

Second Public Consultation

PASAY

Wastewater Treatment Facility

09 December 2011

Barangay 168, Pasay City

Objective

- 🌐 To update the City Government of Pasay of the proposed Project
- 🌐 To seek government support and assistance in the implementation of the project



Pasay Sewerage System (Maricaban Retarding Pond)

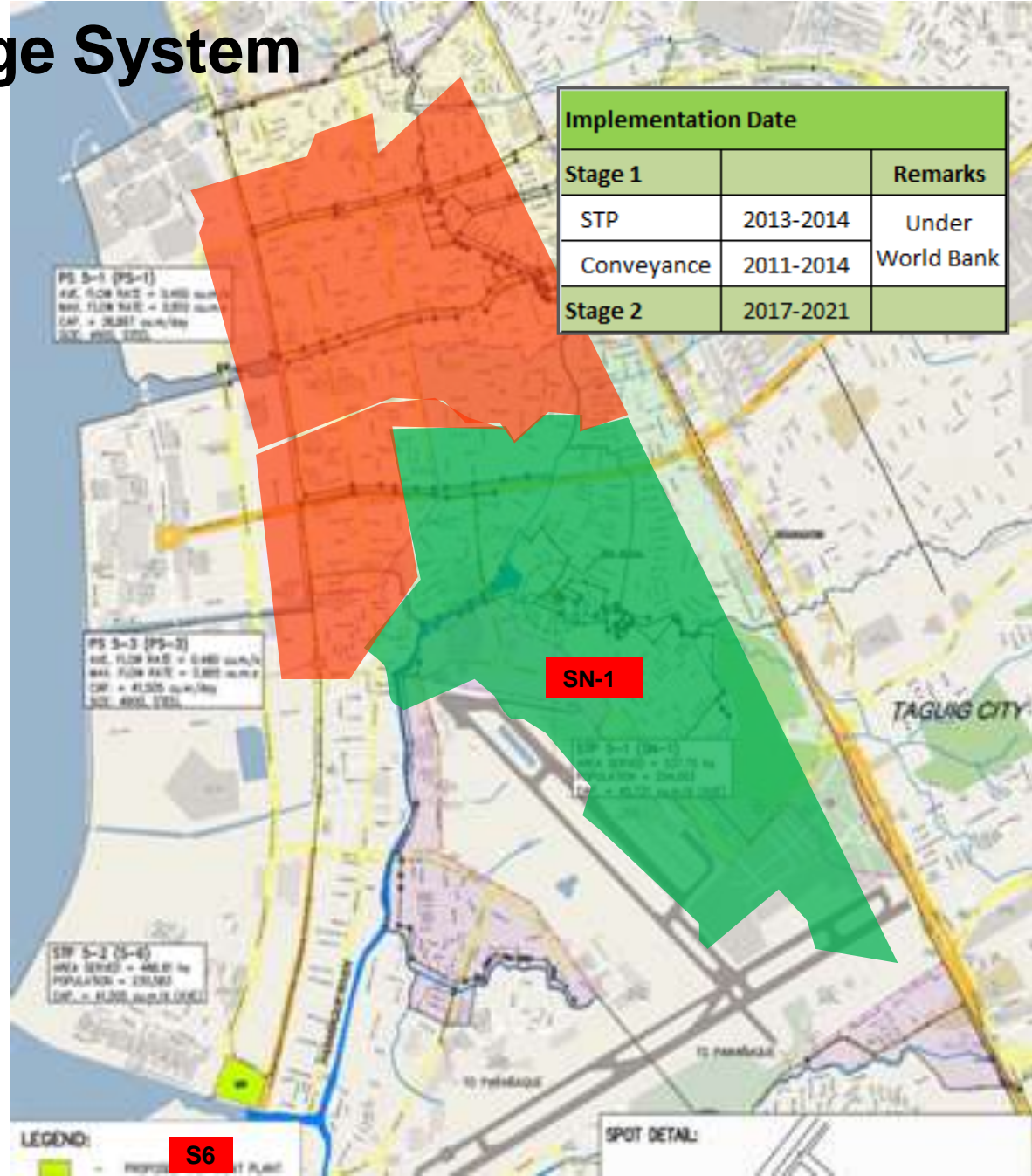


Parameter	Actual Value (Upstream Tripa De Galina), mg/L	Actual Value(Downstream Tripa De Galina), , mg/L	DENR Standard (Class C water), mg/L
BOD	66	76	7(10)
DO	0.5	0.4	5
TSS	12.2	38	70
Oil and Grease	0.8	0.8	2
Total Coliform (MPN/100ml)	46x 10⁶	54 x 10⁶	5,000

Pasay Sewerage System

	Stage 1	Stage 2
No of STPs	1	2
Capacity, MLD	46	88
Population Served	254,000	485,000

Implementation Date		
Stage 1		Remarks
STP	2013-2014	Under
Conveyance	2011-2014	World Bank
Stage 2	2017-2021	



Legend:

- First Stage Conveyance
- Second Stage Conveyance
- Third Stage Conveyance
- First Stage Service Area
- Second Stage Service Area
- Third Stage Service Area

PASAY STP

09.06.11



PLANT VISIT @ DDSSTP

Project Updates

PASAY STP

09.07.11



**PUBLIC CONSULTATION @ C. Jose St., Brgy. 168,
Malibay, Pasay City
Proposed STP Site**

Project Updates

PASAY STP



On-going Clearing Operations

Project Updates

PASAY STP

12.06.11



Water Sampling

Pasay Sewerage System

Agenda	Date Completed
Feasibility Study	April 2011
Plant Visit w/ Pasay LGU	September 6, 2011
1 st Public Consultation	September 7, 2011
Conveyance Detail Design	Awarded to OEC Japanese Consultant Notice to proceed - November 27, 2011
Clearing Operation	On-going
Water Quality Sampling	December 6, 2011
2 nd Public Consultation	December 9, 2011

WHAT'S NEXT?

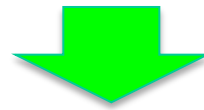
- Fast track all construction related activities
- Do necessary coordination works
 - Preparation of communication plan
 - Meeting with stakeholders
 - Community
 - LGU
 - MMDA
 - Preparation & finalization of MOUs with LGUs & MMDA

Implementation Scheme



Integrated Approach

Objective: *To ensure project sustainability and maximize environmental benefits*



Partnering with all stakeholders

LGUs'/Communities/NGOs' – raise awareness, get support and acceptance, solicit cooperation and instill “malasakit”

Effective wastewater management

Effective Solid Waste Management

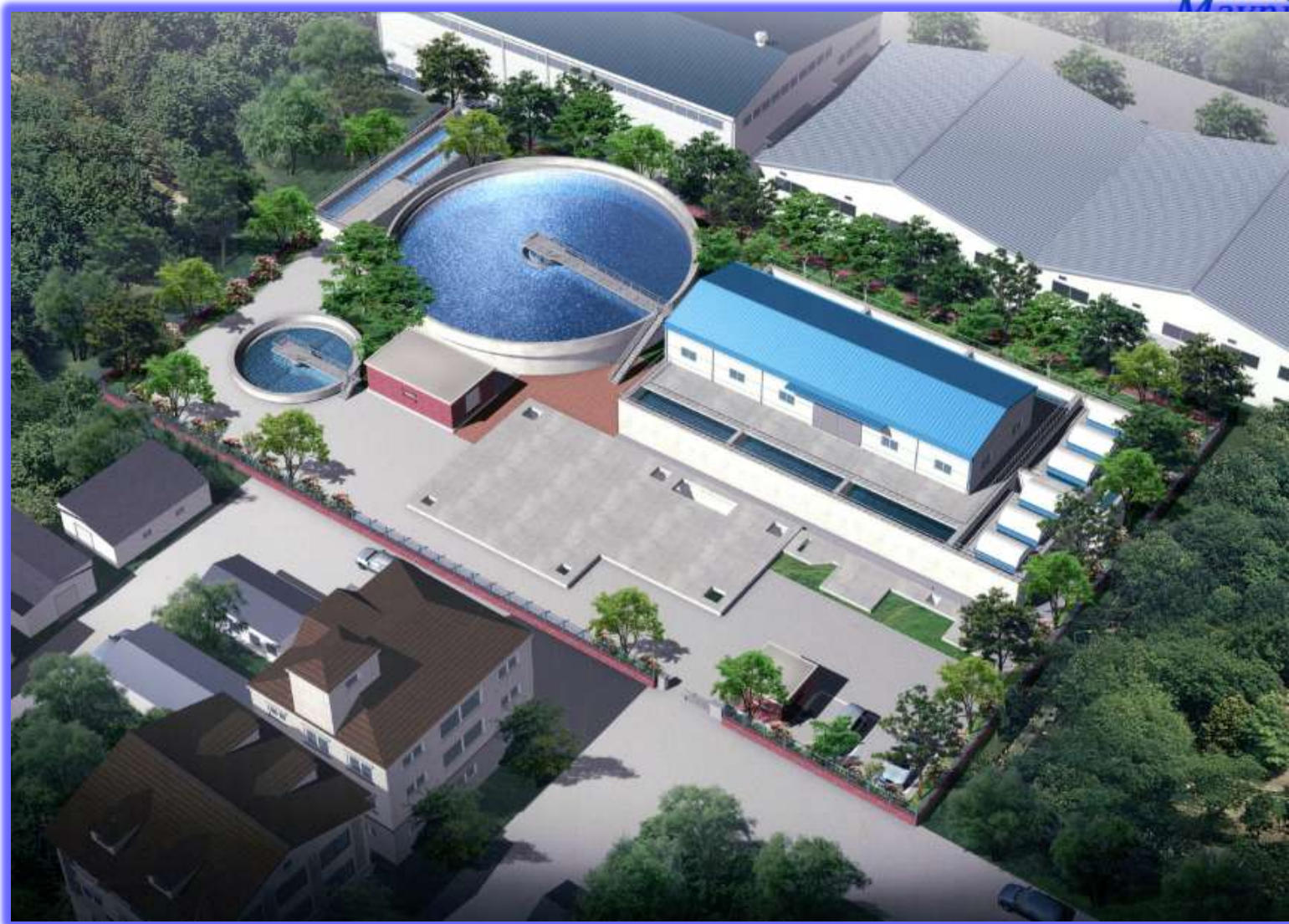
Effective Drainage Maintenance

Community

- **Ensure proper use & maintenance of drainage system**
- **Proper solid waste disposal**
- **Report illegal disposal of wastewater**
- **Maintenance of cleanliness & proper hygiene**

Limitations/Challenges

- **Poor garbage collection**
- **Poor drainage maintenance**
- **Gaps within drainage**
- **Poorly designed and constructed drainage system**
- **Failure to secure/acquire stp sites/lot within the target period**
- **Informal settlers in esteros and creeks**



Perspective View

Thank you!



Maynilad



Pasay Conveyance

Sewerage

refers to the system that collects, treats, and dispose wastewater.

Sewage/Wastewater

Human wastes, washings from kitchen, laundry, and other cleaning activities and process water coming from industrial plants

Sewer

refers to pipe that conveys wastewater

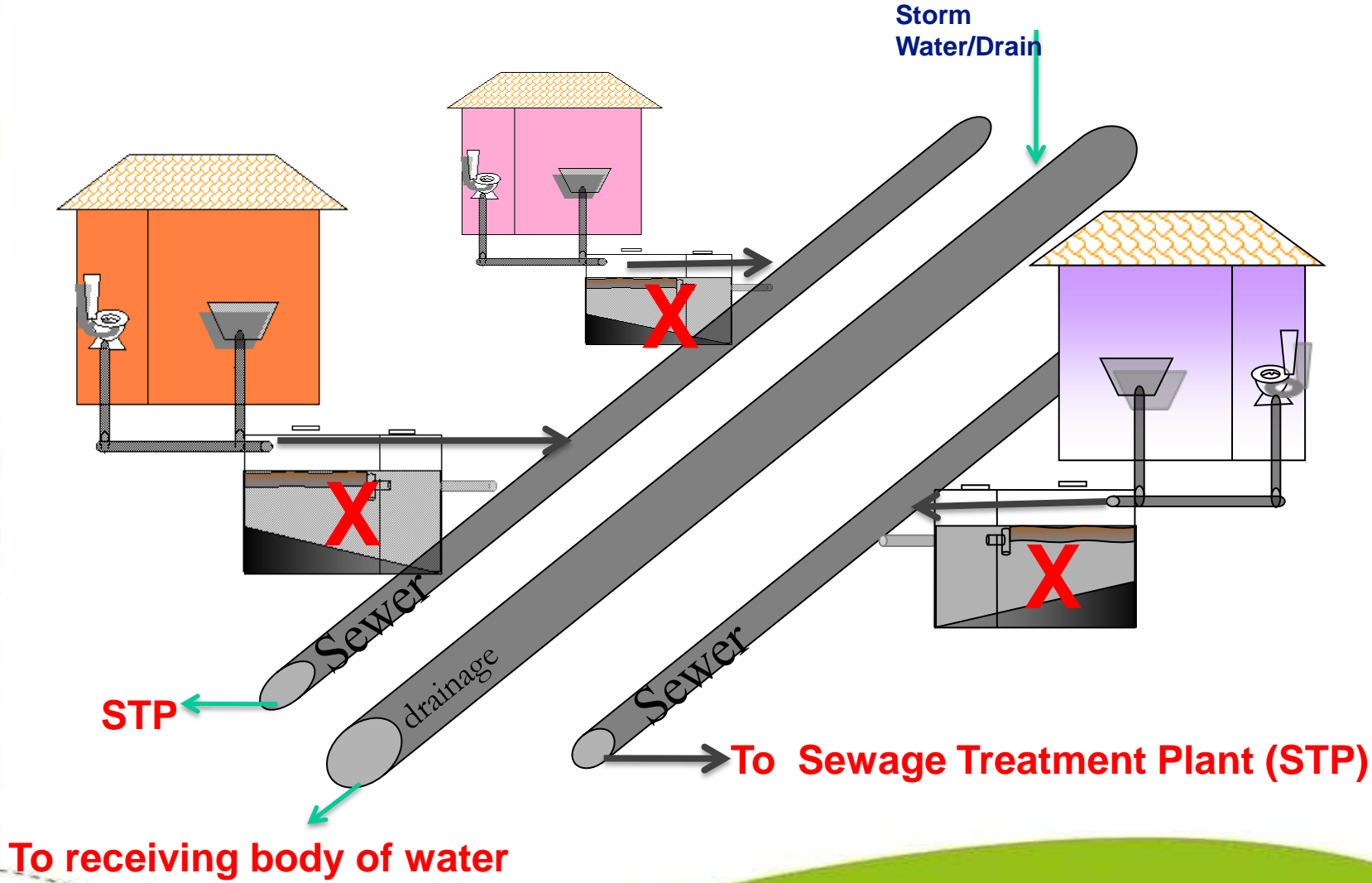
Sanitation

refers to system utilizing individual septic tanks to provide partial treatment of wastewater prior to discharge

Septage

refers to the mixture of liquid and solids in a septic tank, which becomes a source of pollution when disposed without effective treatment

Sewered Area:



Types of Sewerage System

Separate System

Collects wastewater into a sanitary sewer and storm water into a storm sewer/drainage line.

Combined System

Collects both wastewater and storm water with a single pipe called a combined sewer.