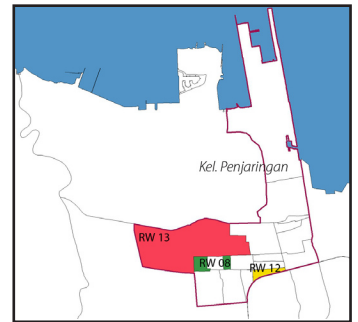


MASTER METER CONSTRUCTION

This project is funded by International Development Research Centre (IDRC) - Canada, which strives to build trust through collaboration between local communities and local governments, finance pilot projects that demonstrate innovative approaches to community problems, and develop economic incentives that empower the urban poor to reduce their poverty while improving the environment.



Location :
Tanjung Wangi,
RW 12
Penjaringan,
North Jakarta



Methodology

TO PROVIDE poor households with access to low cost clean water supply through communal connection, HP3/Lestari collaborates with Palyja (PAM LYONNAISE JAYA), the private water provider, and community based organization Jaka Tirta 012 to pilot the project. The infrastructure itself is a water supply installation with roof- and groundtank reservoir equipped with a large meter to record main water usage. In addition, each household is going to install smaller meter acting as key comparison with communal water recording. The Master Meter design capacity is to suffice the average consumption rate of 60 HH/day which is 24 m3/day or average rate is 400 liter/HH/day

Objectives

1. To improve access of low-income households to affordable, adequate water supply
2. To improve the capability of Community Based Organization and water users in managing the water distribution system

Impacts

1. 60 HOUSEHOLDS had been registered to be connected to the master meter system and already paid IDR 9.4 million contribution of the total targeted 12 million IDR for the connection fee
2. The COMMUNITY based organisation (CBO) named Jaka Tirta, established in the last project period, has maintained its ongoing weekly meetings. Every Tuesday evening the 60 households participating in the pilot project have met to discuss and establish standard operating procedures for the pilot project system. The CBO also decided on the tariff to be collected, and began collecting the contribution from individual households towards their connection costs.
3. Palyja COMMITTED to provide a contribution of 33.1 million IDR for the master meter project installation.
4. Recommendation LETTER from Social Welfare Division of North Jakarta Municipality to Master Meter Project.



FINANCIAL FIGURES

1. OUT OF IDR 600,000 ONETIME CONNECTION FEE, EACH HOUSEHOLD PAY IDR 200,000 WHILE THE PROJECT SUBSIDIZED IDR 400,000.
2. PROCUREMENT OF MATERIALS AND CONSTRUCTION OF: GROUND TANK, ROOF TANK, TRANSMISSION PIPE FROM GROUND TANK TO ROOF TANK AND DISTRIBUTION PIPES COSTS 365 MILLION IDR
3. THE PROJECT IS EXPECTED TO CHARGE PROGRESSIVELY UP TO IDR 7,000 PER M³ WATER USAGE.
4. GENERATING IDR 44.3 MILLION POTENTIAL BENEFITS FOR THE HOUSEHOLD FAMILY

Baseline Value

1. Monthly expenses of target HH for water usage is Rp.27,000 per m³
2. Percentage of monthly expenses in proportion to other expenses is 8.4 %
3. Volume of water used is 215 liter per HH per day, or 54 liter per capita per day

Timeline

January - March 2008: Socialization, Community Mapping

March 2008: Participation in World Water Day Expo

April 2008: Established CBO Jaka Tirta 012

Engineering Design: May 2008

August 2008: International Seminar on Sustainable Urban Development, Leadership Training

November 2008: Cross Visit to Community Based Water Supply in Medan, Health & Hygiene Training

October 2008 – February 2009: Construction

December 2008: Attained Recommendation Letter from Jakarta Mayor



Project Indicators

1. Reduce the monetary equivalent of monthly expenses of target HH water usage
2. Increase the volume of clean water consumed by water users

Challenges

Obtaining formal authorization from government permitting land use by the pilot projects

Beneficiaries

Direct beneficiaries of 60 households

References

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Survey on Drinking Water Services, Sanitation, and Solid Waste Management in Kelurahan Penjaringan - North Jakarta, PPMA, September 2007

HP3 project presentation at the Indonesian National Sanitation Summit, MercyCorps, 16th – 17th January 2008.

Baseline Survey on Household Water Consumption and Expenditure, MercyCorps, March 2008

Cost-Benefit Analysis of the HP3-Lestari Pilot Projects in Penjaringan, G. Hossein Parandvash, November 2008

HEALTHY PLACES PROSPEROUS PEOPLE (HP3)

