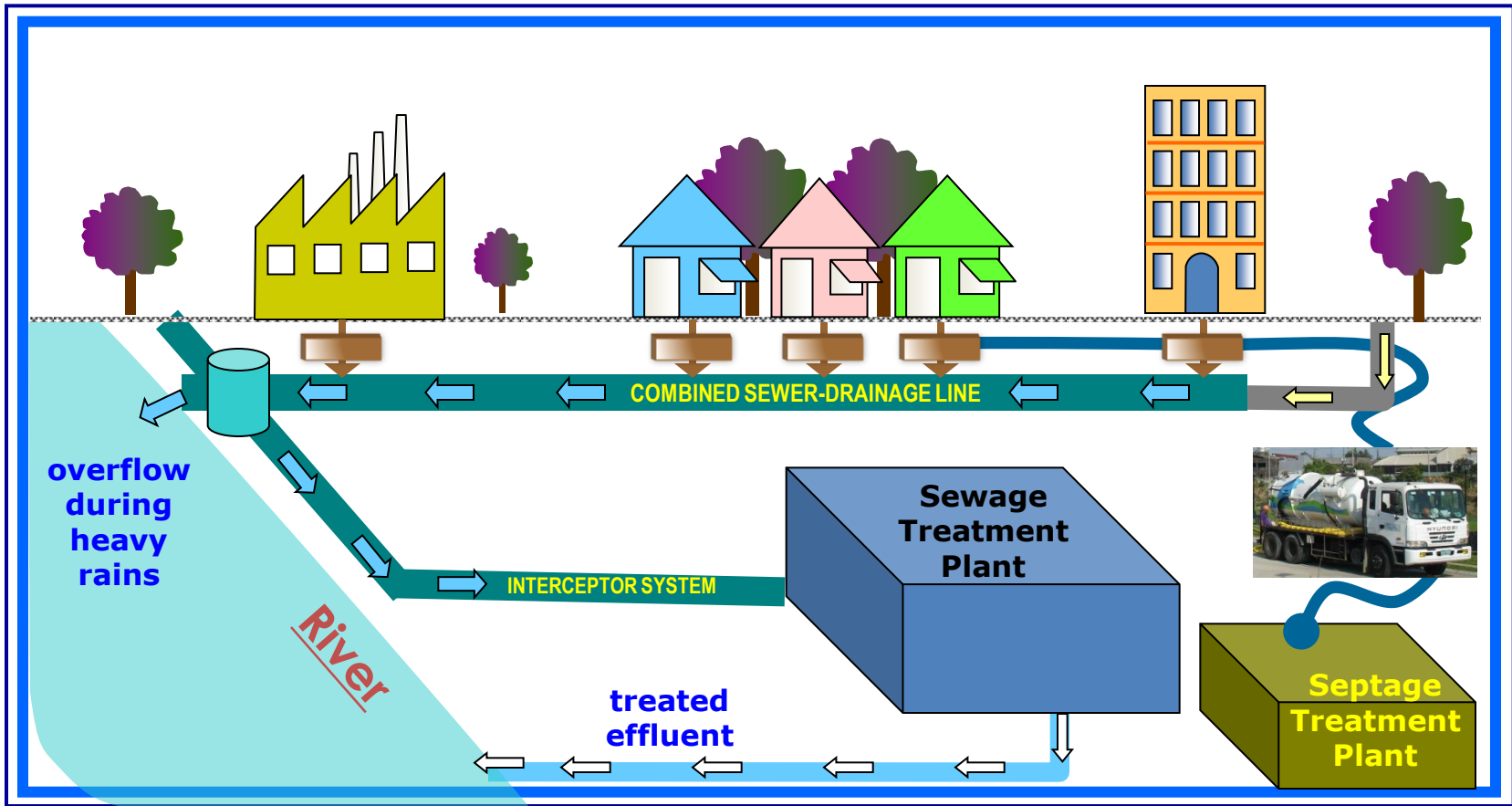


○ Sewage Management *Separate System*



• Sewage management

Combined Sewer – Drainage and Septage Management



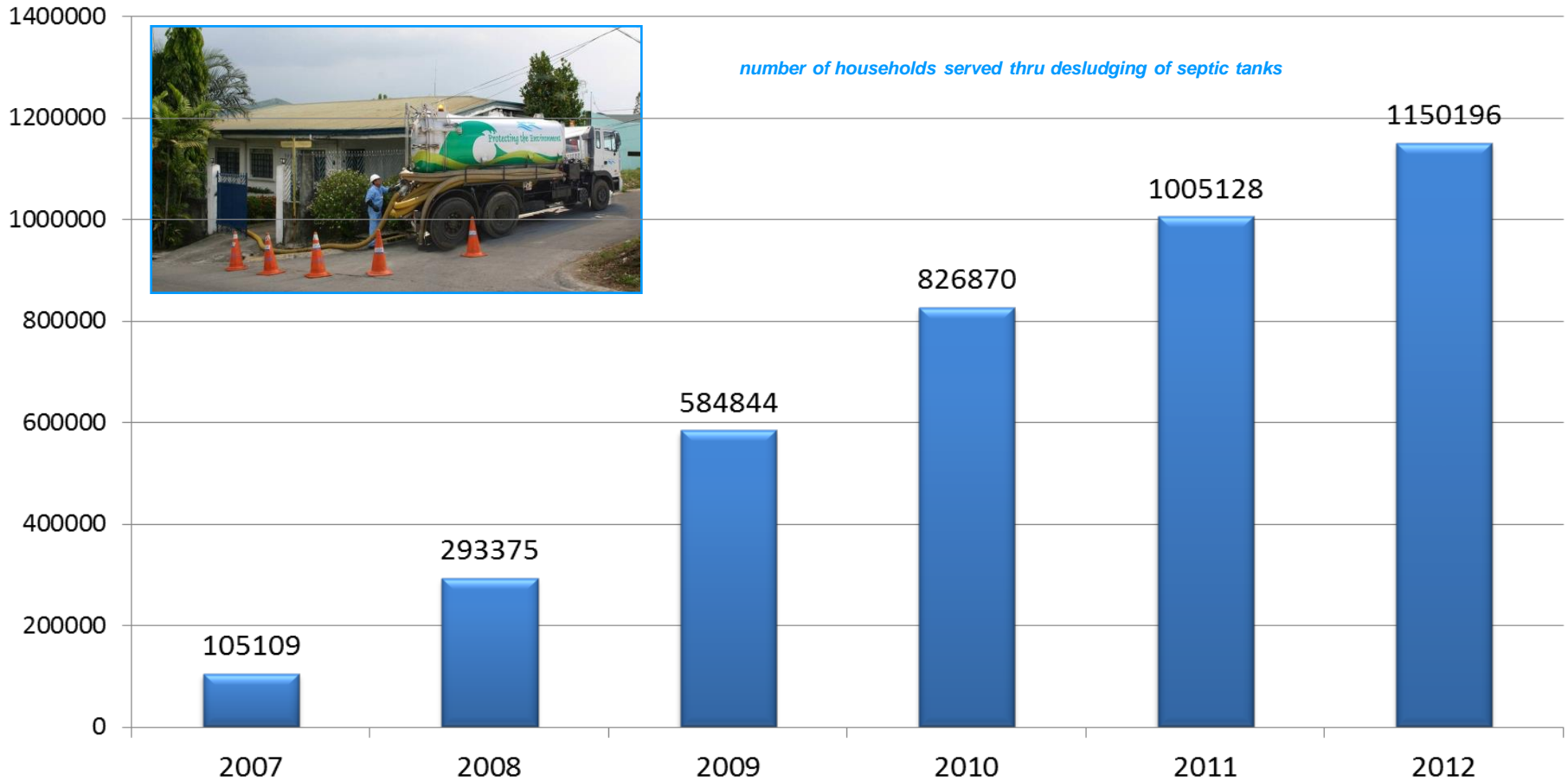
Existing Facilities of Manila Water

Sanitation

- 2 Septage treatment plants
- 77 tankers



Sanitation Services Accomplishments in *Manila Water*



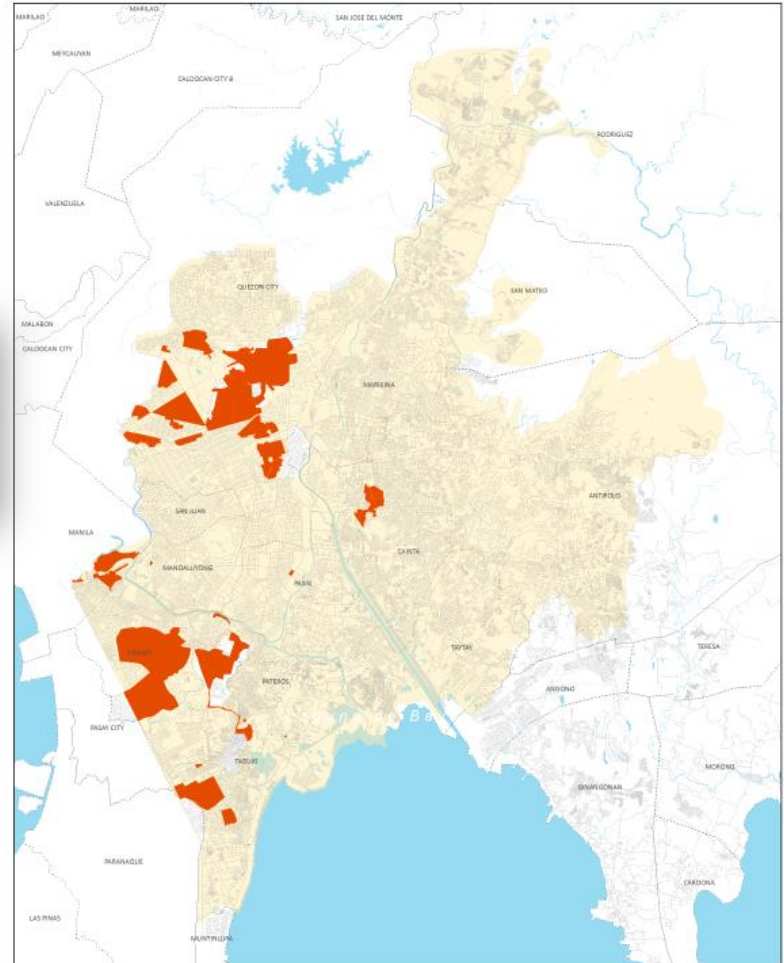
○ Sewerage Services

Accomplishments in *Manila Water*

SEWERAGE

Number of STP: 37

Total Capacity : 131 MLD



○ Sewerage Services : *Completed Projects*

Olandes Wastewater System

Project Name	Capacity, MLD	Location	Beneficiaries	Status
Olandes	10	FVR Road, Marikina City	Sitio Olandes, Cinco Hermanos, Industrial Valley, St. Ignatius, Blue Ridge A&B; 11,000 Population served.	Operational





HONOR AWARD
Project Innovation Awards
Singapore
June 2010

● Sewerage Services : *Completed Projects*

Pineda Wastewater System

Project Name	Capacity, MLD	Location	Beneficiaries	Status
Pineda	4	MRR. Road, Barangay Pineda, Pasig City	Barangay Pineda and Capitolyo, Pasig City 18,000 population served	Operational



• Sewerage Services : *Completed Projects*

Makati Poblacion

Project Name	Capacity, MLD	Location	Beneficiaries	Status
Makati Poblacion	11	S. Osmeña Street Barangay Poblacion, Makati City	Barangay Poblacion, Olympia, and Valenzuela, Makati 40,000 population served	Operational



International
Water Association

AWARDEE
Project Innovation
Awards
Nairobi, Kenya
October 2013



○ Sewerage Services : *Completed Projects*

Pinagsama

Project Name	Capacity, MLD	Location	Beneficiaries	Status
Pinagsama	8	Ipil-ipil St. Barangay Signal Village, Taguig City	Pinagsama, Ph1, Ph2, AFP/PNP vill Ph2 and Signal Village; 42,000 population served	Completed



• Sewerage Services : *Completed Projects*

Road 5

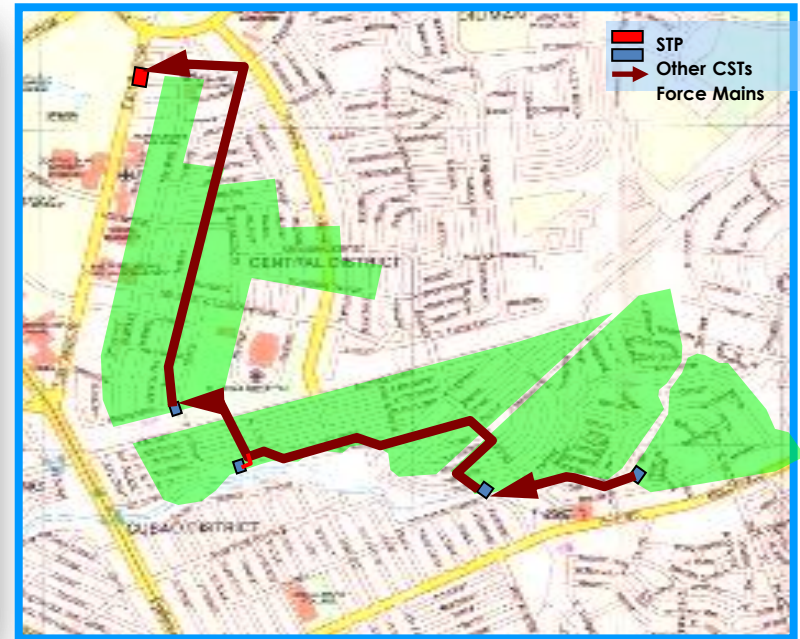
Project Name	Capacity, MLD	Location	Beneficiaries	Status
Road 5	4	Road 5, Project 6, Quezon City.	Project 6 10,714 Population served	Completed



○ Sewerage Services : *Completed Projects*

East Avenue

Project Name	Capacity, MLD	Location	Beneficiaries	Status
East Avenue	16	DENR forestry Compund, East Avenue Quezon City	Barangay Central, Teacher's Village and portions of Kamias, Quezon City.	Operational



Ongoing WasteWater Projects



○ Sewerage Services : *Ongoing Projects*

Marikina North

Project Name	Capacity, MLD	Location	Beneficiaries	Status
Marikina North	100	Balubad, Marikina City	Northern barangays of Marikina city and portion of San Mateo Rizal	On-going Construction



• Sewerage Services : *Ongoing Projects*

Taguig North (Libingan ng mga Bayani)

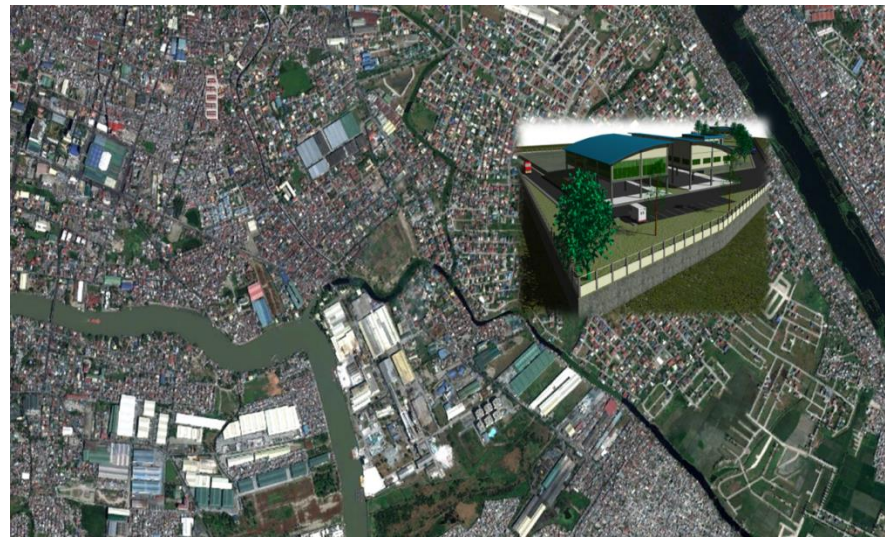
Project Name	Capacity, MLD	Location	Beneficiaries	Status
Taguig North (LNMB)	75	Bayani Road, Taguig	Barangay Bel-Air, Forbes, AFPOVAI, BNS, Western Bicutan, San Lorenzo Vill.;	On-going Construction



Sewerage Services : *Ongoing Projects*

North & South Pasig

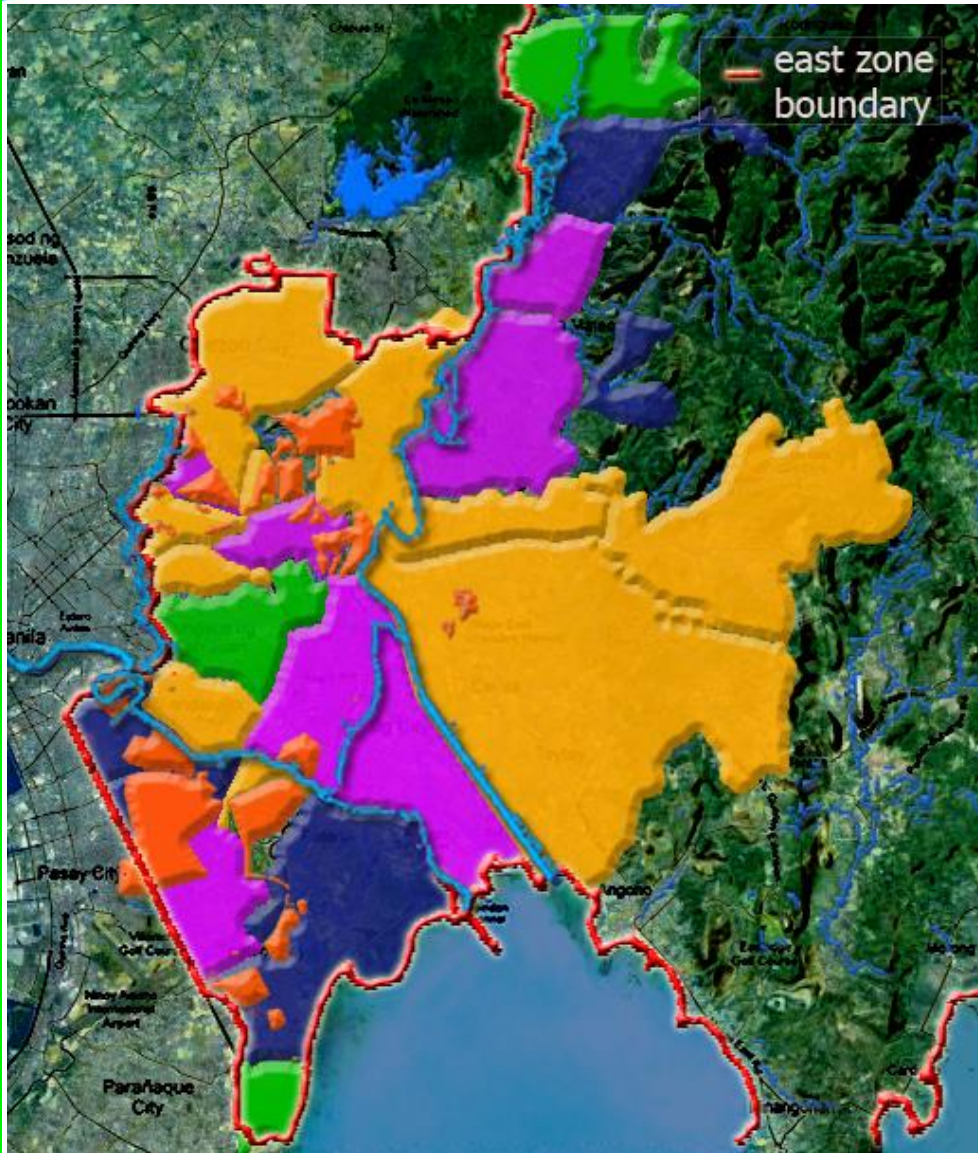
Project Name	Capacity (MLD)	Location	Beneficiaries	Status
Pasig North & South (Ilugin)	100 MLD expandable to 120MLD	Pinagsama, Pasig City	Pasig, portions of Quezon City, Mandaluyong, Cainta and Taytay	STP for construction & network for detailed design



FutureWasteWater Projects



Sewerage Services : *Proposed Projects*



Makati Manila



QC West



Taguig Central



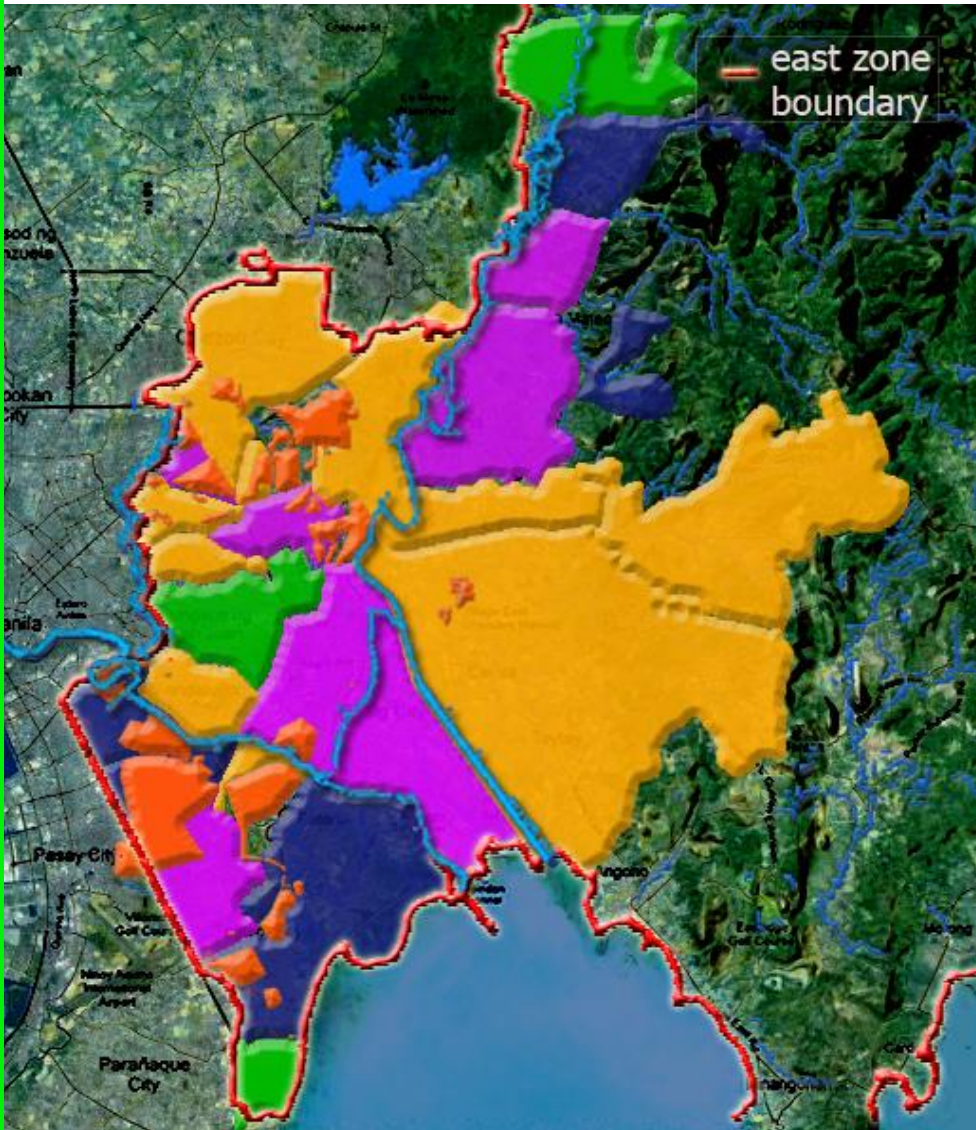
Mandaluyong West



San Mateo Rodriguez

- Future Plans subject to MWSS approval of 2013 Business Plan

Sewerage Services : Proposed Projects



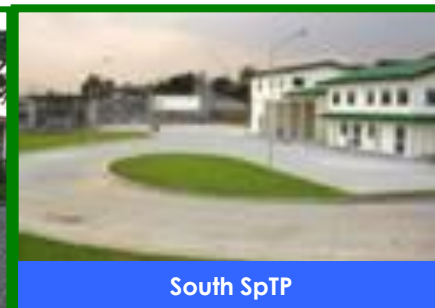
-  **SJ South**
-  **Marikina South**
-  **QC South**
-  **Qc East**
-  **QC North**
-  **Antipolo**
-  **East of Manggahan**

• Future Plans subject to MWSS approval of 2013 Business Plan

Sanitation Programs



- For area not covered by separate system
- Desludging cycle every 5 -7 years
- 7-10 years desludging tanker replacement program



South SpTP



North SpTP

Call for Cooperation

Government support

- Land/ ROW acquisition
- Permit acquisition
- Local Ordinances
- Cooperation in the maintenance of drainage system
- Enforcement of policies / ordinances

Regular Desludging (5-7 years cycle)

Connection to Existing Sewer Network

Solid Waste Management



Thank you.

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