COUNTRY REPORT: PHILIPPINES

"PH WATER and SANITATION PROGRAMS CARRY MOMENTUM THROUGH IN 2014 DESPITE HUGE NATURAL CALAMITIES"

JWWA GENERAL ASSEMBLY & CONFERENCE
Nagoya City, Japan
October 29-31, 2014

By: Edgar C. Lopez
President, PWWA
2013 Natural Calamities

EARTHQUAKE

TYPHOOON

SUPER TYPHOOON HAIYAN
Water Supply and Sanitation Programs

- RESERVOIRS
- DAMS
- TREATMENT FACILITIES
- TRANSMISSION & DISTRIBUTION
- TREATMENT FACILITIES
- SEPTAGE
- SEPTAGE

2012
2013
2014
There are 30 Government Agencies with water-related functions in the Philippines.
Metropolitan Waterworks and Sewerage System (MWSS)

Water Supply and Sanitation Services for METRO-MANILA

West Zone

East Zone

Maynilad

Manila Water
G A R E  I N  E V E R Y  D R O P
Water Supply and Sanitation Services For Provincial Urban Areas through 514 Active Water Districts
Provision of Potable Water for other Provincial Areas

SALINTUBIG PROGRAM: community-based water systems to provide safe water to:
* 455 waterless municipalities (waterless barangays, waterless health centers, Lying-in Centers, relocation/resettlement sites).

Table: Number of Provinces, Cities, Municipalities and Barangays by Region as of March 31, 2014

<table>
<thead>
<tr>
<th>REGION</th>
<th>PROVINCE</th>
<th>CITIES</th>
<th>MUNICIPALITIES</th>
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TOTAL 81 144 1,490 42,028

Source: NSCB
State control of all water resources thru allocation and regulation of water usage.
POLLUTION CONTROL in line with the Philippine Clean Water Act

Safety and Potability of Drinking Water

Protection of Water Resources
ACCOMPLISHMENTS: MWSS AREA

METRO MANILA WEST ZONE

2014

Metro Manila’s West Zone

PhP2.2B for NRW Reduction

NRW down to 35% by end of March 2014

VALENZUELA CITY: PhP325M
To replace 39 KM of old pipes.

Recovery of 18 mld of potable water

PARANAQUE CITY: PhP130M
To replace 18 km of old pipes

Increase in line pressure from 10 psi to 16 psi
Metro Manila’s West Zone

2014

Replaces 30 year-old pipes

Reduces NRW

Recovers 14 mld of Potable Water

Benefits 4,000 Households
METRO MANILA WEST ZONE

2014

Maynilad
CAPEX: PhP18 B

P8.2 Billion

SEWAGE and SEPTAGE TREATMENT PLANTS
2014

METRO MANILA WEST ZONE

CAPEX: PhP18 B

- PhP4.6 B: Wastewater Coverage Expansion
- PhP2.8 B: 60 Km. of Sewer Lines
- PhP1.7 B: Muntinlupa Wastewater Treatment Plant
- PhP1.0 B: Pasay Sewage Treatment Plant Cap. = 46,600 cumd
Metro Manila’s West Zone

On-Going Project: Pasay Sewage Treatment Plant

PASAY STP
Cap. 46,600 cumd

2014

Will Serve 254,000 People of Pasay & Makati
Metro Manila’s West Zone

Wastewater Management Efforts

San Antonio and Del Monte STP’s

IWA’s PROJECT INNOVATION AWARDS
Metro Manila’s East Zone

Provides Water & Wastewater Services to East Zone

>6.3 M People

Quezon City
Manila
Makati
Pasig
San Juan

Mandaluyong
Marikina
Taguig
Pateros
Rizal Province
Metro Manila’s East Zone

PhP350M

Marikina North Priority Segment Wastewater Project

80% Complete

3.5 Km. sewer pipe laying [project

522,000 RESIDENTS

MICRO-TUNNELING TECHNOLOGY

Sewage Treatment Plant
Metro Manila’s East Zone

TAYTAY, RIZAL

98% Service Coverage by year end
Metro Manila’s East Zone

Water for the Poor Project

Provides access to safe drinking water supply to poor families in Manila Waters’ service areas.
2010-2013: LWUA implemented internal and institutional reforms

- **2014**: LWUA steps up financial, technical and institutional development assistance to local water districts.
- **2014**: LWUA secured funding for projects:
  - Phil. Gov’t. – PhP4.0B
  - ADB – U.S.$60.0M
  - KfW – Euro 10.2M
LOCAL WATER UTILITIES ADMINISTRATION

65 Water Districts

292,000 Service Connections

$60.0M

2014

we're making the countryside a better place to live in
Local Water Utilities Administration

Funding & prosecution of various water supply projects

Access to Potable Water

Serving the Filipino since 1973

19.4 M Consumers Outside Metro Manila

2014

we’re making the countryside a better place to live in
PhP331M

National Anti Poverty Commission

LWUA

20 Waterless Areas

Local Water Districts
2014

800 Water Districts Formed

514 Active Water Districts

Ave. NRW = 22%
LOCAL WATER UTILITIES ADMINISTRATION

2014

- Develop Level III Water Supply
- Provide Financial & Technical Support
- Project Facilitator

Local Water Districts

Septage & Sewerage Projects

Phil. Natl. Sewerage and Septage Mgt. Program
2014

Local Water Utilities Administration

- Oversee Sanitation Projects
- Approve Alternative Modes of Tariff Rate Structure
- Conduct F/S for Sanitation/Septage Plans
- Conduct F/S for NRW Reduction and Control Programs

63 Water Districts

Local Water Districts

We’re making the countryside a better place to live in.
Rehabilitation & Reconstruction of Disaster Stricken Areas

Budget = PhP577M

- Power Generating Sets, Pumping & Chlorination Equipment: PhP77M
- Rehabilitation of Typhoon-Damaged Water Districts: PhP228M

- 59 Water Districts
- 82 Water Districts
- 340,000 households
Provision of Potable Water Supply: Sagana at Ligtas na Tubig sa Lahat (SALINTUBIG) Program

Program Target

Levels 1 & 2 Community-Based Water Supply Systems

Budget: PhP1.5B/year

Implementation Period: 6 Years 2011 - 2016

455 Waterless Communities

Other LGUs
SALINTUBIG Program

OBJECTIVES:

• Increase access to water & Sanitation Services, and

• Improve capacities of LGUs & WSPs in Planning, Implementation, Operation & Management of water supply facilities

IMPLEMENTING PARTNERS

DEPARTMENT OF HEALTH

NATIONAL ANTI-POVERTY COMMISSION

LOCAL WATER UTILITIES ADMINISTRATION

LOCAL GOVERNMENT UNITS
SALINTUBIG 2014 STATUS

PhP1,5B Per year

2011 to 2016

535 Municipalities Targeted

192 Projects Completed

186 On-Going

20 Tendering Stage

112 POW Preparation
Thank You
and
Good Day...