

USAID INDONESIA URBAN WATER SANITATION AND HYGIENE

QUARTERLY PROGRESS REPORT 4

JANUARY - MARCH 2012



APRIL 2012

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Cover Photo

Ambassador Marciel met with the villagers of Undaan Tengah to inaugurate the Household Connection of Kudus Water Utility Using Microfinance project, a collaborative efforts between Tirta Makmur Cooperative of Kudus Water Utility and the Kudus Branch of Syariah Mandiri Bank. Also attending the event was H. Musthofa, the Head of Kudus District; Akhmadi Safa, the Director of Kudus Water Utility; and Yuslam Fauzi, the Director of Syariah Mandiri Bank.

(Photo: Budi)

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TABLE OF CONTENTS

| | |
|--|-----------|
| LIST OF ACRONYMS | V |
| COVER STORY..... | IX |
| US AMBASSADOR INAUGURATES HOUSEHOLD CONNECTION USING MICROFINANCE IN KUDUS IX | |
| INTRODUCTION..... | I |
| IUWASH IN BRIEF | 1 |
| CURRENT PROGRESS OF IUWASH PROJECT ACTIVITIES | 2 |
| SUMMARY OF ACHIEVEMENTS..... | 3 |
| HIGH LEVEL RESULTS & COMPONENT LEVEL PROGRESS..... | 5 |
| INTRODUCTION..... | 5 |
| HIGH LEVEL RESULTS..... | 6 |
| COMPONENT 1: MOBILIZING DEMAND FOR SERVICE DELIVERY | 7 |
| 1. Outcome MD-1: Households contribution to sanitation improvements..... | 8 |
| 2. Outcome MD-2: Safe drinking water & adequate sanitation programs by civil society groups and/or government cadres | 11 |
| 3. Outcome MD-3: Civil society groups that report on PDAM operations or performance | 12 |
| 4. Outcome MD-4: Sanitation for the poor toolkit..... | 14 |
| 5. Outcome MD-5: Household adoption of improved hygiene practices..... | 14 |
| COMPONENT 2: IMPROVING & EXPANDING CAPACITY FOR SERVICE DELIVERY..... | 16 |
| 1. Outcome IC-1: PDAMs with improved technical, financial and management performance..... | 17 |
| 2. Outcome IC-2: PDAMs assisted in restructuring their outstanding debts..... | 18 |
| 3. Outcome IC-3: PDAMs with improved credit worthiness | 19 |
| 4. Outcome IC-4: Local government implementing climate change adaptation measures, based on raw water sources vulnerability assessment..... | 20 |
| 5. Outcome IC-5: Local Governments implementing integrated sanitation and hygiene interventions | 21 |
| 6. Outcome IC-6: Small and medium business providing affordable construction and sanitation facility management services | 22 |
| 7. Outcome IC-7: Poor residents reporting greater satisfaction with WATSAN services..... | 23 |
| COMPONENT 3: STRENGTHENING THE ENABLING ENVIRONMENT..... | 25 |
| 1. Outcome EE.1: Improving local government prioritization of safe drinking water and sanitation through their adoption of supportive local policies and increased budget allocations..... | 25 |
| 2. Outcome EE.2: Improving PDAM or local government ability to obtain access to long-term funding for water or sanitation investment plans..... | 28 |
| 3. Outcome EE.3: Increasing the percentage of financial resources accessed by service providers from public and private sources for expansion of improved water and sanitation services..... | 30 |
| 4. Outcome EE.4: Facilitating access of low-income households to microfinance for improvements in water and sanitation..... | 31 |
| 5. Outcome EE.5: Facilitating Local Government adoption of new or improved mechanisms for citizens to engage local government in water and sanitation | 33 |
| 6. Outcome IC-3: PDAMs with Improved Creditworthiness | 33 |
| GRANTS PROGRAM..... | 35 |
| NATIONAL ACTIVITIES & KEY UPCOMING EVENTS | 37 |
| 1. General Project Management | 37 |
| 2. Project Communications..... | 38 |
| 3. Program Reporting..... | 40 |
| 4. Geographic Information Systems and Mapping..... | 41 |
| 5. Gender | 41 |
| 6. Monitoring and Evaluation | 42 |
| 7. Environmental Compliance..... | 43 |

| | | |
|--|--|------------|
| 8. | <i>Support to Corporate Social Responsibility (CSR) Programs</i> | 44 |
| 9. | <i>Collaboration with Other Development Programs</i> | 45 |
| REGIONAL HIGHLIGHTS & CLUSTER REPORTS | | 47 |
| REGIONAL HIGHLIGHTS..... | | 47 |
| GRANT PROGRAM | | 48 |
| HIGH LEVEL VISITS | | 48 |
| CLUSTER REPORTS..... | | 49 |
| NORTH SUMATRA..... | | 52 |
| | <i>Summary</i> | 52 |
| | <i>Activities Conducted</i> | 53 |
| | 1. <i>Behavior Change Communication and STBM Support</i> | 53 |
| | 2. <i>Urban Water Supply</i> | 53 |
| | 3. <i>Urban Sanitation</i> | 54 |
| | 4. <i>Governance</i> | 54 |
| | 5. <i>Municipal Finance</i> | 55 |
| | <i>Upcoming Events</i> | 55 |
| | <i>Cluster Report</i> | 55 |
| WEST JAVA/DKI JAKARTA/BANTEN | | 64 |
| | <i>Summary</i> | 64 |
| | <i>Regional Highlight</i> | 64 |
| | <i>Other Highlight</i> | 66 |
| | <i>Key Upcoming Events</i> | 67 |
| | <i>Cluster Report</i> | 67 |
| CENTRAL JAVA | | 76 |
| | <i>Summary</i> | 76 |
| | <i>Activities Conducted</i> | 76 |
| | <i>Other Highlights</i> | 78 |
| | <i>Key Upcoming Events</i> | 78 |
| | <i>Cluster Report</i> | 78 |
| EAST JAVA ⁸⁵ | | |
| | <i>Summary</i> | 85 |
| | <i>Activities Conducted</i> | 85 |
| | <i>Other Highlights</i> | 87 |
| | <i>Upcoming Events</i> | 88 |
| | <i>Cluster reports</i> | 88 |
| SOUTH SULAWESI/EASTERN INDONESIA | | 96 |
| | <i>Summary</i> | 96 |
| | <i>Activities Conducted</i> | 96 |
| | <i>Other Highlight</i> | 98 |
| | <i>Key Upcoming Events</i> | 98 |
| | <i>Cluster Report</i> | 99 |
| PROJECT MONITORING & EVALUATION | | 109 |
| INTRODUCTION | | 109 |
| IUWASH PROGRESS BASED ON PMP | | 110 |
| ANNEXES | | 119 |
| ANNEX 1: DATA OF SANITATION SUPPORT ACTIVITIES | | 119 |
| ANNEX 2: QUESTIONNAIRE..... | | 121 |
| ANNEX 3: TRAINING, WORKSHOP AND SEMINAR ACTIVITIES IN QUARTER 2 PY2, JANUARY – MARCH 2012 | | 125 |
| ANNEX 4: ACHIEMENT OF IUWASH PMP OUTCOME, STATUS OF MARCH 2012..... | | 134 |

LIST OF ACRONYMS

The following is a list of acronyms commonly used in this report and on the project as a whole.

| | |
|-----------------|---|
| ADB | Asian Development Bank |
| AIDAR | Agency for International Development Acquisition Regulations |
| Akatirta Wiyata | Akademi Teknik Tirta Wiyata |
| AMPL | Air Minum dan Penyehatan Lingkungan / Drinking Water and Environmental Health |
| APBD | Anggaran Pendapatan dan Belanja Daerah / Local Government Budget |
| APBN | Anggaran Pendapatan dan Belanja Negara / National Government Budget |
| APOKSI | Aliansi Kota Peduli Sanitasi / Alliance of Cities Concerned about Sanitation |
| AusAID | Australian Agency for International Development |
| BAPPENAS | Badan Perencanaan dan Pembangunan Nasional / National Development Planning Agency |
| BAWASDA | Badan Pengawas Daerah / Regional Supervisory Board |
| BCC | Behavior Change Communications |
| BJB | PT Bank Pembangunan Daerah Jabar Banten / Regional Development Bank of West Java and Banten |
| BNI | Bank Nasional Indonesia |
| BPKP | Badan Pengawasan Keuangan dan Pembangunan / Finance and Development Audit Board |
| BPRS | Bank Pembiayaan Rakyat Syariah/ Sharia Rural Banks |
| BRI | Bank Rakyat Indonesia |
| BSM | Bank Syariah Mandiri |
| BTPN | Bank Tabungan Pensiunan Nasional / National Savings Pensioners Bank |
| C1 | Component One |
| C2 | Component Two |
| C3 | Component Three |
| CBO | Community-Based Organization |
| CJ | Central Java |
| CLTS | Community Led Total Sanitation |
| COP | Chief of Party |
| COR | Contracting Officer's Representative |
| CSO | Civil Society Organization |
| CSR | Corporate Social Responsibility |
| CSS | City-wide Sanitation Strategy |
| DAI | Development Alternatives Inc. (IWWASH prime contractor) |
| DAK | Special Allocation Fund |
| DD | Diarrheal Disease |
| DEWATS | Decentralized Wastewater Treatment Systems |
| DCOP | Deputy Chief of Party |
| DPRD | Dewan Perwakilan Rakyat Daerah / Local House of Representatives |
| EJ | East Java |
| ECO-Asia | Environmental Cooperation – Asia (USAID) |
| EE | Enabling Environment (for improved service delivery, Component 3) |
| EMMP | Environmental Mitigation and Monitoring Plan |
| ESP | Environmental Services Program |
| FTL | Field Technical Liaison |

| | |
|--------------|--|
| GCM | Global Circulation Model |
| GEC | Grant Evaluation Committee |
| GIS | Geographic Information System |
| GUC | Grants Under Contract |
| IBL | Indonesia Business Links |
| IC | Improved Capacity (for service delivery, Component 2) |
| ICED | Indonesia Clean Energy Development Project (USAID) |
| IEE | Initial Environmental Examination |
| INDII | Indonesia Infrastructure Initiative (AusAID) |
| IR | Intermediate Result |
| ISSDP | Indonesia Sanitation Sector Development Program |
| IUWASH | Indonesia Urban Water Sanitation and Hygiene |
| JICA | Japan International Cooperation Agency |
| KSR | Kupedes untuk Sambungan Rumah / Rural Development Credit for Household Connections |
| KUPEDES | Kredit Umum Pedesaan / Village Credit |
| LG | Local Government |
| M&E | Monitoring and Evaluation |
| MBR | Masyarakat Berpenghasilan Rendah / Low-income communities |
| MC | Micro-finance Specialist |
| MCK++ | Mandi Cuci Kakus plus plus / Bathe, Wash, Latrine “plus plus” |
| MD | Mobilized Demand (for improved service delivery, Component 1) |
| MFI | Micro-Financing Institution |
| MLD | PT. Mitra Lingkungan Dutaconsult (IUWASH subcontractor) |
| MOF | Departemen Keuangan / Ministry of Finance |
| MOFA | Departemen Luar Negeri / Ministry of Foreign Affairs |
| MOH | Departemen Kesehatan / Ministry of Health |
| MOHA | Departemen Dalam Negeri / Ministry of Home Affairs |
| MOPW | Departemen Pekerjaan Umum / Ministry of Public Works |
| MOU | Memorandum of Understanding |
| MSMHP | Metropolitan Sanitation Management and Health Project |
| Musrenbang | Musyawah Perencanaan Pembangunan / Development Planning Consultation process |
| NAD | Nanggroe Aceh Darussalam |
| NGO | Non Governmental Organization |
| NRW | Non-Revenue Water |
| O&M | Operations and Maintenance |
| PDAM | Perusahaan Daerah Air Minum / Local Drinking Water Company |
| Pefindo | Pemeringkat Efek Indonesia (Rating Firm) |
| PEMDA | Pemerintah Daerah / Local Government |
| PERPAMSI | Persatuan Perusahaan Air Minum Seluruh Indonesia / Union of Indonesian Water Supply Enterprises |
| PerPres | Peraturan Presiden / Presidential Regulation |
| PII | Penjaminan Infrastruktur Indonesia / Indonesia Infrastructure Assurance |
| PKK | Pemberdayaan Kesejahteraan Keluarga / Family Welfare Empowerment |
| PKS | Perjanjian Kerja Sama / Cooperation Agreement |
| PMK | Peraturan Menteri Keuangan / MOF Decree |
| PMP | Performance Monitoring Plan |
| PNPM Mandiri | Program Nasional Pemberdayaan Masyarakat Mandiri / National Program for Community Self-Empowerment |
| Pokja | Kelompok Kerja / Working Group |
| Pokja-San | Kelompok Kerja Sanitasi / Sanitation working group |
| Posyandu | Pos Pelayanan Terpadu / Integrated (health) Services Post |

| | |
|---------|--|
| POU | Point of Use |
| PPKM | Program Peningkatan Keberdayaan Masyarakat / Increased Community Empowerment Program |
| PPP | Public Private Partnership |
| PPSP | Percepatan Pembangunan Sanitasi Perkotaan / Accelerated Urban Sanitation Development |
| PTI | Participant Training Information |
| PU | Pekerjaan Umum / (Ministry of) Public Works |
| QPR | Quarterly Progress Report |
| RAD | Rencana Aksi Daerah/ Local Action Plan |
| RT | Rukun Tetangga / Neighborhood Association |
| RW | Rukun Warga / Community Association, equal to Ward |
| SANIMAS | Sanitasi Berbasis Masyarakat / Community-Based Sanitation |
| SDG | Sanitation Donor Group |
| SME | Small and Medium Enterprises |
| SMI | Sarana Multi Infrastruktur (Infrastructure finance intermediary) |
| SOW | Scope of Work |
| SSE | South Sulawesi and Eastern Indonesia |
| SSK | Strategi Sanitasi Kota / Citywide Sanitation Strategy (see CSS) |
| STBM | Sanitasi Total Berbasis Masyarakat / Community-Based Total Sanitation |
| TAMIS | Technical and Administrative Management Information System |
| TMG | The Manoff Group (IUWASH subcontractor) |
| USAID | United States Agency for International Development |
| USDP | Urban Sanitation Development Program |
| WASPOLA | Water Supply and Sanitation Policy Formulation and Action Planning |
| Watsan | Water and Sanitation |
| WES | Water, Environment and Sanitation |
| WRM | Water Resource Management |
| WSP | Water and Sanitation Program (World Bank) |
| YLKI | Yayasan Lembaga Konsumen Indonesia / Indonesian Consumer Institute Foundation |

COVER STORY

US AMBASSADOR INAUGURATES HOUSEHOLD CONNECTION USING MICROFINANCE IN KUDUS

Kudus. On February 22, 2012, Undaan Tengah village, with a population of 4,525 on 622 hectares area, located 60 km from Semarang, the capital of Central Java Province, was bustling with activity to welcome a special guest, U.S. Ambassador to Indonesia, Scot Marciel.

Ambassador Marciel met with the villagers of Undaan Tengah to inaugurate the Household Connection of Kudus Water Utility Using Microfinance project, a collaborative efforts between Tirta Makmur Cooperative of Kudus Water Utility and the Kudus Branch of Syariah Mandiri Bank. Also attending the event was H. Musthofa, the Head of Kudus District; Akhmadi Safa, the Director of Kudus Water Utility; and Yuslam Fauzi, the Director of Syariah Mandiri Bank.



The U.S. Ambassador to Indonesia, Scot Marciel speaks at the inauguration ceremony of Household Connection of Kudus Water Utility Using Microfinance in Kudus, Central Java on February 22, 2012.

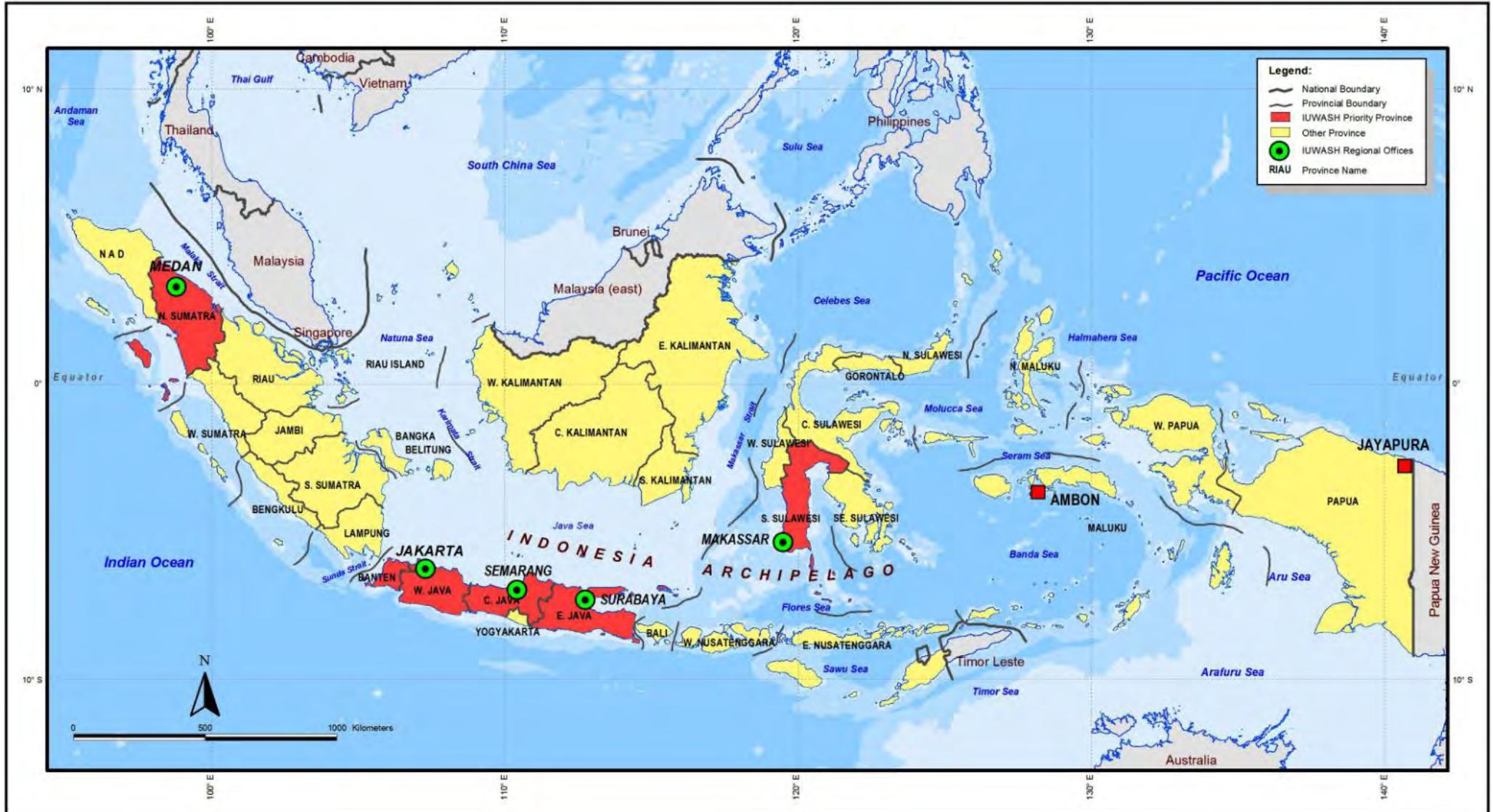
Ambassador Marciel inaugurated the household connection of Mrs. Hindiyati and talked to Mrs. Marfuah, both who have installed household connections using microfinance facility. Mrs. Hindiyati was very content with her new household connection, saying, “I’m very happy to be able to get the household connection from Kudus Water Utility at my home. It’s now very easy to get clean water for daily use. I need to pay 10 times of installments for the household connection”. Ambassador Marciel encouraged the local government and the people to work together and commit to successfully implementing the microfinance program.

Akhmadi Safa, the Director of Kudus Water Utility declared that increased access to clean water is very much needed by the people of Kudus District, as many people still do not have access to clean piped water and the cost of household connection is quite high. At the moment, the service coverage of Kudus Water Utility is still low at 17 percent, while its nonrenewable water rate is quite high at 36 percent.

Mr. Akrab, the Head of Undaan Tengah village expressed his deep appreciation to Ambassador Marciel for his visit to the village. He also affirmed his desire to continue working with IUWASH, especially to increase access to sanitation, since facilities in the village are scarce.

Microfinance for clean piped water help low-income communities to install household connections through light installments for 12-36 months, starting at Rp. 83,000.00 monthly. Currently, there are already 500 new household connections in Kudus district with a total estimated value of Rp. 500 million. The cooperation between Tirta Makmur Cooperative of Kudus Water Utility and Syariah Mandiri Bank of Kudus Branch is expected to gain around 2,500 new household connections by end of 2012. (Alifah Lestari, Ribut Maryanto, Yudi Wijanarko)

Program Site Location Map



Section I

INTRODUCTION

This is the fourth Quarterly Progress Report (QPR) of the USAID Indonesia Urban Water, Sanitation and Hygiene (IUWASH) project. This QPR covers the period of January I through March 31, 2012. Project activities during this reporting period focused principally on strengthening the program's focus on the local level—programming a wide variety of support through direct technical assistance, outside expertise, and increasing involvement of non-profits and universities. This report provides detail on these and other IUWASH activities on national, regional and local levels. Progress has been tracked against the project's Workplan for Project Year Two (PY2) and further highlights activities which were unplanned at the period's onset, but which became necessary to pursue or attractive opportunities that would align with the project's long term goals.



Figure 1: IUWASH Conceptual Framework.

IUWASH IN BRIEF

The USAID Indonesia Urban Water, Sanitation and Hygiene (IUWASH) Project (Contract No. AID-497-C-11-00001) is a 60-month effort designed to support the Government of Indonesia in making significant progress towards achieving its safe water and sanitation MDG targets by expanding access to these services. The IUWASH Project works with Indonesian government agencies (central, provincial, and local), local government-owned water utilities (PDAMs), sector associations, NGOs, communities, universities, and the private sector. With USAID funding of \$33.7 million dollars, the Project is expected to result in the following benefits to Indonesia:

- Two million people in urban areas gain access to improved water supply as a result of US Government assistance;
- 200,000 people in urban areas gain access to improved sanitation facilities as a result of US Government assistance; and
- The per unit water cost paid by the poor in targeted communities decreases by at least 20% through more participatory, transparent, accountable, and financially enabled services.

To contribute to more equitable access, IUWASH emphasizes expanding access among Indonesia's urban poor, currently those people with the most limited access to these services. To ensure that access improvements are sustained, IUWASH implements activities which contribute to the achievement of three distinct types of intermediate results. These results include:

- Increased demand for safe drinking water access and improved sanitation among urban communities and households with currently unimproved access;

- Improved water and sanitation services provided by the public and private sector institutions in urban areas, with sufficient sustainable capacity to meet increased demand; and
- Improved governance and finances create an enabling environment that supports equitable access to safe drinking water and improved sanitation in urban areas.

Corresponding to the above results are three technical components that together will lead to increased access to water and sanitation services (see graphic describing the IUWASH Conceptual Framework). Component 1 focuses on the mobilization of demand; Component 2 aims to increase capacity for service delivery; and Component 3 seeks to improve the enabling environment. These components are mutually reinforcing and the outcomes targeted in each are inextricably linked—success under one component cannot be achieved if there is not commensurate success in the other two. These components are further supported by a small grant program to promote innovation and scaling-up of successful approaches to increasing access.

Operationally, IUWASH is a regionally based project supported by a central office in Jakarta and regional offices in Medan, Semarang, Surabaya and Makassar, as well as satellite and liaison offices in approximately 20 other locations. Through this structure, IUWASH aims to assist approximately 50 PDAMs to improve access to safe water and 30 local governments to improve access to adequate sanitation.

CURRENT PROGRESS OF IUWASH PROJECT ACTIVITIES

The main activities conducted during this second quarter of PY2 were squarely focused on continued implementation of the PY2 Workplan, with a particular emphasis on ensuring that the project at all levels is as responsive as possible to priorities set forth by local stakeholders. Key activities included:

- Completion of Stakeholders Consultation which consisted of twenty focus group discussions and nineteen in depth interviews in Medan and Semarang. The recommendations of this activity will be used to develop communications messages and approaches for the behavior change strategy;
- Drafted promotional training materials to support Micro Credit for Water Connection. These materials will be used to support micro credit training and advocacy support;
- Actively participated in several Ministry of Health events to support the development of STBM modules and CLTS Training at the national and local levels for targeting ODF at pilots areas. As part of STBM Program, IUWASH met with the High 5 and Plan International Team to discuss STBM approach and plan activities to implement the STBM Program and CLTS in urban areas;
- Supported several events that involved USAID and GOI high level officers such as 1) the USAID Mission Director's visit to Jayapura to see the community based communal septic tank; 2) SS/EI IUWASH regional launch in Makassar; 3) The US Ambassador's visit to Kudus, Central Java for the Micro Credit for Water Connection celebration and 4) Sinar Harapan talk show for World Water Day Commemoration;
- Conducted an assessment of PDAM public communications as part of the initial process to lay the ground work for MD 3: Civil Society that reports on PDAM operations and performance;
- Completed the IUWASH baseline survey of PDAM Performance Index. These baseline results will be used to monitor the progress of PDAM performance during

IUWASH support. It will be updated in September 2012 for IUWASH Annual Report;

- Several activities were conducted in support of PDAM performance improvement including, 1) NRW reduction for water utilities in DKI Jakarta, 2) energy efficiency assessments for five PDAMs in Central Java and East Java, 3) improved PDAM accounting and customer billing systems for four PDAMs in North Sumatra, 4) cross visit of two PDAMs in West Java to PDAM Bandung to learn about on-line billing and accounting system and 5) support of eight PDAMs to optimize their distribution network, through on-the-job technical and GIS training in North Sumatra, West and East Java and South Sulawesi;
- Supported the monitoring of debt restructuring by Ministry of Finance for fourteen PDAMs in North Sumatra, West Java, Central Java, East Java, South Sulawesi and Kota Jayapura;
- Facilitated the signing of an agreement between JKM, Coca Cola Foundation Indonesia and IUWASH on the Water Replenishment Program in the Sibolangit area to improve the raw water of PDAM Tirtanadi. IUWASH also continued to support raw water vulnerability through the development of Steps of Water Security and Climate Change Adaptation Framework;
- As part of support to PPSP Program, IUWASH conducted training for IUWASH staff who will facilitate the development of White Book and SSK in seven cities and reviewed the existing White Book and SSK in four cities;
- Supported the development of improved septage management systems. This program is in collaboration with WSP and Ministry of Public Work;
- Completed APBD and policy data analysis as part of a baseline for Outcome EE-1. This baseline resulted in the calculation of an investment baseline and a leveraging target for new investment (Outcome EE-3);
- Implemented initial advocacy and capacity building efforts to increase investment in the water sector including a training for Supervisory Board members in North Sumatra;
- Supported seven PDAMs to implement PPP projects to boost service coverage in West Java, Banten, Central Java and East Java Provinces. This support included the implementation of a financial analysis for a project in Kabupaten Tangerang that will add nearly 24,000 new connections;
- Conducted a PPP training seminar in East Java to promote greater understanding among utilities as to how PPPs can be used to improve and expand service delivery;
- Established connections for the first 775 households under the microcredit program. The US Ambassador visited Kabupaten Kudus to witness the success of microcredit in expanding access to clean water;
- A total of twelve launching events and 32 Partnership Agreements have been conducted up to this Quarter.
- Completed recruitment of 99% of required staff. With an additional 11 positions, now the progress of recruitment is 97,5% of 120 positions instead of 109 positions.

SUMMARY OF ACHIEVEMENTS

In addition to the advancement of a wide range of specific project activities, IUWASH measures progress based on the project's achievement of outcomes and higher level results as defined in the IUWASH Project Monitoring Plan (PMP). Achievements of outcomes during this reporting period are HR-4 (people trained), EE-3 (financial resources accessed) and EE-4 (micro credit connection for new water connection).

- **HR-4:** In this Quarter, a total of **2,601 people** participated in IUWASH training activities including training courses, ToT, workshops, FGDs, and advocacy events. There was **33.42% participation by women** in these activities. The total budget spent in support of these activities was **Rp. 584,239,243 (\$64,915.47)**. This Quarter's achievement brings the total number of people trained to **4.177 people**, representing **8.35%** of the total target over the life of the program;
- **EE-3:** The achievement on financial resources accessed by service providers from public and private sources for expansion of improved water and sanitation services totaled **\$9,221,505**. This figure represents **3.28%** of the total target over the life of the program;
- **EE-4:** In the Quarter, **775 connections** of new water connection have been made through micro credit program in new access to safe water supply system. This achievement represents **1.94%** toward the total target over the life of the program.

Details of progress made concerning other IUWASH outcomes are provided in Annex 4.

Section 2

HIGH LEVEL RESULTS & COMPONENT LEVEL PROGRESS

INTRODUCTION

In this Section, we present a detailed account of the project's overall progress towards the achievement of the project's High Level Results. Additional detail on the progress, issues encountered and plans within each outcome areas are provided for the project's three Components as well as the Grant Program, which complements work in all other areas. As developed in Section 1, IUWASH recognizes that all of the Components and the Grant Program are mutually reinforcing. Their outcomes are inextricably linked and success under one Component cannot be achieved if there is not commensurate success in the other two. As such, we have attempted to highlight important linkages between the work under the Components and specific areas of collaboration. This Section is divided into the following Sub-Sections:

Section 2.1. High Level Results

Section 2.2. Component 1: Mobilizing demand for service delivery

Section 2.3. Component 2: Improving and expanding capacity for service delivery

Section 2.4. Component 3: Strengthening the enabling environment

Section 2.5. Grant Program

Section 2.1

HIGH LEVEL RESULTS

Results that directly and significantly contribute to the achievement of the MDGs in water supply and sanitation are at the heart of IUWASH. Represented in the form of “High Level Results” which are shown in the table below and further detailed in the Project’s Performance Monitoring Plan (PMP), the first two results directly contribute to the number of people that benefit from improved access to water supply and sanitation; while the third result directly contributes to decreasing costs of water for the poor, which in turn influences people’s access to water supply. The final result relates to the number of people trained on issues related to increasing access to clean water and sanitation. These results are achieved through realizing the outcomes of the IUWASH technical components of the project.

| IUWASH High Level Results | Indicator | Target |
|---|---|-----------|
| HR.1: People gain access to improve water supply and sanitation services as result of US Government assistance | Number of people in urban areas gain access to improved water supply as a result of US Government assistance | 2,000,000 |
| HR.2: People gain access to improved sanitation services as a result of US Government assistance | Number of people in urban areas gain access to improved sanitation facilities as a result of US Government assistance | 200,000 |
| HR.3: Per unit water cost paid by poor in targeted communities decreases by at least 20% through more participatory, transparent, and financially enabled services | Percent increased of per unit water cost paid by the poor in targeted communities decreases by at least 20% through more participatory, transparent, accountable and financially enabled services | 20 |
| HR.4: Participants trained | Number of people trained in IUWASH training type of activities | 50,000 |

During this Quarter, IUWASH activities focused in the implementation of assessment activities and baseline surveys to support high level results. The purpose of these key activities was to further develop a foundation for achieving high level results. The activities were implemented directly by IUWASH team as well as through grant program and Purchase Order schemes. In this Quarter, significant progress was made in establishing the baseline for PDAM water connection (HR-1). In all regions, the IUWASH team collected data of existing PDAM connections before providing technical support to the twenty nine PDAMs that received assistance from IUWASH this year. For HR-2 and HR-3, a set of tools for obtaining baseline data was developed to support improved sanitation facilities and community-based water supply.

IUWASH achievement of HR-4 during this Quarter included a total of **2,601 people benefited from IUWASH training-related activities**, with **33.42% participation by women** and total funds of **US\$64,915.47** expended.

Section 2.2

COMPONENT I: MOBILIZING DEMAND FOR SERVICE DELIVERY

Creating demand for better services for clean water provision and improved sanitation is a major focus of the IUWASH approach to increasing access in the project's target areas. This is addressed specifically by Component I which leads such efforts, but in doing so, also maintains with close linkages to service delivery capacity improvement activities (under Component 2) and those related to the creation of a stronger enabling environment (under Component 3). After laying the foundation for Component I in previous quarters, and during which IUWASH identified key issues related to demand creation, the component team work during the Quarter to confirm understandings of issues related to tasks to undertake during the following quarters of PY2. Based on this, the team: created initial concepts for task implementation; collected further lessons learned; observed field experiences from implemented activities; and also supported other components in their tasks related to sector advocacy. During this quarter in sanitation activities, Component I also shifted attention from being uniquely focused on sludge management to also assisting in sewer connection campaigns in target areas where support needs abound (in particular, in Medan and Surakarta where a potential exists to expand connections by a combined total of 17,250 thru 2014).

Over the past quarter, the main achievements under Component I included the following:

- Implemented the Stakeholder Consultation activity which consisted of 20 focus group discussions and 19 in-depth interviews in Medan and Semarang. A draft report was developed by a WASH Research Specialist and is available, along with recommendation for communications messages and approaches in regards to behavior change strategy and issues to consider for programmatic action.
- Produced promotion training materials drafts to support Micro Credit for Water Connections and which will be used for pilot trainings at two PDAMs (Serang/Banten and Mojokerto/East Java). These locations will receive complete training and advocacy support. A SOW for this training was developed, and an initial training was conducted for IUWASH West Java/Banten/DKI Jakarta I in early March 2012; with East Java to follow in early April.
- Participated in the Ministry of Health's STBM modules development program and in the CLTS Field Facilitators National Training. Continued participation to support formulation of modules and other necessary material by the MoH. Also supported STBM Socialization Workshops at regional levels and further implemented CLTS Field Facilitator trainings, targeting ODF pilot areas.
- Drafted a concept for a more in-depth approach to STBM Program and which will be applied in Jenepono as a pilot area.
- Supported events as follows:
 - USAID Mission Director visit to Jayapura to review community based communal septic tank programs;
 - South Sulawesi / East Indonesia Regional Launch in Makassar;
 - US Ambassador visit to Kudus, Central Java for Micro Credit for Water Connection Celebration.
 - Sinar Harapan talkshow for World Water Day Commemoration.

The above events resulted into 23 news publications in local and national media. Identified Communications Specialist / Water candidate and presented their credentials to USAID for approval.

- Began assessment of PDAM public communications activities and capacity as part of the initial process to lay the foundation for work under MD 3 – civil society that reports on PDAM operations and performance. Work began in the 4th week of February, and will continue thru May 2012.
- Met with Bappenas officials (Nugroho Utomo, Direktur Perumahan dan Permukiman; Eko Wijianto, Kasubdit Air Minum; and Maraita, Kepala Sekretariat Pokja AMPL/Bapennas Staff) to discuss “Sanitation for the Poor Toolkit” development and arrive at a common understanding on toolkit positioning within the existing array of sanitation promotion materials (available from government, donors and NGOs). Agreed on initial actions prior to implementation to ensure strong ownership amongst related ministries, as well as a timeline for development.
- Assisted in the development of community based sanitation improvement and STBM grants concept for North Sumatra, Central Java and South Sulawesi.
- Met with High 5 and Plan International teams to review their STBM approaches and gain knowledge in their experiences and plans implement STBM Program and CLTS in urban environments.

The following provides detail on MD activities as they relate to targeted outcomes and tasks:

I. Outcome MD-I: Households contribution to sanitation improvements

The implementation of a Stakeholder Consultation process provided additional insights into issues encountered when implementing water, sanitation and hygiene improvement activities in an urban context. In addition to serving in confirming what had been gathered from earlier desk studies, some noteworthy observation of stakeholder perception are as follows:

- In the list of household expense priorities, sanitation is ranked lower than children’s school allowances and contributions to social activities such as wedding gifts and funerals.
- Many believe that desludging service is needed only in extreme situations: such as flood, or when septic tanks are overflowing.
- Even though they want a toilet, many view that it will be expensive and that it requires a full commitment to construction a seated toilet with proper plumbing.
- Many expect that for installing a toilet they should receive a government subsidy and/or assistance.
- There is a very low understanding of the importance of wastewater treatment or how it works.
- Communities tend to react in common to big news events that may be initially presented in media, but later become the “talk of the town”. Specific media are not highlighted as more important than others; rather “word of mouth” becomes the strongest reference. If related to sanitation, they do see the importance of improving conditions, but fail to talk about it as a community. Government officers or people from companies and organization with logos are seen as very credible sources of information.
- Selling sanitation improvements as a positive “Life style” change (as opposed to solely relying on convincing people of the health benefits) is a potential platform to communicate to target audience.

Communications strategy will be developed aiming of end of May delivery date, where the development process will involve participation of all Component I team.

STBM Support for increasing local capacity in CLTS facilitation to reduce open defecation behavior.

The STBM Program is currently being promoted in all regions, in specific cities, and implementation of communal waste water system is also being promoted as one option to apply domestic waste water treatment at community level.

The activities focus is implementation of STBM Program Promotion to support local government agenda, complemented by CLTS capacity building to targeted audience thus implemented triggering program in which focuses in reducing OD in targeted areas. A continuation from previous quarter' work. The BCC/CD Specialist provided guidelines and direct implementation support to all BCC regional teams to ensure more standardized approaches and improve result. And after several implementations, IUWASH captured notes of improvements to be further applied, that include regional/local CLTS Training Facilitators capacity, available local government budget allocation to support program implementation is yet adequate. IUWASH also met with High 5 and Plan International to review their approaches, experiences and recommendations for work under STBM pillars one. Where strong entry point to gain leader commitment and asses local government capacity (fund allocation, local and regional human resources capacity and knowledge up date) is a must thus clear actions to support the local agenda by IUWASH. In which a thorough activities can be implemented thus increased population access for improved facilities. The findings from Stakeholder Consultation will be used for message development to address behavior change at community level.

Following is the concept chart on STBM Program implementation, which will focus on: (1) community triggering for open defecation free, (2) hand washing with soap and (3) point use of water. This process will be implementing for 6-8 months period. A trial will be conducted in Jeneponto, South Sulawesi at the beginning of next quarter.

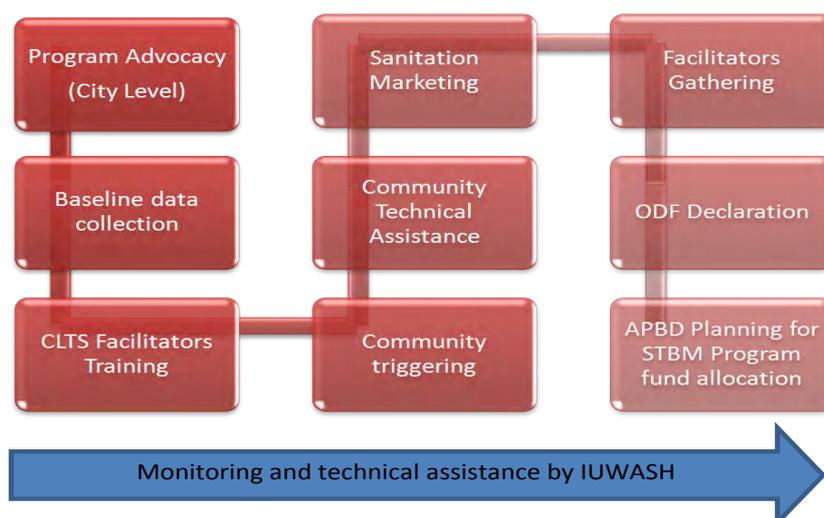


Figure 2: concept chart on STBM Program implementation.

The process above will require integrated support from other components, especially Component 3 to ensure sufficient support from local government to achieve program target.

The other pillar of STBM, hygiene behavior, is yet addressed, however at the moment IUWASH is in process of adapting existing communications materials on hand washing with soap and point use of water treatment to respond to current behavior and perception: *soap*

is the critical aspect in hand washing and that boiling time is an issue rather than options of obtaining safe drinking water. Baseline of these specific behaviors is being developed by M&E Advisor prior to application.

Involvement in STBM activities at national level is maintained by providing continuous input in modules development, training participation, stories from the field submission to secretariat, and any information submission as requested by STBM Secretariat.

A partnership with other program also implemented to support government program in increasing coverage for sanitation services, detail activities as described in **Annex I (Data Sanitation Activity Support)**.

Sewer Connection Campaign

IUWASH identified that PDAM Tirtanadi (Medan) and PDAM Kota Surakarta (Surakarta) face important challenges in creating connection for waste waters treatment services in long term and integrated manner. This also includes post connection service, where customers conveyed dissatisfaction with services obtained from the utilities thus un-paid service bill and interest of not obtaining the service. While the number of new connection targets is not yet achieved in these areas, this issue could present an important obstacle to others wanting to connect in the future and must be addressed; thus the importance of service improvement support and policy advocacy targeting local government and other influential stakeholders.

Thru initial discussions and evaluations of current connection campaigns in Medan and Surakarta, there are likewise issues which require improved capacity of promotion teams so they will able to better define messages, develop materials, engage journalists, and coordinate campaigns. This is needed due to the ambitious and longer-term set targets for each PDAM through the 2014, and for which the total is 17,250 new connections to establish (PDAM Tirtanadi: 13,250 and PDAM Kota Surakarta: 4000). Partnership with other concerned programs (i.e. ADB, AusAID/INDII, Bappeda, Dinas Kesehatan, Pokja AMPL and others) are also being developed to reinforce the process of capacity development.

To respond to identified needs, IUWASH will provide series of capacity building activities on communications strategy development. In specific, based on consultation with both utilities, they will receive following:

| PDAM Tirtanadi | PDAM Surakarta |
|---|---|
| Timeline: Apr 2012-Mar 2013 Connection target (2009-1014): 13,250 | June 2012-May 2013 Connection target (2011-2014): 4,000 |
| <ul style="list-style-type: none"> a. Media Research b. Budgeting, Behavior Analysis and General Behavior Change Strategy c. Media Planning d. Community Facilitation skill e. Media Relations including packaging issue f. Communications material development | All steps to develop communications strategy and implementation |

It is planned that IUWASH will engage through a fixed price contract a partner to support this work in Medan with PDAM Tirtanadi; and in Surakarta it is expected that support will be provided through a grant. The SOWs for obtaining the services have been developed and contracts/grants are expected to be processed during April. At the moment, IUWASH has also identified PD PAL DKI Jakarta as a potential organization to support for service

connection marketing and it will be included in the grant package for marketing capacity building support with PDAM Surakarta.

2. Outcome MD-2: Safe drinking water & adequate sanitation programs by civil society groups and/or government cadres

Adequate Sanitation Programs

IUWASH is in the process of supporting local government sanitation development agenda to provide improvement in population access, of which Community Based Sanitation System is one type system applied. Project support ranges from: optimization of community use toward existing infrastructure; to sewerage connection campaigns; to O&M capacity building for local community groups; to the development of Detailed Engineering Designs (DED); to other areas. IUWASH also seeks partnership with other donors to complement the proposed support for the local government. The Component is working closely with Component 2 for the implementation of related tasks.

Several initiatives (**as seen in sanitation activities data in Annex I**) at the regional level have been executed in accordance to government priorities and requests and in consultation with other stakeholders to ensure broad support. IUWASH has met with the ADB/Urban Sanitation and Rural Infrastructure Support (USRI) Program officer where we identified locations where we can complement each others work and achieve a more pronounced result. In Makassar, at the request of Dinas Pekerjaan Umum Kota Makassar and in agreement with the ADB/MSMHP Program, IUWASH will continue to assist in building the capacity of the UPTD Sanitasi (Mobil Unit) to support implementation of the USRI assisted program which has resources to construct 80 IPAL and communal latrines, but lacks resources for critical ‘software’ activities. A capacity building training module package will be developed based on existing MSMHP modules. Topics will include: connection promotion; facility O&M; and other identified topics needed to equip the mobile unit with adequate knowledge to perform the tasks expected. Different methods of support will be assessed at other USRI locations where IUWASH also providing assistance, ie. Kota Surakarta, Kota Semarang, Kota Surabaya and Kota Probolinggo.

Grant schemes also continue to be developed to further mobilize local partners to implement sanitation initiatives—as concerns both hardware and software aspects. At the moment, most region offices are in the process of procuring such services through RFA issuance and evaluation, with an expectation that implementation may begin next quarter.

Safe drinking water program

This task is implemented in partnership with Components 2 and 3 that cover ‘master meter’ and microfinance for water connections. Under this task, one grant in East Java (Sidoarjo) is being organized for implementation and at the same time evaluation on master meter program is also ongoing, with leadership from the Component 2 team. Further elaborated progress on this subject can be seen in section 2.3 under sub-section IC-7.

On microfinance for water connections, enhanced promotional/communications training is a major focus and responds to the cooperation agreements that have been established between PDAM and partner financial institutions. Improved capacity in this area is expected to greatly improve the ability of local partners to independently organize and implement related programs and ultimately improve their ability to have more households connected to piped systems. IUWASH will invest in knowledge and skills improvement on micro credit for water connection related topics. This will include marketing, promotion and media relations. IUWASH is proceeding to engage external support (STTA) for training to build PDAM promotional team capacity. This will also involve support during the initial implementation

phase of campaigns to both assist local partners and also provide input to the process of improving IUWASH training content and technical assistance activities. There will also be media advocacy support provided to enhance local leaders (PEMDA and bank partner) commitment for program implementation.

IUWASH selected PDAM Serang and PDAM Mojokerto to serve as pilot locations for this enhanced training program. This will follow an earlier, brief “How To” training conducted for the IUWASH West Java/DKI Jakarta/Banten team. Other PDAMs (Kudus, Karawang, Serang, Siodarjo, Langkat, Kendal) will also receive promotion materials along with user guidelines to support the implementation. Similar introduction will be provided for East Java Regional office in Quarter 5, prior execution in PDAM Mojokerto.

Details of the activity package to implement at the pilot locations is as follows:

| No | Activity | Audience | Implementer |
|----|--|---|--|
| 1 | Introduction of micro credit promotion strategy | regional IUWASH team | IUWASH |
| 2 | Introduction of micro credit promotion strategy | PDAM staff, Bank Staff | IUWASH |
| 3 | Micro credit promotion training | PDAM staff | IUWASH |
| 4 | Micro credit promotion training | Community Coordinator | Promotion team and IUWASH |
| 5 | Implementation of community engagement for PDAM water connection thru micro credit | PDAM staff, community coordinator | Promotion team and IUWASH |
| 6 | Promotion implementation | targeted community | Promotion team, community coordinator |
| 7 | Media relations to support advocacy | local media, local stakeholders | Promotion team, IUWASH, and implementing partner |
| 8 | Pre and Post intervention survey (after 6 months) | Costumer at specific site before and after program exposure | IUWASH |

Also in support of the above, IUWASH produced supporting designs and promotional material; and which allow each PDAM/Bank to reproduce and even customize the design to suit local needs. The materials are leaflet, long banner, standing banner, and poster. These will be included along with promotion implementation guidelines. A baseline survey on water cost was also developed and is ready to use by regional teams to collect data at pre- and post-intervention stages. **(Annex 2 Kuesioner Biaya Air untuk Program Peningkatan Akses Air Bersih Masyarakat).**

3. Outcome MD-3: Civil society groups that report on PDAM operations or performance

The active participation of civil society in monitoring and reporting on the quality of service provision is fundamental to the achievement of sustainable improvements in water supply services. In this context, CSO “reporting” on PDAM activities is defined as regular information exchange between PDAMs, local governments and the public, as well as synergies with



the other programs seeking a similar level of heightened involvement (such as with the Pacific Institute’s “Water SMS” program). IUWASH therefore encourages mechanisms (existing or new) that can facilitate dialogue between consumers and service providers/ local government officials. This includes regular local water forums that bring together communities, CSOs, elected officials, and service providers to exchange ideas and concerns, and ultimately serve as a catalyst for change.

At the beginning of the quarter, IUWASH commenced the process of creating basis for MD3 task implementation aiming mid work plan year implementation across regions. The practices to improved involvement of civil society in support for PDAM performance improvements are exist at some places, but yet available at most PDAMs in Indonesia. Below table is description on the steps toward understanding of current practices and understanding of the task by the Consultant:

Table I

| Steps | Activity | Output | Result |
|-------|--|--------------------------------|---|
| I | Obtain understanding on existing mechanism PDAMs already applying, other donors/experts, Perpamsi, Ministry of Public Works, others. | Report | Study Result to direct task implementation: a. next steps b. approach |
| II | Compile various mechanism/system exist: Forum Pelanggan, alternative systems/groups. Aspect to check: a. evaluate tools/team/cost b. funding options c. independence d. usefulness | Report and Mechanism Catalogue | c. risks d. opportunity e. working mechanism |
| III | Introduction of activity targeting: a. IUWASH team b. Selected PDAMS : mechanism, capacity, forum pelanggan, etc | | |

IUWASH engaged STTA to assist in improving understanding as concerns current PDAM operational procedures and capacity related to “transparency and accountability“ in order to better define expectations of “participation” that comply with related GOI regulations. This may include understanding regulations and existing practices for financial management and technical operations, among others. The consultant is now in the process of collecting data – thru desk study and interviews with PDAM (those considered as well performing and not well performing), as well as BPSPAM, Perpamsi, Forum Pelanggan and other relevant stakeholders. The consultant is also scheduled to implement small group discussions to understand customer expectation toward this task. The assessment will be implemented from March to May 2012 at all regions, with group discussions in West Java/DKI Jakarta/Banten and South Sulawesi. Some initial sample comments during interviews are as follows:

Interview with Neiri, PR Officer - PDAM Tirta Pakuan, Kota Bogor:

“...PDAM have been applying CIS (Customer Information System) where customer complaints can be recorded, forwarded to the relevant section and monitored follow-up computed”

Interview with Karunia Rahayu, Complaint Division Coordinator, Yayasan Lembaga Konsumen Indonesia (YLKI)

"...During complaint period, YLKI received many responses from customers that can serve as input to PDAMs. YLKI then monitors the follow-ups from the operators in this matter".

Interview with Sukarlan, Chairman Komite Pelanggan Air Minum (KPAM) Jakarta

"... Not like it used to be. The KPAM meeting with the customers is not widely attended by customers. If any, usually it is attended by regular customers who always attend this meeting, or customers who expect participants transport allowance only. "

4. Outcome MD-4: Sanitation for the poor toolkit

As of this quarter, IUWASH is still in process to building support from GOI counterpart and agree on the best path forward in the development of a *Sanitation for the Poor Toolkit*. There are many toolkits available, including those of the Ministry of Public Works, Ministry of Health and Bappenas. However, none are comprehensive nor necessarily easy to put into practice in nature. The Component team met with Bappenas officials to gain insights and direction to how the IUWASH toolkit can best contribute to sector needs, while remaining complementary to and supportive of the existing sphere of GOI documents and programs. Much valuable advice and input was gained from the exchange—including the decision to involve concerned national stakeholders through the POKJA AMPL.

An initial draft of the terms of reference for developing the *Sanitation for the Poor Toolkit* was developed and will be fully vetted with related Ministries and the POKJA AMPL Head of Secretariat, prior to convening all stakeholders for formal introduction of the toolkit development process.

5. Outcome MD-5: Household adoption of improved hygiene practices

Hygiene behavior in this project will link with STBM Program and involves handwashing with soap and household water treatment. These two behaviors are promoted as a complement to any water/sanitation improvement intervention at the community level. The concept of promotion is being accessed thru stakeholder consultation by identifying, one of them, the hindering factor for adopting hand washing with soap behavior and specific behavior to promote in regards to the household water treatment. Overall approached recommended to be *life style* oriented, especially with urban community where they are more conscious on life style trends.

Some findings in the stakeholder's consultation are;

Hand washing with soap

- The participants are aware of the importance of HWWS importance, but feel there is no critical need to use soap to wash hands until they see and feel dirt on their hands.
- Two out of the five critical times to wash hands generally widely recognized, especially amongst mothers.

Household water treatment

- Boiling is the common behavior for community to get drinking water for the families
- The use of re-fill water bottles for drinking water in the house is common across groups mostly because they think it as safe, practical, and they have no access to piped water service from PDAMs.
- They immediately turn off the stove after the water is boiling and store the drinking water in close lid containers. Even though a longer duration of boiling is generally called for.

Development of hygiene material promotion is in progress and messages will be developed that are well aligned with consultation findings. Some adjustments are already foreseen as concerns existing handwashing with soap training modules targeted to field facilitators.

Although work under this task is still being developed, hygiene promotion is regularly integrated into all IUWASH community based programming activities (including grant programs).

Section 2.3

COMPONENT 2: IMPROVING & EXPANDING CAPACITY FOR SERVICE DELIVERY

The activities implemented under Component Two facilitate the sustainable expansion of piped water supply and sanitation services to effectively meet the increased demand identified and mobilized under Component 1 and incorporating improved governance and finance environments developed under Component 3. To achieve these goals, IUWASH provides technical assistance to water utilities, local governments, private sector and other parties addressing technical, financial and institutional aspects of improving and expanding water and sanitation services. Component Two national and regional teams support local stakeholders in identifying priority areas, develop clear action plans and work with them at all levels to ensure plans are effectively implemented, including mobilization of commitment for further expansion of innovative models.

Between January and March 2012, programs under Component 2 started picking up, especially those supporting PDAMs and urban sanitation. IUWASH specialists are providing technical assistance to PDAMs and urban sanitation programs in each region and to the national PDAM. The role of the Urban Sanitation Coordinators is to provide back-up support, arrange national-level programs and act as liaisons between the regional program, national government, and donor agencies. During this reporting period, collaboration deepened with Ministries of Planning and Public Works, BPPSPAM, PERPAMSI, Coca Cola Foundation and large donor agencies like ADB, WSP, GiZ, USAID Watsan partners and others.

During this Quarter, the following is a summary of the main activities under Component 2:

1. Prepared the first Non-Revenue Water Assessment for DKI Jakarta and four PDAMs in Central Java;
2. Began implementation of the Master Meter Evaluation, Energy Efficiency Audit (five PDAMs) and improved billing & accounting systems (four PDAMs);
3. Signed MoU with JKM (local NGO), Coca Cola Foundation and IUWASH to construct 800 infiltration ponds to increase infiltration of Sibolangit Spring, Medan;
4. Signed MoU with BPPSPAM, advisory agency of the Ministry of Public Works, and conducted PPP workshop jointly with BPPSPAM on alternative financing for PDAMs;
5. Conducted training for twenty five IUWASH staff on facilitating city sanitation working groups to develop City Sanitation Strategies and Action Plans for eleven IUWASH locations;
6. Agreed with WSP (Water and Sanitation Program of World Bank) and Ministry of Public Works/Waste Water section on joint program for improved septage management;
7. Incorporated critical role for Small Medium Enterprises (SME) in the implementation of urban sanitation programs in two cities in East Java, Jakarta and Medan;
8. Completed concept proposal with PAKLIM, the GiZ Climate Change program, on raw water security and climate change for ICCTF (Indonesian Climate Change Trust Fund).

In addition to the above list, the baseline of the PDAM Performance Index was completed for almost all PDAMs participating in the IUWASH program.

Key activities conducted during this Quarter are further described in the sections below, organized by Outcomes.

I. Outcome IC-1: PDAMs with improved technical, financial and management performance

IUWASH programs on improving and expanding water supply coverage through PDAMs start with assessing the technical, financial and management performance of the respective PDAM, obtaining full support of the PDAM management and PEMDAs and then together prioritizing the technical assistance programs to increase professional management, service excellence and safeguard raw water sources for current and future use. Both parties have to agree that the support package does not only cover short term measures, which coincide with the duration of employment of PDAM directors and/or mayor, but that the support programs use their commitment to install long term improvement. Non-revenue water reduction, water security, climate change adaptation, transparent billing and accounting systems and debt restructuring are some examples which are highly needed now and if implemented properly will have long term benefit for the improved performance of a PDAM.

During this quarter, the IUWASH team completed almost all data collection, analysis and verification required to provide the baseline of the PDAM Performance Index, which is used by IUWASH to measure PDAM performance improvement as a result of IUWASH interventions. The PDAM Performance Index is measured for each PDAM at start of IUWASH support and then semi-annually to determine progress. Baseline results have been discussed directly with PDAM management and the most important parameters will be included in the visioning workshops with the respective mayors, which is explained in more detail under Component 3 (under Outcome EE-1). The results of the PDAM Performance index are shown later in this report in the PMP section.

During this quarter, the IUWASH team continued regular meetings with PamJaya, the Ministry of Public Works and two operators (Aetra and Palyja) to evaluate the main reasons for high non-revenue water values for Jakarta (45-50%). Because of the complications in dealing with the private operators, IUWASH developed a clear ToR and MoU to clarify expectation for all parties. The final versions were approved on March 13th and as soon as all documents are formally signed, IUWASH will provide expert TA to conduct the evaluation over period of five months. The SoW for NRW reduction program for four PDAMs in Central Java was also prepared and sent to USAID for approval.

The PDAM Energy Efficiency Audit for five PDAMs, implemented by ITS, started in March. The National PDAM Energy Efficiency Seminar hosted by GOI, IUWASH, ADB and PERPAMSI will be held on April 11, 2012, during which time the MoU between IUWASH and PERPAMSI will be signed. Topics examine during this seminar will be technical, financial and regulatory which should lead to larger investments by PDAMs and/or private parties to replace inefficient pumping systems utilizing the Business to Business (B2B) model. An MoU between IUWASH and BPPSPAM was signed on March 8th, focusing on encouraging greater participation of private sector to finance PDAM programs and enhancing PDAM good governance programs.

Technical assistance for four PDAMs in North Sumatra began in February introducing improved PDAM accounting and customer billing systems. An interim report has already been discussed with all parties. During a comparative study of two PDAMs in West Java, PDAM Kab. Bandung demonstrated an advanced on-line billing and accounting system, which enables PDAM management to oversee all financial transactions in all PDAM branch offices

in real time. PDAM Kab. Bandung is willing to share the software and provide the necessary training to other interested PDAMs through IUWASH and PERPAMSI.

Finally, IUWASH technical teams commenced supporting eight PDAMs in North Sumatra, West-and East Java and South Sulawesi to optimize their distribution network through on-the-job technical and GIS training conducted by IUWASH national and regional specialists.

In the next quarter, the NRW, energy efficiency, billing & accounting, distribution network optimization programs will continue as well as the previously started customer satisfaction surveys, PDAM corporate planning, technical feasibility studies for service expansion and other support programs. The Energy Efficiency Seminar will be held in Jakarta on April 11th.

2. Outcome IC-2: PDAMs assisted in restructuring their outstanding debts

Outstanding debt continues to be a critical obstacle to many PDAMs to rapidly improve and expand service improvement. IUWASH has been requested by many PDAMs as well as Ministry of Finance to support ongoing initiatives of PDAM debt restructuring, both for new debt restructuring plans and monitoring performance of PDAMs previously accepted within the debt restructuring program.

During the reporting period, IUWASH continued to assist four water utilities in the preparation of their business plans for debt restructuring. As shown in Table 2 below, the progress of the fourteen other PDAMs in the implementation of their respective business plans also continued to be monitored by IUWASH, with the next round of data collection anticipated for May 2012. Notably, the results from the first round of monitoring indicated that many utilities continue to struggle to meet the non-revenue water reduction targets stated in the business plans. This, in turn, undermines their ability to generate revenue and achieve their broader financial objectives.

Table 2

| | Location | Status | Progress |
|----|-----------------------|---------------------------------|---|
| | Kota Medan | Business Plan submitted to MOF | Prepared by BPKP and submitted to the Ministry of Finance for approval |
| 1 | Kab. Tanjung Balai | Monitoring | First monitoring completed by IUWASH and MoF (Dec'11). Second monitoring will be done in May 2012 |
| 2 | Kota Tebing Tinggi | Monitoring | |
| 3 | Kota Pematang Siantar | Monitoring | |
| 4 | Kota Sibolga | Monitoring | Requested by MoF for monitoring by IUWASH. The first monitoring to be conducted in May 2012. |
| 5 | Kab Karawang | Monitoring | Monitoring data collected (Dec '11). Second monitoring will be done in May 2012. |
| 6 | Kab Tangerang | Monitoring | |
| 7 | Kota Semarang | Monitoring | First monitoring done by IUWASH and MoF (Dec'11). Second monitoring will be done in May 2012 |
| 8 | Kab. Semarang | Monitoring | |
| 9 | Kota Surakarta | Monitoring | Monitoring data collected in December 2011. |
| 10 | Kab Grobongan | Monitoring | |
| 11 | Kab Lamongan | Business Plan under preparation | Revision to Business Plan for Debt Restructuring is presently being prepared. Submission to MOF is planned in April 2012. |
| 12 | Kab Gresik | Monitoring | First monitoring done by IUWASH and MoF (Dec'11). Second monitoring will be done in May 2012 |
| 13 | Kab Mojokerto | Monitoring | |
| 14 | Kota Makassar | Monitoring | Monitoring data collected (Dec '11). Second monitoring will be done in May 2012 |
| 15 | Kab Jayapura | Monitoring | |
| 16 | Kab Pare Pare | Business Plan under preparation | Financial projects are currently being prepared for each PDAM's Business Plan. Maros is expected to be submitted in April 2012. |
| 17 | Kab Enrekang | Business Plan under preparation | |
| 18 | Kab. Maros | Business Plan under preparation | |

In the coming quarter, IUWASH anticipates the submission of the business plan for Kabupaten Maros, as well as the next round of data collection and analysis in support of the regular monitoring efforts.

3. Outcome IC-3: PDAMs with improved credit worthiness

Recognizing that improved creditworthiness of PDAMs opens doors to sources of much needed funding for system improvement and expansion, IUWASH works with local governments and PDAMs to better assess their current conditions, address areas of weakness and gradually move towards financially “healthy” status that makes them worthy of increased investment.

During the first Program Year IUWASH developed the Creditworthiness Ladder (CWL), a tool to guide both the achievement and monitoring of Outcome IC-3 by identifying weaknesses in a utility’s credit profile and evaluating efforts to shore up those weaknesses. Over the reporting period, IUWASH tested this tool in one utility in Central Java. The results of the test are shown below (Table 3) in the Creditworthiness Profile generated by the CWL tool. Based on a range of 1 (as the lowest score) to 5 (the highest score), the utility received a score of “2 (plus)”. In terms of the key detracting factors, the utility rated very low in its debt management, including its credit history, debt service coverage ratio, and debt service reserve fund. This was largely due to current outstanding arrears to the central government, a weakness that would block its ability to access nearly any form of debt financing, whether public or private.

Table 3: Sample Creditworthiness profile.

| Component | Category | Indicator | Level | | | | |
|---------------|--------------------------------|--------------------------------------|-------|---|---|---|---|
| | | | 1 | 2 | 3 | 4 | 5 |
| Finance Risk | Debt Management | Credit History | X | | | | |
| | | Debt Service Coverage Ratio | X | | | | |
| | | Debt to Assets Ratio | X | | | | |
| | | Debt Reserve Fund | | X | | | |
| | Rate Structure & Profitability | Tariff Cost Recovery Ratio | | | X | | |
| | | Affordability | | | | | X |
| | | Net Profit Margin | | | X | | |
| | Cash Flow | Net Profit Trend | | | X | | |
| | | Current Ratio | X | | | | |
| | | Operating Reserves | | X | | | |
| Business Risk | Customer Base | No. of Active Connections | | | X | | |
| | | Net Growth | | | X | | |
| | | Diversity of Customer Base | | | | | X |
| | | Overall Coverage of Service Area | | | | X | |
| | Raw Water Sources | Raw Water Protection | | X | | | |
| | | Raw Water Stability | | | X | | |
| | | Water Resource Planning | | | | X | |
| | Technical Operations | Production Capacity vs. Demand | | | | X | |
| | | Non-Revenue Water | X | | | | |
| | | Service Continuity | | | | X | |
| | | Collection Period | | | X | | |
| | Governance and Policies | Selection of Directors | | | X | | |
| | | Annual Management Performance Report | | | | X | |
| | | Tariff Adjustment | | X | | | |
| | Management and HR | Local Government Investment Support | | | X | | |
| | | Corporate Planning and Budgeting; | | X | | | |
| | | Standard Operating Procedures; | | | | X | |
| | Staff Capacity | | | X | | | |

Looking ahead to the next quarter, IUWASH will first seek to obtain inputs from the credit rating firm Pefindo concerning the results of the pilot test, including any critiques or suggestions that they may have regarding ways to improve the CWL as an analytical tool. Following these inputs, the Project will then implement the CWL with all IUWASH PDAMs as a means of establishing their respective baseline creditworthiness.

4. Outcome IC-4: Local government implementing climate change adaptation measures, based on raw water sources vulnerability assessment

Over the last 20 years the demand for fresh water has been growing steadily, while at the same time discharge of raw water sources are decreasing. In many locations, especially on Java island this has already giving rise to conflicts between local stakeholders and the inability of PDAMs to increase piped water coverage to the growing urban population. These changes are at moment still mainly caused by human actions, like changes in land use, deforestation and unplanned construction in catchment areas, but also changes in rainfall patterns have increased flooding and longer dry seasons. As a result of climate change, rainfall patterns and seasonality will continue to change, resulting in longer dry seasons and more intense rainfall during the shorter rainy seasons. This will cause increased surface runoff in upstream catchment areas during the rainy season, resulting in less rainwater stored in aquifers, and increase floods and landslides, damaging infrastructure and threatening lives. The longer dry season, with less water stored in subsurface aquifers will increase pressure on already limited resources

From the cities within the current IUWASH program, 12 locations were identified in need of water security assessment. An earlier concept note outlining IUWASH' approach to Climate Change adaptation, was further developed as a Water Security / Climate Change adaptation framework (draft), identifying four main steps, indicated below (Table 4). The STTA on Water Security / Climate Change Adaptation joined the team for second mission in March to further refine the framework and the subsequent water security risk matrix, which will be used to identify the threats to PDAM water sources and infrastructure due to:

- reduced rainwater infiltration in the (shorter) rainy season,
- less availability of water during the (longer) dry seasons,
- salt water intrusion (coastal area),
- damage to PDAM infrastructure caused by increased floods and landslides.

A SoW was developed for hydro(geo)logical and climate change data collection by third parties (universities), to be started from April 2012 in East- and Central Java.

Table 4: Steps of Water Security and Climate Change Adaptation Framework (draft).

| Phases | Steps |
|--|--|
| 1: Stock-Taking of Current Situation | <ul style="list-style-type: none"> a. Stakeholder kick-off meeting b. Description of current system and water resources, incl basic data collection. c. Develop objectives of the PDAM and Local Government d. Develop existing supply and demand analysis (as "baseline S&D scenario") e. Identify known/existing hazards (vulnerabilities) faced by the utility through compilation of baseline PDAM Risk Matrix. |
| 2: Climate Change Risk Evaluation | <ul style="list-style-type: none"> a. Review relevant national, regional, and local research relating to localized CC impacts. b. Focus Group Discussions with key stakeholders. c. Develop 1-2 climate-change informed Supply/Demand scenarios. d. Develop 1-2 climate change informed PDAM Risk Indices. |
| 3: Water Resources Planning & Risk Management Response | <ul style="list-style-type: none"> a. Develop "long-list" of supply and demand-side options to improve water security; b. Conduct high-level analysis in consultation with PDAM officials using cost-benefit analysis and political acceptability to identify shortlist of options; c. Implement stakeholder forum with PDAM and LG to collectively review results and rank priority responses. |
| 4: Implementation and Monitoring | <ul style="list-style-type: none"> a. Integrate prioritized adaptation responses into PDAM planning documents; b. If necessary, identify/apply for external financing options c. Begin implementation and monitoring, emphasizing an iterative approach to regularly incorporate new knowledge and experiences. |

Also during this reporting period the water security program for the Sibolangit spring catchment was formalized through a contract between CCFI (Coca Cola Foundation Indonesia) and JKM, a local NGO in Medan, to install 800 ponds to infiltrate rainwater runoff into the spring aquifer. The contract has a value of US\$ 225,000, commenced in February 2012 and will be completed around November 2012. A subsequent MoU was signed between CCFI, JKM and IUWASH outlining the roles and responsibilities of each party in program planning, training, monitoring and supervision. During this event, CCFI indicated to USAID and IUWASH their interest in supporting a similar program for critical location in East-Java. A SoW for a similar, but much smaller demonstration program (40 infiltration ponds) for Kab Pematang Siantar, financed by IUWASH, was approved by USAID and by end of March tender procedures were commenced.

Discussions with PAKLIM, a GiZ financed program supporting Climate Change in general, continued resulting in finalizing a concept proposal for a comprehensive Raw water/ Climate Change intervention in 2 regions in Central and East-Java (proposed value of US\$ 1,500,000), to be submitted to the Indonesian Climate Change Trust Fund (ICCTF). Discussions are still ongoing with GOI on the most suitable executing and implementing agencies for this program.

In the next quarter, the local team will continue the field assessments and stakeholders training in all priority locations, conduct tender to third party for water source and climate change data collection and analysis, supervise Sibolangit program financed by CCFI, as well as identify and prepare second location for CCFI financing. IUWASH and PAKLIM will also finalize discussing regarding the Climate Change proposal for ICCTF funding with relevant GOI officials and submit the proposal, provided a call for papers is made in the next quarter.

5. Outcome IC-5: Local Governments implementing integrated sanitation and hygiene interventions

Improvement of Urban Sanitation infrastructure is a priority of the Indonesian Government by the large number of cities which have joined the PPSP (Accelerated Urban Sanitation) Program as well as the thousands of Community Based Sanitation systems to be built in the coming four years, financed by National Government and donors like ADB and AUSAID. The role of the IUWASH program both at National and Regional level is to support and strengthen these initiatives, identifying where programs require additional support to enhance sustainability and complimentary programs (especially on septage management).

In February, IUWASH, assisted by PPSP and USDP trainers, conducted a comprehensive 6 days training for 25 IUWASH specialists and field technical liaison staff, who will be directly involved in supporting 7 IUWASH cities with the development of a new city sanitation strategy and 4 IUWASH cities with a review of their existing city sanitation strategies to comply with the requirements of the PPSP program. See Table 5 for the locations. With this the inclusion of IUWASH as facilitators for the PPSP program was acceptable to GOI.

Table 5: IUWASH location receiving support on city sanitation strategies.

| No. and Province | City |
|------------------------|--|
| 2 in North Sumatra | Kota Binjai; Kota Pematang Siantar |
| 2 in West Java | Kab. Karawang; Kab. Bekasi |
| 1 in Banten | Kab. Tangerang |
| 1 in East Java | Kab. Lamongan |
| 2 in South Sulawesi | Kab. Maros; Kota Makassar; |
| 3 in Eastern Indonesia | Kota Ambon; Kota Jayapura; Kab. Jayapura |

During this quarter IUWASH developed a SoW for a first step on improving septage management systems in five IUWASH locations. The SoW was approved by USAID in early March and, by end of March, recruitment of 3 specialists was completed (and who will commence work in April for a month period. This program was also discussed during three meetings with Ministry of Public Works as well as WSP and it was agreed to implement this program as a joined program by all 3 parties. The program includes all aspects of improved septage management system, starting from collection at household level, transporting to a sludge treatment plant (IPLT), where it will be treated in the most cost effective and efficiency manner, with the dried sludge sold as fertilizer to farmers. The program includes designing of 3 types of (modular) IPLT, which will be used next year by GOI to roll out to 100 cities (including IUWASH cities), as well as preparing the required regulatory framework, payment systems and involvement of the private sector to create sustainable business models.

An IUWASH grant to Mercy Corps, approved in this reporting period, will focus on the improvement of individual septic tanks as well as collecting septage from densely populated neighborhoods. An additional grant to a local education institute to support further capacity building of the sanitation sector, with special focus on improved sewerage and sludge management is currently under discussion within IUWASH and with GOI.

Between January and March 2012, the IUWASH regional teams identified numerous opportunities to expand access to sanitation infrastructure through variety of small grants, field surveys and STBM campaigns. A SoW for Fixed Price Purchase Order for the promotion of increased of over 10,000 sewerage connection for Medan is under development and planned to start in April. A similar program for Surakarta will be implemented through an IUWASH grant. For DKI Jakarta the grant supporting PD PAL with expansion of their sewerage connection was approved. Finally PEMDA Makassar and MSMHP, an ADB financed urban sanitation program, requested support from IUWASH to strengthen the institutional framework and human resources of a new sanitation agency (UPTD), which will be responsible for a new sewerage system in Makassar as well as around 100 Community Based Sanitation systems, which will all be completed by 2014.

During the next quarter, IUWASH will continue its close collaboration with the PPSP team to support development of the urban sanitation strategies in the 11 cities. Furthermore, the National team will start with implementation of the Sludge Management program in 3 cities, and further support several small grants programs supporting expansion of Community Based Sanitation systems in all IUWASH regions.

6. Outcome IC-6: Small and medium business providing affordable construction and sanitation facility management services

The involvement of small and medium businesses (SMEs) to meet the increased demand for improved sanitation is slowly increasing within the IUWASH programs. In other donor supported programs, especially the ongoing TSSM (Total Sanitation, Sanitation Marketing Program), implemented by WSP in East-Java, it is already demonstrated that SME's have can be instrumental in the installation, operations, and maintenance of on-site household sanitation systems, with special focus on marketing for affordable individual latrines and sludge collection and disposal. However this is mainly for rural areas and the challenges faced by IUWASH is to transfer this positive momentum to an urban, densely populated environment.

During this quarter, IUWASH team continued identifying and encouraging programs to increase involvement of SME in the urban and peri urban areas. IUWASH and USAID approved the unsolicited proposal of Mercy Corps, for a innovative sanitation program in urban slums in Jakarta, which is promotion of improved individual household toilets, through local financing institute, linked a local SME responsible for the septic sludge removal. Secondly the IUWASH East-Java regional team conducted exposure visit to the TSSM program implemented by WSP in Jombang and as a result included a substantial SME involvement in the approved grant for triggering open defecation free area's along two large rivers in Sidorajo and Surabaya. The involvement of SME to provide affordable individual sanitation facilities, financed through a revolving fund setup as part of the grant, will be used as an example for other IUWASH and non-IUWASH locations.

Strengthening SME is also a crucial element of the the small grant on septage sludge collection for Belawan (Nrih Medan), where PEMDA Medan is currently providing 1,000 individual latrines and planning to provide additional 3,000 units, provided there is a good, sustainable and affordable solution to the safe collection and disposal of septage sludge. The initial tender conducted during January 2012, did not yet yield enough local institutions capable of implementing this program, which prompted IUWASH to discuss the proposed program in more detail with all local stakeholders and subsequently make changes to the SoW for the grant, which will be now be re-tendered in early April.

During the next quarter, IUWASH will commence the grant program with Mercy Corps and in Belawan, Medan and also follow-up with WSP on sharing lessons learned from the TSSM program and how these can be integrated within the urban STBM programs of IUWASH. These initiatives will be linked to development of improved sludge collection and disposal systems under Outcome IC-5 and could also become part of the development of Communal Sanitation Systems described earlier under Outcome MD-2.

7. Outcome IC-7: Poor residents reporting greater satisfaction with WATSAN services

Satisfaction is directly related to PDAM performance, especially related to the quality, quantify and continuity of the supply. The tariff is also important, but provided the supply is good and tariff still affordable, customers usually do not complain. However, when PDAM service becomes unreliable and PDAM does not provide adequate explanation for the poor service, satisfaction drops off quickly followed by increased complaints, payment problems and sometime even damage to pipes. Good PDAM services combined with transparent customer information built on effective communications and demonstrated actions by PDAMs, one of which are regular customer satisfaction surveys.

During the last quarter, several customer satisfaction surveys were completed and others started in IUWASH cities as the basis for development of PDAM Corporate Plans and exposure of the results to the mayor, as the owner of the PDAM. Weaknesses in service (lack of water, low pressure, poor water quality, high prices, etc) are highlighted in the survey results and as much as possible become the basis for PDAM improvement programs for subsequent years.

In addition to this, the evaluation of all past Master Meter programs (see table below) previously implemented by the Environmental services Program (ESP) and after that also by Mercy Corps, UNICEF/CARE and PNPM, started in February 2012. Evaluation of the large number of master meters installed in Medan is implemented by a third party and for the other locations it is done by IUWASH field staff, or in the case of Makassar and Jaypuara by

combination of IUWASH and CARE field staff. Evaluation includes interview with users and providers, because satisfaction with this program, depends as much on the consumers as it does on the PDAM. Early results show for instance, that most PDAMs are only interested to continue and expand a program like this, if the tariff paid by the households is reasonable, which usually means the lowest households tariff rather than a much lower social tariff. Final results of the evaluation will provide recommendations for future Master Meter programs, which are already planned for Medan, Sidoarjo, Surabaya and Jakarta.

Table 6

| Location | No. Master Meters | No. Households | Initiator |
|--------------|-------------------|----------------|---------------|
| Medan | 62 | 4,000 | ESP |
| DKI Jakarta | 2 | 53 | ESP |
| DKI Jakarta | 2 | 80 | Mercy Corps |
| Surakarta | 1 | 22 | ESP |
| Sidoarjo | 1 | 56 | ESP |
| Surabaya | 1 | 69 | ESP |
| Surabaya | 3 | 150 | PNPM |
| Makassar | 12 | 1,490 | UNICEF / CARE |
| Jayapura | 2 | 100 | ESP |
| Jayapura | 8 | 200 | UNICEF / CARE |
| total | 94 | 4,220 | |

In the next quarter, the master meter evaluation will be completed and results analysed by the IUWASH National team. Also a summary of all the results of the, more general, customer satisfaction survey's conducted in different PDAMs will be made, to identify common issues which can be addressed in future programs.

Section 2.4

COMPONENT 3: STRENGTHENING THE ENABLING ENVIRONMENT

A supportive enabling environment in the form of sufficient budget allocation and a robust policy framework is essential for improvements in the provision of water supply and sanitation services in Indonesia. Towards this end, Component 3 of the USAID-IUWASH Project seeks to address several weaknesses that continue to constrain water and sanitation service provision, including: (1) policy and political constraints at the local government level, (2) a persistent deficiency of macro- and micro-level financing for service improvement and expansion, and (3) a lack of engagement of civil society (including customers) in local planning and decision-making processes.

In the second quarter of PY2, the main achievements under this Component included the following:

- Completion of APBD and policy data analysis, resulting in the calculation of an investment baseline and a leveraging target for new investment. Notably, the average expenditure of local governments on water supply and wastewater management was less than 1% of their total local budget;
- Initial advocacy and capacity building efforts were implemented to increase investment in the water sector, including a training for Supervisory Board members in North Sumatra;
- Support to seven water utilities to implement PPP projects to boost service coverage. This support included the implementation of a financial analysis for a project in Kabupaten Tangerang that will add nearly 24,000 new connections;
- Implementation of a PPP training seminar in East Java to engender a greater understanding among utilities as to how PPPs can be used to improve and expand service delivery;
- Connection of the first 775 households under the microcredit program, as well as the visit of the US Ambassador to Kabupaten Kudus to witness the success of microcredit in expanding access to clean water.

The following sections provide further detail on Component activities as they relate to targeted Component outcomes and tasks.

I. Outcome EE.1: Improving local government prioritization of safe drinking water and sanitation through their adoption of supportive local policies and increased budget allocations

Annual planning and budgeting as well as broader policy formulation are at the heart of the governance process. Tasks under Outcome EE-1 are therefore aimed at increasing the degree of prioritization local governments accord water supply and sanitation services through a combination of (1) increased awareness through advocacy and training, (2) collaborative planning and budgeting approaches, and (3) the strengthening of monitoring and oversight mechanisms.

Activities under Outcome EE-1 for the reporting period focused on the verification and analysis of the annual budgeting (APBD) data and policy frameworks of the respective IUWASH local governments collected over the preceeding months. Regarding the APBD analysis, noteworthy findings included the following:

- Per Figure X below, overall total investment across the 29 IUWASH local government partners remained relatively consistent over the three-year period of analysis at about IDR 200 billion per year¹, or approximately \$22 million USD. Thus, while there was notable variation within individual local budget allocations themselves, the cumulative year-on-year variation was below 15%.

- Also as shown in Figure 3 on the secondary vertical axis, the total budget allocation of local government partners for the combination of water supply, wastewater, and hygiene promotion consistently hovered at about one percent of the total budget allocation in each city. Thus, budget allocations for the sector generally represented a miniscule proportion of overall local government spending plans.

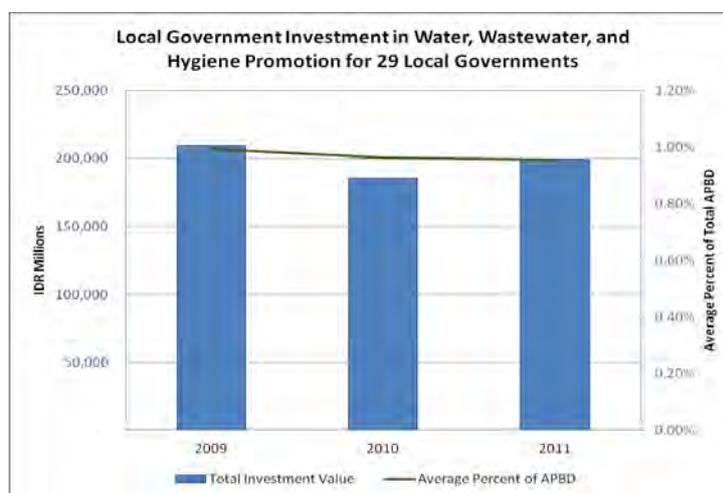


Figure 3

- In terms of spending per capita, the overall average across the 29 local governments surveyed was IDR 17,300 per year (or less than \$2 USD). In terms of range, the lowest budget allocation surveyed was approximately IDR 2,000 per person per year, while the highest was about IDR 50,000 per person per year.
- Finally, of the 29 local governments surveyed, only 6 actually allocated funds for direct investment in their water utility at some point over the past three years. These utilities local governments were: Kabupaten Gresik (East Java), Kabupaten Lamongan (East Java), Kota Binjai (North Sumatra), Kota Tibing Tingi (North Sumatra), Kota Bogor (West Java) and Kabupaten Serang (West Java). Notably, the largest direct investment by far was by Kota Bogor, which has invested IDR 24 billion directly into its utility over the past three years. Anecdotally, PDAM Kota Bogor is considered to be one of the best operated utilities in the country.

Based on the information collected, IUWASH also began advocacy and capacity building efforts this quarter as many local governments commenced the process of compiling their budgets for the next fiscal year. In North Sumatra, for example, IUWASH held a training for the Supervisory Boards (*Dewan Pengawas*) of five water utilities (PDAM Tirtauli Pematang Siantar, PDAM Tirtasari Kota Binjai, PDAM Tirta Bulian Tebing Tinggi, PDAM Tirta Kualo Tanjung Balai dan PDAM Tirtanadi Medan). An important aspect of the seminar was a session addressing strategies for increasing PDAM budget allocations through the APBD as well as other sources. Additionally, IUWASH staff in West Java also met with local government officials in Kabupaten Karawang and Kabupaten Serang to plan the first “visioning workshops” which will be used to establish consensus on key sector reforms.

¹ Please note that this value includes line items associated with water supply, wastewater, water resources protection, and hygiene promotion. It is therefore exclusive of budget allocations for solid waste management and drainage infrastructure. Further, as the analysis focused on local government budget allocations, water utility own-source revenues were not included.

In addition to the completion of the APBD analysis, the IUWASH Governance team also completed its inventory and analysis of local policies supporting the water supply and sanitation sector. To recap the process followed, IUWASH identified a total of 25 local policies fundamental to the overall functioning of the water and sanitation sector, including pertinent best practices from across the archipelago. These policies are enumerated below in Table 7.

Table 7

| General | Water Utility (PDAM) | Wastewater Management |
|---|---|---|
| 1. Responsibility for Water Supply Services | 1. Establishment of PDAM | 1. Responsibility for the Management of Urban Wastewater |
| 2. Protection of Raw Water Resources | 2. Investment of Capital in the PDAM | 2. Empowerment of Local Government Dinas with wastewater management authority |
| 3. Utilization of Ground Water | 3. PDAM Profit Sharing with Local Government | 3. Household Wastewater Charges |
| 4. Water Resources Pollution Levels | 4. Procedures for Selection of PDAM Directors | 4. Sludge Management and Disposal |
| 5. Minimum Budget Allocation for Water Supply | 5. Regular (Automatic) Tariff Increase | 5. Household Wastewater Disposal (including construction standards) |
| 6. Minimum Budget Allocation for Sanitation | 6. Organizational Structure and Procedures | 6. Sanitation Planning Documentation |
| | 7. Guidelines for the Supervisory Board | |
| | 8. Planning Documentation | |
| | 9. Sanctions and Penalties | |
| | 10. Write-off of Customer Receivables | |
| | 11. Consumer Protection | |
| | 12. Minimum Service Standards | |
| | 13. Public Private Partnerships | |

As a result of the close review of the policy framework in each local government, IUWASH catalogued approximately 281 policies. Notably, these policies took multiple forms, including local government laws (*Perda*), Executive Decision Memorandums (*Surat Keputusan Bupati/Walikota*) and PDAM Director Decision Memorandums (*Surat Keputusan Direksi*). Figure 4 below depicts the total numbers of policies catalogued per local government partner. Based on the results of the survey, IUWASH has identified 1-2 key policy gaps within each local government which will become the focus of the Project’s technical assistance efforts over the coming months. Inadequate raw water protection and sludge management regulations, in particular, represent a common weakness in the enabling environment of many local government partners.

Looking ahead to the next Quarter, IUWASH will focus on the utilization of the above results to engage local government partners in a discussion on resource allocation within the sector accompanied by the strengthening of the local policy framework. More specifically, led by the Finance and Governance Advisor, IUWASH will hold a series of 1-2 day “visioning workshops” to review the “state of the sector” within each jurisdiction and set forth an action plan for the upcoming budgetary process and legislative session. The visioning workshops themselves will seek to engage the key, senior level decision-makers in the executive branch, legislature, and water utility. These events will then be followed by direct support to the respective SKPD to begin implementing the agreed upon objectives.

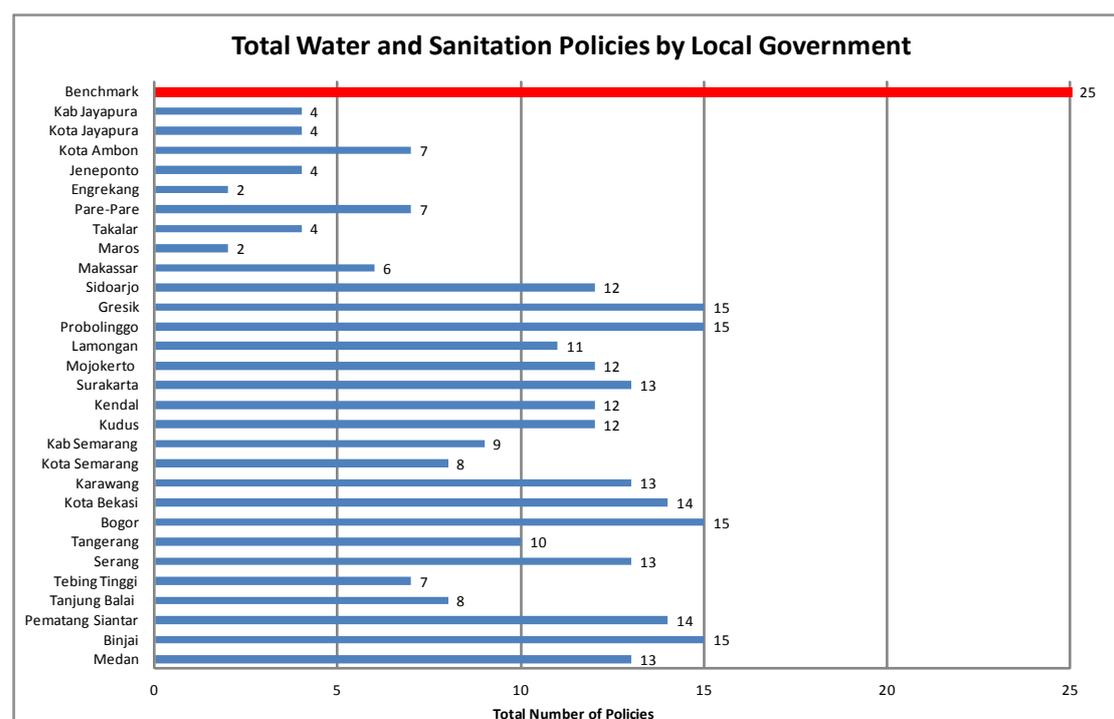


Figure 4

2. Outcome EE.2: Improving PDAM or local government ability to obtain access to long-term funding for water or sanitation investment plans

Even the best operated water utility will struggle to meet the growing demands of their service area in the absence of access to reasonably priced, long-term financing. Increasing awareness of this key ingredient in the success of the water and sanitation sector has led the central government to initiate a series of new policy and financing approaches and channels. While some local governments have successfully been able to tap such resources, for many others, insufficient access to long-term financing remains one of the greatest constraints to the expansion of water supply and sanitation services. IUWASH can play an important role in helping water utility partners to bridge the “financing gap” and thereby meet their growth targets and better serve the local population.

During this quarter, IUWASH Municipal Finance Specialists focused on the provision of initial technical assistance to the projects described in Table 8.

Table 8: Technical Assistance to Projects under Outcome EE-2.

| PDAM | Project Description | Progress through Quarter2/PY2 |
|---------------------------|---|--|
| City of Bekasi, West Java | - Pondok Gede: 300 lps new treatment plant and distribution lines - Anticipated form of financing: Public Private Partnership | This quarter IUWASH completed the real demand survey (RDS) in late March. Commencement of the full FS is expected in April, with the final version available by the end of May. In total, the project is expected to yield about 24,000 connections. |
| City of Bekasi, West Java | - Mustika Jaya area, which requires a 300 liters per second (lps) new treatment plant and distribution lines - Anticipated form of financing: Public Private Partnership | The RDS (real demand survey) for the Mustika project is nearing completion, and IUWASH plans to begin the FS preparation in June 2012, following the completion of the above Pondok Gede analysis. |

| PDAM | Project Description | Progress through Quarter2/PY2 |
|------------------------------|---|---|
| Tangerang District, Banten | <ul style="list-style-type: none"> - New WTP (300 lps) in Kelapa Dua sub-district to serve Southern Tangerang - Anticipated form of financing: Public Private Partnership | Both the real demand survey and technical study for Kelapa Dua have been completed. This quarter IUWASH commenced the financial analysis, which is expected to be completed the end of March. Further, all components of the FS will be finalized by the end of April. Additional notes for this project are provided in the narrative below. |
| Lebak District, Banten | <ul style="list-style-type: none"> - WTP renovation and distribution line construction to serve Kopo and Tiga Raksa areas - Anticipated form of financing: Public Private Partnership. PT Ciria Jasa and PDAM Lebak will form a project company to rehabilitate the damaged treatment plant and, ultimately, sell bulk water to Kab Tangerang and Kab Serang. | The formal cooperation agreement between JV BTL and PDAM Lebak was signed in January 2012. IUWASH is planning to conduct a detailed review of the existing feasibility study on behalf of the three off-takers (PDAM Lebak, PDAM Serang, and PDAM Tangerang), but is still awaiting the requisite documentation from the project company. |
| Serang District, Banten | <ul style="list-style-type: none"> - Greenfield water supply project for Ciruas area - Anticipated form of financing: Public Private Partnership | IUWASH is assisting the PDAM in the preparation of their business plan which will include a general analysis of the PPP. As part of this effort, IUWASH conducted a customer satisfaction survey in February 2012. |
| City of Solo, Central Java | <ul style="list-style-type: none"> - 300 lps bulk water supply project - Public Private Partnership with PT Jasa Tirta | PJT has finished preparing FS and delivered to PDAM Solo, including bulk water tariff to be sold to PDAM. IUWASH is presently assisting PDAM Solo to prepare its own analysis of the bulk water tariff in response to PJT's offer. |
| City of Gresik, East Java | <ul style="list-style-type: none"> - 200 lps water supply project - Anticipated form of financing: Public Private Partnership | IUWASH commenced the preparation of the feasibility study this quarter, with completion expected in April 2012. Following completion, IUWASH will support the PDAM to present the results to the Bupati and Pemda. |
| City of Mojokerto, East Java | <ul style="list-style-type: none"> - 500 lps water supply project - Anticipated form of financing: Public Private Partnership | IUWASH assistance to Kota Mojokerto has not commenced. |

Of the above projects, the proposed PPP in Tangerang is the furthest advanced. Notable details concerning this project are as follows:

- While the financial analysis is still under way, the results thus far indicate that the project is feasible, with an internal rate of return sufficient to attract the interest of a private investor.
- In the next phase, IUWASH will assist the PDAM in the preparation of an Engineering Procurement and Construction (EPC) Contract. The EPC mechanism is similar to a “turn-key” project in which the private investor will provide the detailed engineering designs (DED) for the intake and water treatment plant (followed by, of course, the physical construction).

- The procurement process itself is planned for October to December 2012, with contract signing and construction anticipated in early 2013. Importantly, the PDAM already possesses the water permits to withdraw the volumes required for the new plant.
- In total, the projected is expected to yield 24,000 new connections over three years, benefitting approximately 72,000 people.

In addition to assistance associated with the aforementioned projects, IWUASH also hosted a workshop in East Java in February exploring the potential of Public Private Partnerships (PPP) in the water sector. As is evidenced by the table presented above, more and more PDAMs appear to prefer this mechanism as a means of developing new infrastructure. While private sector partners tend to charge higher premiums, they nonetheless provide a means for the utility to transfer risk. Importantly, the administrative and bureaucratic hurdles also tend to be significantly lower, meaning projects can get underway more quickly. Eleven PDAMs and two provincial water supply companies attended the seminar, which provided an in-depth look at PPP financing options and the accompanying regulatory environment. The information was presented by senior officials from BPPSPAM as well as IUWASH staff.

Looking ahead to the third quarter of PY2, in addition the tasks anticipated in the table above, IUWASH will seek to expand project financing assistance to utilities in North Sumatra and West Java (including Tebing Tinggi and Kota Bogor, respectively). Also, IUWASH will work with BPPSPAM to implement a similar PPP seminar in at least one additional province in the coming months.

3. Outcome EE.3: Increasing the percentage of financial resources accessed by service providers from public and private sources for expansion of improved water and sanitation services

Closely related to increased budget allocations and access to long-term infrastructure funding, Outcome EE3 monitors the overall levels of financing accessed by service providers to improve and expand water supply and sanitation services. These financial resources may come in the form of public funding (such as through the APBD, APBN or DAK), private/commercial funding (such as via a commercial bank [including under PerPres 29/2009], municipal bond, corporate bond, or supplier credit), donor funding (including international donors, domestic donors, or CSR from private companies) or own-source revenue generation.

Based on the APBD analysis conducted under EE-I combined with an evaluation of PDAM asset investment over the same period, IUWASH was able to calculate a baseline value for the first 29 PDAMs which shall be used as a benchmark to evaluate the extent to which service providers accessed new financing with IUWASH assistance. For performance monitoring purposes, IWUASH proposes to express the targeted amount of a “10% increase in financing accessed in terms of a nominal currency value. The primary advantage of this approach is that it allows the Project to more directly link technical assistance with results by tracking funds accessed against a currency value determined at the outset of assistance.

Using Figure 5 below to illustrate, the baseline amount of resources accessed across the initial 29 local governments and PDAMs was approximately USD \$46.6 million (represented by the dark blue “Group I Baseline” bar). Multiplying this value by 10% yields an annual leveraging target of about USD \$4.6 million, which is represented by the dark red shading in the figure. Note that this value is less for Year I given that it was a six-month year and work

with LGs did not begin immediately. Also, the target for Year 6 is equally minimal due to the fact that assistance to the current 29 PDAMs is anticipated to close by the end of PY5.

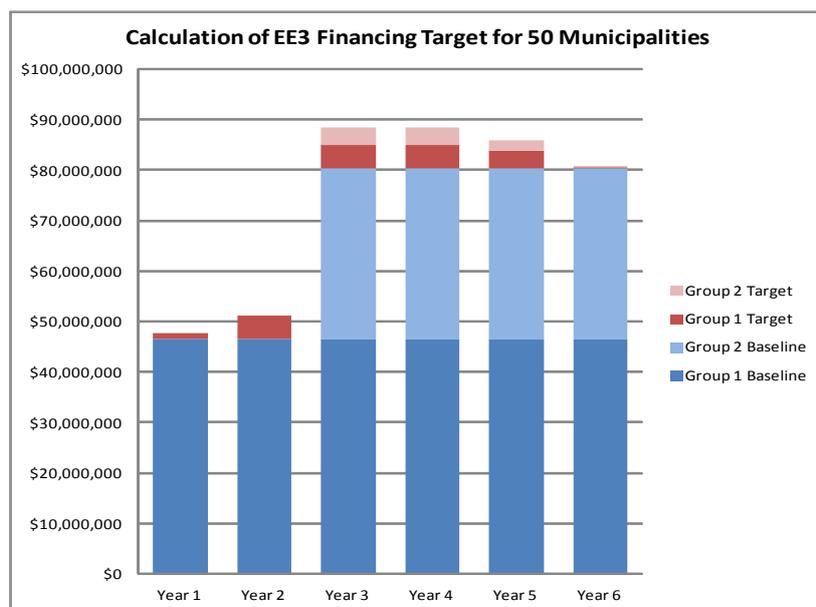


Figure 5: Calculation of EEE Financing Target for 50 Municipalities.

Using this approach, then, the current leveraging target is approximately USD \$19 million, which is the value of the dark red shaded bar segments in the chart. Notably, the baseline and target will increase once another 21 local governments and utilities are added in Project Year 3, as represented by the light blue bar segments (“Group 2 Baseline”) and light red bar segments (“Group 2 Target”). While the final, life-of-project target will depend on the actual baseline investment data gathered at the time of TA commencement with the second group of LGs, it is estimated to be approximately USD \$26 to \$30 million.

Regarding progress to date, then, notable achievements include the IDR 82 billion leveraged in Kota Bogor through a new *Perda* on PDAM investment, the IDR 810 million in microloans disbursed by BSM, and the \$200,000 investment by Coca-Cola in the Sibolangit infiltration wells in North Sumatra. The specific calculations are presented in the PMP section of this report.

4. Outcome EE.4: Facilitating access of low-income households to microfinance for improvements in water and sanitation

While improved municipal systems are critical to expanded service delivery, for many low-income households, installation and connection fees represent a significant additional barrier to accessing water supply and sanitation systems. To address this issue, IUWASH promotes the development of microfinance through the establishment of partnerships between utilities and microfinance providers.

During the reporting period IUWASH achieved significant progress under Outcome EE 4. First, two additional partnership agreements were signed this quarter in Kabupaten Kudus and Kabupaten Mojokerto. Importantly, IUWASH also realized its first connections under the microcredit program as a whole, including 770 connections in Kabupaten Kudus and 5 in Kabupaten Serang. In addition, new microcredit programs were also introduced in Surabaya, Sidoarjo, Makassar, and Jeneponto.

Notably, the success of Kabupaten Kudus in increasing access to clean water through microfinance was recognized in the form of a visit by the US Ambassador to Undaaan Village in February. The Ambassador was able to directly witness the impact of microfinance for water supply, including having an opportunity to “turn on the tap” of a new connection funded by a small loan of IDR 1,000,000 (see photo at right). He was accompanied by the President Director of Bank Syariah Mandiri and the local District Head. An enthusiastic crowd of approximately 1,000 people attended the event, including many children from schools in the surrounding area.



Table 9: Summarizes the status of the microcredit initiatives in each region.

| Region | PDAM | Bank | Status |
|---------------|-------------------|----------------------------|--|
| North Sumatra | Langkat | Bank Syariah Mandiri (BSM) | - Program introduction completed - Formation of partnership underway, with MOU expected in April '12 |
| North Sumatra | Siantar | Bank Sumut or BSM | - Program introduction completed - Support for partnership formation expected to begin in May '12 |
| DKI/West Java | Karawang District | BTN | - Program introduction completed; - MOU signed in November '11 - Support for promotional materials completed - 385 potential customers identified at Cipule, Karawang Festival and Kondang Asri. - 200 potential customers identified at Wansa Nirwana housing complex. |
| DKI/West Java | Serang District | BRI and BSM | - Program introduction completed - MOU with BRI signed in October '11 - Formation of partnership underway with BSM, MOU expected in April '12. - <u>Total Connections: 5 customers</u> |
| DKI/West Java | Lebak District | BSM | - Program introduction completed - Formation of partnership underway, with MOU expected in April '12 |
| Central Java | Kudus | BSM | - Program introduction completed; - MOU signed on Jan 9, '12 - BSM's model for others pdam. - <u>Total Connections: 770 customers</u> , with a total microfinance loan value of Rp. 810,474,000 |
| Central Java | Kendal | BRI | - Program introduction completed - MOU signed in November '11 - Initial training held and implementation commenced, including marketing preparation |
| Central Java | Semarang District | BRI | - Program introduction completed - MOU signed in September '11 - SOP development completed in March '12 |

| Region | PDAM | Bank | Status |
|-------------|-----------|-----------------------------|---|
| East Java | Sidoarjo | BRI and BSM | - Former ESP Program, with BRI MOU still ongoing - Formation of a new partnership ongoing with BSM, and MOU expected in April '12 |
| East Java | Surabaya | BRI and BSM | - Former ESP Program, with BRI MOU still ongoing - Formation of a new partnership ongoing with BSM, and MOU expected in April '12 |
| East Java | Mojokerto | BRI, BPR Bank Jatim and BSM | - Program introduction completed - MOU signed in October '11 with BRI and in Jan '12 with BPR Bank Jatim - Preparation of marketing training in April '12 - 109 potential customers reviewed by BRI - Formation of new partnership with BSM underway, with MOU expected in April '12 |
| Sulawesi/EI | Makasar | BSM | - Program introduction planned on March 21, '12 |
| Sulawesi/EI | Jeneponto | BSM | - Program introduction planned on March 22, '12 |

In the coming quarter IUWASH anticipates the signing of six new partnership agreements as well as the continued ramping up of new connections in the existing programs. To facilitate the sharing of best practices and support the roll-out of the BSM cooperative model, IUWASH will implement a comparative study in Kabupaten Kudus early in the next quarter. Approximately 13 PDAMs will travel to Kudus to learn about how BSM is working with PDAMs and local cooperatives to make small loans available to prospective PDAM customers. Finally, IUWASH will also begin an assessment of the potential for microcredit to support additional wastewater connections in Medan under the auspices of the sewerage campaign described under Outcome MD 1.

5. Outcome EE.5: Facilitating Local Government adoption of new or improved mechanisms for citizens to engage local government in water and sanitation

For reasons related largely to the history of sector governance in Indonesia, few local governments or service providers seek to meaningfully engage the public in the planning and decision-making process. The public's historic lack of involvement has led to a degree of complacency and a sense that citizens have no input into issues of service delivery. IUWASH supports the development of mechanisms for improving citizen involvement in the provision of water and sanitation services, thereby resulting in more accountable and transparent service delivery.

With the focus on the foundational work associated with local government budgeting and policy analysis, IUWASH has not yet commenced many activities under Outcome EE 5. That said, in Kabupaten Pare Pare, South Sulawesi, IUWASH undertook some exploratory discussions with the *Dinas Komunikasi dan Informasi* concerning ways in which to improve information flow between the local government and citizens. The Project will seek to develop an action plan with the *Dinas* in the next quarter to strengthen this critical communication channel.

6. Outcome IC-3: PDAMs with Improved Creditworthiness

Recognizing that improved creditworthiness of PDAMs opens doors to sources of much needed funding for system improvement and expansion, IUWASH works with local governments and PDAMs to better assess their current conditions, address areas of

weakness and gradually move towards financially “healthy” status that makes them worthy of increased investment.

During the first Program Year IUWASH developed the Creditworthiness Ladder (CWL), a tool to guide both the achievement and monitoring of Outcome IC-3 by identifying weaknesses in a utility’s credit profile and evaluating efforts to shore up those weaknesses. Over the reporting period, IUWASH tested this tool in one utility in Central Java. The results of the test are shown below in the Creditworthiness Profile generated by the CWL tool. Based on a range of 1 (as the lowest score) to 5 (the highest score), the utility received a score of “2 (plus)”. In terms of the key detracting factors, the utility rated very low in its debt management, including its credit history, debt service coverage ratio, and debt service reserve fund. This was largely due to current outstanding arrears to the central government, a weakness that would block its ability to access nearly any form of debt financing, whether public or private.

| Component | Category | Indicator | Level | | | | |
|---------------|--------------------------------|--------------------------------------|-------|---|---|---|---|
| | | | 1 | 2 | 3 | 4 | 5 |
| Finance Risk | Debt Management | Credit History | X | | | | |
| | | Debt Service Coverage Ratio | X | | | | |
| | | Debt to Assets Ratio | X | | | | |
| | | Debt Reserve Fund | | X | | | |
| | Rate Structure & Profitability | Tariff Cost Recovery Ratio | | | X | | |
| | | Affordability | | | | | X |
| | | Net Profit Margin | | | X | | |
| | Cash Flow | Net Profit Trend | | | X | | |
| | | Current Ratio | X | | | | |
| | | Operating Reserves | | X | | | |
| Business Risk | Customer Base | No. of Active Connections | | | X | | |
| | | Net Growth | | | X | | |
| | | Diversity of Customer Base | | | | | X |
| | | Overall Coverage of Service Area | | | | X | |
| | Raw Water Sources | Raw Water Protection | | X | | | |
| | | Raw Water Stability | | | X | | |
| | | Water Resource Planning | | | | X | |
| | Technical Operations | Production Capacity vs. Demand | | | | X | |
| | | Non-Revenue Water | X | | | | |
| | | Service Continuity | | | | X | |
| | | Collection Period | | | X | | |
| | Governance and Policies | Selection of Directors | | | X | | |
| | | Annual Management Performance Report | | | | X | |
| | | Tariff Adjustment | | X | | | |
| | Management and HR | Local Government Investment Support | | | X | | |
| | | Corporate Planning and Budgeting; | | X | | | |
| | | Standard Operating Procedures; | | | | X | |
| | | Staff Capacity | | | X | | |

Looking ahead to the next quarter, IUWASH will first seek to obtain inputs from the credit rating firm Pefindo concerning the results of the pilot test, including any critiques or suggestions that they may have regarding ways to improve the CWL as an analytical tool. Following these inputs, the Project will then implement the CWL with all IUWASH PDAMs as a means of establishing their respective baseline creditworthiness.

Section 2.5

GRANTS PROGRAM

The Grants program under the IUWASH project serves as a major resource in support of the project's technical components, as well as an important contribution to the USAID FORWARD initiative, which seeks new partnerships, emphasizes innovation and maintains a steady focus on results. As a Grants under Contract (GUC) activity with funding of \$2.5 million, it is implemented in accordance with USAID rules and regulation and follows the requirements found in ADS 303 and 22 CFR 226. The grant program is administered through the guidelines stipulated in the USAID-approved IUWASH Grants Program Manual and Grants Implementation Plan and is further synchronized with and supports the project's technical components. Key activities during the reporting period included:

- On March 2, 2012, USAID approved the “Jakarta Urban Community-Based Sewerage System” grant program implemented by FORKAMI to be implemented in two urban area sub-districts in South Jakarta with a total value of IDR 599,960,000.00 (USD 66,662.22). The cost-share for this program is USD 7,333.33. The anticipated start date for this one-year grant program is April 2, 2012 and signing of the grant agreement is scheduled on that same day.
- IUWASH reviewed a revised technical and cost proposal from Mercy Corps for the proposed “Integrated Services for Infrastructure and Sanitation Technology (INSIST)” grant. The purpose of this grant activity is to develop an affordable, sustainable, and context appropriate waste management system in poverty affected high-density communities in Jakarta. The total value of this one year grant program approved by USAID is USD 99.972 with a cost-share of USD 25,000.
- The Scope of Work for the “Sustainable Community-based Total Sanitation” program for the urban poor in Tanjung Balai and TebingTinggi in North Sumatra was approved by USAID on February 3, 2012. A pre-application meeting was conducted on February 28, 2012 and site visits to proposed project locations took place on February 29, 2012 and March 1, 2012. The due date for proposal submission was March 20, 2012.
- A pre-application meeting for the “Sludge Management Program” in Belawan, Medan was conducted on January 4, 2012 with fifteen potential partners in attendance. The site visit to the Belawan area was conducted on January 5, 2012 with eight potential recipients participating. IUWASH received one proposal on the due date of January 20, 2012 and the result of the evaluation showed that the proposal did not meet the agreed evaluation criteria. Accordingly, this grant procurement was cancelled and is being restructured to ensure wider representation in the bidding process.
- A pre-application meeting for two grants programs in East Java: 1) “Optimizing Coverage of Existing Master Meter and Triggering Community-Led Total Sanitation” in the District of Sidoarjo and 2) “Solving Community Sanitation Problems through STBM Programs” in East Java was conducted on March 5, 2012 with fourteen potential partners attended the meeting. Site visits were conducted on March 6-7, 2012. The due date for proposals submission for both grant programs was March 26, 2012.
- The development of the scope of works for four grants programs in Central Java and two grant programs in South Sulawesi and Eastern Indonesia are being finalized. For West Java, DKI Jaya, and Banten, two scopes of works are being drafted and are expected to be completed in the next quarter.

- Training in improving the development of Scope of Works was conducted for IUWASH technical specialist in Makassar, Semarang, Surabaya, and Jakarta.
- A Grant and Purchase Order Tracker was developed to use as a grant and purchase order monitoring management tool.

Primary areas of focus for the next reporting period will include:

- Executing and monitoring the grant programs implemented by FORKAMI and Mercy Corps, as well as others that are likely to be initiated.
- Developing well written Scope of Works for grant programs in North Sumatra, West Java and Jakarta, Central Java, South Sulawesi and Eastern Indonesia during the first week of next quarter;
- Effectively conducting pre-application meetings for grants program in Central Java, South Sulawesi, West Java, and North Sumatra;
- Monitoring and updating the revised Grant and Purchase Order Tracker on a weekly basis.

Section 3

NATIONAL ACTIVITIES & KEY UPCOMING EVENTS

INTRODUCTION

In this section, we present a more detailed account of activities and achievements at the national level.

I. General Project Management

While the ultimate success of IUWASH depends on the effectiveness of the project's technical components, their ability to operate effectively (both independently and as an integrated whole) is equally dependent on the organizational and management structures and systems the team puts into place in their support. Tracking against activities defined and planned in the project's first annual workplan, activities under the heading of "General Project Management" during the reporting period included:

Programmatic Areas

- Conducting a quarterly meeting with the national Tim Teknis to review project progress and issues, as well as a mid-quarter review with representatives from BAPPENAS.
- Facilitating a monitoring visit by GOI agencies (Ministry of People Welfare and Ministry of the State Secretariat) to Kota Makassar. The team visited 2 Kelurahan in Kota Makassar and participated IUWASH Gender training.
- Concluding Partnership Agreements (a complete list of which is provided below) with:
 - Targeted municipalities in South Sulawesi (Makassar city, Maros district, Takalar district, Parepare, Enrekang);
 - Coca-Cola Foundation Indonesia (CCFI) and a local non-profit, JMK, for cooperation on the Sibolangit Water Replishment project;
 - BPPSPAM (Badan Pendukung Pengembangan Sistem Penyediaan or Water Supply Development Support Agency) for general collaboration.
- Providing all planned technical and administrative backstopping through the DAI home office, including the completion of IT system set-up and support of work in climate change adaptation, finance and governance.
- Supporting visits by the US Ambassador to Kudus District and by the USAID Mission Director to Jayapura.
- Providing on-going support by national team members to regional project locations. Such visits covered a wide variety of areas, including workplan development and synchronization; administrative and financial management training; information management; baseline data collection; formative research; the development of SOWs for an array of project activities; and technical support across all components.
- Conducting of national-level management and technical workshops, including:
 - A meeting of Governance and Municipal Finance Specialists;
 - A three-day Regional Coordinator Planning and Coordination Meeting.
- Conducting of weekly meetings with the USAID COR to provide updates on project progress, issues and challenges.
- Implementing several program review and team building exercises aimed especially at the regional level.

Project Administration and Finance

- The introduction and integration of a new Field Accounting System (FAS) which involved a one-month training program for national accounting staff and has led to improved financial management efficiency;
- Completion of an internal audit at the national level which was conducted by a DAI home office staff member;
- Initiation of regional level administrative/financial management compliance reviews.
- On-going budget review activities which provide an improved basis for financial projection and planning;
- Completion of the project Operations Manual, along with the integration of manual modules into the Technical Assistance Management Information System (TAMIS);
- Development and roll-out of a staff performance management system;
- Completed Team Building Workshop in three regions which address important issues regarding the integration among technical component and between technical and administrative staff.

While many challenges and issues were encountered in accomplishing the above, none are deemed especially noteworthy or outside of the normal course of business. During the upcoming period, aside from more routine matters, general project management activities will include a quarterly meeting with the Tim Teknis and a Regional Coordinator Planning and Coordination Meeting, both of which are expected to be held in late April.

Table 10: IUWASH Locations.

| North Sumatra | West Java, Jakarta, Banten | Central Java | East Java | South Sulawesi/East Indonesia |
|--|---|--|--|--|
| <ul style="list-style-type: none"> • Medan city • Binjai city • Langkat dist. (*) • Pematang Siantar • Tanjung Balai city • Tebing Tinggi city | <ul style="list-style-type: none"> • Bekasi city • Bekasi district • Bogor city • Karawang dist. • Lebak district • Serang district • Tangerang dist. • DKI Jakarta (*) | <ul style="list-style-type: none"> • Semarang city • Semarang dist. • Kendal district • Kudus district • Surakarta city (*) | <ul style="list-style-type: none"> • Gresik district • Lamongan district • Mojokerto district • Probolinggo distr. • Sidoarjo district • Surabaya city (*) | <ul style="list-style-type: none"> • Ambon city • Jayapura city • Jayapura dist. • Jenepono • Makassar city • Maros district • Takalar district • Parepare • Enrekang |

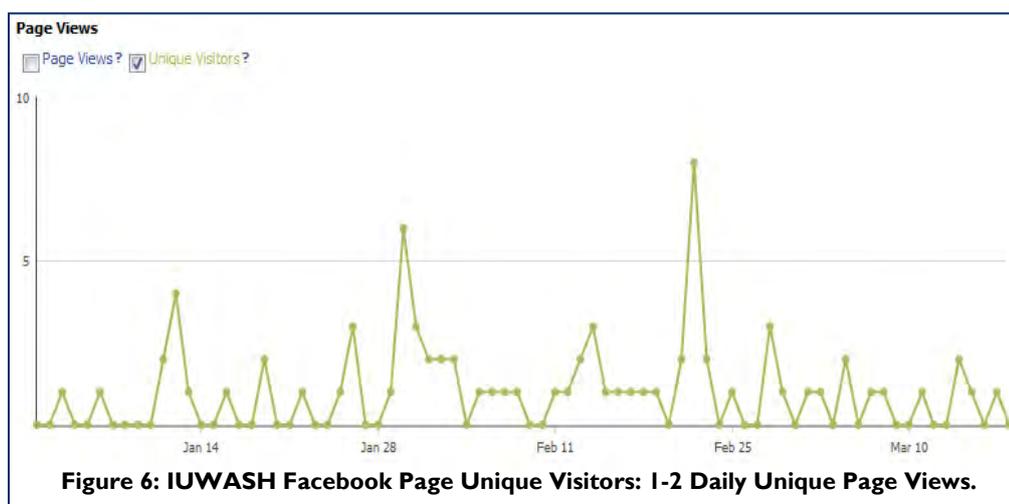
Note: IUWASH has signed Partnership Agreements (PAs) with all locations except those with an (*). PAs for those with an (*) are either not yet concluded or are not required.

2. Project Communications

Communications and reporting are of paramount importance to both the effective engagement of IUWASH stakeholders at all levels and the project's broader objective of building public awareness of critical sector issues and needs. During this Quarter, the Program Communications team continued its support to enhance IUWASH' profile among project stakeholders, as well as raise awareness of key sector issues with both the wider public and media using both print materials and web tools. Some highlights include:

- Distribution of 2,928 project communications materials reaching 2,928 audience and invitees at various project events such as meetings with local governments and other government offices, IUWASH project launch in Makassar, South Sulawesi on January 25, 2012; USAID Mission Director visit to IUWASH project site in Makassar, South Sulawesi on February 1, 2012 and the most recent event was US Ambassador visit to IUWASH project in Kudus, Central Java on February 22, 2012; Media Discussion with Sinar Harapan Daily on March 21, 2012.

- Re-design and re-development of the IUWASH website and the submission of the English version to USAID for compliance review and ‘scanning’ against possible threats.
- Development of improved systems for supporting key events such as demonstrated during the US Ambassador visit to Kudus where two project stakeholders i.e. PDAM Kudus and Bank Syariah Mandiri, used IUWASH generated materials for their own promotional efforts.
- Introduction of another “Technical Note” on microfinance for water supply. Technical Notes are a brief publications with reader-friendly technical narration, graphics and images that are designed to quickly, yet comprehensively convey the basics behind a wide array of sector issues. A Technical Note on infiltration ponds was developed earlier.
- Tracking of the IUWASH Facebook Page which has 15 new Likes and 61 lifetime Likes, where there is at least 1-2 daily unique page views. There are 69 unique users, who were engaged with IUWASH page throughout this fourth Quarter. Contents associated with the IUWASH Facebook Page reached at least 9 unique users daily, while every day during this Quarter there were 3 unique users who reviewed any of the pages posted by IUWASH;



- Tracking of the IUWASH Twitter account “@airsanitasi” which received 35 Mentions and 60 re-Tweets from its 63 followers;
- IUWASH tried to reach the wider public by launching a simple quiz on water and food security (around World Water Day 2012) supported by a giveaway of a T-shirt with an IUWASH message giveaway. The short event garnered attention from 20 Twitter users and achieved 20 new followers.



Figure 7: Users Interaction at IUWASH Twitter Account @airsanitasi

In the next Quarter, the Project Communications team plans to roll-out its new website, produce another version of the IUWASH newsletter, provide additional technical notes and activity summaries, and identify opportunities for expanded use of social media (Facebook and Twitter, in particular).

3. Program Reporting

This section describes progress towards producing the many regular reports that are required to ensure the project adequately imparts key information to its stakeholders and remains compliant with reporting requirements under IUWASH contract terms and conditions. Select details of program reporting include:

- Regular production of the IUWASH Bi-Weekly Report. The bi-weekly reports provide updates to USAID and project staff on project activities at the national and regional levels and include information on technical and administrative activities. A calendar of upcoming activities is also included.
- Production and distribution of the project's third Quarterly Report, covering the period of October through December 2012 and which included revisions to the IUWASH Annual Work Plan for PY2.
- The project also produced a series of regular and required financial and administrative reports.
- IUWASH further began producing "weekly highlights" for USAID's use in their regular weekly meetings.

The project continues to refine its systems for project programmatic reporting, ensuring that report formats track very closely with the PMP and Workplan. In the next period, project reporting activities will focus on continuing to provide quality reports in a timely fashion, while at the same time reporting more broadly on program outputs and results, integrating local level data, and improving internal reporting procedures and support.

4. Geographic Information Systems and Mapping

The IUWASH Geographic Information System (GIS) supports and enhances the project's technical components, program communications, monitoring systems, and overall project management. GIS work during the reporting period included:

- Ongoing provision of GIS information for project reports and presentations;
- Support on raw water mapping for several locations, including Jubel Spring in Mojokerto, East Java; Sukacai and Citaman Springs in Serang, Banten province. Spatial maps are being used to identify: (i) the catchment area; (ii) the boundaries of the spring in relation to raw water intakes; and (iii) the best locations to place infiltration ponds;
- Conducted vulnerability raw water survey and mapping at Sibolangit spring complex, North Sumatra, to determine the best location of infiltration ponds to be built on cooperation between IUWASH, CCFI and JKM;
- Conducted GIS class training for 12 PDAM Kota Bekasi staffs, to support of PDAM spatial data development, including piping network and customer data development to be used for improvement of billing system information;
- Conducted the preparation of a GIS-based billing information system development for PDAM Kota Bogor that combines water meter reading with a customer spatial database. The selection process of implementor is being conducted through purchase order mechanism;
- Conducted facilitation on GIS-MIS comparative study for 9 staffs of PDAM Kota Bogor and Bekasi to visit PDAM Kab. Bandung;
- Conducted the assessment of GIS-MIS capability of PDAM Kab. Mojokerto, Kab. Gresik and Kota Probolinggo.

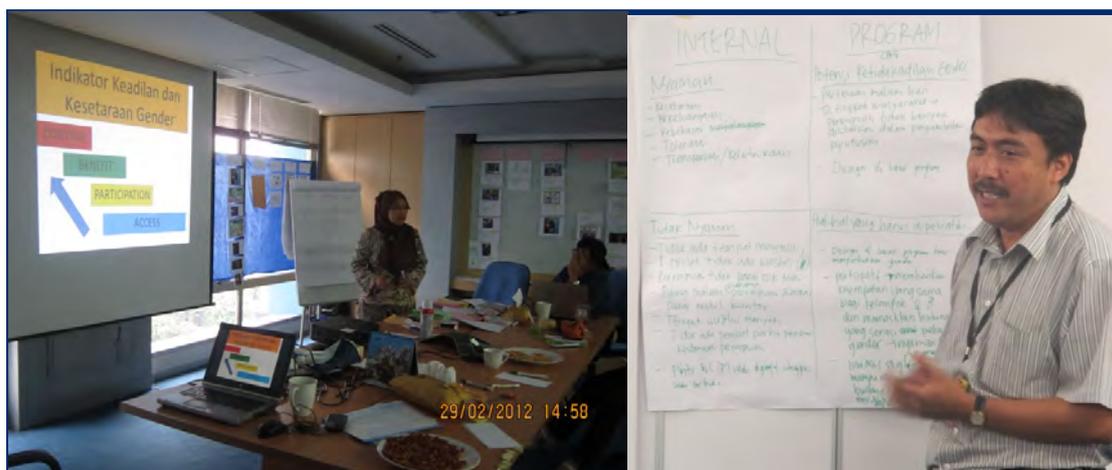
In the next quarter, GIS work will continue to focus mainly on supporting the project's Raw Water Team in conducting PDAM raw water vulnerability assessments and inventories of potential climate change adaptation measures. GIS assistance will also be provided to the West Java team to conduct GIS on-the-job training for PDAM Kota Bekasi Kota Bogor, as well as conduct the development of PDAM Kota Bogor GIS-based billing information systems. GIS staff will support the East Java team to conduct GIS capability assessment for PDAM Kab. Mojokerto, Kab. Gresik and Kota Probolinggo, as well as conduct the SOW preparation of GIS support activities for several PDAMs of East Java region. GIS staff will also continue to provide support to project communications and reporting efforts, including the possible development of interactive online project mapping systems.

5. Gender

During the Quarter, the IUWASH Gender program made significant progress by completing gender assessment activities and developing and implementing an internal gender training for IUWASH staff. The gender assessment will provide a basis for further development of IUWASH gender mainstreaming. The concept of IUWASH Gender mainstreaming is not only to focus on increasing the participation of men and women in all IUWASH activities but also giving equal benefit and control over water resources and activities between men and women who are involved in IUWASH activities. Also, the internal working environment among the IUWASH staff and between IUWASH staff and partners, should have agreements on equal and comfortable working environments for men and women staff and partners.

To strengthen the understanding and perspective of IUWASH Gender Mainstreaming, an internal gender training has been implemented for all IUWASH staff (administrative and technical staff) in all IUWASH regions. In order for great sustainability and impact, IUWASH will seek participation by men and women at all levels of decision making. IUWASH will

work with other partners such as CSOs (e.g., PKK), PDAMs, local government officials, Pokja-San members, CBOs, school teachers, and local health sanitarians in target communities to promote gender mainstreaming at all levels of IUWASH activities.



IUWASH JAKARTA

Implementation of IUWASH internal training. Participants discuss gender equity and develop an agreement that establishes a IUWASH gender mainstreaming in the working environment that response to gender issues.

The activities during this Quarter included:

- Conducted a Gender Assessment in six cities in three regions – Kota Medan and Binjai (North Sumatra), Kota Surakarta and Kendal district (Central Java Region); and Maros and Takalar districts (South Sulawesi). The results of the Gender Assessment were used to develop a training curriculum for IUWASH internal gender training;
- Developed a training curriculum for IUWASH internal training for all IUWASH staff in all region;
- Conducted IUWASH internal training in 5 regions participated by all IUWASH staff (administrative and technical staff). The one-day training discusses several topics such as basic understanding of gender, gender inequality in general and specifically in WASH sector and gender mainstreaming focused in WASH sector.

In the next period, gender-related activities will focus on the following activities:

- Finalizing the results of the IUWASH Gender Assessment and making it ready for publication;
- Conducting a gender workshop by the IUWASH Gender Working Group (GWG). The GWG will share and evaluate the results of the Gender training;
- Developing plans for IUWASH gender capacity building program for IUWASH Partners and stakeholders;
- Extensive engagement of possible national and regional partners, such as the PKK and the Ministry of Women's Empowerment;
- Conducting initial program activities to advance gender mainstreaming in the water supply and sanitation sector.

6. Monitoring and Evaluation

Monitoring and evaluation (M&E) is an essential part of project management and of the overall project cycle. The IUWASH M&E program focuses on clearly defining what needs to be measured to adequately gauge project progress, and then ensuring that appropriate data is collected, compiled and reported. The main M&E tool is the IUWASH Performance

Monitoring Plan (PMP). The PMP is an important project management tool that becomes a basis for other management tools such as workplan, regular reports and day-to-day program activity plans. The system is further bolstered by the project's web-enabled Technical and Administrative Monitoring Information System (TAMIS), its annual work plans and similar tools.

Although this Quarter is an important period for IUWASH to report on several PMP achievements, this period will also focus on the reporting of several baseline activities since many field-based IUWASH activities are still at the preliminary stages of development.

The main M&E activities during this Quarter included:

- Conducted TAMIS training for IUWASH staff in South Sulawesi, Central Java and West Java/National regions;
- Completion of baseline concept and tools for the outcomes of HR-1 (people access to safe water supply), and HR-3 (water cost);
- In collaboration with IUWASH technical team, compiled the results of baseline survey for HR-1 (for the number of PDAM connections), IC-1 (PDAM Performance Index), EE-1 (Local Government budgeting and policy, EE-3 (Financial leveraged), and EE-5 (citizen feedback mechanism). The results were entered into the TAMIS;
- Conducted discussion with USAID Team in Data Quality Assurance (DQA) for IUWASH indicators that will be contributed to the USAID Standard Indicators. In this discussion, IUWASH receive two additional indicators to be reported from the USAID Standard Indicators. These new indicators are inline with Outcome HR-1 (people access to safe water supply) and HR-2 (people access to improved sanitation services);
- Collected data on outcomes for QPR #4 through the use of TAMIS.

In the next reporting period, IUWASH monitoring and evaluation activities will focus on the following:

- Development of revised PMP that accommodates several additional indicators and several outcomes based on the results of the baseline;
- Finalize the baseline tools for MD-1 (willingness to pay for sanitation services) and MD-5 (improved hygiene behavior);
- Development of an overall concept for data collection system for MD-5 that involve IUWASH stakeholder (possibly PKK or another potential partner);
- Development of initial concept of IUWASH qualitative monitoring and evaluation;
- Continue to support the development of GIS-based maps to present project information and achievements in collaboration with the GIS team.

7. Environmental Compliance

As a project aimed very much at improving the environmental health status of Indonesian citizens, the IUWASH team understands the importance of ensuring that its own activities do not, in any way, negatively impact public health or environmental conditions in the areas it operates. Guiding this desire are: USAID environmental regulation 22 CFR 216; the project's Initial Environmental Examination (IEE) which is referenced as ASIA 09-86 IEE & ETD); and the approved IUWASH Environmental Monitoring and Mitigation Plan (EMMP) which has been integrated into and approved as part of the project's annual workplans. Activities currently being undertaken by IUWASH are mostly field studies, workshops and meetings that have no real direct impact on the physical environment, and such activities have received a "categorical exclusion" from further environmental review. However, some activities to be implemented in the coming quarter (especially those involving construction at the community level), however, will be subject to such review. IUWASH project managers

will review the construction activities that will have a negative impact to the environment and ensure that mitigation will be conducted as required and follow the guideline stipulated in the approved EMMP. In cases where the type of activities and mitigation measures are not described in the currently approved EMMP, the respective project manager will consult the IUWASH Environmental Officer to develop a new IEE and EMMP for such activities.

Activities planned to be implemented in the next quarter include:

- Development of additional environmental monitoring support tools and instruments including training on the use of these management tools;
- Completion of adjustments to the TAMIS environmental compliance module;
- On-going supervision of the environmental compliance processes with support provided as required by the national-level Environmental Officer and associated technical specialists.

8. Support to Corporate Social Responsibility (CSR) Programs

IUWASH understands that the private sector's increasing activism through Corporate Social Responsibility (CSR) programs provides an important opportunity for enhancing its involvement in water supply and sanitation sector development. Related to CSR programs, IUWASH views its role as threefold: (i) facilitating increased participation by the private sector in water supply and sanitation programming through awareness building; (ii) establishing linkages between private sector entities interested in CSR and appropriate local NGOs and community-based groups that are active in the sector; and (iii) serving as a technical resource to those local NGOs and community-based groups that may be selected to implement CSR programs in IUWASH target areas.

During the reporting period, a CSR program that IUWASH facilitated was initiated in North Sumatra. Funded by the Coca-Cola Foundation Indonesia (CCFI) and implemented by a local non-profit, JMK, the program is sponsored under the Coca-Cola Water Replenishment program and focuses on the Sibolangit spring area in North Sumatra, where JMK will install 800 infiltration ponds over a 12-month period with substantial participation by members of the local community. IUWASH will likewise maintain close involvement through the provision of technical assistance and monitoring services. Discussions for CCFI's support of a similar program in Modjokerto district of East Java have also advanced.

Other IUWASH CSR work during the quarter included:

- Held initial discussions with Kota Bekasi related to an assessment of current CSR programs;
- Worked with Bappeda staff in Kota Bogor and Kabupaten Serang to review possible areas of CSR support in the WatSan sector. Workshops between Pemda and private sector CSR managers are tentatively planned for the next Quarter. In Serang, the workshop will also assist in socializing a new LG Regulation (Perda) which promotes increased CSR programming.
- Supported the Bappenda of Kota Semarang in conducting a workshop between local government and private sector/CSR actors to introduce the work of the Water/Sanitation Working Group (Pokja AMPL), the City's sanitation programming goals, and the possible role of CSR programs in the sanitation sector.
- Gave a presentation to representatives of the Dow Chemical Company Foundation (DCCF) to explore possible collaboration.

In the coming Quarter, IUWASH will better define its overall approach to CSR; improve guidance and direction for program managers in this key area; and develop materials and presentations adapted for an audience of private sector CSR program managers.

9. Collaboration with Other Development Programs

To achieve success, the IUWASH team must work closely with a wide range of sector stakeholders. During this reporting period, collaboration with other agencies and programs continued to grow, especially in collaboration with the GOI through the Technical Team for Water and Sanitation (Tim Teknis) under the USAID Assistance Agreement with the Ministry of Public Welfare. At least four additional meetings with the Ministries of Public Works and Planning (Bappenas) have occurred since the initial agreement. Meetings with USAID Watsan partners were both informal and formal and focused on coordinating activities in Makassar, especially the Master Meter evaluation as well as general information sharing. Discussions with other donor agencies centered around technical exchanges (sludge management) and programmatic coordination (joined support for national workshops). Main coordination activities, according to major institutional grouping, include the following:

Collaboration with USAID Watsan Partners

- IUWASH hosted a meeting of USAID Watsan Partners (UNICEF, CCP-I, and Pacific Institute) in March (Jakarta) to exchange information under each program. All parties presented results and lessons learned from their programs;
- IUWASH conducted additional meetings with UNICEF and CARE to discuss their ongoing master meter program in Makassar, the issues faced with PDAM, and their collaboration on the master meter evaluation initiated by IUWASH;
- IUWASH and Pattirol (local partner of Pacific Institute) discussed the ongoing Water-SMS program in Makassar and ways to obtain more support of PDAM and/or PEMDA Makassar;
- Communication with ECO-Asia to support their close-out seminar of their water supply and sanitation program in Indonesia currently planned for 26th April.

Collaboration with GOI Ministries and Programs

- Conducted the first monthly meeting with the Bappenas Support Team to provide updates on the ongoing IUWASH programs activities and raise specific issues related to implementation. The meeting included updates on IUWASH raw water and climate change vulnerability assessments and programs with other GOI partners and donors agencies;
- Conducted two follow-up meetings with Ministry of Public Works / Wastewater officials to finalize the IUWASH participation for supporting the PPSP program in 11 locations, which included conducting joined training of the IUWASH staff involved during February 2012, in combination with USDP;
- Conducted three meetings with Ministry of Public Works / Waste Water department (PU/PLP) to discuss IUWASH support on introducing improved septage management systems, including agreement to further discuss the PU/PLP request for typical designs for Sludge Treatment Plants (IPLT);
- Conducted four meetings with Ministry of Public Works / Water Supply Department (PU/Air Minum) to discuss the NRW reduction program for DKI Jakarta as well as the upcoming Energy Efficiency workshop (planned for 11 April 2012) with participation also by ICED, the USAID financed Renewable Energy program.

Collaboration with Other Donor Agencies

- Participated in the Sanitation Donor Group (SDG) quarterly meeting held in February 2012;
- Met twice with MSMHP team in Makassar, to discuss details on IUWASH support to PEMDA Makassar in the implementation of comprehensive institutional strengthening and promotional program for a new sewerage program in Makassar;

- Conducted meetings with PAKLIM, a GiZ-supported climate change program to finalize concept proposal for water security & climate change adaptation program to be financed by the Indonesian Climate Change Trust Fund;
- Conducted three follow-up meetings with WSP to outline the joined program on improved septage management, which will include assessment in 10 cities, national workshop (planned for early October 2012) and guidelines on setting up business model for sludge management (by March 2013).

Collaboration with Private Sector and other institutions

- Supported contract between Coca-Cola Foundation Indonesia (CCFI) and JKM for construction of 800 infiltration ponds to improve aquifer recharge at the Sibolangit spring. Contract value is US\$ 225,000 and program will be implemented between February and November 2012. IUWASH will support all parties during implementation and monitoring. In addition to this program CCFI also requested IUWASH to identify a second location, preferably in East Java where a similar program can be implemented with same funding support by Coca Cola;
- IUWASH signed an MoU with BPPSPAM to support PDAM financing and good corporate governance and also agreed with PERPAMSI on MoU, to be signed on 11 April, during the National Energy workshop;
- Conducted several meetings with AETRA and Palyja (two private operators for Jakarta water supply) to support evaluation of main causes of high Non Revenue Water;
- IUWASH Chief of Party joined JEJARING AMPL, a network of organizations and government institutions working in the Indonesian WATSAN sector;
- IUWASH hosted an introductory meeting with DOW Chemicals and USAID, exploring possibilities for IUWASH supporting CSR program of DOW.

In the next reporting period, the IUWASH team will continue to develop and maintain strong relations with all relevant stakeholders at the national, regional and local levels.

Areas of particular interest include the increased relation with PU (both Waste Water and Water Supply Departments) on key programs related to sludge management (also with WSP), non revenue water reduction (with AETRA and Palyja), and energy efficiency (with ADB); discuss joint PAKLIM-IUWASH proposal for water-related climate change adaptation work to Bappenas; continuing support to the MOF in debt restructuring monitoring; support JMK and CCFI on implementation of infiltration ponds in North Sumatra and development of new proposal for Mojokerto, East-Java; collaborate with BPPSPAM on introduction PPP concepts to PDAMs and providing direct support on alternative financing models.

Section 4

REGIONAL HIGHLIGHTS & CLUSTER REPORTS

REGIONAL HIGHLIGHTS

Arriving half way into FY 2012, IUWASH activities at regional level are in a high speed mode. Activities at the community and district levels are focusing on achieving specific targets of IUWASH outcomes. Several component-based activities have been conducted this Quarter as follows:

- Support STBM program through several coordination meetings and STBM/triggering training and implementation of triggering activities at community level;
- Support several promotional activities such as tariff adjustment, micro credit program and city sewerage system through development of promotional materials and advocacy;
- Improvement of PDAM performance through several activities such as training for Dewan Pengawas PDAM, Customer Satisfaction Survey, Real Demand Survey, development of business plan, Energy Efficiency, GIS/MIS training, Public Private Partnership and Evaluation of Master Meter Program;
- Raw water vulnerability assessment and implementation of raw water protection and climate change adaptation program through construction of infiltration ponds;
- Support PPSP Program on development of White Book and SSK documents in 11 locations;
- Support the SLBM Program (*Sanitasi Lingkungan Berbasis Masyarakat*);
- Monitoring of debt restructuring program in collaboration with Ministry of Finance;
- Involve in Local Government budgeting and planning process in Forum SKPD to support the increasing LG budget for watsan sectors;



In addition, the last IUWASH launching event and signing of the Partnership Agreement (PA) was conducted in South Sulawesi Province during this Quarter. The event was conducted in Aryaduta Hotel Makassar on January 25, 2012, attended by the Governor Assistant and attended by six mayors of IUWASH cities, IUWASH National team, representatives from USAID Indonesia and Bappenas Technical Team.

A total of twelve launching and PA signing events were conducted in all IUWASH sites, at the province and city levels. Also, a total of 32 Partnership Agreements have been signed by the Mayors to support the implementation of IUWASH program activities at city/district level.

GRANT PROGRAM

During this Quarter, significant progress has been made in all IUWASH regions including establishing of the baselines of several IUWASH outcomes and the Grant Program. All Regional Teams completed the baseline activities for HR-1 (PDAM connection), IC-1 (PDAM Performance Index), EE-1 (Local Government budget and policy), EE-3 (amount of Increased Financial Resources) and EE-5 (Citizen Involvement in Local Government mechanism). The detailed results of this baseline are described in the Section 5 of this report (Project Monitoring and Evaluation).

Progress made under the Grant Program during this Quarter is as follows:

- The signing of two Grant Agreements in DKI Jakarta (Forkami and Mercy Corps);
- Three pre-application meetings conducted in North Sumatra and East Java. The proposals received from two RFAs in North Sumatra and East Java are in the process of evaluation, while one RFA in North Sumatra was cancelled due to evaluation results showing proposals not meeting the minimum evaluation criteria. The scope of work is now being revised to include recommendation of discussions with local stakeholders;
- Six scope of works under the Grant Program are in the process of development in Central Java (four grant programs) and in South Sulawesi and Eastern Indonesia (two grant programs).

Detailed progress of the Grant Program is also described in Section 3 (National Update).

HIGH LEVEL VISITS

The activities implemented at regional level during this Quarter also attracted high level officers of US Embassy and USAID Indonesia. During this Quarter, several high level visits to IUWASH activities were conducted as follows:

- Glenn Anders, USAID Mission Director, visited IUWASH activities in Kotaraja Dalam and Ardipura, Kota Jayapura on February 2, 2012. In Kotaraja Dalam, he visited the IUWASH collaborative program with PEMDa and PDAM on building new water reservoir and fixing the pressure release water tank to increase access of safe water supply for 60 household (300 people) in the area. This program also will be supported through the Corporate Social Responsibility (CSR) Program of Bank Mandiri. While in Ardipura, Mr. Anders also visited a joint IUWASH and PEMDA program to improve sanitation facilities for 100 households (500 people).



IUWASH MAKASSAR

High Level visits by USAID Mission Director, Glenn Anders to Kotaraja Dalam of Jayapura (left) and US Ambassador, Scot Marciel to Micro Credit Program in Kudus District (right).

- Scott Marciel , US Ambassador, visited Undaan Tengah village of Kudus District on February 22, 2012, to conduct a dialogue with two families who are the beneficiaries of a Micro Credit Program for Water Connections for low income households. IUWASH facilitated the collaborative program between PDAM Kudus and Bank Syariah Mandiri (BSM). A MoU has been signed between Tirta Makmur Cooperative (PDAM owned cooperative) and BSM on January 9, 2012. A series of promotional activities were conducted resulted in a total of 874 PDAM new connections in Kudus district by end of this reporting period. During his visit, the US Ambassador was accompanied by the Kudus Mayor, PDAM director and President Director of BSM to inaugurate the new connections.
- Ms. Aurelia Micko, Deputy Director of the USAID Environment Office, conducted a follow-up visit on March 22, 2012, to Kotaraja Dalam of Kota Jayapura to observe the progress of the activities in this site and spoke with the local stakeholder of this program.

In addition to the High level visits by US Ambassador and USAID Officers, a monitoring visit by GOI team was conducted in this Quarter, on March 28-30, 2012 by four staff from the Ministry of Social Welfare and one staff of the State Secretary. The team received updates of IUWASH in South Sulawesi/Eastern Indonesia region and visited two IUWASH activities in Kelurahan Walawalaya and Buloa of Kota Makassar. The team also participated in Gender Training for IUWASH staff.

CLUSTER REPORTS

This Regional section of the quarterly report presents the progress and achievements of the program at the regional and local levels, as well as plans for the forthcoming period. The updates on program activities are grouped under five themes, in line with the Work Plan. These themes are:

- 1) Behavior Change Communication/STBM Support;
- 2) Urban Water Supply;
- 3) Urban Sanitation Supply;
- 4) Governance and
- 5) Municipal Finance.

This is followed by a brief summary report for each local area project “Cluster” in the form of an easy-to-read factsheet, presented by city. Only the cluster reports in Banten (Kab Serang and Lebak) and Jayapura (Kota and Kab) are still a combination of both cities because of the close connections. IUWASH East Java did not yet provide cluster report for Kota Surabaya because we are still in discussing with the PDAM and PEMDA to identify their priority programs. Each Cluster report provides general information on the city, component-based activities conducted during this Quarter, including Grant Program and other highlight, issues related to partner coordination, and plans for the next quarter. This type of report will make tracking the progress of program activities easier and can also be used more readily by IUWASH regional offices for reporting to their local government partners. As these are initial reports, IUWASH will continue to refine and improve upon them to ensure that they have the greatest benefit possible.



Summary of City / District Profiles for North Sumatra Region



Medan city:

- **Population:** 2,121,053 people.
- **Water Supply Challenge:** Scarcity of raw water source and needs long-term finance to expand people's access to improved water supply
- **Sanitation Challenge:** Low service coverage of city sewerage system and needs to improve city sanitation strategic plans
- **IUWASH Approach:** Support PDAM to seek long-term finance and water for the poor program, expand the coverage of city sewerage, and support review of city sanitation plan.

Binjai city:

- **Population:** 246,010 people.
- **Water Supply Challenge:** PDAM has low service coverage (22,2% of the total population) & low Full Cost Recovery (FCR) at 56,7 %.
- **Sanitation Challenge:** No city sanitation strategic plans & priority from Local Government to improve sanitation conditions
- **IUWASH Approach:** Support PDAM to review tariff, develop business plan & debt restructuring plans. Also support Sanitation Working Group to develop city sanitation plan.

Langkat district (*):

- **Population:** 966.133 people.
- **Water Supply Challenge:** PDAM has low service coverage.
- **IUWASH Approach:** Support PDAM Tirta Wampu with micro credit program to improve people's access to improved water supply.



Pematang Siantar city:

- **Population:** 234,855 people.
- **Water Supply Challenge:** PDAM coverage area is 76,6% and has the opportunity to expand new connection for 7,500 households.
- **Sanitation Challenge:** No city sanitation strategic plan & city sewerage system.
- **IUWASH Approach:** Support PDAM to improve technical; management and finance performance; develop micro credit program; and support Sanitation Working Group to develop city sanitation strategic plan.

Tanjungbalai city:

- **Population:** 159,932 people.
- **Water Supply Challenge:** PDAM coverage area is 51.3% and needs new raw water source (the production capacity is only 2,5l/sec).
- **Sanitation Challenge:** No city sanitation strategic plan & city sewerage system.
- **IUWASH Approach:** Support PDAM to improve technical, management and finance performance; develop micro credit program, seek other financing support for sanitation program, and support Sanitation Working Group to develop city sanitation strategic plan.

Pematang Siantar city:

- **Population:** 145,180 people.
- **Water Supply Challenge:** PDAM coverage area is 30,6% and has idle capacity for 1,870 new connections.
- **Sanitation Challenge:** Limited program to promote open defecation free program.
- **IUWASH Approach:** Support PDAM to develop DED, business plan, long-term finance and support Local Government to promote STBM and implement city sanitation strategic plan.

Section 4.1

NORTH SUMATRA

Summary

The province of North Sumatra stretches across the island of Sumatra between the Indian Ocean and the Strait of Malacca. It borders Aceh province to the northwest and Riau and West Sumatra provinces to the southeast. It has an area of 70,787 km² and, with a population of 12,982,204 (BPS 2010), it is the most populous province outside Java. IUWASH began working in North Sumatra in May 2011, meeting with a wide range of provincial and local government leaders, conducting numerous municipal-level assessments of water supply and sanitation conditions, and importantly, gauging the extent of local government commitment to address sector deficiencies. These assessments led to the selection of following six municipalities as IUWASH target areas beginning in PY1 and PY2: cities of Medan, Binjai, Tebing Tinggi, Pematang Siantar and Tanjung Balai, and the district of Langkat.



IUWASH MEDAN

Comparative study group with Director/
Staffs PDAM Sukabumi at Batu Karut Spring,
Sukabumi, 2nd February 2012.

In this Quarter, IUWASH started the “Replenish Raw Water Resource into Nature as Climate Change Adaptation Measure” program, funded by Coca Cola Foundation and implemented by the local NGO, JKM (Jaringan Kesehatan / Kesejahteraan Masyarakat). This Program is multifunction, because it not only will increase the quantity of the water source for PDAM Tirtanadi Medan, but also for the swallow well of community surrounding the project site. Another benefit of the program is a reduction of occurrence of flooding in Medan City.

Activities for this program include: community mobilization, construction of 800 infiltration ponds combined with conservation education on raw water protection and behavioral change campaigns. The high commitment from PDAM Tirtanadi Medan assures the sustainability of this program.

From February 1-3, 2012, IUWASH supported the Comparative Study to Sukabumi for twenty four participants from various institutions including IUWASH (National and Regional staff) and seventeen participants from PDAM (Medan and Pematang Siantar), PEMDA (Deli Serdang and Pematang Siantar), JKM and Sibolangit Community. During this trip, participants visited successful infiltration ponds in Sukabumi and Bandung constructed and maintained by PDAM and the local community. Results of the study were very positive including a warm welcome and full support from Mayor and Management PDAM Kota Sukabumi.

To support improved monitoring of important springs in North Sumatra, IUWASH will provide nine water meters that will be installed at the key spring discharge locations for the PDAMs of Medan and Pematang Siantar. On March 1, 2012, the three-party agreement was formally signed between IUWASH, CCFI and JKM to ensure the success of the program implementation. Activities at field level included program socialization to the Sibolangit

communities of surrounding five of the project site and establishment of Community-Based Organizations (CBOs) that will be responsible for the construction of infiltration ponds. The locations and coordinates for first 400 infiltration pond have been identified. Construction of first 150 infiltration ponds will start to be constructed in March 2012.



IJWASH MEDAN

Asep Mulyana (IJWASH specialist) explained and discussed about infiltration ponds to the group.

In Pematang Siantar, the Infiltration Pond program attracted high interest from PDAM and PEMDA, due to the fact that in the past years, the amount of water of the Nagahuta spring main water source has decreased by 40% from the normal amount, which is especially effected during the dry season. As a response, IJWASH agreed to support the construction of 50 units of infiltration pond for this year as a model, with the expectation that PEMDA and/or other donors will replicate this example to ensure increased sustainability of water source of PDAM. During the next quarter, IJWASH will conduct a full vulnerability assessment of climate change impact for PDAM Pematang Siantar, in association with PDAM Tirtanadi Medan.

Activities Conducted

The following list is a summary of the main activities conducted by the IJWASH North Sumatra team during this reporting quarter, divided over the five main IJWASH themes:

1. Behavior Change Communication and STBM Support

- Supported the development of “City Sanitation Strategy” in Pematang Siantar and Binjai through with a kick-off on the development of CSS among the stakeholders;
- Finalized the first SoW for the grant “Community Base Sludge Removal Management” in Belawan, Medan. This was developed after a non-successful tender due to proposals not meeting the minimal evaluation criteria. The program was re-evaluated and adjustments to SoW are in process;
- Conducted a pre-application meeting and site visit for the grant “MCK Optimalization for Tebing Tinggi and Tanjung Balai”. This activity was attended by 28 participants (Local NGOs);
- Supported the tariff adjustment of PDAM Tebing Tinggi through the development of materials to socialize the adjustment. The materials included leaflets and radio broadcasting which were disseminated by PDAM staff to pertinent customers;
- Supported improvements in transparency, accountability, and participation of PDAM Binjai;
- Conducted a workshop in Kota Tebing Tinggi to review results of a water quality survey coordinated with the IJWASH urban water specialist;
- Supported Pemko Medan in launching an initiation event of promotional campaigns for sewerage connection.

2. Urban Water Supply

- Conducted a survey of individual well water quality and socialized results to Bappeda, PDAM Binjai, Dinas Kesehatan, Kecamatan, Kelurahan, and community

groups in Tebing Tinggi and Binjai. The purpose of the survey was to demonstrate the real water quality from the individual wells to the community. This is first step in encouraging the community to use water from PDAM in the future;

- Conducted socialization events regarding climate change adaptation and spring improvement for Nagahuta springs. Construction of an infiltration well was publicized to PDAMs, Bappeda and Dinas Pematang Siantar communicated through a success story. IUWASH agreed to support PDAM through the construction of 50 infiltration ponds in catchment area of PDAM TirtaUli Pematang siantar;
- Completed SoW for “Raw Water Study for Deli Watershed” at PDAM Tirtanadi intake in Martubung area of Medan, and conducted pre-bid meeting on March 16, followed by submission of proposals on March 26, 2012;
- Completed SoW for the construction of infiltration ponds in Pematang Siantar, approved by USAID and tendered in March.
- Completed discussions with Ministry of Public Works, Jakarta regarding optimalization of water treatment plants of PDAM Tanjung Balai to be followed by discussions with PEMDA Alpha Tanjung Balai;
- Conducted FGD with PEMDA Medan and Community Groups in Medan Denai regarding planning of optimalization and development of water supply system for low income community;
- Started on-the-job training of drawing of transmission and distribution network for PDAM Tebing Tinggi and Pematang Siantar;
- Conducted on-the-job training on basic operation and maintenance of water supply system for PDAM Kota Tanjung Balai;
- Conducted workshop to exchange information amongst PDAM and PEMDA, supported by the Governance Specialist.

3. Urban Sanitation

- Completed revised SoW for the grant “Belawan- Septage Management” as an improvement of previous the SoW developed for this program. The pre-application process was implemented during this Quarter;
- Began the Detail Engineering Design (DED) of IPAL Communal for Tebing Tinggi with expected completion in May 2012. A preliminary report has been submitted. PEMDA Tebing Tinggi committed to carry out construction after the DED is completed;
- Conducted preparation workshop on Integrated Workplan of IUWASH Technical Assistance concerning the development of Sanitation White Book and citywide Strategy for Kota Pematang Siantar and Binjai;
- Conducted discussion with Bappeda and Dinas Tarukim on the updating of Sanitation White Book and Citywide Strategy with Pemko Medan, Tebing Tinggi and Tanjungbalai;
- Conduct coordination meeting with Direktorat PLP, Dirjen Cipta Karya regarding support of Central Government to the sanitation programs in Kota Medan, Tebing Tinggi and Tanjung Balai. Ministry of Public Works director will visit Medan on March 28th;
- Conducted field assessment on Septic Tank Communal Pilot Project under the Grant Program in Tebing Tinggi.

4. Governance

- Conducted data collection from PDAM and PEMDA for state of sector briefing document for Kota Pematang Siantar;
- Support advocacy and training on preparation of Renja SKPD to increase the APBD budget of sanitation and water supply sector. This activity involved Dinas Tarukim of Kota Pematang Siantar;
- Conducted on-the-job training of preparation of draft Naskah Akedemis to support the development of Rancangan Perda of IPAL Communal in Tebing Tinggi;

- Conduct advocacy to Bappeda of Kota Binjai and provided recommendations to increase budget for PPSP program implementation in APBD Kota Binjai for Year 2012;
- Conducted coordination meeting with Bappeda to support Musrenbang at several levels (Kelurahan, Kecamatan and Kota/RKPD) and Forum SKPD. The meeting was attended by eighteen participants including Kepala Bappeda and all Regional Planning staff in Pematang Siantar;
- Conducted on-the-job training for core team members of Regional Planning Team to support Forum SKPD and Musrenbang RKPD in Pematang Siantar;
- Consulted the core team members of Bappeda Pematang Siantar on the process and results of implementation of Musrenbang Kecamatan;
- Conduct a workshop on increasing capacity of PDAM Dewan Pengawas for all PDAM partners of North Sumatra.

5. Municipal Finance

- Conduct discussion with PDAM Tirta Wampu and Bank Syariah mandiri (BSM) Stabat kab. Langkat on preparation of pre MoU of Micro Credit Program;
- Completed APBD and PDAM Index for all city partners;
- Monitored debt restructuring compliance for 4 PDAMs including PDAM Sibolga (non-IUWASH city);
- Supported PDAM Tebing Tinggi on implementation of tariff adjustment. IUWASH helped to publishing brochure and advertising through media radio;
- Conducted Kick off meeting/workshop “Strategi Implementasi Sistem Informasi dan Sistem komputerisasi Akuntansi (SISKA)” for 6 PDAM and supported the implementation of the development of integrated accounting and billing software for the PDAMs;
- Continued to identify project/investment needs and opportunities to increase watsan access.

Upcoming Events

| Event Title | Date | Type of Event | Venue |
|---|-------------|----------------------|---|
| Workshop on policy-making related to communal sewerage services | June 2012 | Workshop | Tebing tinggi |
| Training Buku Putih and city sanitation strategy | April 2012 | Training | <ul style="list-style-type: none"> • Binjai • Pematang Siantar |
| Socialization program for optimization of MCK (grant) | May 2012 | Workshop | <ul style="list-style-type: none"> • Tebing tinggi • Tanjung balai |
| Visioning workshop for local Government | April 2012 | Workshop | <ul style="list-style-type: none"> • Medan • Binjai • Tebing tinggi • Pematang siantar • Tanjung balai |
| Training Micro credit for PDAM staffs | April 2012 | Training | <ul style="list-style-type: none"> • Langkat District |
| Training SISKA | May 2012 | Training | <ul style="list-style-type: none"> • Binjai • Tebing tinggi • Pematang siantar • Tanjung balai |
| Pre application meeting for construction of 50 infiltration ponds | April 2012 | Workshop | <ul style="list-style-type: none"> • Pematang siantar |

Cluster Report

IUWASH understands that the key to achieving its targets lies in the successful implementation of activities at the local level. In order to better describe and track the

project's activities and progress in each target location, IUWASH has developed cluster reports (one page each per city), which were introduced in the previous quarterly reports. In addition to improving project management, they are designed to better share information with the project's many local stakeholders as well as national government partners, donor organizations and other interested parties. This report can also be used as an easy tool to track program achievement per city. The following pages present the six cluster reports for the North Sumatra Region, namely:

- Medan City
- Binjai City
- Tebing Tinggi City
- Pematang Siantar City
- Tanjung Balai City
- Langkat District

NORTH SUMATRA, Medan City

Summary

The City of Medan has been very successful in expanding drinking water access in the last three years to reach more than 35,000 poor people. With a total population of 2,121,053, PDAM Tirtanadi had an opportunity to utilize its idle capacity. However, the current scarcity of raw water supply is a big problem for the PDAM which requires strong advocacy and technical support to obtain long-term finance from the central government in order to solve the raw water problem. In the sanitation sector, around 4% of the area will be served by an offsite sewerage system. MSMHP (ADB) will support the network extension and a sewerage plant system targeting 13,250 new household connections. IUWASH has been asked to support PDAM with marketing / promotion campaigns. Dinas Perkim still supports on-site systems for poor communities.

Activities

Component I

- Finalized PO SoW for the baseline survey of water, sanitation, and hygiene practice
- Collaborated with High Five program to conduct journalist and college student workshop about CLTS (Community Led Total Sanitation) as part of the world water day celebration;
- Supported Pemko Kota Medan on promotion of sewerage system.

Component II

- Conducted technical meeting with Bappeda, Tim Pokja Sanitasi and PDAM Tirtanadi to discuss plan of IPLT development;
- Conducted tender process for PO raw water study of Deli River;
- Supported Dinas Perkim, Tirtanadi & representative CBO Belawan regarding trouble at distribution system Belawan;
- Conducted FGD with Pemko and community groups of Medan Denai on planning of water supply system for low income communities.

Component III

- Conducted workshop “Strategi Implementasi Sistem Informasi dan Sistem komputerisasi Akuntansi (SISKKA) for PDAM ;
- Conduct capacity building workshop for PDAM Dewan Pengawas.

Grant Program

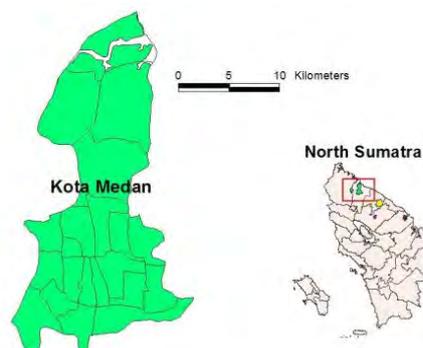
- Completed new SoW for Belawan - Septage Management.

Other Highlights

- Signed three partied agreement between IUWASH, CCFI and JKM for the Sibolangit infiltration ponds project in Jakarta;
- Conducted gender training for IUWASH Medan team.

Plan for Next Quarter Program:

- Conduct promotion campaign for sewerage system;
- Continue construction of Sibolangit infiltration ponds;
- Implementation of Grant Belawan - Septage Management;
- Assist local government to access co-funding from private sector (CSR);
- Support development of capacity building module for advocacy, media and customer relations for PDAMs.



Pre application meeting for Sudge Management Belawan Grant.

Partners Coordination:

IUWASH has coordinated with local government and others :

- Bappeda , Dinas Perkim ,Dinas Tarukim
- PDAM Tirtanadi
- Royal Haskoning MSMHP
- Hi-FIVE
- JKM
- CCFI

NORTH SUMATERA, Tebing Tinggi City

Summary

PDAM Kota Tebing Tinggi serves 30.6 % of the total population of 145,180 people and still has idle capacity for new connections. Support was requested for development of DED, business plan, advocacy to obtain long-term financing, and capacity building to enhance the efficiency of water management. In sanitation, the government has achieved solid performance since Pokja Sanitasi has been established and White Book and CSS plans have been produced. Also, eleven units of MCK and communal IPAL have already been created under the Sanimas program. Although there have been significant achievements, this sector still needs to enhance the promotion of the STBM program as part of the CSS plan and attain support to promote larger communal septic tanks along the river and improved sludge treatment system.



Activities

Component I

- Supported PDAM for tariff adjustment through development of socialization materials for media.

Component II

- Supported PEMDA in development of Detail Engineering Design of Communal Sewerage System;
- Conducted survey of individual well water quality and real demand survey of PDAM customers (10 kelurahan);
- Conduct on the job training on drawing of transmission and distribution network for PDAM;

Component III

- Continued debt restructuring monitoring activities;
- Conduct on the job training training concerning preparation of draft Naskah Akademis and Rancangan Perda of IPAL Communal;
- Implemented PO for the development of integrated accounting and billing software for PDAM.

Grant Program :

- Conducted pre-application meeting and site visit for the on “Optimized Public Toilet and Installation of Waste Water Treatment” grant program.

Other Highlights :

- PEMDA will carry out the construction of communal sewerage system after DED completed by IUWASH.



Site visit – Pre application meeting
PO DED IPAL Communal.



Site visit – Pre application meeting
Optimalisasi MCK.

Plan for Next Quarter Program:

- Promotional campaign for communal sewerage system for people residing along river;
- Assist local government to access co-funding from private sector (CSR);
- Support PDAM through technical assistance of reduction of NRW;
- Conduct FGD for sanitation marketing assessment;
- Conduct Serial discussion with policy makers (Walikota, DPRD, PDAM).

Partners Coordination:

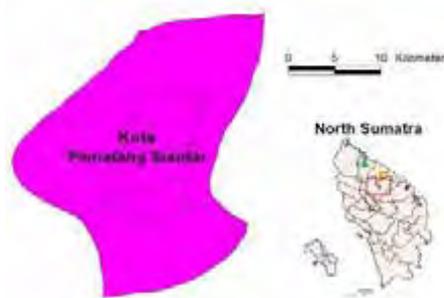
IUWASH has regular coordination with local government and others :

- Bappeda
- Dinas PU
- Dinas kesehatan
- Emisi Consultant
- Media Radio

NORTH SUMATERA, Pematang Siantar City

Summary

The city of Pematang Siantar is the second largest city in North Sumatra, with a total population of 250,00 people and PDAM coverage of 76.4%. PDAM still has idle capacity for 7,500 new connections. Pemda has ambitions to develop city a sewerage system and to inspire other regional governments around Lake Toba to improve environmental conditions of this major asset. However, a Pokja AMPL has not been established yet to prepare the PPSP programs supported by the central government. This creates an opportunity for IUWASH to support development of a City Sanitation Strategy, including promotion of STBM program to be implemented by Pemda in priority locations.



Activities

Component

- Supported the development of “City Sanitation Strategy” through a kick off meeting for development of CSS among the stakeholders.

Component II

- Completed SoW for construction of infiltration ponds at Nagahuta Spring area and conducted the pre-application meeting;
- Conducted a meeting with PEMDA to discuss PPSP program on development of Buku Putih and SSK documents and visioning of IPLT Management;
- Prepared workshop for the integrated workplan of IUWASH technical assistant concerning preparation Buku Putih, SSK in PPSP Program and RPIJM.

Component III

- Conducted Advocacy and Training Preparation of Renja SKPD in relation with increasing sanitation and water APBD budget;
- Implemented PO for the development of integrated accounting and billing software for PDAM;
- Provided on the job training to the core regional planning team about preparation Forum SKPD and Musrenbang RKP (4 Participants : Kabid Ekonomi and all Staff).

Other Highlights :

- The Mayor strongly supported the IUWASH program and instructed the staff to take advantage of IUWASH support.



Meeting with ketua Bappeda and related staffs.



Briefing by Walikota Pematang Siantar on kick of meeting PPSP Program.

Plan for Next Quarter Program:

- Support CSOs and/or government cadres in implementing promotional programs;
- Support PDAM in tariff adjustment assistance;
- Technical assistance of reduction of NRW;
- Review operation of existing IPLT as starting point to improve sludge collection and treatment;
- Host discussions with policy makers (Walikota, DPRD, PDAM) on solutions to achieve MDG.

Partners Coordination: IUWASH has coordinated with local government and others :

- Bappeda
- Dinas PU
- Dinas Kesehatan
- PDAM Tirta Uli
- Dinas Lingkungan hidup

NORTH SUMATERA, Binjai City

Summary

Servicing only 22.2% of a total population of 246,010, the city of Binjai has a low rate of service coverage from the PDAM and will need significant improvement of PDAM operation. With a low rate of cost recovery (56.7%), it requires support of business planning and debt restructuring, as well as the establishment of 7,500 new connections. In order to support efforts for improvement of PDAM, the Mayor appointed a Director in January 2012.

Since urban sanitation has not been a priority for Pemda, it has not created a Pokja nor a City Sanitation Strategy. The Mayor has requested IUWASH to support the local government to develop both of these as soon as possible.

Activities

Component I

- Supported the development of “City Sanitation Strategy” through a kick off meeting for development of CSS among the stakeholders;
- Conducted a workshop to reveal the result of the water quality survey, which showed much higher values for manganese, iron and fecal contamination than WHO standards. Results will encourage the community to be aware to the poor quality of the water in their shallow wells.

Component II

- Prepared workshop for the integrated workplan of IUWASH technical assistance to support Buku Putih, SSK in PPSP Program and RPIJM Kota Binjai;
- Discussed IUWASH Programs and Planning with PDAM to increase the production capacity through PPP.

Component III :

- Conducted workshop “Strategi Implementasi Sistem Informasi dan Sistem komputerisasi Akuntansi (SSKA)” for PDAM and implemented the integrated accounting and billing system;
- Completed APBD and PDAM Index.

Grant Program:

- Conducted a field assessment regarding the proposed Septic Tank Communal Pilot Project.

Other Highlights :

- In Januari 2012, the Mayor appointed new PDAM director. It is expected that performance of PDAM will be improved.

Plan for Next Quarter Program:

- Support PDAM by optimization distribution network;
- Support development of White Book and City Sanitation Strategy;
- Identify project/investment opportunities to increase watsan access;
- Support PDAM for organization re-structuring and staff utilization;
- Review operations of existing IPLT as starting point to improve sludge collection and treatment.



BCC and Urban Water specialist join on workshop water quality.

Partners Coordination:

IUWASH has coordinated with local government and others :

- Bappeda
- Dinas Kesehatan
- PDAM Tirta Sari
- Communities
- Dinas PU

NORTH SUMATERA, Tanjung Balai City

Summary

The coverage rate in the city of Tanjung Balai is 51.3% of a total of 159,932 people. The need for additional new water resources is evident in the fact that PDAM Tirta Kualo has a new connection waiting list consisting of more than 3,000 and only has 2.5 liters/second idle capacity.

The Sanitation Working Group has not yet been established but the White Book, CSS plan, Project Memorandum, Business Plan, Master Plan, and DED have all been drafted, although revisions need to be made to be included in the national PPSP program. Promotion of STBM programs is ongoing but still needs continued support.



Activities

Component I

- Arranged pre-application meeting for STBM / MCK grant preparation, including field visits and pre-evaluation. Nine applicants qualified to submit proposals.

Component II

- Discussed finalization of WTP PDAM Tanjung Balai with Dit Jen Cipta Karya and Satker Air Minum of Dinas Tarukim North Sumatera Province;
- Conducted field assessment of proposed Septic Tank Communal Pilot Project;
- Conduct on the job training of Basic Operation and Maintenance of Water Supply System.

Component III

- Implemented integrated accounting and billing software for PDAM;
- Completed APBD and PDAM Index;
- Conducted survey of the state of sector briefing document kota Tanjung Balai on Dinas PU, PDAM.

Grant Program

- Conduct pre application meeting and site visit for the “Optimized Public Toilet and Facility of Waste Water Treatment” Grant.



Site visit pre-application meeting
Optimalization MCK & IPAL.

Plan for Next Quarter Program:

- Annual survey of sanitation improvement and willingness to pay;
- Conduct promotional campaign for communal sewerage system for people residing along river;
- Review operation of existing IPLT as starting point to improve sludge collection and treatment;
- Support PDAM to increase production and distribution capacity;
- Conduct discussion with policy makers (Walikota, DPRD, PDAM).

Partners Coordination:

IUWASH has coordinated with local government and others:

- Bappeda
- Dinas PU
- NGOs
- PDAM Tirta Kualo
- Satker PLP dan Air Minum Tarukim

NORTH SUMATERA, Langkat District

Summary

Langkat District, whose capital city is Stabat, consists of 23 sub-district with an area of 6272 km² and a population of 1.080.000 (2010). 15 of 23 sub-districts in Langkat receive water supply services through 13 service units under the management of PDAM.

Service coverage for water supply in Langkat is relatively low servicing only 10.3 % of the population. Based on the existing water production data, the PDAM has an idle capacity of 45 liters / second, which is enough to connect an additional 3,500 households or 17,000 people. The main problem that has been identified is low capacity of households to pay the connection fee up-front. As a response, IUWASH support will focus this year on developing a micro-credit program with PDAM Tirta Wampu. Supporting to the PDAM will expand service coverage to reach more low-income people.

During the next round of assessment, IUWASH will discuss with PEMDA Langkat the requirements to receive support on STBM and urban sanitation programs.

Activities

Component 3

- Discussed draft MoU with PDAM Tirta Wampu and bank Syariah Mandiri (BSM) Stabat Kab. Langkat;
- Conducted discussion with all PDAM Tirta Wampu staff on follow up results of area Micro Credit to Sei Canggung . The results have been more promising than those earlier proposed by the Brandan branch;
- Prepared exposure visit of PDAM and Kooperasi staff to Kudus to see successful micro credit program implemented with BSM.

Other Highlights :

- PDAM Tirta Wampu has completed the workshop “Strategi Implementasi Sistem Informasi dan Sistem komputerisasi Akuntansi (SISKAS)”.

Plan for Next Quarter Program:

- Facilitate signing of MoU with Bank Syariah Mandiri;
- Conduct comparative study of Kudus Central Java;
- Further assess needs and conduct capacity building activities for PDAM staff.



Meeting preparation of MOU between IUWASH, PDAM and Bank Syariah Mandiri.

Partners Coordination:

- PDAM Tirta Wampu Langkat
- Bank Syariah Mandiri .



Summary of City / District Profiles for West Java – Banten – Jakarta Region



Tangerang district:

- **Population:** 2,508,967 people.
- **Water Supply Challenge:** PDAM service coverage is only 6.1% & experience shortage of raw water sources.
- **Sanitation Challenge:** No city sanitation strategic plan & integrated city sewerage system.
- **IUWASH Approach:** Support PDAM to conduct studies on raw water protection and PDAM regionalization with Lebak district, support Sanitation Working Group to develop city sanitation plan and promote micro credit program.

Bekasi city:

- **Population:** 2,327,705 people.
- **Water Supply Challenge:** PDAM service coverage is only 23% & has not reached Full Cost Recovery yet.
- **Sanitation Challenge:** No city sewerage system.
- **IUWASH Approach:** Support PDAM to conduct raw water protection study, to expand service coverage and to support the promotion of STBM.

Bogor city:

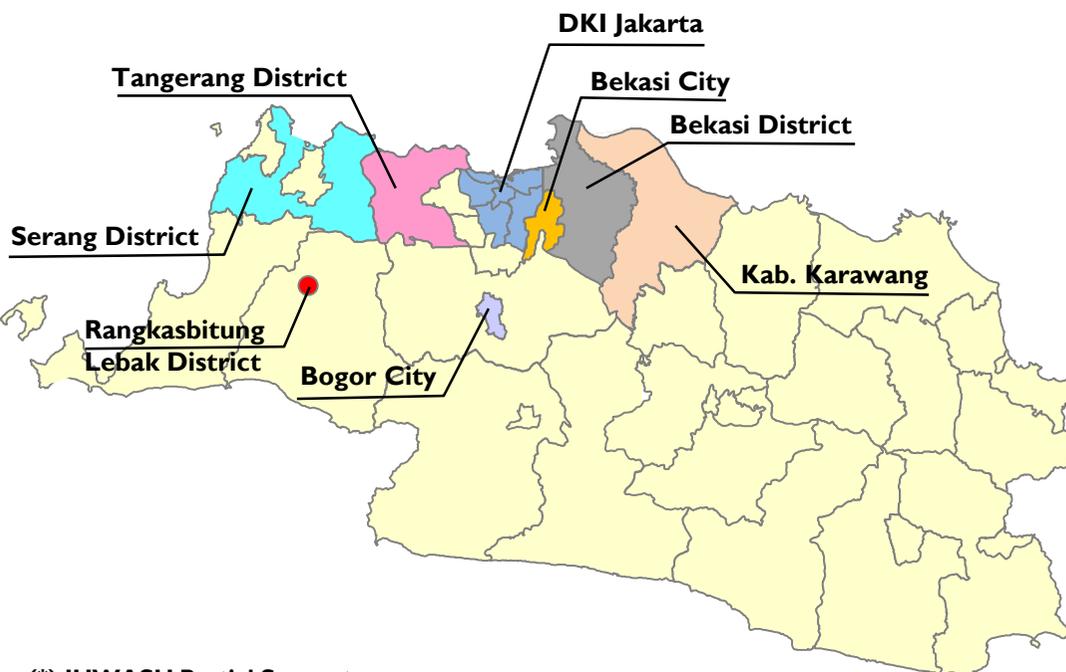
- **Population:** 949,066 people.
- **Water Supply Challenge:** High Non-Renewable Water (NRW) rate (37%) but has high production capacity (1408 l/sec).
- **Sanitation Challenge:** No city sewerage system and actively promote total community-led sanitation program.
- **IUWASH Approach:** Support PDAM to expand services through Public-Private Partnership (PPP), micro credit program, optimize Wastewater Treatment Plant, and pilot septage management.

Kab. Bekasi (*):

- **Population:** 2,193,774 people.
- **Water Supply Challenge:** PDAM service coverage is only 6% but has high production capacity (2,020 l/sec).
- **Sanitation Challenge:** No city sanitation strategic plan.
- **IUWASH Approach:** Support Local Government to establish Sanitation Working Group, develop city-wide sanitation strategic plan, and develop several community-based sanitation facilities funded by government's funds.

Serang district:

- **Population:** 1,405,228 people.
- **Water Supply Challenge:** PDAM service coverage is only 11% & need to optimize idle capacities.
- **Sanitation Challenge:** No city sewerage system and only 38% of households have improved individual toilet.
- **IUWASH Approach:** Support PDAM to reduce idle capacity, NRW reduction and implement PPP. For sanitation sector, IUWASH supports Sanitation Working Group to implement city-wide sanitation strategic plan and promote STBM.



(* IUWASH Partial Support)

DKI Jakarta:

- **Population:** 9,588,198 people.
- **Water Supply Challenge:** High rate of NRW, poor water supply in slum areas.
- **Sanitation Challenge:** Poor sanitation condition in slum areas.
- **IUWASH Approach:** Promote micro credit program, develop community-based sanitation system.

Rangkasbitung city, Lebak district (*):

- **Population:** 112,730 people.
- **Water Supply Challenge:** PDAM service coverage is only 7.8% and high NRW rate at 44%.
- **IUWASH Approach:** Support PDAM to expand the connection through PPP and promote micro credit program.

Section 4.2

WEST JAVA/DKI JAKARTA/BANTEN

Summary

This IUWASH region comprises of West Java, DKI Jakarta and Banten provinces with a total population of more than 63 million people, nearly 25% of Indonesia's population. Despite its large population, this region only covers an area of 44,600 km square, or 2.3% of Indonesia's surface

area. In the region, about six million people are classified as poor, with 5.49% of them residing in DKI Jakarta, 12.95% in Banten and by far the biggest share, 81.56% in West Java. Following the initial assessment and site selection in PYI, IUWASH is working in 8 municipalities. These include the cities of Bekasi and Bogor, the districts of Bekasi, Karawang, Lebak, Serang and Tangerang and the Special Capital Region (DKI) of Jakarta (see Regional Map for further information).



Starting in PYI, IUWASH has assisted the above cities and districts in developing a list of program priorities in order to overcome challenges in the urban water and sanitation sectors. Partnership agreements signed by the head of the districts and cities and IUWASH marked both parties' commitment toward improving water supply and sanitation services for the people in urban and peri-urban areas in the eight cities.

In order to overcome the challenging issues, IUWASH has worked with local governments and service providers (in this case PDAMs, government offices and UPTD/PD) to strengthen institutional and financial capacity as well as developing innovative projects with local government to help increase the impact of the program. Some key activities conducted in this quarter included:

- Assisted PDAM Kab. Tangerang and PDAM Kab. Karawang to implement customer satisfaction surveys as part of PDAM corporate plan development;
- Conducted STBM training series with Dinas Kesehatan for sanitarians, community cadres and leaders in Kota Bogor and Kab. Tangerang;
- Organized and provided GIS training for PDAM Kota Bogor and PDAM Bekasi, plus cross visit to PDAM Kab. Bandung to learn about Geographical/Management Information Systems.

Regional Highlight

In this quarter, this IUWASH region focused its activities on the following five themes:

1) Behavior Change Communication/STBM Support

IUWASH continues with ongoing activities from the previous quarter, such as facilitating STBM training for sanitarians, community cadres and leaders working together with Dinas Kesehatan and Bappeda. The following are some key activities conducted in this quarter:

- Conducted STBM training for 47 government staffs, sanitarians, community cadres and leaders in Kota Bogor and Kab. Tangerang followed with baseline data collection in eight villages on health/hygiene conditions and watsan access prior to implementing STBM triggering process;
- Conducted discussion with Bappeda of Kota Bogor and Kab. Serang and private companies for potential collaboration through CSR scheme on water supply and sanitation sectors;
- Conducted site assessment and observation for an innovative community-based sanitation program (1) in Kab. Bekasi with Bappeda and REI, (2) in Kab. Karawang with Dinas Cipta Karya for existing, ongoing and upcoming Sanimas projects, (3) in Kab. Tangerang with PDAM, DPD Perpamsi and WaterNet for pilot wat-san packaging project, (4) in Jakarta with Satker PLP Jabodetabek and (5) in Kab. Serang with Bappeda, Dinas Kesehatan and developers for existing Sanimas systems plus new low cost housing areas in Binuang, Ciruang.

- Completed DED/BOQ for three small sewerage systems in three low cost housing areas in Kab. Bekasi and prepared procurement process developing DED/BOQ for community-based sanitation project in Kab. Serang and Kab. Tangerang;
- Supported Bappeda with a new initiative by Satker PLP of Banten Province to construct 10-15 small scale sewerage system serving 800 households in Kec. Kronjo of Kab. Tangerang;
- Conducted socialization meeting for CBS program in Adiarsa village of Kab. Karawang and in Margasana village of Kab. Serang followed with participatory topography mapping;
- Collaborated with Dinas Kesehatan of Kota Bekasi in conducting STBM workshop and launching event to local government offices, kecamatan and kelurahan.



HAROD R. NOVANDI

STBM training of trainers conducted from January 17-20, 2012, participated by 24 people from Dinas Kesehatan staffs, Puskesmas sanitarians, community cadres and leaders of Kota Bogor and facilitated by MOH, Dinas Kesehatan of West Java Province and Dinas Kesehatan of Kab. Bogor.

2) Urban Water Supply

IUWASH works with six PDAMs in the cities of Bogor and Bekasi and districts of Karawang, Tangerang, Serang and Lebak. Following are some key activities conducted in this quarter:

- Facilitated and conducted GIS/MIS followed with a comparative study of PDAM Tirta Raharja Kab. Bandung for PDAM Tirta Pakuan Kota Bogor and PDAM Tirta Patriot Kota Bekasi. IUWASH just completed the procurement administration process to hire a consultant to develop software GIS/MIS interface billing system for PDAM Tirta Pakuan Kota Bogor;
- Conducted a customer satisfaction survey for PDAM Tirta Tarum Kab. Karawang and PDAM Tirta Al-Bantani Kab. Serang followed with a training for data entry and analysis as part of IUWASH support for PDAM corporate plan development;
- Completed an evaluation survey for two master meter systems in Jembatan Besi and Penjaringan (DKI Jakarta);
- Completed a real demand survey and technical and financial analysis in developing feasibility study for PDAM Tirta Kerta Raharja new service area in Cihuni, Kab. Tangerang;
- Conducted a raw water assessment in Kec. Pamarayan, Kec. Kramat Watu and Kec. Padarincang with PDAM Tirta Al-Bantani Kab. Serang;
- As requested by Ministry of Public Work, IUWASH met with PAM Jaya, Palyja and Aetra to prepare a SOW to review their NRW program and provide recommendations on reducing the NRW;
- Conducted a study and developed recommendations for new PDAM organization structure for PDAM Kota Bogor.



SABDO SUMARTONO

IUWASH conducted a raw water assessment with PDAM Kab. Serang to raw water sources in several kecamatans. This spring pictured above in Kramat Watu has dried and PDAM can no longer use it.

3) Urban Sanitation

IUWASH continued supporting PEMDA with previous priority programs, including sanitation strategies and innovative community-based projects. Key activities conducted this quarter include:

- Organized and facilitated a workshop with Bappeda on wastewater master plan of Kota Bogor for government staff, camat, NGO and journalists;
- Organized and facilitated a meeting for secondary data collection, EHRA survey and Sanitation White Book development with Pokja AMPL of Kab. Bekasi, Kab. Karawang and Kab Tangerang;
- Conducted coordination meeting with Camat Tambora for potential CBS site followed with site observation of five kelurahans and finalized site selection for project location in kelurahan Duri Selatan and Pekojan which will later be proposed for a IUWASH grant program;
- Completed DED and BoQ for three small-sewerage systems in three villages of Kab. Bekasi serving around 220 household for funding support by Satker PLP Jabodetabek;

4) Governance

IUWASH has been working with PEMDA Kota Bogor and Kab. Serang in developing watsan strategies and policies. Key activities conducted during this quarterly period are:

- Conducted study for PDAM management followed with stipulation of Local Government Regulation Number 16 and 17 year 2011 dated Dec. 7, 2011 followed with developing recommendation for new organization structure of PDAM Tirta Pakuan Kota Bogor;
- Participated in Pokja AMPL coordination meeting and planning workshop with Bappeda to share approaches and collaboration initiatives to support PEMDA achieving MDG targets.

5) Municipal Finance

Continuing ongoing programs from last quarter, key activities in this quarter include:

- Assisted PDAM Kota Bogor to prepare financial analysis for new investment in Katulampa, which increased PEMDA equity from Rp 100 to Rp 182 billion as included in new PERDA;
- Conducted micro credit socialization with PDAM Kab. Bekasi and facilitated meeting between Bank Syariah Mandiri with PDAM Kab. Serang and PDAM Kab. Lebak;
- Met with private investor PT Ciriayasa Rancangbangun Mandiri for optimization of WTP Maja and planned water supply regionalization between Kab. Lebak, Kab. Serang and Kab. Tangerang;
- Met and discussed with Koperasi Artha Kerta Raharja, LPP UMKM and Dinas Koperasi and UKM for potential collaboration in micro-credit sanitation.

Other Highlight

Besides the above activities, IUWASH has also completed and conducted the following programs:

- Participated in STBM facilitation skill training organized by MOH;
- Conducted regional workshop on BCC/STBM, small grants and gender (plus participants from IUWASH national staff);
- Completed grant selection process and signing of Grant Agreement with FORKAMI for small scale sewerage project, a collaboration program with PD PAL Jaya;
- Completed evaluation of unsolicited grant proposal by Mercy Corps on septage management;
- Attended national and regional workshops, such as STBM facilitation skill training (by MOH), STBM communication strategy workshop (by High Five project), Project Design Workshop for SPAM IKK (by ADB and MOPW), and review of STBM training module (with MOH);
- Conducted training with PPSP on City Sanitation Strategy development for IUWASH staff (urban sanitation spec., governance spec., municipal sanitation spec. and field technical liaison).

Key Upcoming Events

| Event Title | Date | Type of Event | Venue |
|--|-------------|--|-------------|
| Exposure to micro-credit program with BSM | 3-5 April | Field trip to Kudus | Kudus |
| City Sanitation Strategy training for Pokja AMPL | 3-5 April | Training | Bandung |
| Energy Efficiency Workshop | 11 April | Workshop | Jakarta |
| WatSan Visioning Workshop | 10-11 April | Workshop | Kab. Serang |
| Team Building | Mid April | Workshop | Bandung |
| Launching small scale sewerage system | Mid-April | Workshop with PD PAL Jaya and Forkami | Jakarta |

Cluster Report

In the IUWASH Region of West Java/DKI Jakarta/Banten, there are 8 districts/cities (listed below).

Each city except for Serang and Lebak is presented in one-page cluster report:

1. Kab Serang and Kab Lebak, Banten
2. Kab Tangerang, Banten
3. DKI Jakarta
4. Kota Bogor, West Java
5. Kota Bekasi, West Java
6. Kab Bekasi, West Java
7. Kab Karawang, West Java

BANTEN, Districts of Serang and Lebak

Summary

Serang (population 1.4 million) and Lebak (1.2 million) are both facing similar challenges on provision of water and sanitation access: (1) relatively low level of people's awareness on adequate hygiene behavior, and (2) low service coverage of piped water (11.5% in Serang and 7.8% in Lebak). In Serang, STBM programs are already implemented in 54 villages. Although access to clean water reaches up to 60%, pipe water service only covers 11.5% of the total population (27,356 connections). Access to adequate sanitation facility covers 41% of the population all of which are individual sludge treatment systems, either septic tank or soak pits. In Lebak IUWASH only currently supports PDAM on promoting micro-credit for new water connections responding the plan of PDAM Lebak to collaborate with private company PT Ciriajasa to rehabilitate and improve two water treatment plants that can potentially serve an additional 14,000 house connection.

Activities

Component 1

- Discussed with Bappeda and private companies about collaboration through CSR scheme on water supply and sanitation sectors;
- Conducted field observation in Ciruas for potential water supply and sanitation packaging model with developers (Pesona Cilegon and Banten Global Metropolis, Binuang);
- Participated in STBM ODF declaration in seven villages with Bappeda and Dinas Kesehatan;
- Conducted field observation for existing Sanimas locations plus new low cost housing areas in Binuang, Ciruas;

Component 2:

- Completed Customer Satisfaction Survey and conducted data analysis training with PDAM Tirta Al-Bantani as part of preparation for Corporate Plan development;
- Conducted raw water assessment in Kec. Pamarayan, Kec. Kramat Watu and Kec. Padarincang, Kab. Serang.

Component 3:

- Facilitated meeting between PDAM Kab. Lebak and Bank Syariah Mandiri for micro-credit for new connection;
- Met with private investor PT Ciriajasa Rancangbangun Mandiri for optimization of WTP Maja and planned water supply regionalization between Kab. Lebak, Kab. Tangerang and Kab. Serang;
- Participated in Pokja AMPL meeting and workshop with Bappeda and presented collaboration initiative on achieving MDG targets.

Grant Program

- Conducted participatory topography mapping in Margasana village to prepare CBS program under IUWASH small grant.

Plan for Next Quarter Program:

- Conduct feasibility study for Ciruas service area in Serang;
- Conduct customer satisfaction survey and Corporate Plan development;
- Facilitate water service regionalization of Kota and Kab Serang;
- Facilitate financial feasibility study for new treatment plant and service area in Lebak;
- Facilitate micro-credit collaboration for PDAM Lebak;
- Launch small grant program on CBS to support STBM implementation in Serang;
- Facilitate local government to do socialization and to gather support from CSR to implement water and sanitation project.



ADRI RUSLAN

Participatory Topography Mapping at Margasana Village, Kab. Serang.

Partners Coordination:

IUWASH closely coordinates and works with:

- Bappeda, Dinas Kesehatan, Dinas Tata Ruang, Bangunan and Perumahan,
- Pokja AMPL,
- PDAM Tirta Al-Bantani (Serang) and PDAM Tirta Multatuli (Lebak) in implementing its programs and activities.

BANTEN, Tangerang District

Summary

The population of Tangerang District is 3.5 million. The PDAM of Tangerang District is now serving both areas, the city and the district. However it is a challenge to increase the coverage (now 14%) due to administrative boundary restriction. Bappeda of Tangerang District is now very active in slum area improvement movement with a support from central government budget (the Ministry of Housing). Tangerang has previously developed Renstra Sanitation and in 2012, IUWASH will work with Pokja AMPL to develop City Sanitation Strategy. IUWASH has supported Bappeda to allocate and secure Rp 400 million to support Pokja AMPL in developing the CSS implementation.



Activities

Component 1:

- Collaborated with WaterNet, PDAM and DPD Perpamsi to conduct field observation for pilot water supply-sanitation packaging project in Teluk Naga;
- Conducted coordination meeting with Provincial Satker PLP Banten for collaboration to install 10-15 small scale sewerage system in Kronjo, targeting to connect a total of 800 houses;
- Conducted STBM training for 24 sanitarians and community cadres from three villages with Dinas Kesehatan;

Component 2:

- Completed real demand survey and finalized feasibility study for PDAM new service in Cihuni;
- Conducted preparation meeting for development of City Sanitation Strategy with Bappeda, Dinas Kesehatan and Dinas Cipta Karya.

Component 3:

- Met with Koperasi Artha Kerta Raharja, LPP UMKM and Dinas Koperasi and UKM for potential collaboration in micro-credit for sanitation.



HAROD R. NOVANDI

Exercise STBM triggering in Pagedangan village, Kec. Balaraja, Kab. Tangerang.

Plan for Next Quarter Program:

- Facilitate development of City Sanitation Strategy, including EHRA survey and Sanitation White Book;
- Support and assess potential collaboration with local government program of slum area improvement;
- Prepare SOW and small grant administration process for watsan packaging project in Teluk Naga with PDAM, DPD Perpamsi and WaterNet;
- Implementation of STBM triggering in 3 villages with Dinas Kesehatan.

Partners Coordination:

IUWASH closely coordinates and works with

- Bappeda, Dinas Kesehatan, and Dinas Cipta Karya
- Koperasi Artha Kerta Raharja, LPP UMKM and Dinas Koperasi and UKM for potential on micro-credit for sanitation
- WaterNet, PDAM Tirta Kerja Raharja and DPD Perpamsi Banten to implement watsan packaging in Teluk Naga

DKI Jakarta

Summary

The capitol city of Jakarta is inhabited by 9.6 million people. Despite having the highest local budget of all the cities/districts in Indonesia, the city faces the challenge of prioritizing local government budget and policies to increase support for sustainable water and sanitation services.

In Jakarta only 50% of the population has access to pipe water connection and PAM Jaya suffers of high NRW level. In sanitation, only 3% of the population connected to the sewerage system, while majority of population uses septic tanks, which do not comply with technical standards.

Activities

Component 2:

- Conducted master meter survey and observation to two master meter systems in Jembatan Besi and Penjaringan;
- Prepared SOW and MoU in coordinated with Ministry of Public works, PAM Jaya, Aetra and Palyja for NRW review.

Grant Program:

- Completed grantee selection process followed by the signing of a Grant Agreement with Forkami for a project of small scale sewerage system with PD PAL Jaya;
- Conducted coordination meeting with Camat Tambora for potential CBS sites followed by site observations of five kelurahans. Site selection was finalized for project location in kelurahan Duri Selatan and Pekojan which will be proposed for IUWASH grant program;
- Finalized evaluation process for Small Grant Program on sanitation/septage management by Mercy Corps.

Other Highlights:

- Participated in STBM facilitation skill training organized by MoH in Karawang;
- Conducted regional workshop on BCC/STBM & small grants;
- Facilitated gender workshop for IUWASH national and regional teams.

Plan for Next Quarter Program:

- Supervise the implementation of two grant programs on community-based sewerage system with Forkami and septage management with Mercy Corps;
- Prepare SOW and grant administration for community-based sanitation project supported by Satker PLP Jabodetabek;
- Conduct NRW study with PAM Jaya, Aetra, Palyja and Ministry of Public Works.



HAROD R. NOVANDI

Houses along Kali Angke in RW 01 Kel. Pekojan discharge wastewater and toilet sludge into the river.

Partners Coordination:

IUWASH closely coordinates and works with:

- PD PAL Jaya,
- PEMDA West Jakarta, Kecamatan Tambora and Satker PLP Jabodetabek in implementing CBS program.
- PAM Jaya, Aetra, Palyja and Ministry of Public Works for a collaboration in NRW study

WEST JAVA, Bogor City

Summary

PEMDA Bogor City has been very good in coordinating activities in the water supply and sanitation sectors. Service coverage for water supply reaches 54% of the 985,352 total population. Pokja AMPL of Bogor City is also very active. The City Sanitation Strategy was produced in 2010 and assisted by AusAID-InDII, Bogor is now finalizing the Wastewater Master Plan for the city. Moreover, local government has allocated 2% of its APBD to support the implementation of both the CSS and Master Plan. As of 2010, there were 20 Sanimas units installed and a wastewater treatment plant (IPAL) in Tegal Gundil is now serving 300 household connections and an additional 60 connections are targeted in 2012. It is a challenge for UPTD PAL that operates the facility to reach its maximum capacity of total 2400 connections.

Activities

Component 1:

- Conducted TOT STBM for 23 staffs of Dinas Kesehatan, Puskesmas, Kecamatan, Kelurahan and communities;
- Supported Dinas Kesehatan with baseline data collection of existing watsan related behavior in 5 STBM pilot villages;
- Conducted initial discussion with Bappeda and private sectors for potential collaborations through CSR scheme.

Component 2:

- Conducted study and developed recommendations for new PDAM organization structure;
- Facilitated comparative study for GIS/MIS system for PDAM staff to PDAM Kab. Bandung;
- Organized and facilitated workshop on wastewater master plan to government offices, Camat, NGO and journalists;
- Completed procurement process for consultant to develop software GIS/MIS interface billing system.

Component 3:

- Conducted study for PDAM management followed with stipulation of new PERDA 16-17 year 2011;
- Assisted PDAM in financial analysis for new investment in Katulampa and increasing PEMDA equity from Rp 100 to Rp 182 billions stipulated in the new PERDA 20/2011.

Plan for Next Quarter Program:

- Development of application software of GIS/MIS interface billing system information;
- Marketing and promotion for new house connection of IPAL Tegal Gundil;
- Preparing Engineering Procurement Contract (EPC) with PDAM Tirta Pakuan for construction of new water treatment facilities in Katulampa.



HAROD R. NOVANDI

Exercise STBM Triggering by Puskesmas Sanitarian and Community Cadres in Kelurahan Sempur, Kota Bogor.

Partners Coordination:

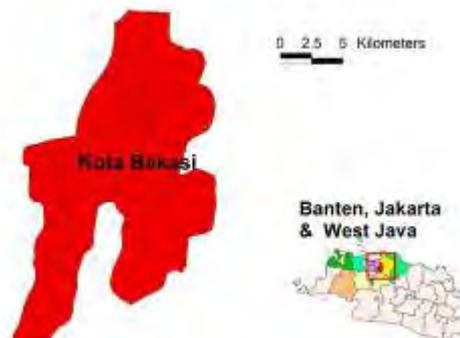
IUWASH closely coordinates and works with:

- Bappeda, Dinas Kesehatan, Dinas Kebersihan dan Pertamanan,
- Pokja AMPL and PDAM Tirta Pakuan
- Mayor Assistant Office of Economy and Development (Asda 2), Bappeda and
- private sectors, such as Bank Mandiri, Bank BJB, PLN, Askes, Jamsostek, and PDAM Tirta Pakuan for potential CSR collaboration on watsan programs

WEST JAVA, Bekasi City

Summary

Kota Bekasi is a relatively new city as it was split from Kab Bekasi District in 1997. It occupies an area of 210 km square with total population of nearly 2 million. The water service coverage is 29% or 113,077 house connections, however PDAM only serves 12,227 connection while the other 100,850 connections in the city covered by PDAM of Bekasi District. Because more residential areas are continually being developed, Bekasi faces an increasing demand for watsan access. In 2010, the city was assisted by GOI through PPSP to develop City Sanitation Strategy. Government offices are also very active in engaging potential partners, including ADB-funded ICWRMIP and private sector to participate in local government development program. A CSR forum called Bekasi Social Responsibility or BSR was established and managed to leverage significant support from private companies to implement several different activities although not many on watsan.



Activities

Component 1:

- Collaborated with Dinas Kesehatan in conducting STBM workshop and launching event to local government offices, kecamatan and kelurahan.

Component 2:

- Conducted GIS training for 20 PDAM staffs from technical, customer relation and administration departments;
- Facilitated comparative study for GIS/MIS system for PDAM staff to PDAM Kab. Bandung.



ADRI RUSLAN

IUWASH facilitated and organized GIS training for staffs of PDAM Tirta Patriot Kota Bekasi. The initial plan of doing an internal in class training for only 6 participants was moved to Sari Ater Resort and Spa in Subang as numbers of participant was increased to 20 staffs.

Plan for Next Quarter Program:

- Sanitation detail mapping in 4 Kecamatan for Sanimas replication by local budget;
- Real Demand Survey and Feasibility Study (technical and financial) for PDAM new service area in Jati Asih;
- GIS on the job training for PDAM staffs and government officials.

Partners Coordination:

- IUWASH closely coordinated and worked with Bappeda and Dinas Kesehatan in implementing its programs and activities
- IUWASH also collaborated with PDAM Tirta Patriot in conducting GIS training and in preparing for Feasibility Study for PDAM new service area in Jati Asih

WEST JAVA, Bekasi District

Summary

High population growth and fast development of residential areas are the main issues in Bekasi District. This is one of the three cities in this IUWASH region that only receives partial support, as IUWASH only works with Bappeda and related government offices on sanitation program. This year, Bekasi District joined the PPSP program to develop City Sanitation Strategy with support of IUWASH. Through Bappeda, PEMDA has already allocated APBN of Rp 100 million to set up Pokja AMPL and to develop a sanitation plan. The district has also developed 11 communal sanitation systems from 2008 to 2011. In 2012, there will be additional budget increases to develop 20 new systems. Local government have also initiated a new approach to engage developers to pilot communal septic tank or IPAL for small/low cost housing areas in six villages and have also worked with local NGO for a small water supply system.

Activities

Component 1

- Conducted site observation and assessment for pilot small-scale sewerage system with Bappeda, Dinas Cipta Karya and REI Kab. Bekasi;
- Completed DED and BoQ for three small-sewerage systems in three villages serving around 220 household for funding support by Satker PLP Jabodetabek.

Component 2:

- Facilitated meeting with Pokja AMPL to prepare for secondary data collection and EHRA survey.

Component 3:

- Conducted initial micro-credit socialization to PDAM facilitated by Bappeda.



ERI ARIANTO

Low cost housing complex in Sukadami village that is selected to receive support for the construction of communal IPAL, instead of individual septic tank as this area largely relies on groundwater source (shallow wells).

Plan for Next Quarter Program:

- Training for Pokja AMPL, EHRA survey and development of Sanitation White Book;
- Working with Saker PLP Jabodetabek for procurement of construction materials and supporting construction supervision for construction of 3 small-sewerage systems.

Partners Coordination:

IUWASH closely coordinates and works with:

- Bappeda, Dinas Cipta Karya, Dinas Tata Ruang dan Permukiman,
- Pokja AMPL
- REI Kab. Bekasi for piloting small-scale sewerage systems in low cost housing complex in 3 villages.

WEST JAVA, Karawang District

Summary

The emerging industrial sector led to the fast development of residential areas in Karawang. Rice fields that used to occupy majority of the land are decreasing and so is water catchment area. PDAM Tirta Tarum serves 11% of the 2.1 million population in Karawang, with 90% of PDAM raw water sources coming from surface water. The increased conversion of green fields into housing and industrial estate combined with climate change will threaten the quality and quantity of surface water.

In 2012, the local government through the District Office of Public Works will allocate a significant budget of Rp 1.2 billion for sanitation and non-piping water supply system.

Activities

Component 1:

- Conducted socialization meeting with 50 households followed with topography mapping and detail technical survey in Adiarsa village, Karawang Timur to improve and increase service of the existing Sanimas system.

Component 2:

- Facilitated coordination and work planning meeting with Pokja AMPL for preparation of City Sanitation Strategy;
- Finalization of Customer Satisfaction Survey and data entry with PDAM Tirta Tarum.

Plan for Next Quarter Program:

- Piloting of septage management with local government offices to support improvement of Sludge Treatment Plant (IPLT) Jalupang and Leuwisisir that is now being conducted by Satker PLP Jabodetabek;
- Support PDAM in developing corporate plan, setting up improved billing and accounting system, NRW reduction and energy audit/efficiency.



ADRI RUSLAN

Socialization night at Adiarsa village, Kec. Karawang Timur attended by 60 community representatives for improvement of existing Sanimas system.

Partners Coordination:

IUWASH closely coordinates and works with:

- Bappeda, Dinas Tata Ruang dan Permukiman, Dinas Cipta Karya,
- Pokja AMPL and
- PDAM Tirta Tarum.



Summary of City / District Profiles for Central Java Region



Semarang city(*):

- **Population:** 1,592,632 people.
- **Water Supply Challenge:** PDAM coverage is 56% & the NRW rate is still above 50%. Has problem in energy efficiency.
- **Sanitation Challenge:** City Government needs to revise city sanitation plan, should include water supply component.
- **IUWASH Approach:** Support PDAM to reduce the NRW and improve the energy efficiency, develop city sanitation plan that adopts more integrated approach to sanitation service provision.

Kendal district:

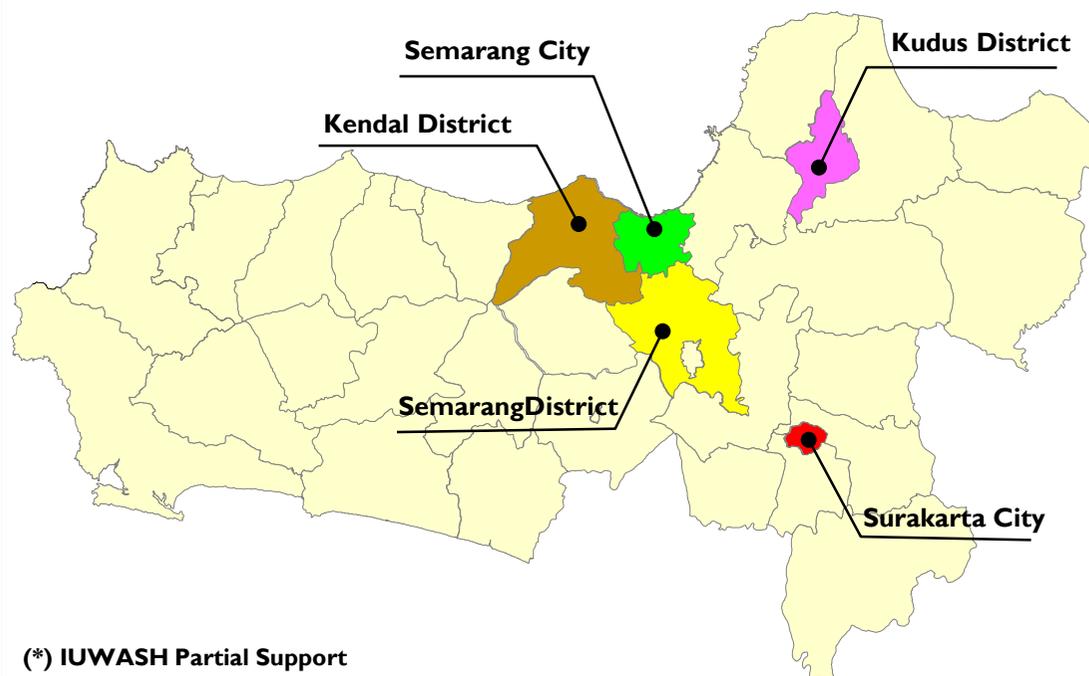
- **Population:** 900,611 people.
- **Water Supply Challenge:** PDAM needs to replace their deep wells with spring water (Telogo Mili) to reduce energy cost.
- **Sanitation Challenge:** No city sewerage system and sanitation strategic plan.
- **IUWASH Approach:** Support PDAM to develop corporate plan, tariff adjustment and cost benefit analysis for new investment plan in Telogo Mili and develop city sanitation plan.

Semarang district:

- **Population:** 931,041 people.
- **Water Supply Challenge:** PDAM coverage is 18.5% & needs to increase production capacity in western part of the district using spring water source.
- **Sanitation Challenge:** No sewerage system nor sanitation strategy developed yet.
- **IUWASH Approach:** Support PDAM to adjust tariff and improve business plan & debt restructuring, needs to establish Sanitation Working Group, develop city sanitation plan & promote STBM.

Kudus district:

- **Population:** 777,954 people,
- **Water Supply Challenge:** PDAM coverage is only 17% & has problem with lack of raw water to serve the total population.
- **Sanitation Challenge:** the Sanitation Working Group has just been established and needs to start developing a city sanitation plan that includes water supply component.
- **IUWASH Approach:** Support PDAM to develop new corporate plan and business plan, and support Sanitation Working Group to develop city sanitation plan & promote STBM.



Surakarta city:

- **Population:** 500,642 people.
- **Water Supply Challenge:** PDAM coverage is 56% & needs to obtain alternative financing to build 300 l/s WTP in Semanggi that targets 6,000 new customers.
- **Sanitation Challenge:** Capacity of city sewerage system is low and need to support Sanitation Working Group for the next step after a city sanitation plan is developed.
- **IUWASH Approach:** Support PDAM to monitor debt restructuring and obtain long-term investment, support expansion of sewerage connections through micro financing and develop project memorandum.

Section 4.3

CENTRAL JAVA

Summary

With a total population of 32,380,687, Central Java is the third most-populous province in Indonesia after West Java and East Java. Its land area of 32,801 km² is about a quarter of the total land area of Java. Central Java also completely surrounds Yogyakarta, which is an entirely separate administrative area.



IUWASH began working in the region in June 2011, meeting with a wide range of provincial and local government leaders and conducting six municipal-level assessment of water supply and sanitation conditions, and importantly, gauging the extent of local government commitment to address sector deficiencies. These assessment led to the selection of five municipalities as IUWASH target areas beginning in PY I. These include the cities of Semarang and Surakarta (also known as Solo), and the districts of Semarang, Kendal and Kudus (see Regional Map for further information).

Provincial-level site map:

During this quarter, all partnership agreements between IUWASH and the local government have been signed by the mayor of each local government. In Kota Semarang, the IUWASH program was officially launched by the Mayor of Kota Semarang in the end of December 2011. After all partnership agreements had been signed, IUWASH Central Java Region started preparation of the implementation of the activities agreed by key partners in all cities by follow-up meetings with respective PEMDA and PDAM to outline the priority programs for each locations, local contributions and support from PDAM and PEMDA. The required technical assistance by IUWASH regional and National teams to achieve the increased access of people to the safe water supply and improved sanitation services in Central Java province was also defined.

One of the significant achievements during this quarter was the rapid increase of new PDAM household connections through micro credit scheme for low income community in Kabupaten Kudus. The program started with the signing of MoU between Tirta Makmur Cooperative of PDAM Kabupaten Kudus and Bank Syariah Mandiri (BSM) of Kudus Branch on January 9, 2012. To date under this MoU, a total of 770 PDAM new connections have been installed to the low-income communities through micro credit scheme.

The achievement of the micro-credit program has drawn the attention of the U.S. Ambassador, Scot Marciel, who visited one of the program site in Undaan Tengah village to inaugurate the new connections for low income communities with Micro Credit Scheme, together with mayor of Kabupaten Kudus. This Ambassador also had an opportunity to conduct dialogue with two families in the village and Pak Akrab, the head of the village, expressed the interest that the IUWASH Micro Credit Program will continue to be conducted in this village to support the improved sanitation services.

Activities Conducted

The activities conducted during in this Quarter are described below arranged by the five main themes of the IUWASH program:

I. Behavior Change Communication/STBM Support

- Developed strategy and workshop promotion of new connections target for PDAM Kab Semarang as well as FGD on identification of potential of new connection for 2012;
- Conducted a discussion on “Strengthening Role of Media in the Clean Water Issue of Low-income Communities” in Kudus district;

- Socialization and promotion of PDAM sewerage connection in Surakarta City, including increase media relations;
- Visited PUSTEKLIM (Pusat Teknologi Limbah) in Yogyakarta to assess alternatives technology and collaboration for “Kampung Sanitasi” program;
- Conducted FGD and field visit to establish “Kampung Sanitasi” grant program in Surakarta, with SoW for grant financing being finalized.

2. Urban Water Supply

- Conducted “Enumerator Training of Customer Satisfaction Survey” for PDAM Kab Semarang, Kab Kendal and Kab Kudus;
- Completed the “Customer Satisfaction Survey” (field survey) for PDAM Kab Semarang and Kab Kendal;
- Started the implementation of Energy Efficiency Audit Program in PDAM Kota Semarang and Kota Surakarta;
- Drafted SoW for Non Revenue Water reduction program for four of the five participating PDAMs in Central Java: PDAM Kota Surakarta Kab Semarang, Kab Kendal and Kab Kudus.

3. Urban Sanitation

- Conducted a workshop on the baseline survey wastewater connection in Kota Surakarta;
- Conducted a workshop on institutional strengthening AMPL working group Kabupaten Kendal with the theme: Organization Structure of POKJA AMPL base on Manual by Tim Teknis Pembangunan Sanitasi;
- Conducted workshop on synchronization between IUWASH Workplan and local government of Kabupaten Kudus Action Plan 2012, especially for sanitation program;
- Completed FGD of review RAD (action plan regional) with BAPPEDA and POKJA AMPL in Kota Semarang and in Kabupaten Kendal;
- Completed FGD with POKJA AMPL/Sanitasi to select Pilot Septic Tank Communal locations (Grant Program) followed up with field assessment in Kota Semarang, Kab Kendal and Kab Kudus. The selected site for Kabupaten Kendal is Ngaglik, Kutoharjo village, Kaliwungu sub-district;
- Conducted cross visit of AMPL working group Kota Semarang and AMPL working group Kota Malang.

4. Governance

- Completed the APBD data from each region, especially for capital expenditure on water and sanitation programs to develop baseline data in measuring PEMDA support for water and sanitation activities;
- Completed data of local government and PDAM policies and decisions relating to water and sanitation, which will become the baseline for water and sanitation policy;
- Conducted assessment of the citizen feedback mechanism of local government services in Kabupaten Semarang and Kabupaten Kudus.

5. Municipal Finance

- Prepared financial projection PDAM Kabupaten Semarang for all planning expansion program for the next 5 years in order to optimize alternative financing;
- Supported PPP process in Kota Surakarta between PDAM and Perum Jasa Tirta I to develop additional capacity 300 lt/sec IPA Semanggi;
- Facilitated signing of cooperation between PDAM Kudus and Mandiri Syariah Banking Kudus Branch for PDAM New Connection for Low-income communities with Micro Credit Scheme;
- Facilitated signing of MoU between PDAM Kabupaten Semarang and BRI Semarang Branch of Micro Credit Program for new connection dated 29 March 2012.

Other Highlights

- Visit of the US Ambassador to Undaan Tengah village of Kudus district to inaugurate the PDAM new connection for low income household under Micro Credit Program on February 22, 2012. This program is a collaborative program between PDAM Kab Kudus and Bank Syariah Mandiri (BSM). IUWASH facilitated on development of MoU for this program and support on the promotion of the Micro Credit Program;
- Gender training and Team Building exercise for all staff of IUWASH Central Java Team was implemented on March 13 – 15, 2012 in Tawangmangu Solo.

Key Upcoming Events

Below is the list of main events planned for the following period:

| Event Title | Date | Type of Event | Venue |
|--|-------------------|-------------------------|--|
| Training of Trainer for Cadres of Sanitation and Sanitarian | April 3-20, 2012 | Training | Kota Semarang, Kota Surakarta, Kabupaten Kudus |
| Raw water vulnerability survey | April 2-13, 2012 | Study | Kabupaten Kudus Kabupaten Kendal |
| Assessment location of Septic tank communal (grant program). | April 3-13, 2012 | Assessment | Kabupaten Kudus |
| Campaign of Hand washing with Soap for students in Surakarta City | May 11, 2012 | Campaign event HWWWS | Kota Surakarta |
| Contest of Sanitation Ambassador of junior high school in Semarang | May 25, 2012 | Campaign event | Kota Semarang |
| Socialization of <i>Kampung Sanitasi</i> program and develop CBO | June 1, 2012 | Grant Program | Kota Surakarta |
| Cross visit POKJA AMPL Kendal to POKJA Sanitasi Kota Surakarta. | April 12-13, 2012 | Cross Visit | Kota Surakarta |
| Study of Septage management in Kota Semarang | June 13-29, 2012 | Study | Kota Semarang |

Cluster Report

IUWASH understands that the key to achieving its targets lies in the successful implementation of activities at the local level. In order to better describe and track the project's activities and progress in each target location, IUWASH has developed cluster reports (one page each). This report is intended to be an easy tool to track the achievement of the program in each city.

The cluster reports for the Central Java Region for this Quarter are presented by city, as follows:

- Surakarta City
- Semarang City
- Semarang District
- Kendal District
- Kudus District

Central Java, Surakarta City

Summary

Surakarta city is located 100km to the southeast of Semarang city. Surakarta city has population around 500 thousand people. PDAM Surakarta needs to improve their technical and management performance because they still have high water loss (36%) and high production cost. IUWASH has been requested to assist PDAM Surakarta in monitoring their business plan to achieve their yearly target. IUWASH will also assisted PDAM Surakarta to get alternative financing to build 300 lps WTP in Semanggi with 6000 new customers targeted.

The main issue in sanitation sector is related to high density of population and people's perspective on improved hygiene behavior. Surakarta has sewerage system that only used about 45% of its service capacity, so can cover up to 8.000 new household connections.

Activities

Component 1

- Socialization and promotion of PDAM Sewerage connection in Surakarta City;
- Visited PUSTEKLIM (Pusat Teknologi Limbah) in Yogyakarta to assess alternatives technology and collaboration for "Kampung Sanitasi" program.

Component 2:

- Began PDAM Energy Efficiency/Audit Program;
- Conducted workshop on baseline survey of sewerage connection with PDAM Kota Surakarta.

Component 3:

- Supported PPP process in Kota Surakarta between PDAM and Perum Jasa Tirta I to develop additional capacity 300 lt/sec IPA Semanggi.

Grant Program:

- Completed FGD and field visit to establish "Kampung Sanitasi" grant program in Surakarta. This activity is aimed to select the site of the program together with Pokja AMPL Kota Surakarta. The agreed site is RW 23 in Kelurahan Semanggi.

Plan for Next Quarter Program:

- ToT for Cadres of Sanitation and Sanitarian;
- Socialization of "Kampung Sanitasi" and develop CBO;
- PDAM Energy Efficiency/Audit Program;
- Commence NRW reduction program ;
- FGD on evaluation to follow up the baseline survey of wastewater connections at Kota Surakarta;
- Conduct pre-bid application meeting for Grant Program on Kampung Sanitasi.



Technical preparation for baseline survey of sewerage connection in Kota Surakarta with 12 enumerators involved from Universitas Muhammadiyah Surakarta.

Partners Coordination:

- Coordination with PDAM Surakarta on Energy Efficiency Audit Program
- Coordination with POKJA SANITASI Kota Surakarta and PDAM Kota Surakarta related with off site system and community based systems.

Central Java, Semarang City

Summary

Semarang city has population of 1.6 million people. The PDAM has 134,600 connections (largest in Central Java), but with a 56% coverage it still has opportunity to expand. PDAM also has NRW of 50%, which forces PDAM to also focus on NRW reduction. In line with NRW reduction PDAM is also facing high energy consumption. Therefore PDAM has requested IUWASH to support energy audit program.

The main issue in the sanitation sector is related to high density of population and people's perspective on improved hygiene behavior. Semarang city already have water and sanitation working group (Pokja-AMPL) to develop city-wide sanitation strategy and Regional Action Plan, which will support a the increased access to improved sanitation services.

Activities

Component 2

- Began implementation of Energy Efficiency Audit Program in PDAM Kota Semarang;
- Completed FGD of review RAD (action plan regional) AMPL working group Kota Semarang;
- Conducted cross visit of AMPL working group Kota Semarang and AMPL working group Kota Malang-East Java.

Component 3:

- Completed the APBD data, particularly for capital expenditure on water and sanitation programs;
- Completing data of local government and PDAM policies and decisions relating to water and sanitation.

Grant Program:

- Completed FGD with POKJA AMPL/Sanitasi to select Pilot Septic Tank Communal locations (Grant Program) followed up with field assessment.

Plan for Next Quarter Program:

- Training of Trainer for Cadres of Sanitation and Sanitarian;
- Campaign of Hand washing with Soap for student of elementary school in Surakarta City;
- Contest of Sanitation Ambassador of junior high school in Semarang;
- Workshop and FGD on Establishment and Development of the Role and Function of PDAM Customer Forum;
- Energy Efficiency Audit Program in PDAM Kota Semarang;
- NRW reduction program in PDAM Kota Semarang;
- Identification location for communal septic tank pilot plan (grant program) in Kota Semarang;
- Study of Septage management in Kota Semarang;
- Technical assistance to prepare wastewater regional regulation, possibly City Major Regulation (Perwal).



Discussion on sanitation issues between Pokja AMPL Kota Semarang and Pokja AMPL Kota Malang in cross visit activities at Bappeda Kota Malang.

Partners Coordination:

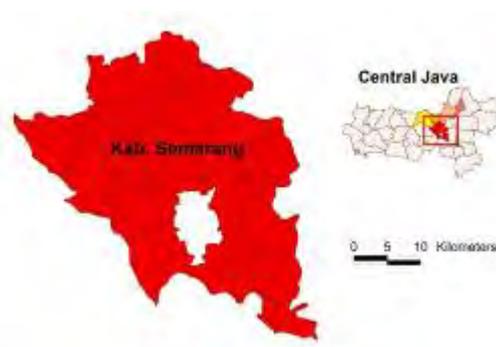
- Coordination with PDAM on preparation of Energy Efficiency Audit Program and NRW reduction program
- Coordination with POKJA AMPL on communal Septic Tank pilot plan (grant Program)

Central Java, Semarang District

Summary

Semarang District is located in southern site of Semarang city with a population of around 1 million people. The PDAM has around 28,000 connections, however the coverage is only 18%, signifying a large opportunity to expand the services. PDAM also has NRW of about 40%, which forces PDAM to focus on NRW reduction plan in the near future. PDAM is also facing long term debt, so PDAM has been joining Debt restructuring program by ministry of Finance. So far, installment payments have been carried out smoothly according to schedule.

Kabupaten Semarang is one of the IUWASH locations which only receives partial assistance in PY2 for the water supply program.



Activities

Component 1:

- Conducted workshop on the Evaluation of the Year 2011 new connections target installation achievement of PDAM Kabupaten Semarang followed with FGD identification of investment and potential of new connection to develop promotion strategy of PDAM year 2012.

Component 2:

- Conducted Enumerator Training of Customer Satisfaction Survey for PDAM Kabupaten Semarang;
- Implemented Customer Satisfaction Survey for PDAM Kabupaten Semarang (field survey);

Component 3:

- Completed assessment of citizen feedback mechanism of LG services in Kabupaten Semarang;
- Prepared financial projections for PDAM Kabupaten Semarang for all planning expansion program for the next five years in order to optimize alternative financing;
- Facilitated signing of Mou between PDAM Kabupaten Semarang and BRI Semarang Branch on Micro Credit Program.

Plan for Next Quarter Program:

- NRW reduction program in PDAM Kabupaten Semarang;
- Workshop and FGD on Establishment and Development of the Role and Function of PDAM Customer Forum;
- Identify possibilities to provide support on water source vulnerability assessments as part of the regional SPAM program by Provincial Government.



Enumerator is conducting an interview of PDAM Kabupaten Semarang customer in Customer Satisfaction Survey event.

Partners Coordination:

- Coordination with PDAM on preparation Customer Satisfaction Survey, Corporate Plan, NRW reduction program, and planning on promotion strategy.

Central Java, Kudus District

Summary

Kudus district is located about 50km to the East of Semarang city and has population around 800 thousand people.

The main problem for water supply is low access to improved water supply facilities due to lack of raw water sources. PDAM service coverage in Kudus District is 17% and water loss number is 36%. The raw water availability problem is due to production units in deep wells where water levels are dropping fast. The Kudus district local government has a strong commitment to increase water supply access.

Kudus district already has water and sanitation working groups (Pokja-AMPL) to develop city-wide sanitation strategy and Regional Action Plan, which are expected to support the increased access to improved sanitation services.

Activities

Component 1

- Conducted Kudus Media Workshop/discussion on “Strengthening Role of Media in the Clean Water Issue of Low-income Communities”.

Component 2:

- Conducted Enumerator Training of Customer Satisfaction Survey for PDAM Kabupaten Kudus;
- Conducted workshop on Synchronization Workplan IUWASH between PEMDA Kab Kudus Action Plan 2012. Involved about 8 people from AMPL working group Kab Kudus.

Component 3:

- Completed assessment of citizen feedback mechanism of local government services.

Grant Program:

- Completed FGD with BAPPEDA and POKJA AMPL/Sanitasi to select Pilot Septic Tank Communal locations (Grant Program) followed up with field assessment.

Other Highlight:

- U.S. Ambassador's visit to Undaan Tengah village for the inauguration of new connections for low income communities with Micro Credit Scheme.

Plan for Next Quarter Program:

- Training of Trainer for Cadres of Sanitation and Sanitarian;
- Establishment and Development of the Role and Function of PDAM Customer Forum;
- Customer Satisfaction Survey for PDAM Kabupaten Kudus (field survey);
- NRW reduction program in PDAM Kabupaten Kudus;
- Raw water vulnerability survey (2nd field visit);
- Assessment to select location for communal septic tank pilot plan (grant program) in Kabupaten Kudus.



Micro credit program partnership between 'Koperasi PDAM Kabupaten Kudus' and 'Bank Syariah Mandiri' inaugurated by US Ambassador (Mr. Scot Marciel), was held in Kampung Undaan Tengah, Kecamatan Undaan, Kabupaten Kudus on February 19, 2012.

Partners Coordination:

- Coordination with PDAM on preparation Customer Satisfaction Survey, NRW reduction program and raw water vulnerability survey.
- Coordination with POKJA AMPL and PNPM Kab. Kudus on development communal septic tank pilot plan.



Summary of City / District Profiles For East Java Region



Gresik district:

- **Population:** 1,177,201 people.
- **Water Supply Challenge:** PDAM service coverage is only 26% & need to increase their production capacity.
- **Sanitation Challenge:** No city sanitation strategic plan.
- **IUWASH Approach:** Support PDAM to increase production capacity through Public-Private Partnership, develop sanitation strategic plan and white book.

Mojokerto district:

- **Population:** 1,097,409 people.
- **Water Supply Challenge:** PDAM service coverage is 66%. Plans to buy bulk water from PDAB to add to their water supply, but no feasibility analysis yet.
- **Sanitation Challenge:** Sanitation Working Group has been established, but no city sanitation strategic plan.
- **IUWASH Approach:** Support PDAM to analyze cost benefit ratio, increase the production capacity, develop sanitation strategic plan and white book.

Probolinggo city:

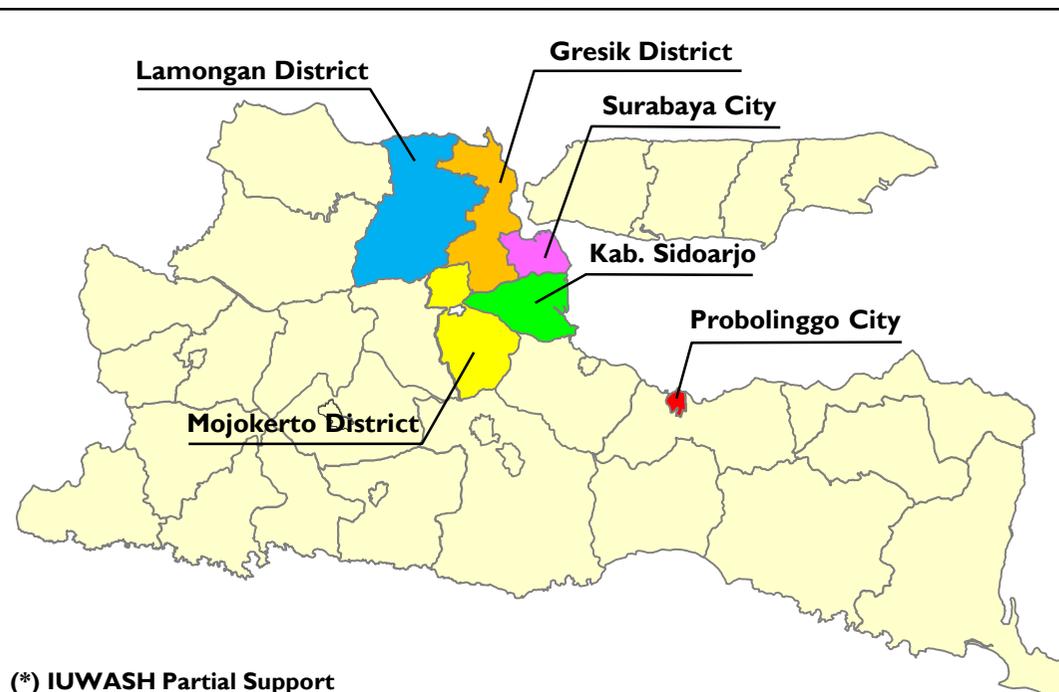
- **Population:** 216,967 people.
- **Water Supply Challenge:** PDAM service coverage is 36% & the Non Renewable Water rate is still high.
- **Sanitation Challenge:** High open defecation prevalence in slum areas.
- **IUWASH Approach:** Support PDAM to increase coverage area and reduce the NRW. Support the promotion of open defecation free in slum areas and implement other sanitation program based on their city sanitation strategic plan.

Lamongan district:

- **Population:** 1,179,770 people.
- **Water Supply Challenge:** PDAM currently has low service coverage (6%) as well as below-cost-recovery tariff rate.
- **Sanitation Challenge:** No city sanitation strategic plan and sewerage system.
- **IUWASH Approach:** Support PDAM to revise business plan for debt restructuring, adjust tariff and development of sanitation strategic plan and white book.

Sidoarjo district:

- **Population:** 1,945,252 people.
- **Water Supply Challenge:** PDAM service coverage is only 23% & declined raw water source.
- **Sanitation Challenge:** Need to improve sanitation condition and behavior change to protect PDAM raw water quality.
- **IUWASH Approach:** Support PDAM to conduct cost-benefit analysis for investment plans for the proposed Umbulan Springs project as well as assisting in tariff adjustments, develop community-based sanitation facilities and promote behavior change to improve the quality of PDAM raw water sources.



Surabaya city (*):

- **Population:** 2,929,528 people.
- **Water Supply Challenge:** Need to conduct marketing for new connection and operational efficiency.
- **Sanitation Challenge:** No city sewerage system.
- **IUWASH Approach:** Still being discussed with city government. Has a potential collaboration with PDAM

Section 4.4

EAST JAVA

Summary

With a population of 37,476,757 (BPS data for 2010), East Java is the second most populated province in Indonesia. Located on the eastern part of the island of Java, it includes the neighboring islands of Madura, the Kangean and Sapudi groups to the east, and the Bawean and the Masalembu Islands to the north. The total land area of the province is 47,800 km², and administratively it is divided into 29 districts (*kabupaten*) and nine cities (*kotamadya*).



IUWASH began working in the region in May 2011, meeting with a wide range of provincial and local government leaders and conducting numerous district-level assessments of water supply and sanitation conditions, and importantly, gauging the extent of local government commitment to address sector deficiencies. These assessments led to the selection of six districts as IUWASH target areas beginning in PY1. These include the districts of Gresik, Lamongan, Mojokerto, Probolinggo, Sidoarjo, and Surabaya (see Regional Map for further information).

During this period, IUWASH implemented many programs for each component. Triggering communities on STBM was followed up with monitoring activities which showed that some communities in Kota Probolinggo already replicated this activity with their own resources. Facilitation for PPSP program is implemented in Kabupaten Lamongan and preparation for application is supported for Pokja Sanitasi Kabupaten Mojokerto. Facilitation to PDAM includes among other: preparation of Corporate/Business Plan, capacity building for PDAM's staffs through various training and promotion of micro credit for new connections. Also the program on PDAM Energy Efficiency audit started for PDAMs Gresik and Lamongan. Some local government already facilitated Public Consultation of water and sanitation and discussion of Local budget as a baseline.

IUWASH Grant Program in East Java make a significant progress during this Quarter by having pre-application meeting for 2 grant programs on master meter in Lemah Putro-Sidoarjo district and STBM Program in Kota Surabaya, Kab. Sidoarjo and Kota Probolinggo. The pre-application meeting was held on March 5, 2012 and attended by 12 organizations. After the meeting, it was followed up by a site visit to the grant program locations to get better understanding on the sites. It will help the grantee candidates to develop their proposal, which will be submitted on March 26, 2012

Activities Conducted

During this quarter, IUWASH East Java Team conducted several activities in the region as described below:

I. Behaviour Change Communication/STBM Support:

- As follow up of STBM triggering activities conducted in the previous quarter, IUWASH facilitated the SKPDs and communities conducted monitoring STBM activities in Probolinggo City. About 230 people in 8 communities at RW level was already triggered through STBM since IUWASH introduced STBM in Probolinggo city.

This activity has been replicated by Puskesmas Kedopok in Jrebeng Wetan which was fully covered by their own resources.

- Conducted Workshop on STBM & Triggering in Kabupaten Mojokerto. The workshop was participated by 20 local facilitators and 4 head of Puskesmas. It was followed up with triggering activities in 4 communities, involved 110 people and the evaluation meeting after the triggering attended by 52 people.
- Prepared the Workshop on STBM & Triggering in Kabupaten Sidoarjo, Lamongan and Gresik and conducted coordination with related SKPDs in each District. The implementation will be held in the next quarter.
- Conducted comparative study for sanitarians, community leaders, and local government staffs from Kota Probolinggo to Kabupaten Jombang to learn the successful of STBM, support from the local government, sanitation entrepreneurs, and revolving fund for sanitation facilities for the cheap adequate individual toilets. Due to STBM in the new program in Kota Probolinggo, the local government of Kota Probolinggo took a lot of knowledge from the local government of Kab. Jombang such as budget allocation and regulations.
- In Sidoarjo, IUWASH prepared about 9 locations for STBM activities which will be implemented through a grant program. The locations are in a settlements along Kali Pelayaran (5 locations), Lemah Putro-Kel. Lemah Putro, Karang Gayam-Kel. Pucang Anom, Pecantingan- Kel. Sekardangan and Celep-Kel. Celep.

2. Urban Water Supply:

- IUWASH facilitated PDAM Kab. Gresik with Real Demand Survey for water through a Purchase Order (PO). This activity was implemented by LPPM Univ. Muhammadiyah Kab. Gresik and the result is used for water demand projection in PDAM's Corporate Plan.
- Facilitated PDAM Kab. Mojokerto and Kab. Gresik in the preparation of collaboration with private sector (PPP) with PDAB (Provincial Bulk Water Enterprise) and other potential partners. It includes the preparation of FS and calculation of water tariff.
- Preparation of Bussiness Plan PDAM Kabupaten Lamongan is finished. This is a supporting document for Debt Restructuring Program of Ministry of Finance
- Evaluation of existing Master Meter scheme in Kab. Sidoarjo and Kota Surabaya.

3. Urban Sanitation:

- Kota Probolinggo will build a sludge treatment facility funded by the Provincial Budget. IUWASH supported to prepare the sludge management system. The facilitation is still on-going through a serial FGDs, includes technical, management, financial and regulation aspects.
- The status of IUWASH facilitation in preparation of PPSP documents in Kabupaten Lamongan is preparation of White Book.
- IUWASH supported Pokja Kabupaten Mojokerto to prepare the application for PPSP 2013 and has already allocated the budget. The Pokja will conduct a hearing to the Bupati and DPRD which will be facilitated by IUWASH. Once it is approved, the Pokja will send its application to the Ministry of Public Works.
- Pokja Sanitasi Kab. Sidoarjo already prepared Sanitation White Book and SSK last year; now Bappeda Kab. Sidoarjo requested IUWASH to support the preparation of regulation for domestic waste water management, especially for real estate developers. IUWASH will support the Local Government through serial discussions lead by our Governance and Urban Sanitation Specialists.

4. Governance:

- Data compilations on Local Regulations and Policies for all targeted areas already done.
- Conducted workshop of Public Consultation about clean water and sanitation in Kabupaten Mojokerto.
- Conducted visioning workshop for SKPDs Kota Probolinggo.
- Support SKPD Kabupaten Mojokerto forum in Local Government planning; ensure investment list is available in Government Annual Plan.
- Visioning Workshop Kab Mojokerto – presentation and discussion on APBD Baseline (Budget 2009 – 2011).
- Prepared a visioning workshop for Kabupaten Gresik



Public consultation on water and sanitation sector involve the key Local Government institution in Kabupaten Mojokerto.

5. Municipal Finance

- In collaboration with BPPSPAM (Badan Pendukung Pengembangan Sistem Penyediaan Air Minum) conducted a Workshop of Public Private Partnership for PDAM. This workshop was participated by 11 PDAMs in East Java Province (included 6 PDAMs are IUWASH partners), PJT (Perusahaan Jasa Tirta) and Provincial Water Enterprise (PDAB/Perusahaan Daerah Air Bersih).
- Support on PDAM Debt Restructuring Program for Kabupaten Lamongan by finalized the debt restructuring plan and ready for submission to Ministry of Finance (MoF).
- Support the monitoring of debt restructuring plan in collaboration with Ministry of Finance for Kabupaten Mojokerto and Gresik.
- Support PDAM Kota Probolinggo in the preparation of its Corporate Plan through a serial trainings, either classroom (theory) and On Job Training. The training also include Financial Projection topic.
- Training on Financial Projection for PDAM Gresik to support the preparation of FS for PPP program.
- Supported the promotion of Microcredit for PDAM new connections for PDAM Kab. Mojokerto at Perum Tunggal Pager. This is the first promotion event conducted in Kabupaten Mojokerto. About 100 people attended the event and 37 households registered for new water connection through this event.
- IUWASH introduced new partner to PDAM Surya Sembada Surabaya, Bank Syariah Mandiri (BSM). PDAM asked BSM to introduce more options for micro credit scheme, the more attractive scheme. BSM was also introduced to PDAM Sidoarjo.

Other Highlights

- Conducted pre-application meeting for 2 Grant Programs on Master Meter in Lemah Putro (Sidoarjo) and STBM Pogram in Kabupaten Sidoarjo, Kota Surabaya and Kota Probolinggo. The meeting was held on March 5, 2012 and attended by 12 grantee candidates and it followed up by a site visit to the program sites in the following days. The IUWASH East Java Team expects will receive the proposals by March 26, 2012.



IUWASH EAST JAVA

Site visit of Grant Program on STBM Program in Kota Probolinggo and Karanggayam-Kabupaten Sidoarjo.

Upcoming Events

| Event Title | Date | Type of Event | Venue |
|---|------------------|---------------------------------|-------------------------------------|
| STBM Workshop and Triggering Event | Apr. 2012 | Workshop & Community Activities | Dinkes. Kab Lamongan and Kab Gresik |
| Training of Water Supply Real Demand Survey | Apr. 2012 | Training | PDAM Kab Mojokerto |
| Workshop of Public Consultation about watsan | Apr. 2012 | Workshop | Kabupaten Sidoarjo |
| Workshop Corporate Plan PDAM Kota Probolinggo | Apr. 2012 | Workshop | Hotel Bromo View Probolinggo |
| Comparative Study on water vulnerability and climate change adaptation planning | May 2012 | Cross visit | PDAM Sukabumi |
| Exposure to Bupati and DPRD – budget for PPSP program | Apr-May 2012 | Workshop | Kab. Mojokerto |
| Sludge Management System | Apr. – Jun. 2012 | Serial FGDs | Kota Probolinggo |

Cluster reports

In order to better describe and track the project's activities and progress in each target location, IUWASH has developed cluster reports (one page each). In this report, the cluster reports are split into city/district reports in order to give a more comprehensive progress report on each location.

In the case of East Java, there are five clusters consisting of five cities and districts, each of which is described in greater detail in the following pages. They include:

- Kabupaten Gresik
- Kabupaten Lamongan

- Kabupaten Sidoarjo
- Kabupaten Mojokerto
- Kota Probolinggo

IUWASH made good progress on establishing the program activities in Kota Surabaya. IUWASH has engaged the PDAM Kota Surabaya to discuss several potential activities conducted in Kota Surabaya. The PDAM Kota Surabaya has shown a strong interest in having IUWASH support to improve its performance in serving people with water supply. Starting next quarter IUWASH will become formally engaged with PDAM Surabaya support priority activities in field of Non-Revenue Reduction, promotion micro-credit, and possibly additional master meters.

EAST JAVA, Gresik District

Summary

Kabupaten Gresik is located on the northern coast of East Java with population of around 1.3 million people. The main problem for water supply is low coverage, caused by lack of water sources. PDAM is planning for private sector investment to increase water production. Some options are under development, facilitated by IUWASH. PDAM Kab. Gresik participated in the workshop of PPP which was conducted by IUWASH in collaboration with BPPSPAM.

Kabupaten Gresik is following PPSP program facilitated by the Central Government.



Activities

Component 1:

- Workshop STBM & Triggering is under preparation and coordination with related SKPDs .

Component 2:

- IUWASH facilitated PDAM Kab. Gresik to have a Real Demand Survey for water through a FPPO (Fix Price Purchase Order). This activity was implemented by LPPM Univ. Muhammadiyah Kab. Gresik and the result is used for water demand projection in PDAM's Corporate Plan.
- Facilitated PDAM in the preparation of PPP/KPS with PDAB (Provincial Water Enterprise) and other potential partners. It includes the preparation of FS and calculation of water tariff

Component 3:

- Monitoring progress of Debt Restructuring Program.
- Training of Financial projection for PDAM staff
- Preparation for visioning workshop

Plan for Next Quarter Program:

- STBM Workshop and Triggering Event
- Workshop FS PPP PDAM Gresik
- PDAM tariff review and adjustment
- Tariff review and adjustment
- Energy Audit program for PDAM
- Develop state-of-sector briefing and support visioning workshops for local stakeholders.



Training for enumerator of Real Demand Survey for PDAM Kab. Gresik.

Partners Coordination:

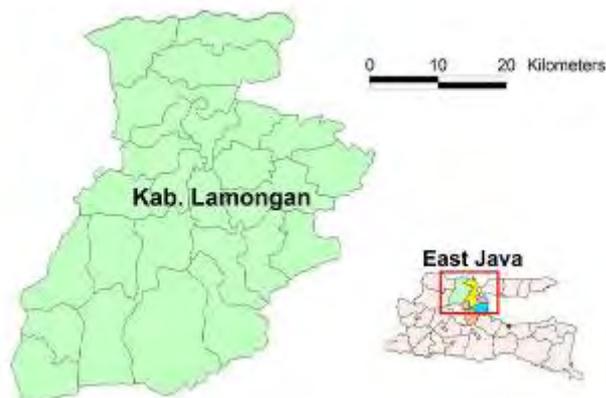
- **Provincial Health Office** for STBM Training.
- **PDAM** for Preparation of FS-PPP program; tariff adjustment and others.
- **Bappeda** and **Public Works Office** for preparation of Sanitation Program planning; Visioning workshop planning and budget policy.
- **BPPSPAM** for socialization to increase finance to public and private sector.

EAST JAVA, Kabupaten Lamongan

Summary

Kabupaten Lamongan located along northern coast of East Java with population of around 1.4 million people. The main problem for water supply is low access to improved water supply, mainly because of lack of capital and not yet reaching full cost recovery status. PDAM applied for Debt Restructuring Program to MoF last year, but it was rejected. This year IUWASH facilitate PDAM to complete their revised application.

There is no sanitation system in Lamongan and it is not Open Defecation Free (ODF) yet. IUWASH is supporting training for facilitators and triggering in some communities. Support for PPSP program just started, with the White Book under preparation. IUWASH facilitate the Pokja to implement this.



Activities

Component 1:

- Discussion with Dinas Kesehatan for planning some activities facilitated by IUWASH.
- Prepared the Workshop on STBM and Triggering activities that will be implemented in next Quarter

Component 2:

- Preparation of Business Plan PDAM Kabupaten Lamongan is finished.
- Support on PDAM Debt Restructuring Program for Kabupaten Lamongan is finalized and ready for submission to Ministry of Finance (MoF).
- Preparation of White Book.

Component 3:

- Discussion with Pokja Sanitasi and related SKPDs on Local Budget for water and sanitation sector program.



Discussion with Pokja Sanitasi and SKPD on support of preparation of development of Buku Putih and SSK.

Plan for Next Quarter Program:

- STBM Workshop and Triggering CLTS activities
- PDAM tariff review and adjustment
- Public Consultation of White Book
- Workshop on arranging City Sanitation Strategy

Partners Coordination:

- Coordination with **Provincial Health Office** for STBM Facilitator Refreshment Training and Triggering CLTS
- Coordination with **PDAM** and **Ministry of Finance** in Debt Restructuring Program
- Coordination with **East Java Provincial Watsan Working Group (POKJA AMPL Provinsi Jatim)** in development of PPSP documents (White Book and City Sanitation Strategy)

EAST JAVA, Kabupaten Sidoarjo

Summary

Sidoarjo District is neighboring Surabaya City, with most of its population working in Surabaya. The PDAM coverage area in Sidoarjo is with 33% still low. There are some informal settlements which can not be served by PDAM through individual connection because of the land status. Some area belongs to Dinas Pengairan and some other belongs to PT. KAI. These area can only be served through a master meter scheme.

Kabupaten Sidoarjo is following PPSP program facilitated by the Central Government. Bappeda Kab. Sidoarjo requested IUWASH to support the preparation of regulation for domestic waste water management, especially for real estate developers.

Activities

Component 1:

- Workshop STBM & Triggering is under preparation and coordination with related SKPDs
- STBM activities in 9 grant locations in settlements along Kali Pelayaran (5 locations), Lemah Putro, Karang Gayam, Pecantingan and Celep

Component 2:

- Evaluation of existing Master Meter scheme in Lemah Putro.
- Bappeda requested IUWASH to support the preparation of regulation for domestic waste water management, especially for real estate developers.

Component 3:

- Monitoring and evaluation of the progress on microcredit program for water supply with PDAM Delta Tirta Sidoarjo
- Introduce PDAM to Bank Syariah Mandiri as a partner for micro credit program.

Plan for Next Quarter Program:

- Workshop of Public Consultation about clean water and sanitation
- Training on Microfinance revolving fund for sanitation facility
- Training on Master Meter Management for community
- Capacity building for CBOs on installation of communal septic tanks, small-scale sewerage and individual septic tanks (under revolving fund)
- Implement grant program – water supply for low income community
- Support promotional activities of local banks and PDAMs
- Assess current citizen feedback mechanisms



Site visit to the Grant Program sites in Kabupaten Sidoarjo.

Partners Coordination:

- Coordination with **Dinas Kesehatan Propinsi Jawa Timur, Dinas Kesehatan Kabupaten Sidoarjo, Perum Jasa Tirta, and PDAM Delta Tirta** for STBM program activities
- Coordination with **Bappeda and Dewan Pengawas PDAM**
- **BRI Cabang Sidoarjo and BSM** for PDAM micro credit program

EAST JAVA, Kabupaten Mojokerto

Summary

Kabupaten Mojokerto (total population 1.108.266 people) has problems with water supply and sanitation services. PDAM has a target of 4,000 new connections this year, therefore promotion of micro credit for new connections is the best option. PDAM will develop a new deep well for temporary and it will be treated as a standby water source when the new production is running. The Public-Private Partnership of 500 Liter/second will be implemented in stages.

There is no sanitation system yet. Support from IUWASH is for the preparation for application to PPSP program year 2013; refreshment training to STBM facilitators and triggering in some communities. Public Consultation about clean water and sanitation to SKPD has already been done.

Activities

Component 1:

- Conducted Workshop STBM & Triggering in Kabupaten Mojokerto with 20 local facilitators and 4 head of Puskesmas. followed with triggering activities in 4 communities, involved 110 people and evaluation meeting attended by 52 people.

Component 2:

- Assessment for GIS facilitation plan.
- Supported in the preparation for PPP program
- Monitoring Debt Restructuring Program.
- Support Pokja AMPL to apply on joining PPSP Program for Year 2013

Component 3:

- Conducted workshop of Public Consultation about clean water and sanitation
- Presentation and discussion of APBD Baseline (Budget 2009 – 2011)
- Support promotion of microfinance PDAM new customer at Perum Tunggalpager. It was resulted 37 households registered as PDAM new customer.
- Support SKPD in this city in the annual budgeting of local government

Plan for Next Quarter Program:

- Training of Water Supply Real Demand Survey
- Training for PDAM tariff review and adjustment
- Exposure to Bupati and DPRD – budget for PPSP program



Triggering activities at community level in Penompo village

Partners Coordination:

- Coordination with BRI Mojokerto Branch and PDAM on microcredit program
- Coordination with Bappeda, Pokja AMPL and SKPDs on the preparation of PPSP budget program activities Year 2013
- Coordination with PDAM on water resources preservation due to climate change and others
- Coordination with Dinas Kesehatan for STBM program and Triggering activities

EAST JAVA, Kota Probolinggo

Summary

Probolinggo City (total population 216,967 people) has problems with water supply and sanitation services. The coverage of PDAM supply is still low, the problem is that most of the people use individual water sources from ground water, which looks clean. IUWASH facilitates PDAM to prepare their Corporate plan and conduct water quality analysis of shallow wells. This will be used for promotion plan purpose.

In sanitation sector, IUWASH facilitate for training of STBM facilitators and the triggering in some communities. This activity has been replicated by Puskesmas Kedopok in Jrebeng Wetan which was fully covered by their own resources.

Activities

Component 1:

- IUWASH facilitated the SKPDs and communities conducted monitoring STBM activities in Probolinggo City. A total of 230 people in 8 villages already triggered through STBM activities.
- Conduct comparative study for sanitarians, community leaders, and PEMDA staffs to Jombang to learn STBM, support by PEMDA, sanitation entrepreneurs, and revolving fund for sanitation facilities for the cheap adequate individual toilets.

Component 2:

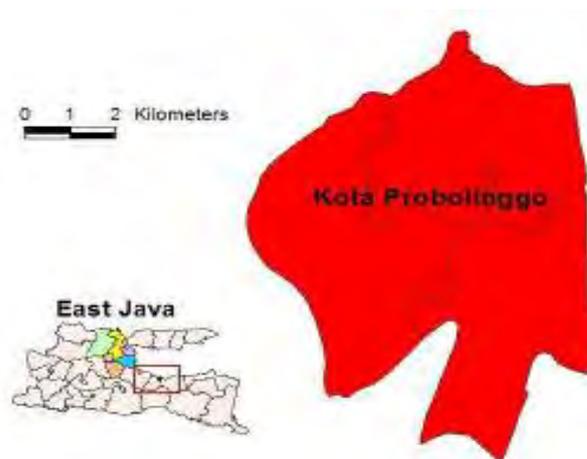
- Support in the preparation of PDAM Corporate Plan through serial trainings.
- IUWASH supported pilot of sludge management system. The facilitation is still on-going through a serial FGDs, includes technical, management, financial and regulation aspects

Component 3:

- Conducted visioning workshops for SKPDs and on the job training on financial projection.
- Preparation of PDAM Corporate Plan

Plan for Next Quarter Program:

- Workshop of Final PDAM Corporate Plan
- Review of water supply system
- Training on Microfinance revolving fund for sanitation facility
- Continue in facilitation of FGDs for Sludge Management System planning
- Capacity building for CBOs on installation of communal septic tanks, small-scale sewerage and individual septic tanks (under revolving fund)
- Raw water vulnerability assessments and climate change adaptation planning



Field visit in Sebodorejo village during comparative study of sanitarians, community groups and government staff to Jombang district to observe the construction of septic tank.

Partners Coordination:

- **PDAM** relation to the improvement of access and water supply services
- **Bappeda and Pokja AMPL**
- **Provincial Health Office** in training of CLTS
- **Local NGOs** for community based sanitation program planning.



Summary of City / District Profiles for South Sulawesi and Eastern Indonesia



Enrekang district:

- **Population:** 216,000 people.
- **Water Supply Challenge:** PDAM service coverage is only 49% & has a good resources of raw water supply.
- **Sanitation Challenge:** Poor perspective of people on improved hygiene behavior. No city sanitation plan and sewerage system.
- **IUWASH Approach:** Support PDAM to expand service coverage service up to 9,000 connection up to 2012 and development of Sanitation Working Group and sanitation strategic plan.

Makassar city (*):

- **Population:** 1,272,000 people.
- **Water Supply Challenge:** PDAM service coverage is 64%, has limited raw water source & been supported by JICA.
- **Sanitation Challenge:** Sanitation facilities generally without proper septic tanks.
- **IUWASH Approach:** Support PDAM to obtain long-term finance through PPP and develop city sewerage system.

Takalar district (*):

- **Population:** 253,000 people.
- **Water Supply Challenge:** PDAM service coverage of services is 27.2%, need to increase PDAM capacity to expand services.
- **Sanitation Challenge:** Sanitation facilities generally without proper septic tanks.
- **IUWASH Approach:** Support PDAM to reduce NRW and develop city sewerage system.

Pare Pare city:

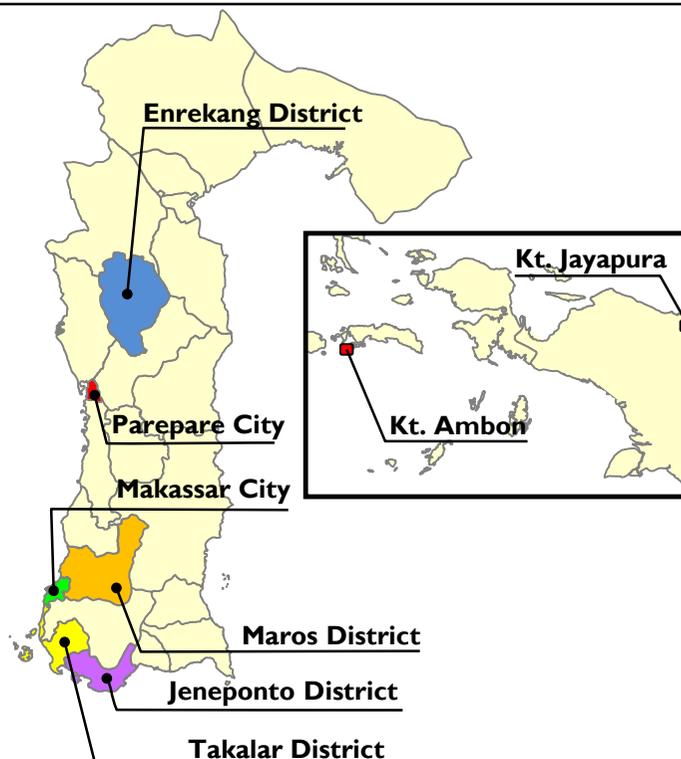
- **Population:** 129,000 people.
- **Water Supply Challenge:** PDAM coverage of services is 77%, need to increase PDAM production capacity.
- **Sanitation Challenge:** Sanitation facilities in each district are generally not yet improved and without proper septic tanks.
- **IUWASH Approach:** Support PDAM to construct dam and develop city sanitation plan.

Kota Jeneponto (*):

- **Population:** 334,000 people.
- **Water Supply Challenge:** PDAM coverage of services is only 10,7% and needs to expand PDAM production capacity to expand the services.
- **Sanitation Challenge:** Sanitation Working Group has been established but inactive.
- **IUWASH Approach:** Support PDAM to expand services through micro credit program and develop city sanitation plan & other sanitation programs.

Kota Ambon:

- **Population:** 330,000 people .
- **Water Supply Challenge:** PDAM service coverage is 13%, Non Renewable Water (NRW) rate is high (60.40%)
- **Sanitation Challenge:** Sanitation facilities in each district are generally not yet improved without proper septic tanks.
- **IUWASH Approach:** Support PDAM to reduce NRW, expand services, review city sanitation strategic plan, implement several sanitation program funded by National Government.



(*) IUWASH Partial Support

Maros district (*):

- **Population:** 303,000 people.
- **Water Supply Challenge:** PDAM service coverage is 49.3%, need to increase PDAM capacity to expand services.
- **Sanitation Challenge:** Open defecation rate is still high.
- **IUWASH Approach:** Support PDAM to reduce NRW and develop city sanitation plan.

Jayapura city & district:

- **Population:** 114,500 people (Jayapura city) and 114,515 for Jayapura district.
- **Water Supply Challenge:** PDAM service coverage is 52.1%, need to increase PDAM capacity to expand services, and high rate of NRW (50.1%).
- **Sanitation Challenge:** : People has poor perspective on improved hygiene behavior and sanitation facilities are generally not yet improved, without proper septic tanks.
- **IUWASH Approach:** Support PDAM on capacity building for water supply system from Lake Sentani and support Sanitation Working Group to review the city strategic sanitation plan and implement several sanitation program funded by National Government.

Section 4.5

SOUTH SULAWESI/EASTERN INDONESIA

Summary

This IUWASH Region has the largest expanse, covering the Province of South Sulawesi, the City of Ambon in Maluku Province, and the City and District of Jayapura in Papua Province. Their combined population is approximately 8,638,147 with a total combined surface area of 72,881 km². See the accompanying map for further details.



IUWASH began working in South Sulawesi in June 2011, meeting with provincial and local government leaders and conducting ten assessments of water supply and sanitation conditions, including the extent of PEMDA and PDAM commitment to improve watsan services. These assessments led to the selection of nine municipalities as IUWASH target areas beginning in FY1. These include the cities of Makassar, Parepare, Ambon and Jayapura, and the districts of Maros, Takalar, Jeneponto, Enrekang, and Jayapura.

Formal launching of the IUWASH Program was completed earlier in Jayapura and Ambon and was conducted for South Sulawesi target areas on 25 January 2012. The launch event was done in conjunction with a Seminar on “Provincial Government Partnership” to obtain inputs related to encouraging increased commitment for watsan services. The launching was attended by the Mayors of Jeneponto, Maros, Enrekang, Makassar and Parepare and Vice mayor of Takalar.

Activities Conducted

The activities conducted during in this Quarter are described below arranged by the five main themes of the IUWASH program:

1) Behavior Change Communication

- Coordinated and implemented STMB activities with the Health Department in Jeneponto, Takalar, Parepare, Ambon and Kota Jayapura;
- Socialized SLBM activity in four new locations of FY 2012 in Makassar;
- Socialized IUWASH program and PHBS activity in Buloa and Tallo of Makassar;
- Conducted CLTS ToT for sanitarian, health promotion officers and cadres of the Health Department in Parepare, including progress monitoring and evaluation;
- Prepared STBM Triggering Training in Jeneponto;

2) Urban Water Supply

- Finalized PDAM performance index for PDAM Enrekang, Parepare, Jayapura and Ambon. Indices for PDAM Maros, Makassar, Jeneponto and Takalar will be conducted in the following year (2012);
- Conducted coordination meeting with the Director of PDAM programs supported by IUWASH. This year, PDAM Makassar has target to increase 5,000 HH/year and to serve the 50,000 HH on waiting list of new connection;

- Surveyed and evaluated existing master meter conditions in Makassar. This program is a collaborative effort with CARE-UNICEF;
- Prepared Business Plan for PDAM Takalar, Enrekang, Parepare. Jeneponto and Ambon;
- Supported PDAM recruitment process of new technical staff for PDAM Jeneponto.
- Conducted GPS training for staff in PDAM Ambon and prepared training and technical assistance of pipeline mapping;
- Held discussion with Wakil Walikota of Kota Jayapura, PDAM and Pokja AMPL for the preparation the CSR Water Supply by Bank Mandiri Kota Jayapura.

3) Urban Sanitation

- Provided support to POKJA AMPL in Makassar, Ambon, Kota & Kab Jayapura and Maros. All the POKJA have a new SK POKJA and scheduled to start EHRA survey in Ambon. Kota Makassar has finished the white book and Kota Jayapura will start training EHRA survey. Maros started training for strengthening POKJA. Ambon and Jayapura plan to finish White Book in June 2011;
- Supported the presentation of POKJA AMPL in SKPD forum in preparation to join the PPSP program in 2013 for Takalar and Jeneponto;
- Provided support to SLBM (*Sanitasi Lingkungan Berbasis Masyarakat*) funded by APBN and Ausaid. IUWASH supported the establishment of Facilities Management Agency (Badan Pengelola Sarana) in four locations in Makassar and planned for three locations in Parepare, two locations in Ambon and two locations in Jayapura. Already 10% of households are connected to communal septic tanks in Makassar and 150 Households in Ambon. IUWASH conducted training on technical and non-technical aspects for eleven BPS with Tim Mobile MSMHP;
- Conducted discussion with Saker PLP to prepare the Jeneponto SLBM location in FY 2012 and highlight the sanitation technology, particularly the communal septic tank. IUWASH arranged a visit to the IATPI workshop in Makassar to observe communal DT made of fiber glass, which made Pokja Jeneponto very interested to adopt their own system;
- In collaboration with PEMDA Makassar, conducted training on WATSAN procedures for 100 cadres of POKJA SANITASI in 40 Kelurahan of Kota Makassar, funded by PEMDA. IUWASH joined as a trainer.

4) Governance

- Conducted discussion with USAID Water SMS on a potential collaborative activities between IUWASH and Water SMS. Participated in the multi-stakeholder dialogue on feedback mechanism. IUWASH expected to assist in strengthening the capacity of staff that will operate the system and to support the institutional arrangements at PEMDA level;
- Developed plan on program coordination for institutional arrangements by PEMDA, IUWASH and MSMHP related IPAL Communal and Sewerage system for Kota Makassar FY 2012-2015.
- Assessed the existing policies and budget allocation by Local Government partners in watsan sectors. Kota and Kab Jayapura existing policies were obtained by FTL in January 2012;
- Conducted consultation workshop on watsan in Takalar with 38 people, from IUWASH, PEMDA, PDAM, CARE, ACCESS, UNICEF, WISE, and NGOs. It was agreed that IUWASH will involved in SKPD Forum to observe the proposed watsan activities in APBD budgeting 2012-13;
- Conducted a public consultation workshop on watsan in Jeneponto, attended by 42 people from IUWASH, PEMDA, PDAM and NGOs;
- Conducted feedback mechanism FGD on Watsan in Kota Parepare attended by 16 people from IUWASH, PEMDA, PDAM and the City Health Forum. PDAM Parepare will build a system for SMS Center to serve 17,000 costumers. PEMDA Parepare asked IUWASH to continue the FGD with Kelurahan on existing watsan condition, and FGD for other SKPD related to watsan with the Dinas INFOKOM to discuss

how to optimize the current website & SMS Center of Kota Parepare as a feedback mechanism tools for every SKPD in Kota Parepare;

5) Municipal Finance

- Completed the baseline of LG budget (APBD) in 8 IUWASH locations and received feedback from the national coordinator;
- Finalized the Business Plan for PDAM Maros;
- Conducted on the job training for financial projection for PDAM Maros;
- Supported introduction of micro credit opportunities for PDAM Makassar and PDMA Jeneponto at end of March together with IUWASH national team;

Other Highlight

- Established a monthly meeting of donors at the donor coordination meeting in Makassar to discuss issues of Makassar where donors might be able to support . It was also agreed to setup a donor's mailing list as the information for all donor's in Makassar (Pokja_AMPL_Makassar@yahoo.com);
- Arranged the visit of USAID Mission Director, Glenn Anders to Kotaraja Dalam and Ardipura (Jayapura) on February 2, 2012 to see IUWASH program and encourage local government agencies to improve watsan services for citizens. There was a second visit by Deputy Director of USAID Environment Office, Ms. Aurelia Micko to same location on 22 March 2012.



Key Upcoming Events

Key events planned for the coming quarter in the Region are detailed in the following table:

| Event Title | Date | Type of Event | Venue |
|--|----------------|---------------------|-------------------------------------|
| Pre Bid Meeting for Ambon Small Grants | April 2012 | Meeting | Makassar and Ambon |
| Strategic of STBM implementation | April-May2012 | Workshop | Jeneponto, Ambon, Jayapura, Takalar |
| Capacity building for trigger cadre | April-May2012 | Training | Jeneponto, Takalar |
| FGD Feedback Mechanism on Watsan | April-May 2012 | Focus Group Discuss | Kota Parepare |

| Event Title | Date | Type of Event | Venue |
|----------------------------------|----------------|----------------------|------------------------|
| Workshop on Raw Water Protection | April–May 2012 | Workshop | Kota/Kab Jayapura |
| Micro credit Implementation | June , 2012 | Workshop | Makassar and Jenepono. |

Cluster Report

IUWASH understands that the key to achieving the results it targets lies in the successful implementation of activities at the local level. In order to better describe and track the project's activities and progress in each target location, IUWASH has developed cluster reports (one page each), which are introduced in this report.

In addition to improving project management, they are designed to better share information with the project's many local stakeholders as well as national government partners, concerned donor organizations and other interested parties. This report also target to be an easy tool to track the achievement of the program in each city.

The following pages will present the 8 cluster report of South Sulawesi and Eastern Indonesia (SS-EI) Region, namely:

- Kota Makassar
- Kabupaten Maros
- Kabupaten Takalar
- Kota Parepare
- Kabupaten Enrekang
- Kabupaten Jenepono
- Kota Ambon
- Kota and Kabupaten Jayapura

SOUTH SULAWESI – EAST INDONESIA, Makassar City

Summary

Makassar City has population is 1,272,349 people with PDAM coverage of 72%, representing total of 164,831 connections. The city's largest problem is lack of raw water and high NRW. Negotiations have been ongoing with private investors for financing additional raw water and IUWASH support has been requested in finalizing these programs.

In the sanitation sector, the PEMDA implemented SLBM program in three locations are funded by APBN and one location is funded by AUSAID, serving 425 families. PEMDA requested IUWASH support for the BPS (Badan Pengelola Sarana) and 'TIM MOBILE' initially setup by MSMHP (ADB).

Activities

Component 1

- Socialized SLBM activity in new 4 locations of FY 2012;
- Socialized IUWASH program and PHBS in Buloa and Tallo.

Component 2:

- Coordinated/Met with PDAM regarding plans to increase connections by 5,000 HH/year and to serve 50,000 HH on waiting list;
- Evaluated existing master meter condition in Makassar in collaboration with CARE-UNICEF;
- Provided support to POKJA AMPL in Kota Makassar to finalize the white book and plans for SSK development.
- Supported SLBM (*Sanitasi Lingkungan Berbasis Masyarakat*), establishment of Facilities Management Agency (Badan Pengelola Sarana) in four locations.
- Conducted training on technical and non-technical aspects for eleven BPS under collaboration with Tim Mobile MSMHP;
- In collaboration with the PEMDA, conducted training on WATSAN procedures for 100 cadres of POKJA SANITASI in 40 Kelurahan.

Component 3:

- Conducted discussion with USAID Water SMS on a potential collaborative activities between IUWASH and Water SMS;
- Participated in the multi-stakeholder dialogue feedback mechanism;
- Developed coordination plan for IUWASH and MSMHP related IPAL Communal and Sewerage system for FY 2012-2015.

Cross-cutting Program:

- Conducted gender training and team building for IUWASH staff.

Plan for Next Quarter Program:

- BPS training for technical and non-technical with Tim Mobile;
- Assistance the POKJA AMPL for starting the review SSK;
- Support PDAM on pipelines evaluation and customer reclassification
- Coordination with PU and FasKel to monitoring and evaluation;
- PHBS implementation in Sub District Buloa - District Tallo;
- FGD on Collaboration with MSMHP program in Makassar;
- FGD on preparation of UPTD IPAL policies and IPAL tariff line connection to the IPAL Communal;
- FGD on Collaboration with Water SMS program in Makassar
- Support program of debt structuring monitoring and micro credit;
- Data input of PDAM performance index;
- Micro finance comparative study to PDAM Kab. Kudus;



BUDI

Coordination meeting with IUWASH and all directors of PDAM-Makassar.

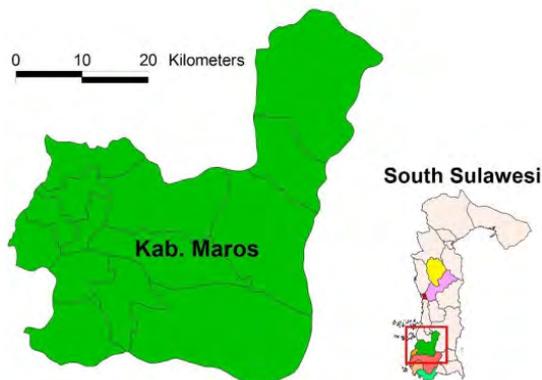
Partners Coordination:

- Collaboration IUWASH and CARE/UNICEF for Master Meter evaluation
- Coordination among Kelurahan Facilitator, PU, Health Depart., Bappeda and IUWASH on SLBM.
- Water SMS for potential collaboration in the future

SOUTH SULAWESI – EASTERN INDONESIA, Maros District

Summary

Kabupaten Maros is part of the Mamminasata Metropolitan Area with a total population of 317,151. PDAM services coverage is 23 %, total connection is 9,803 units and NRW around 41.34%. PDAM Maros have plans for establishing a public-private partnership for the Bantimurung Water Treatment Plant through the BOT scheme which will be assisted by Bappenas.



Activities

Component 2:

- Conducted on the job training on financial projection for PDAM Maros;
- Supported strengthening of Pokja AMPL Kab. Maros;
- Supported Pokja AMPL to revise the SK Pokja and data collection for the development of White Book and SSK.

Component 3:

- Conducted baseline data collection on policy and budget allocation for last 3 years.



RIDWAN HABIBIE

PDAM Maros, Financial Projection Training.

Plan for Next Quarter Program:

- Support Pokja AMPL on review the White Book and EHRA report and SSK report in April to May 2012;
- EHRA training in the end of April 2012;
- Training and technical assistance of distribution pipelines evaluation for technical staff;
- Workshop STBM implementation;
- FGD Feedback Mechanism on Watsan in Kabupaten Maros;
- On the job training of business plan and preparation;
- Data input of PDAM performance index.

Partners Coordination:

- Coordination among PU, Health Depart., Bappeda and IUWASH on STBM

SOUTH SULAWESI – EASTERN INDONESIA, Kabupaten Takalar

Summary

Kabupaten Takalar is part of the Mamminasata Metropolitan Area with a total population of 185,639. The total PDAM services coverage is 15 %, total connection is 4,112 units and NRW around 27%. Takalar District comprised of 9 kecamatan, 14 public health centers and 28 staff sanitarians.

STBM activities have been under way since 2009.



Activities

Component 1:

- Implemented STMB activities with Health Department.

Component 2:

- Supported the presentation of POKJA AMPL in the SKPD forum in preparation to join the PPSP program in 2013;
- Prepared performance index of PDAM Business Plan.

Component 3:

- Public consultation workshop on watsan resulting in donors and SKPD activities map from FY 2011 to FY 2015. It is agreed that IUWASH will be involved in SKPD Forum to observe the proposed activities related on watsan in budget public policy in Takalar for FY 2012-2013.



Public Consultation Workshop on watsan in Takalar (Photo: H M Singgih)

Plan for Next Quarter Program:

- Discuss with Saker PLP Dinas PU to prepare the SLBM location in Kab. Takalar;
- Workshop POKJA AMPL for introduction the PPSP program;
- Training and technical assistance of distribution pipelines evaluation;
- FGD Feedback Mechanism on Watsan in Kabupaten Takalar.
- Triggers Training of Trainer (ToT) on STBM and PHBS activities in 23 Sub-districts for Health cadres;
- On the job training of business plan;
- Data input of PDAM performance index.

Partners Coordination:

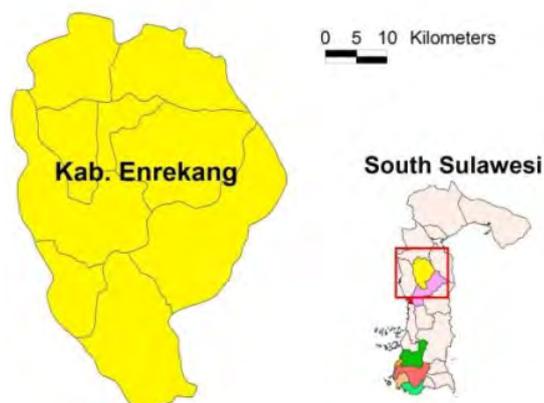
- Collaboration donor (IUWASH, CARE/UNICEF, ACCES-AusAid, PNPM) and SKPD for activities mapping (FY 2011 to FY 2015).

SOUTH SULAWESI – EASTERN INDONESIA, Enrekang District

Summary

PDAM coverage of Enrekang District is 40% of total population of 104,253 with 5,227 total connection units and reported NRW of around 22 %.

Enrekang has large water source potential through surface water which can be shared with neighboring PDAMs, like Pare Pare, which already has a Master Plan for Kota Parepare. Both Parties requested IUWASH to conduct raw water vulnerability assessment including financial analysis of the possibility and cost to transport raw (or treated) water from Enrekang to Pare Pare.



Activities

Component 2:

- Finalized the PDAM performance index;
- Prepared the development of business plan training.

Component 3:

- Collected the hardcopy of APBD budget for the last three years(2008-2011).



RIDWAN HABIBIE

Climate Change Adaptation Training.

Plan for Next Quarter Program:

- Training and Technical Assistance of pipeline mapping preparation based GIS program for technical staff;
- Training and technical assistance of distribution pipelines evaluation for technical staff;
- Workshop on Policy for Raw Water Protection in the Water resources;
- FGD Feedback Mechanism on Watsan in Kabupaten Enrekang;
- On the job training of business plan;
- Update data input of PDAM performance index.

Partners Coordination:

- PDAM Enrekang
- PDAM Pare Pare
- PEMDA
- Other Local stakeholders

SOUTH SULAWESI – EASTERN INDONESIA, Parepare City

Summary

PDAM coverage of Parepare City is 81 % of total population of 118,842 with 16,135 total connection units and reported NRW around 22 %. Shortage of raw water is a major problem facing the region. The Master Plan for Water Supply calls for improving service to the integrated economic development area (KAPET) of Ajjatapareng in Parepare City with raw water supplied from Kab. Enrekang.

IUWASH will work with Dinas PU kota Pare-Pare to facilitate the promotion of using the MCK++ in three locations and also socialization of PHBS for behavior of change in community.

Pare-Pare city consists of 22 villages. Each village has a healthy city forum with the goal to improve urban public PHBS activities. Parepare has six health centers and 44 sanitarian. IUWASH BCC activities will focus on strengthening the capacity of these sanitarians to improve hygiene behavior and healthy messages as well as implementation of STBM.

Activities

Component 1

- Held discussions with PEMDA (Bappeda, Dinas Kesehatan), PDAM, and NGOs regarding the implementation of STBM preparation. The activities will be conducted on three sites;
- Conducted ToT CLTS for sanitarian, health promoters and Kesling officials from the Health Department of Kota Parepare;
- Performed monitoring and evaluation following a CLTS ToT.

Component 2:

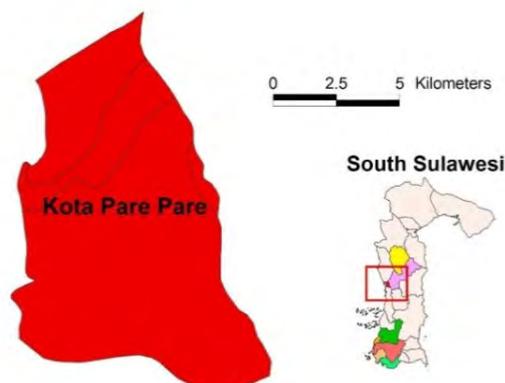
- Finalized PDAM performance index;
- Prepared business plan training;
- Supported the KSM in three locations with completion construction of Septic Tank communal and preparation for training O&M collaboration. IUWASH supported the community development and promotion activities.

Component 3:

- Collected the hard copy of APBD budget for the last three years (2008-2011) and completed information for Outcome EE 1;
- Completed FGD Feedback Mechanism on Watsan.

Plan for Next Quarter Program:

- Support the BPS organizing in three location SLBM and conduct the technical and non-technical training for BPS;
- Training and Technical Assistance of pipeline mapping based on GIS program for technical staff;
- Training and technical assistance of distribution pipelines evaluation for technical staff;
- FGD Feedback Mechanism on Watsan, with Dinas INFOKOM to discuss using City website and SMS Center by SKPD related to watsan as feedback mechanism tool;
- FGD Feedback Mechanism on Watsan with 22 Kelurahan Facilitators and assessed existing community-level watsan services;
- STBM Workshop for decision maker (leader SKPD) Kota Parepare;
- Triggers Training for city cadres “forum kota sehat” Kota Parepare;
- On the job training of business plan and finalization;
- Update data input of PDAM performance index



PHBS socialization in SLBM Location.

Partners Coordination:

- Collaboration among IUWASH and LG (Pokja AMPL), NGOs to STBM Training Preparation.

SOUTH SULAWESI – EASTERN INDONESIA, Jeneponto District

Summary

Total population of Jeneponto District is 334,175 people. The PDAM coverage area is 10.7 % which total connection is 5,708 units and NRW around 19.2 %. The APBN programs in 2010/2011 of WTP 10 LPS include main distribution pipelines already installed and will receive additional WTP 10 LPS including main distribution pipelines on the APBN program in 2011/2012. In 2010, PDAM Jeneponto submitted a debt restructuring document to the Financial Department have yet to receive information on the status of the documents.

Jeneponto consists of six districts. There are as many as thirty sanitarians scattered in all health centers, hospitals and health authorities. STBM activities have been running since early 2010 at the instruction of the Bupati No. 2/2010 on the implementation of the STBM.

Activities

Component 1

- Implemented STMB activities with Health Department in Kabupaten Jeneponto;
- Prepared triggering training.

Component 2:

- Supported PDAM recruitment process of new technical staff;
- Conducted business plan training and performance index data input;
- Supported the presentation of POKJA AMPL in the SKPD forum in preparation to join the PPSP program in 2013;
- Discussed with Saker PLP the preparation of the SLBM location in FY 2012 and highlighted the sanitation technology particularly the septictank communal system. Hosted IATPI workshop to see the communal ST fiber glass which resulting in interest for adoption of the system.

Component 3:

- Conducted “Public Consultation on Water and Sanitation” workshop in Jeneponto resulting in the agreement that IUWASH will be involved in the SKPD Forum to observe the proposed activities related on watsan in budget public policy for FY 2012-2013.

Plan for Next Quarter Program:

- Assessment of condition of MCK++ and communal ST in four locations;
- Discuss with Saker PLP to plan the SLBM location in FY 2012;
- Preparation of the community for SLBM program in FY 2012;
- Training and technical assistance of pipeline mapping preparation based GIS program;
- FGD Feedback Mechanism on Watsan in Kabupaten Jeneponto;
- Implementation of STBM strategy workshop with health depart;
- Implementation of Triggres Training;
- On the job training of business plan;
- Data input of PDAM performance index;
- Micro finance comparative study to PDAM Kab. Kudus



PHOTO: MUCH. ZUHRI

PDAM Jeneponto, Introduction to candidates of the new technical staff.

Partners Coordination:

- IUWASH support PDAM on technical staffs recruitment.
- Collaboration IUWASH, LG, NGO and university on Workshop “Public Consultation on Water and Sanitation”.
- Collaboration with Pokja AMPL, Health Depart. on STBM training preparation.

SOUTH SULAWESI – EASTERN INDONESIA, **Ambon City**

Summary

Total population of Ambon City is 340,427. PDAM coverage is 15,6 % with 8,857 connections and high level of NRW around 64.4 %. PT. DSA is private operator in Ambon with also around 9,000 connections. PDAM Ambon has already received the intake facilities and distribution pipelines for Desa Passo funded by APBN 2010/2011 and Satker province which guarantees that PDAM can also receive additional distribution pipelines development by APBN 2011/2012, provided there is good DED for whole system.

There is a sanitation program for SLBM APBN in Kayu Tiga Kec. Sirimau and Kate-Kate Kec. Teluk Baguala will cover 325 households and has started connecting households in December 2011. Kota Ambon has 22 health centers spread across five districts. STBM and PHBS activities will focus on giving insight to the SKPD leaders which will increase their commitment on STBM issues.

Activities

Component 1

- Implemented STMB activities with the Health Department.

Component 2

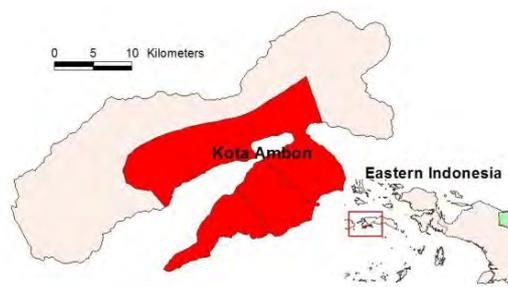
- Conducted GPS Training for PDAM staff of Kota Ambon and technical assistance of pipeline mapping;
- Prepared business plan training and finalization of PDAM performance index;
- Supported POKJA AMPL on training and EHRA questionnaire. The survey started in March will finish in June, with budget from APBD 2012 and a trainer from IUWASH and PPSP program;
- Assisted the Kayu Tiga community to implement household connections to communal septic tanks. 150 HH have been connected.

Grant Program

- SOW on Sanitation for Grants program was approved and ready for pre-application meeting. The grant program will cover the four kecamatan in Kota Ambon through the development of Master Plan Waste Water and Small Sewerage pilot project.

Plan for Next Quarter Program:

- FGD for BPS Organizing in Kayu Tiga and Kate Kate;
- Workshop for data entry for advanced EHRA training;
- Pre bid meeting small grant program (small sewerage system);
- Training and TA of pipeline mapping preparation based GIS program;
- Training and technical assistance of distribution pipelines evaluation
- Support PDAM on DED water supply in desa Passo through PO;
- FGD for water protection regulation;
- Implementation of STBM activity;
- Monitoring the house connection of IPAL Communal and PHBS program in Dusun Kayu tiga and Kate-kate;
- On the job training of business plan and finalization;
- Update data input of PDAM performance index.



SELVIANA HEHANUSSA

Training EHRA for Enumerator dan Pokja AMPL.



PDAM AMBON

PDAM Ambon, GPS Training.

Partners Coordination:

- Coordination between Pokja AMPL (especially with Health Depart.) and IUWASH.

SOUTH SULAWESI – EASTERN INDONESIA, Jayapura District and City

Summary

PDAM service coverage for Jayapura District and Jayapura City is around 50% of the total population with 27,027 connections and one PDAM serving both areas. The main problems in the area include a high rate of NRW (above 50%), low billing efficiency, large number of illegal connections, and lack of sustainable raw water sources. In the APBN program in 2010/11, a commitment was made for water supply system development in Kotaraja Timur by PDAM with Kotaraja Dalam receiving financial support from APBN 2011/12. Support is contingent on the PDAM receiving technical support (from IUWASH) to review and improve the current design of the network and deploy a new raw water supply system utilizing water from Lake Sentani.

Jayapura has no sewerage system and few communal sanitation systems, making population rely on individual septic tanks, which are often of poor quality. They also practice open defecation. Improved infrastructure is required, combined with intensive behavior change programs to protect people's health and the environment, especially Lake Sentani, which will be the future water source for Jayapura.

Activities

Component 1:

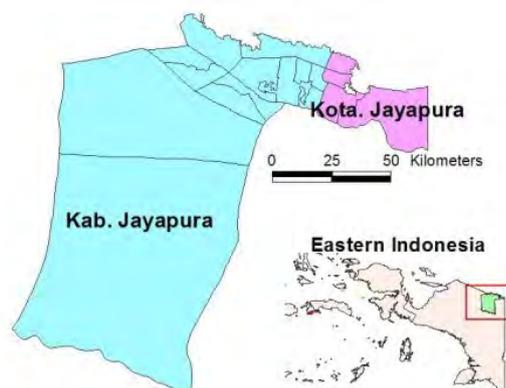
- Implemented STMB activities with Health Department in Kota Jayapura.

Component 2:

- Conducted Ultrasonic Flow Meter Training for PDAM Jayapura technical staff;
- Conducted business plan training and finalization of PDAM performance index;
- Conducted POKJA AMPL workshop for EHRA survey and secondary data for White Book and SSK;
- Assessed the KSM in Ardipura and Pasir Dua to build the MCK++, which will provide access to 200 households and a school. The construction budget is from DAK APBN; IUWASH will supervise KSM especially for drawing construction and visits to the SANIMAS location to see the similar system;
- Held discussions with Vice Mayor, PDAM and Pokja AMPL for the preparation of the CSR Water Supply by Bank Mandiri Kota Jayapura.

Plan for Next Quarter Program:

- Support Pokja AMPL on review the White Book and EHRA report and SSK report;
- FGD on Policy for Illegal Connection and Raw Water protection in Kota and Kabupaten Jayapura;
- FGD Feedback Mechanism on Watsan in Kota and Kab Jayapura;
- STBM Workshop for decision maker (leader) of SKPD to increase the commitment;
- Socialization STBM and PHBS in SLBM location;
- Training and technical assistance of distribution pipelines evaluation for PDAM Jayapura;
- Support PDAM Jayapura for preparation of DED water supply system in Kotaraja Dalam, sub Distrik Abepura - Papua, by PO;
- On the job training of business plan;
- Update data PDAM input of performance index.



JOHANNES VALENTINO

MCK++ facilities in Kelurahan Pasir Dua.

Partners Coordination:

- Coordination FTL, PU, Bappeda and Health Department on STBM activity
- Collaboration with DF WASH Program Unicef

Section 5

PROJECT MONITORING & EVALUATION

INTRODUCTION

This section presents progress toward IUWASH Results and Outcomes based on indicators developed and presented in the IUWASH Performance Monitoring Plan (PMP). IUWASH progress in these areas is presented under the following headings:

- High Level Results/MDG Outcomes (HR)
- Component 1: Mobilize Demand for Improved Water and Sanitation Services (MD)
- Component 2: Improve Capacity to Provide Sustainable Safe Water and Sanitation Services (IC)
- Component 3: Create an Enabling Environment Supporting Equitable Water and Sanitation Services (EE)

Under the above format, progress under the heading of High Level Results represents cumulative achievements by the project's three technical components of the project's main targets. Under each component, each outcome is described by indicator, annual target, total target over the life of the project, and progress registered to date. The outcomes highlighted in yellow contribute to the USAID Operational Plan (USAID OP) indicators.

This Quarter, IUWASH collected baseline data to measure the progress of several outcomes. The achievement of IUWASH outcomes were made for the following three outcomes: HR-4 (people trained), EE-3 (financial resources accessed for expansion of safe water supply and improved sanitation services) and EE-4 (new water connection under micro credit scheme). The IUWASH team will continue to work toward the achievement of the remaining outcomes and progress will be updated in the following reporting period.

IUWASH PROGRESS BASED ON PMP

Period: January – March 2012

| High Level Results (HR): MDG Outcomes | |
|--|---|
| HR.1. People gain access to improved water supply as a result of US Government assistance | |
| Indicator: a. Number of people in urban areas gain access to improved water supply as a result of US Government assistance b. Percent of households in urban area gain access to improved drinking water source a result of US Government assistance | Second Year Target: a) 248,750 people; b) TBD Total Target over the life of project: a) 2,000,000 people; b) TBD |
| Progress: Although achievement of this outcome is reported semi-annually, there was limited quantitative achievement that had been made during this reporting. This Quarter, IUWASH received an additional indicator under this outcome that will be contributed to the OP indicator (second indicator as stated above). During this period, IUWASH focused on the implementation of the baseline survey for PDAM connections and the development of tool and target for the baseline and intake form for new indicators. The baseline data for the number of people who have access to safe water supply was collected from 24 PDAMs. IUWASH identified 29 PDAMs partners for Year 1 and 2, collecting baseline data from 24 PDAMs since the remaining 5 PDAMs began working with IUWASH during this Quarter. Results from this baseline survey showed connections from existing IUWASH PDAM partners total 1,355,161 household connections that give benefit to 7,133,960 people . This figure will be used to monitor the progress of this outcome. The detailed result of the baseline is attached in Annex 4.1. The actual achievement of both indicators of this outcome for this year will be reported in the IUWASH Annual Report in September 2012. | |
| HR.2. People gain access to improved sanitation services as a result of US Government assistance | |
| Indicator: a. Number of people in urban areas gain access to improved sanitation facilities as a result of US Government assistance b. Percent of households in urban area gain access to improved sanitation facilities a result of US Government assistance | Second Year Target: a) 22,500 people; b) TBD Total Target over the life of project: a) 200,000 people; b) TBD |
| Progress: Although achievement of this outcome is reported semi-annually, there was limited quantitative achievement have been made during this reporting period due to IUWASH's focus on assessment activities and the initial stages of development for improved sanitation facilities. However, IUWASH team identified potential locations of development of community-based sanitation system in all regions. The detailed information of potential locations is attached in Annex 4.2 under the progress report of this outcome. IUWASH also received an additional indicator under this outcome that will be contributed to the OP indicator (second indicator as stated above) during this Quarter. Based upon above condition, this Quarter IUWASH focused on the development of tools for the baseline survey of this outcome (both indicators) and develop target for the new indicator. The baseline survey will be conducted every time IUWASH starts to develop improved sanitation facilities at the community level and city sewerage systems. The baseline survey will serve both indicators as stated above. The actual achievement of both indicators of this outcome for this year will be reported in the IUWASH Annual Report in September 2012. | |

High Level Results (HR): MDG Outcomes

HR.3 Per unit water cost paid by poor in targeted communities decreases by at least 20% through more participatory, transparent, and financially enabled services

Indicator: The per unit water cost paid by the poor in targeted communities decreases by at least 20% through more participatory, transparent, accountable and financially enabled services.

Second Year Target: N/A
Total Target over the life of project: 20%

Progress:

Although the achievement of this outcome is reported semi-annually, the actual quantitative achievement of this outcome is limited. During this Quarter, achievement of this outcome was focused on the development of the baseline survey. The baseline tools were established in collaboration with the Component I team. The baseline survey will be conducted every time IUWASH starts to develop community-based water supply and water for the poor programs, including microcredit programs. Achievement under this outcome for this year will be reported in next IUWASH Annual Report in September 2012.

HR.4 People trained in IUWASH training type of activities

Indicator: Number of people trained in IUWASH training type of activities

Second Year Target: 4,550 people
Total Target over the life of project: 50,000 people

Progress:

This Quarter, a total of **2,601 people** benefitted from IUWASH training-related activities, with a **33.42%** average participation rate for women. Total funds of **US\$64,915.47** were spent on training activities during this reporting period. This Quarter's achievement brings the total number of people trained to **4.177 people**, representing **8.35%** of the total target over the life of the program. The average rate of women's participation is **32.46%** and the total budget spent on training activities is **US\$88,053.31**. Detailed information on this achievement disaggregated by province can be found in Annex 4.3.

Component 1: Mobilize Demand for Improved Water and Sanitation Services (MD)

MD.1 Household willing to pay for sanitation improvements

Indicator: Number of households willing to pay for sanitation improvements

Second Year Target: 5,250 household

Total Target over the life of project: 40,000 households

Progress:

This reporting period represented a preparation stage for this outcome, conducting assessments and coordination with stakeholders to develop sanitation facilities. In order to gauge the willingness of people to pay for sanitation improvements, several initiatives have begun for improved sanitation services. Initial linkage programs support increasing local capacity in CLTS facilitation to reduce open defecation and develop communal septic tank and small sewerage system through collaboration with the SLBM Program (*Sanitasi Total Berbasis Masyarakat*). Also during this Quarter, IUWASH developed the baseline tools for this outcome. The baseline survey will be conducted once the community-based sanitation program is implemented. The achievement under this outcome for this year will be reported in next IUWASH Annual Report in September 2012.

MD.2 Civil society groups and/or government cadres implementing programs to mobilize improved access to safe drinking water and adequate sanitation

Indicator: Number of civil society groups and/or government cadres implementing programs to mobilize improved access to safe drinking water and adequate sanitation

Second Year Target: 40 civil society group and government cadre

Total Target over the life of project: 40 civil society groups and government cadres

Progress:

IUWASH is in the initial stages of supporting the increase capacity of civil society groups to improve access to safe water and adequate sanitation services. After initial stakeholder consultation, IUWASH continues to approach several other donors and programs to work more with the civil society groups. In the sanitation sector, IUWASH has coordinated with ADB/USRI to identify potential locations to implement a joint program. In Makassar, IUWASH works closely with Dinas PU and ADB/MSMHP to support the capacity building of the UPTD Sanitasi (Mobile Unit) through “software” activities to support the construction of 80 IPAL and communal latrines. In water supply sector, IUWASH supports PDAM on building the capacity of the PDAM promotional team. The achievement under this outcome for this year will be reported in next IUWASH Annual Report in September 2012.

MD.3. Civil society groups that report on PDAM operations or performance

Indicator: Number of civil society groups that report on PDAM operations or performance

Second Year Target: 8 civil society group

Total Target over the life of project: 20 civil society groups

Progress:

The main activities conducted in this Quarter to contribute to this outcome was supporting PDAM transparency and accountability in order to better define expectation of participation that comply with GOI regulations. IUWASH has contracted STTA to support the achievement of the outcome through May 2012. IUWASH will continue to measure the achievement in the next quarter.

| Component 1: Mobilize Demand for Improved Water and Sanitation Services (MD) | |
|--|---|
| MD.4. Sanitation for the poor toolkit developed | |
| Indicator: Number of sanitation for the poor toolkit developed | Second Year Target: 0 toolkit Total Target over the life of project: 1 toolkit |
| Progress: There has been limited qualitative achievement under this outcome. However, IUWASH continues to engage key stakeholders at national level to gain support and ownership on the toolkit development. IUWASH will continue to measure the achievement of this outcome in the next quarter. | |
| MD.5. Household increased adoption of improved hygiene practices | |
| Indicator: Percent increased of household that adopted improved health and hygiene practices | Second Year Target: 0% Total Target over the life of project: 20% |
| Progress: During this Quarter, IUWASH focused on building the commitment of GOI counterparts to support the development of the Sanitation for the Poor Toolkit. This is an important step for IUWASH since there are many toolkits that have already been developed by the Ministry of Public Works, Ministry of Health and Bappenas. This Quarter IUWASH met with the Bappenas Team to coordinate on this matter. More progress of this outcome will be reported in next Quarter. | |

| Component 2: Improve Capacity to Provide Sustainable Safe Water and Sanitation Services (IC) | |
|---|---|
| IC.1. PDAMs with improved technical, financial and management performance | |
| Indicator: Number of PDAMs with improved technical, financial and management performance | Second Year Target: 0 PDAM Total Target over the life of project: 50 PDAMs |
| <p>Progress: During this quarter, the IUWASH team completed all data collection and analysis of the IUWASH PDAM Performance Index, which is used to measure PDAM performance improvement as a result of IUWASH interventions. Detailed results of the baseline can be found in Annex 4.4. The baseline results showed that PDAM Kab. Enrekang has the lowest score of the PDAM performance index of 17.5 while the highest score of the index is for PDAM Kota Bogor of 61.1. The achievement on improved PDAM Performance Index for this year will be reported in IUWASH Annual Report in September 2012.</p> <p>Activities that have been conducted to support the improved PDAM Performance in this Quarter included: 1) NRW reduction for Water Utilities in DKI Jakarta, 2) energy efficiency with five PDAMs in Central Java and East Java through implementation of energy audit, 3) Development of PDAM accounting and customer billing systems for four PDAMs in North Sumatra, 4) cross visit of two PDAMs in West Java to PDAM Bandung to learn about on-line billing and accounting system and 5) support of eight PDAMs to optimize their distribution network through on-the-job technical and GIS training in North Sumatra, West and East Java and South Sulawesi.</p> | |
| IC.2. PDAMs in default of old debts are assisted in restructuring their outstanding debts | |
| Indicator: Number of PDAMs in default of old debts are assisted in restructuring their outstanding debts | Second Year Target: 6 PDAM Total Target over the life of project: 20 PDAMs |
| <p>Progress: Several key activities supporting this outcome were conducted during this Quarter, such as supported the monitoring of debt restructuring by Ministry of Finance for fourteen PDAMs in North Sumatera, West Java, Central Java, East Java, South Sulawesi and Kota Jayapura and continue to provide support in developing the PDAM's debt restructuring plans for 4 PDAMs in East Java and South Sulawesi (PDAM Kab. Lamongan, Kota Parepare, Kab. Enrekang and Kab. Maros). IUWASH support these PDAM on development of business plan (technical and non-technical plans) that will be included in their Financial Projection. The financial projection will be submitted as part of their debt restructuring plans. The actual achievement under this outcome will be updated in next Quarterly Report.</p> | |
| IC.3. PDAMs with improved creditworthiness | |
| Indicator: Number of PDAMs with improved creditworthiness | Second Year Target: 0 PDAM Total Target over the life of project: 20 PDAMs |
| <p>Progress: There was limited quantitative achievement this Quarter. Focus of IUWASH activities under this program is conducting test for the tool developed of the Creditworthiness Ladder (CWL). The tool was tested in Central Java and next Quarter will continue to obtain inputs from the credit rating firm Pefindo concerning the results of the pilot test, including any critiques or suggestions that they may have regarding ways to improve the CWL as an analytical tool. More progress made under this outcome will be updated in next Quarterly Report.</p> | |

| Component 2: Improve Capacity to Provide Sustainable Safe Water and Sanitation Services (IC) | |
|--|--|
| IC.4. Local government institutions implementing necessary climate change adaptation measures, based on preliminary raw water sources vulnerability assessment | |
| Indicator: Number of local government institutions implementing necessary climate change adaptation measures, based on preliminary raw water sources vulnerability assessment | Second Year Target: 6 Local Government Total Target over the life of project: 20 Local Governments |
| <p>Progress: IUWASH conducted raw water vulnerability assessments for twelve locations selected to participate in the Raw Water Security program. This Quarter, IUWASH developed Steps of Water Security and Climate Change Adaptation Framework to be used to identify threats to PDAM water sources and infrastructure impacted by climate change. Also, as a continuation of the Water Replenish program supported by the Coca-Cola Foundation Indonesia (CCFI), IUWASH signed an agreement with JKM and the CCFI to support the implementation of this program. More progress made under this outcome will be updated in next Quarterly Report.</p> | |
| IC.5. Local Governments implementing integrated sanitation and hygiene interventions reflected in their citywide sanitation strategic (CSS) plans | |
| Indicator: Number of local governments implementing integrated sanitation and hygiene interventions that reflect their citywide sanitation strategic plans | Second Year Target: 14 Local Government Total Target over the life of project: 20 Local Governments |
| <p>Progress: Progress under this outcome in this Quarter focused on the support for the PPSP program through the development of the White Book and SSK (City Sanitation Strategy) as well as the improvement of the septage management system. As part of the support to the PPSP Program, IUWASH conducted training for IUWASH staff who will facilitate the development of White Books and SSKs in seven cities and will review the existing White Books and SSKs in four cities. A series of meetings with the Ministry of Public Works and WSP have been conducted this Quarter to discuss the development of septage management system. IUWASH will continue to measure the achievement of this outcome in the next quarter.</p> | |
| IC.6. Small and medium business providing affordable construction and sanitation facility management services | |
| Indicator: Number of small and medium business providing affordable construction and sanitation facility management services | Second Year Target: 2 SME Total Target over the life of project: 30 SMEs |
| <p>Progress: There has been limited qualitative achievement under this outcome. However, several initiatives to achieve this outcome have been implemented during this Quarter. IUWASH reviewed an unsolicited proposal submitted by Mercy Corps on an innovative sanitation program in urban slums in Jakarta. An exposure visit to the TSSM (Total Sanitation, Sanitation Marketing) program implemented by WSP in Jombang was conducted and resulted in the inclusion of substantial SME involvement in the approved grant for triggering open defecation free area's along two large rivers in Sidoarjo and Surabaya. IUWASH continues to seek possibilities to strengthen the SME involvement in the septage sludge collection in Belawan (North Sumatra). More progress under this outcome will be reported next Quarter.</p> | |

Component 2: Improve Capacity to Provide Sustainable Safe Water and Sanitation Services (IC)

IC.7. Poor residents in targeted communities who report greater satisfaction with water and sanitation services

Indicator: Increased percentage (%) of poor residents in targeted communities who report greater satisfaction with water and sanitation services

Second Year Target: 0%

Total Target over the life of project: 20%

Progress:

There has been limited qualitative achievement under this outcome. IUWASH continued to conduct several customer satisfaction surveys that will be used as the basis for development of PDAM Corporate Plans. This Quarter, IUWASH also started to conduct master meter evaluations in seven sites (Kota Medan, DKI Jakarta, Kota Surakarta, Kab. Sidoarjo, Kota Surabaya, Kota Makassar and Kota Jayapura). These evaluations include the satisfaction of the poor on water supply services in their area. The progress under this outcome will continue to be measured in the next quarter.

| Component 3: Create an Enabling Environment Supporting Equitable Water and Sanitation Services (EE) | |
|--|---|
| EE.1 Participating local governments that put greater priority on safe drinking water and sanitation through supportive local policies and budget allocation increases | |
| Indicator: Number of participating local governments that put greater priority on safe drinking water and sanitation through supportive local policies and budget allocation increases | Second Year Target: 0 PDAM Total Target over the life of project: 50 Local Governments |
| <p>Progress: There has been limited qualitative achievement under this outcome. This quarter, the IUWASH team focused on analyzing the baseline data on local government budgets and policies supporting watsan sectors. This baseline will help IUWASH to measure the achievement of this outcome during the life of the project. The result of the baseline especially on the local government budget will also be used to calculate an investment baseline and establish a leveraging target for new investments under Outcome EE-3. From the baseline results, IUWASH identified 25 local policies fundamental to the overall functioning of the water and sanitation sector. The detailed result of this outcome is attached in Annex 4.5 and Annex 4.6. The achievement of this outcome for this year will be reported in IUWASH Annual Report in September 2012.</p> | |
| EE.2 PDAMs or local governments obtain access to long-term funding for water or sanitation investment plans | |
| Indicator: Number of PDAMs or local government obtain access to long-term funding for water or sanitation investment plans | Second Year Target: 1 PDAM Total Target over the life of project: 15 PDAMs |
| <p>Progress: There has been limited qualitative achievement under this outcome. This quarter, the IUWASH team has supported seven PDAMs to implement PPP projects to boost service coverage in West Java, Banten, Central Java and East Java Provinces. This support included the implementation of a financial analysis for a project in Kabupaten Tangerang that will add nearly 24,000 new connections. Also, a PPP workshop has been conducted in East Java region as part of the achievement of this outcome. A list of potential projects that have been identified can be found in Annex 4.7. IUWASH will continue to measure the achievement of this outcome in the next quarter.</p> | |
| EE.3. Percent increased (%) in financial resources accessed by service providers from public and private sources for expansion of improved Watsan services | |
| Indicator: Increased percentage (%) in financial resources accessed by service providers from public and private sources for expansion of improved water and sanitation services | Second Year Target: 0% Total Target over the life of project: 10% |
| <p>Progress: During this reporting period, the financial resources accessed by service providers from public and private sources for expansion of improved water and sanitation services totaled \$9,221,505. This figure comes from three program activities implemented in North Sumatra, West Java and Central Java. The detailed description of this achievement is attached in Annex 4.8. This figure represents 3.28% of the total target over the life of the program. The determination of baseline figure to measure the achievement of this outcome was conducted as part of the baseline activities on the Outcome EE-1. The target for this outcome is \$28 million (10% of the baseline figure) over the life of the project. More progress under this outcome for this year will be reported in the IUWASH Annual Report in September 2012.</p> | |

| Component 3: Create an Enabling Environment Supporting Equitable Water and Sanitation Services (EE) | |
|---|---|
| EE.4. Low income households accessing micro finance for household improvements in water and sanitation | |
| Indicator: Number of low income households accessing micro finance for household improvements in water and sanitation | Second Year Target: 3,600 households Total Target over the life of project: 40,000 households |
| Progress: This Quarter, IUWASH achieved a significant number of new connections under the micro credit scheme. A total of 775 new PDAM connections have been established in Kudus district under the Micro Credit Program with Bank Syariah Mandiri (BSM) and in Serang District with BRI Serang. This achievement represents 1.94% to the total target over the life of the program. The MoU of this program was signed on January 9, 2012 between Tirta Makmur Cooperative (PDAM owned cooperative) and BSM Kudus Branch. The detailed achievement of this outcome is attached in Annex 4.9. | |
| EE.5. Local Governments adopt new or improved mechanisms for citizens to engage local government in water and sanitation | |
| Indicator: Number of Local Governments adopt new or improved mechanisms for citizens to engage local government in water and sanitation | Second Year Target: 1 Local Government Total Target over the life of project: 20 Local Governments |
| Progress: There has been limited qualitative achievement under this outcome. This quarter, the IUWASH team focused on the completion of an inventory of existing citizen engagement mechanisms in the water and sanitation sector across each region. There are several feedback mechanisms that involve the participation of citizens. For example, in Kota Parepare (South Sulawesi), IUWASH undertook some exploratory discussions with the <i>Dinas Komunikasi dan Informasi</i> concerning ways in which to improve information flow between the local government and citizens. The Project will seek to develop an action plan with the <i>Dinas</i> in the next quarter to strengthen this critical communication channel. IUWASH will continue to measure the achievement of this outcome in the following quarter. | |

ANNEXES

ANNEX I: DATA OF SANITATION SUPPORT ACTIVITIES

| No | Regional/Cities | Activities | Method of implementation | Partners | Status |
|---------------------------------------|------------------|---|--|----------------------------------|----------------|
| A West Java/DKI Jakarta/Banten | | | | | |
| 1 | Kota Bogor | STBM Program | Technical Assistance for CLTS triggering at 5 pilot areas | Dinkes Kota Bogor | Implementation |
| 2 | Kota Bogor | Connection of Grey Water | Technical Assistance for connection promotion and institution strengthening | Pokja Sanitasi & Bappeda | Implementation |
| 3 | Kab Tangerang | STBM Program | Technical Assistance for CLTS triggering at 3 pilot areas | Dinkes Kab. Tangerang | Implementation |
| 4 | Kab. Karawang | Sanimas upgrading | Technical Assistance for MCK management | Cipta Karya and Dinkes | Implementation |
| 5 | DKI Jakarta | PD PAL service shallow sewer connection | Hardware provision support | PD PAL | Preparation |
| 6 | DKI Jakarta | INSIST | Grant | Mercy Corps | Preparation |
| 7 | DKI Jakarta | Flood Management support | Technical Assistance thru grant | PLP Jakarta/Jkt Flood Management | Preparation |
| 8 | DKI Jakarta | Watsan Package | Technical Assistance thru grant | Waternet | Preparation |
| 9 | Kota Tangerang | Community Base Sanitation System | Technical Assistance | | Preparation |
| 10 | Kota Serang | Community Base Sanitation System | Technical Assistance | | Preparation |
| B East Java | | | | | |
| 1 | Kota Probolinggo | STBM Program | Technical Assistance for CLTS triggering at RWs 8 pilot areas; | Dinkes Kota Probolinggo | Implementation |
| 2 | Kota Probolinggo | STBM Program | Grant at Sumber Taman | Dinkes Kota Probolinggo | In preparation |
| 3 | Kab Mojokerto | STBM Program | Technical Assistance for CLTS triggering at 4 Puskesmas (4 villages) pilot areas. | Dinkes Kab. Mojokerto | Implementation |
| 4 | Kab. Sidoarjo | STBM Program | Technical Assistance: synchronization with SSK/White book, and implementation @ 9 locations includes small grants implementation | POKJA Sanitations, PDAM | Implementation |
| 5 | Kota Surabaya | STBM Program | Technical Assistance STBM program implementation in 10 locations included of small grant | grantee | In preparation |

| No | Regional/Cities | Activities | Method of implementation | Partners | Status |
|--|-----------------|---|--|-----------------------|---|
| C Central Java | | | | | |
| 1 | Surakarta | Sewer System Connection by PDAM Kota Surakarta | Technical Assistance on promotion and grant on promotion capacity building | PDAM | In preparation for grant and implementation for direct assistance |
| 2 | Surakarta | Kampung sanitation | Grant | Pokja AMPL | In preparation |
| 3 | Kab Kendal | Communal Septic Tank | Grant | | In preparation |
| 4 | Kota Semarang | Communal Septic Tank | Grant | | In preparation |
| 5 | Kab. Kudus | Communal Septic Tank | Grant | | In preparation |
| D North Sumatra | | | | | |
| 1 | Tebing Tinggi | STBM and optimum use of existing communal latrine | Grant | NGO | In preparation |
| 2 | Tebing Tinggi | Community Sewerage system | Technical Assistance – thru PO | Emesi Consultant | Implementation |
| 3 | Tanjung Balai | STBM and Waste Water Communal System | Grant | NGO | In preparation |
| 4 | Tanjung Balai | STBM and optimum use of existing communal latrine | Grant | NGO | In preparation |
| 5 | Kota Medan | Sewer System Connection by PDAM Tirtanadi | Technical Assistance on promotion and promotion capacity building | PDAM | PO In preparation, other technical support is progress |
| 6 | Medan | Sludge Management | Technical Assistance and Grant | Dinas PU | In preparation |
| E South Sulawesi/East Indonesia | | | | | |
| 1 | Kota Makassar | SLBM support for supporting behavior change (hygiene and O&M) | Technical Assistance | USRI-PU Kota Makassar | Implementation |
| 2 | Kota Parepare | STBM Program | Technical Assistance | Dinkes Parepare | Implementation |
| 3 | Kab. Jeneponto | STBM Program | Technical Assistance | Pokja AMPL/ Dinkes | Implementation |
| 4 | Kota Ambon | Sanitation Services Improvement | Grant | Pokja San, Dinas PU | In preparation |
| 5 | Kota Makassar | Optimization of Watsan Management | Grant | Pokja San, Dinas PU | In preparation |

ANNEX 2: QUESTIONNAIRE

KUESIONER BIAYA AIR UNTUK PROGRAM PENINGKATAN AKSES AIR BERSIH MASYARAKAT

INFORMASI UMUM:

| Waktu Wawancara | |
|--|------------------------------------|
| No Kuesioner: _____ | Tanggal Wawancara: _____ |
| Lokasi | |
| Propinsi: | |
| 1. Sumut | 2. DKI Jakarta |
| 3. Jabar | 4. Banten |
| 5. Jateng | 6. Jatim |
| 7. Sulsel | 8. Maluku |
| 9. Papua | |
| Kabupaten (<i>isi nama kabupaten/kota lokasi</i>): | |
| Kecamatan (<i>isi nama kecamatan lokasi</i>): | |
| Desa/Kelurahan (<i>isi nama desa/kelurahan</i>): | |
| Nama Dusun/No. RW/No. Lingkungan (<i>isi nama dusun/No. RW/No. Lingkungan lokasi</i>): | |
| Nomor RT (<i>isi nomor RT lokasi</i>): | |
| Data Responden | |
| Nama Responden: _____ | Jenis Kelamin Responden: _____ L/P |
| Data Pewawancara | |
| Nama Pewawancara (<i>isi dengan nama pewawancara</i>): | _____ |
| Instruksi untuk Wawancara | |
| <ol style="list-style-type: none"> 1. Sebelum wawancara, baca <i>informed consent</i> dan wawancara hanya dilakukan bila responden bersedia 2. Bacakan pertanyaan-pertanyaan sesuai urutan 3. Di kolom pertanyaan, jangan membaca yang berhuruf KAPITAL. Itu adalah instruksi buat pewawancara 4. Bacakan hanya untuk pilihan jawaban yang DITULIS TEBAL (BOLD) 5. Lingkari pilihan jawaban yang tersedia dan/atau tulis di area yang tersedia (_____) 6. Jika tanpa pilihan, pewawancara bisa langsung mengisi dengan jawaban yang disebutkan oleh responden | |
| Informed Consent | |
| <p>Selamat pagi/siang/sore, Saya bekerja untuk IUWASH (Program Air Bersih dan Sanitasi Perkotaan) untuk melakukan survai tentang biaya pengeluaran untuk air bersih. Kami akan bertanya seputar air bersih dan biaya yang dikeluarkan untuk mendapatkan air bersih. Informasi Ibu/ Bapak akan dijaga kerahasiannya dan tidak akan diberikan pada siapapun. Lama wawancara sekitar 5 menit. Wawancara ini bersifat sukarela, tidak ada paksaan dan kami tidak membawa bantuan apapun. Apakah Ibu/ Bapak bersedia diwawancara?</p> <p>LANJUTKAN HANYA BILA JAWABANNYA YA</p> | |

| NO | PERTANYAAN | JAWABAN | KET |
|--|---|--|-----|
| A. Profil Rumah Tangga | | | |
| A1 | Boleh kami tahu nama Ibu/ Bapak? | | |
| A2 | Berapa jumlah orang yang tinggal di rumah ini? SIAPAPUN ASALKAN TIDUR DI RUMAH, TERMASUK PEMBANTU DLL | <input type="text"/> <input type="text"/> ORANG | |
| A.3 | Rata-rata pendapatan keluarga Bapak/ibu per bulan? | KURANG DARI RP 500.000 1 RP. 500.000 – RP. 1.000.000 2 RP. 1.000.000 – RP. 1.499.000..... 3 RP. 1.500.000 – RP. 1.999.000..... 4 RP. 2.000.000 – RP. 2.499.000..... 5 RP. 2.500.000 – RP. 2.999.000..... 6 RP. 3.000.000 – RP. 3.499.000..... 8 RP. 3.500.000 ATAU LEBIH..... 9 | |
| B. Kuantitas dan Biaya untuk Air Bersih Keluarga SEBELUM Menyambung ke Master Meter | | | |
| B.1 | Apa sumber air bersih yang dipakai oleh seluruh anggota keluarga bapak/ibu di rumah ini? AIR BERSIH YANG DIGUNAKAN UNTUK KEPERLUAN MINUM, MANDI, MENCUCI, DLL. | _____ | |
| B.2 | Berapa banyak volume pemakaian air bersih yang dipakai oleh seluruh anggota keluarga ibu dalam sehari? TANYAKAN PEMAKAIAN AIR PER HARI. TULISKAN UNIT YANG DIPAKAI SEPerti JIRIGEN, GALON, ETC. JIKA TIDAK DIKETAHUI VOLUME DALAM M3 | TOTAL: _____ M3/HARI JIKA MENGGUNAKAN UNIT YANG LAIN, SILAHKAN DITULIS DI SINI _____ /HARI (JIRIGEN/GALON/EMBER _____ LITER (CORET YANG TIDAK PERLU) LAINNYA, SEBUTKAN _____) | |
| B.3 | DIISI OLEH INTERVIEWER: Tuliskan volume pemakaian air bersih yang dipakai oleh seluruh anggota keluarga responden dalam sebulan ? | TOTAL: _____ M3/BULAN | |
| B.4 | Berapa banyak uang yang dikeluarkan oleh Ibu/Bapak untuk membayar air bersih untuk kebutuhan rumah tangga lainnya dalam sehari? | TOTAL: RP. _____/HARI | |
| B.5 | DIISI OLEH INTERVIEWER: Tuliskan total pengeluaran untuk pemakaian air bersih yang dipakai oleh seluruh anggota keluarga responden dalam sebulan ? | TOTAL: RP. _____/BULAN | |

| C. Kuantitas dan Biaya untuk Air Minum Keluarga SEBELUM Menyambung ke Master Meter | | | |
|--|---|---|-------|
| C.1 | Apakah Ibu/Bapak menggunakan sumber air khusus untuk air minum? PERTANYAAN INI KHUSUS UNTUK AIR MINUM SAJA | YA, SEBUTKAN _____ 1 TIDAK 2 | →STOP |
| C.2 | Berapa banyak volume pemakaian khusus untuk air minum yang dipakai oleh seluruh anggota keluarga bapak/ibu? TANYAKAN RESPONDEN AIR MINUM DISEDIAKAN DALAM UNIT WAKTU SESUAI DENGAN KONDISI RESPONDEN JIKA RESPONDEN MENGGUNAKAN UNIT VOLUME LAIN SEPERTI JIRIGEN, GALON, DLL, SILAHKAN DITULISKAN | TOTAL: _____ M3/HARI/MINGGU/BULAN (CORET YANG TIDAK PERLU) JIKA MENGGUNAKAN UNIT YANG LAIN, SILAHKAN DITULIS DI SINI _____ /HARI/MINGGU/BULAN (JIRIGEN/GALON/EMBER ___ LITER (CORET YANG TIDAK PERLU) LAINNYA, SEBUTKAN _____) | |
| C.3 | DIISI OLEH INTERVIEWER: Tuliskan volume pemakaian air minum yang dipakai oleh seluruh anggota keluarga responden dalam sebulan ? | TOTAL: _____ M3/BULAN | |
| C.4 | Berapa banyak uang yang dikeluarkan oleh Ibu/Bapak untuk membayar air minum untuk kebutuhan rumah tangga? | TOTAL: RP _____ / HARI/MINGGU/BULAN (CORET YANG TIDAK PERLU) | |
| C.5 | DIISI OLEH INTERVIEWER: Tuliskan total pengeluaran untuk pemakaian air minum yang dipakai oleh seluruh anggota keluarga responden dalam sebulan? | TOTAL: RP. _____ /BULAN | |

Selesai sudah wawancaranya. Terimakasih atas partisipasinya. Dari Ibu/ Bapak, apakah ada pertanyaan yang ingin disampaikan pada kami?

ANNEX 3: TRAINING, WORKSHOP AND SEMINAR ACTIVITIES IN QUARTER 2 PY2, JANUARY – MARCH 2012

| Type | Province | Title | Location | Starting Date | End Date | Participants | % Female | Budget (Rp) | Actual Cost (Rp) | | | |
|------------------------|------------------------------|---|--|---------------|--------------|--------------|---------------|--------------------|--------------------|--------------------|-------------------|--------------------|
| | | | | | | | | | Instruction | Trainee | Travel | Total |
| | | | | | Total | 2,601 | 33.42% | 745,573,500 | 165,457,800 | 323,365,143 | 95,416,300 | 584,239,243 |
| Focus Group Discussion | North Sumatra | IUWASH Gender Assessment in North Sumatera | 4 community groups in Kota Medan and kota Binjai | 11/10/2011 | 11/30/2011 | 64 | 50.00% | 10,350,000 | 2,600,000 | 701,000 | 0 | 3,301,000 |
| | North Sumatra | Fokus Grup Diskusi Permasalahan Sistem Master Meter dan Survey Kualitas Air Sumur Bor Kelurahan Bagan Deli Kota Medan | kelurahan Bagan Deli Kecamatan Medan Belawan | 3/7/2012 | 3/7/2012 | 19 | 52.63% | 4,550,000 | 4,125,000 | 150,000 | 0 | 4,275,000 |
| | West Java/Banten/DKI Jakarta | Sosialisasi Sosialisasi dan persiapan program small grant Kepada pemda dan masyarakat kab Serang, Desember 2011 | Desa Margasana, Desa Dermayon Kec Kramatwatu, Desa Domas Kecamatan Pontang dan desa lain yang kemungkinan akan diusulkan pemda | 12/1/2011 | 12/25/2011 | 12 | 91.67% | 2,850,000 | 457,500 | 364,410 | 0 | 821,910 |
| | West Java/Banten/DKI Jakarta | Survey Evaluasi Data Master Meter | RW 4 Kel. Jembatan Besi dan RW 12 Kel. Penjaringan DKI Jakarta | 2/17/2012 | 2/29/2012 | 19 | 57.89% | 740,000 | 0 | 734,800 | 0 | 734,800 |
| | Central Java | FGD Penyusunan Rencana Aksi Daerah AMPL Kota Semarang | Bappeda Office and IUWASH Office | 9/13/2011 | 11/25/2011 | 11 | 45.45% | 6,000,000 | - | 2,150,000 | - | 2,150,000 |
| | Central Java | FGD Penyusunan RAD AMPL Kabupaten Kudus | Kantor Bappeda Kabupaten Kudus | 9/29/2011 | 11/30/2011 | 16 | 31.25% | 5,000,000 | - | 600,000 | - | 600,000 |
| | Central Java | FGD Penyusunan RAD AMPL Kabupaten Kendal | Ruang Rapat Kantor Bappeda Kabupaten Kendal | 9/30/2011 | 11/30/2011 | 10 | 40.00% | 4,500,000 | - | 502,500 | - | 502,500 |
| | Central Java | IUWASH Gender Assessment in Central Java | 4 community groups in Kota Surakarta and Kab. Kendal | 11/10/2011 | 11/30/2011 | 48 | 54.17% | 10,350,000 | 965,700 | 1,793,400 | 0 | 2,759,100 |

QUARTERLY PROGRESS REPORT 4
JANUARY – MARCH 2012

| Type | Province | Title | Location | Starting Date | End Date | Participants | % Female | Budget (Rp) | Actual Cost (Rp) | | | |
|-----------------------------------|--|---|--|---------------|------------|--------------|-----------|-------------|------------------|-----------|-----------|------------------|
| | | | | | | | | | Instruction | Trainee | Travel | Total |
| Focus Group Discussion cont' | Central Java | Review Dokumen RAD AMPL Kabupaten Kendal | Kantor Bappeda Kabupaten Kendal | 1/18/2012 | 1/18/2012 | 17 | 35.29% | 540,000 | 4,500 | 535,500 | 0 | 540,000 |
| | Central Java | Assessment Calon Lokasi Program Hibah Septi Tank Komunal | Kantor Bappeda Kota Semarang | 2/8/2012 | 2/8/2012 | 12 | 25.00% | 600,000 | 0 | 600,000 | 0 | 600,000 |
| | Central Java | Diskusi Media: "Menguatkan Peran Media dalam Isu Air Bersih untuk Warga Miskin" | Kabupaten Kudus | 2/19/2012 | 2/19/2012 | 24 | 25.00% | 4,000,000 | 1,874,200 | 1,325,800 | 800,000 | 4,000,000 |
| | Central Java | FGD Penentuan Lokasi Kampung Sanitasi Kota Surakarta di Bappeda Kota Surakarta 28 Februari 2012 | Bappeda Kota Surakarta | 2/28/2012 | 2/28/2012 | 24 | 37.50% | 2,600,000 | 600,000 | 2,000,000 | - | 2,600,000 |
| | Central Java | Diskusi Penyusunan Proposal Pembangunan Sanitasi yang Ditawarkan Kepada Sektor Swasta | Bappeda Kota Semarang | 3/6/2012 | 3/6/2012 | 20 | 30.00% | 0 | 0 | 0 | 0 | No budget needed |
| | East Java | FGD for Community willingness to connect and pay water access to PDAM Probolinggo | 6 neighborhood in Probolinggo City | 12/13/2011 | 12/15/2011 | 61 | 55.74% | 8,460,000 | 3,810,000 | 675,000 | 0 | 4,485,000 |
| | East Java | Triggering CLTS/ STBM on 4 new locations in Kedopok and Wonoasih - Probolinggo | Kedopok and Wonoasih - Probolinggo | 1/30/2012 | 2/8/2012 | 145 | 55.86% | 8,000,000 | 4,042,000 | 0 | 2,350,000 | 6,392,000 |
| | East Java | CLTS/STBM Triggering Kabupaten Mojokerto, 20 February 2012 | Mojolangu, Parengan, Lespadangan, Bangsal. | 2/20/2012 | 2/20/2012 | 53 | 60.38% | 8,450,000 | 3,910,500 | 3,178,500 | 1,280,000 | 8,369,000 |
| | South Sulawesi/ Eastern Indonesia | IUWASH Gender Assessment in South Sulawesi | 4 community groups in KOta Takalar and Maros | 11/10/2011 | 11/30/2011 | 40 | 45.00% | 10,350,000 | 707,700 | 818,700 | 0 | 1,526,400 |
| | South Sulawesi/ Eastern Indonesia | FGD and Assessment the Facilities Management Agency (BPS) in 5 locations | Meeting Room Dinas PU Kota Makassar | 3/12/2012 | 3/12/2012 | 22 | 22.73% | 2,050,000 | 782,500 | 0 | 550,000 | 1,332,500 |
| South Sulawesi/ Eastern Indonesia | FGD Feedback Mechanism(FM) on Watsan in Kabupaten Jenepono | Bappeda Meeting Room | 3/14/2012 | 3/16/2012 | 21 | 28.57% | 5,910,000 | - | 950,000 | - | 950,000 | |

**QUARTERLY PROGRESS REPORT 4
JANUARY – MARCH 2012**

| Type | Province | Title | Location | Starting Date | End Date | Participants | % Female | Budget (Rp) | Actual Cost (Rp) | | | |
|------------------------------|-----------------------------------|--|--|---------------|------------|--------------|----------|-------------|------------------|-------------|------------|-------------|
| | | | | | | | | | Instruction | Trainee | Travel | Total |
| Focus Group Discussion cont' | South Sulawesi/ Eastern Indonesia | FGD Feedback Mechanism on Watsan in Kabupaten Enrekang | Kabupaten Enrekang | 3/19/2012 | 3/21/2012 | 17 | 17.65% | 4,425,000 | - | 695,000 | - | 695,000 |
| | South Sulawesi/ Eastern Indonesia | Capacity Building of POKJA AMPL for Review the SSK document | Meeting Room of Bappeda Kota Makassar | 3/26/2012 | 3/26/2012 | 29 | 20.69% | 2,250,000 | 0 | 1,153,750 | 0 | 1,153,750 |
| Traning of Trainers | North Sumatra | Training of Trainers Orientasi Sanitasi Total Berbasis Masyarakat | Dinas Kesehatan Kota Tebing Tinggi | 12/13/2011 | 12/15/2011 | 101 | 51.49% | 2,534,000 | 179,300 | 2,106,225 | 0 | 2,285,525 |
| | South Sulawesi/ Eastern Indonesia | ToT CLTS for sanitarian, Promkes and Penyuluh dinas Kesehatan Kota Parepare | Kota Parepare | 2/13/2012 | 2/17/2012 | 23 | 65.22% | 22,200,000 | 7,327,700 | 9,115,200 | 4,600,000 | 21,042,900 |
| Traning Course | North Sumatra | Training "Raw Water Assessment + Climate change Adaptation Plan, Support for collaboration with Coca Cola to construct 800 infiltration ponds" | IUWASH Medan Office | 1/11/2012 | 1/12/2012 | 20 | 25.00% | 700,000 | 0 | 592,460 | 0 | 592,460 |
| | North Sumatra | Training Penilaian Cepat - Sanitasi Kota | Kantor Bappeda - Kota Pematang Siantar | 2/16/2012 | 2/16/2012 | 10 | 20.00% | 450,000 | 0 | 144,000 | 0 | 144,000 |
| | West Java/Banten/ DKI Jakarta | Pelatihan STBM bagi Fasilitator Desa | Ruang meeting Puskesmas Kecamatan Balaraja, Tangerang | 3/6/2012 | 3/9/2012 | 36 | 47.22% | 38,215,000 | 5,156,750 | 7,166,227 | 12,300,000 | 24,622,977 |
| | West Java/Banten/DKI Jakarta | Real Demand Survey PDAM Tirta Patriot Kota Bekasi | PDAM Tirta Patriot Kota Bekasi | 3/8/2012 | 3/30/2012 | 18 | 11.11% | 19,670,000 | 17,670,000 | 2,000,000 | - | 19,670,000 |
| | National | Training on CSS Development for IUWASH Team | Hotel Anggrek, Jl. LL.R.E. Martadinata No. 15, Bandung . | 2/19/2012 | 2/26/2012 | 37 | 37.84% | 285,337,000 | 79,678,000 | 152,631,000 | 38,860,400 | 271,169,400 |
| | Central Java | Pelatihan Enumerator Survey Baseline Sambungan Air Limbah Kota Surakarta | Kantor PDAM Surakarta | 11/23/2011 | 11/24/2011 | 28 | 50.00% | 3,160,000 | 1,697,000 | 1,800,000 | 0 | 3,497,000 |

QUARTERLY PROGRESS REPORT 4
JANUARY – MARCH 2012

| Type | Province | Title | Location | Starting Date | End Date | Participants | % Female | Budget (Rp) | Actual Cost (Rp) | | | |
|----------------------|---|--|---|---------------|------------|--------------|----------|-------------|------------------|-----------|------------|------------------|
| | | | | | | | | | Instruction | Trainee | Travel | Total |
| Traning Course cont' | Central Java | Pelatihan Enumerator Survai Kepuasan Pelanggan Sambungan Air Minum PDAM Kabupaten Semarang | PDAM Kabupaten Semarang | 1/9/2012 | 1/11/2012 | 21 | 23.81% | 0 | 0 | 0 | 0 | No budget needed |
| | Central Java | Pelatihan Enumerator Survai Kepuasan Pelanggan Sambungan Air Minum PDAM Kab Kendal | Aula Pertemuan PDAM Kab Kendal | 2/7/2012 | 2/8/2012 | 18 | 27.78% | 2,360,000 | 346,250 | 0 | 1,800,000 | 2,146,250 |
| | East Java | Training Corporate Plan PDAM Kota Probolinggo | PDAM Kota Probolinggo Office | 12/12/2011 | 12/13/2011 | 17 | 11.76% | 0 | 0 | 0 | 0 | No budget needed |
| | East Java | Serial Capacity Building for staff PDAM to develop Feasibility Study of PPP (part 6) | PDAM Gresik Meeting Room | 1/6/2012 | 1/6/2012 | 4 | 50.00% | 0 | 0 | 0 | 0 | No budget needed |
| | East Java | Training Corporate Plan PDAM Kota Probolinggo (part 2) | PDAM Kota Probolinggo Meeting Room | 1/12/2012 | 1/13/2012 | 11 | 18.18% | 0 | 0 | 0 | 0 | No budget needed |
| | East Java | Serial Capacity Building for staff PDAM to develop Feasibility Study of PPP (part 7) | PDAM Kab Gresik Meeting Room | 1/14/2012 | 1/14/2012 | 4 | 50.00% | 0 | 0 | 0 | 0 | No budget needed |
| | East Java | Training Corporate Plan PDAM Kota Probolinggo (Part 3) | PDAM Kota Probolinggo Meeting Room | 1/25/2012 | 1/26/2012 | 7 | 14.29% | 0 | 0 | 0 | 0 | No budget needed |
| | East Java | Pelatihan Survey Kepuasan Pelanggan | PDAM Probolinggo | 2/2/2012 | 2/8/2012 | 30 | 46.67% | 19,800,000 | 1,618,150 | 945,000 | 12,600,000 | 15,163,150 |
| | East Java | Training Corporate Plan PDAM Kota Probolinggo (Part 4) | PDAM Kota Probolinggo meeting room | 2/9/2012 | 2/10/2012 | 10 | 20.00% | 0 | 0 | 0 | 0 | No budget needed |
| | East Java | Refreshment Training STBM - Mojokerto | Health Department Offcie and 4 location in Mojokerto District | 2/13/2012 | 2/13/2012 | 28 | 64.29% | 4,575,000 | 1,469,750 | 1,027,500 | 1,150,000 | 3,647,250 |
| | South Sulawesi/ Eastern Indonesia | Introduction of IUWASH Activities and Preparation of Pokja AMPL Kabupaten Jayapura | Kantor Bupati Jayapura | 10/28/2011 | 10/28/2011 | 22 | 27.27% | 2,500,000 | 0 | 2,228,250 | 0 | 2,228,250 |

QUARTERLY PROGRESS REPORT 4
JANUARY – MARCH 2012

| Type | Province | Title | Location | Starting Date | End Date | Participants | % Female | Budget (Rp) | Actual Cost (Rp) | | | |
|----------------------|-----------------------------------|--|--------------------------------------|---------------|------------|--------------|----------|-------------|------------------|------------|-----------|------------|
| | | | | | | | | | Instruction | Trainee | Travel | Total |
| Traning Course cont' | South Sulawesi/ Eastern Indonesia | Introduction of luwash Activities and Preparation of Pokja AMPL Kota Jayapura | Ruang Rapat Kantor Walikota Jayapura | 10/27/2011 | 10/27/2011 | 37 | 35.14% | 2,500,000 | 0 | 2,475,000 | 0 | 2,475,000 |
| | South Sulawesi/ Eastern Indonesia | Training and Try Out for Anumerator EHRA for Pokja AMPL Kota Ambon | Meeting Room Walikota Office | 2/7/2012 | 2/9/2012 | 81 | 53.09% | 24,520,000 | 4,833,100 | 13,199,500 | 2,963,900 | 20,996,500 |
| | South Sulawesi/ Eastern Indonesia | Pelatihan dan pendampingan teknis penyusunan database pemetaan jaringan perpipaan kota Ambon, activity-#02 | Kantor PDAM Kota Ambon | 2/13/2012 | 2/24/2012 | 12 | 0.00% | 0 | 0 | 0 | 0 | 0 |
| | South Sulawesi/ Eastern Indonesia | Pelatihan untuk pengukuran debit menggunakan Ultrasonic Flow Meter (UFM) PDAM Jayapura | PDAM Jayapura | 2/24/2012 | 2/25/2012 | 18 | 0.00% | 1,680,000 | 0 | 1,736,000 | 0 | 1,736,000 |
| | South Sulawesi/ Eastern Indonesia | Pelatihan dan pendampingan teknis penyusunan database pemetaan jaringan perpipaan kota Ambon, activity-#03 | PDAM kota Ambon | 2/28/2012 | 2/29/2012 | 11 | 0.00% | 1,400,000 | 0 | 1,388,700 | 0 | 1,388,700 |
| Workshop | North Sumatra | Sosialisasi Survey Kualitas Air Tanah dan Kebutuhan Air Rumah Tangga Bukan Pelanggan PDAM di Kota Binjair | Kantor Kelurahan Berngam | 12/8/2011 | 12/8/2011 | 20 | 40.00% | 592,500 | 0 | 287,000 | - | 287,000 |
| | North Sumatra | Workshop Pre – Application Meeting - RFA-IUWASH-NS-001 – GRANT - USAID – IUWASH North Sumatera | Balai Rama, Hotel Tiara | 1/4/2012 | 1/5/2012 | 43 | 13.95% | 3,600,000 | 100,000 | 3,500,000 | 0 | 3,600,000 |

QUARTERLY PROGRESS REPORT 4
JANUARY – MARCH 2012

| Type | Province | Title | Location | Starting Date | End Date | Participants | % Female | Budget (Rp) | Actual Cost (Rp) | | | |
|-------------------|------------------------------|---|--|---------------|------------|--------------|----------|-------------|------------------|-----------|---------|-----------|
| | | | | | | | | | Instruction | Trainee | Travel | Total |
| Workshop Cont' | North Sumatra | Workshop & Site Visit Pre – Application Meeting - RFA-IUWASH-2012-NS-001 – GRANT - USAID – IUWASH North Sumatera (Medan, Tebing Tinggi, Tanjung Balai) | Medan, Tebing Tinggi, Tanjung Balai | 2/28/2012 | 3/1/2012 | 56 | 25.00% | 16,225,000 | 1,250,000 | 4,846,800 | 660,000 | 6,756,800 |
| | North Sumatra | Kegiatan Lokakarya (Kick off Meeting) Strategi Implementasi Sistem Informasi dan Sistem Komputerisasi Akuntansi (SISKA) PDAM | Kota Medan | 3/6/2012 | 3/6/2012 | 30 | 50.00% | 15,440,000 | 640,000 | - | - | 640,000 |
| | North Sumatra | Workshop Hasil Survey Kualitas Air Tanah dan Kebutuhan Air Rumah Tangga Bukan Pelanggan PDAM di Kota Binjai | Bappeda Kota Binjai | 3/8/2012 | 3/8/2012 | 35 | 34.29% | 4,365,000 | 1,665,800 | 340,000 | 0 | 2,005,800 |
| | North Sumatra | Workshop Launching Team POKJA Untuk Promosi Sambungan Air Limbah | Kelurahan Pandau Hulu II - Kota Medan | 3/29/2012 | 3/29/2012 | 115 | 20.00% | 14,090,000 | 500,000 | 4,075,050 | 0 | 4,575,050 |
| | West Java/Banten/DKI Jakarta | Pre Bid Program Grants, Jakarta Urban Community-Based Sewerage System Project | Java Meeting Room IUWASH and Kecamatan Setiabudi & Tebet | 10/4/2011 | 10/5/2011 | 46 | 43.48% | 1,500,000 | 0 | 659,000 | 700,000 | 1,359,000 |
| | West Java/Banten/DKI Jakarta | Penandatanganan Dokumen kesepakatan bersama dan Ekspose hasil Pembelajaran STBM | Ruang Rapat Walikota Bogor | 11/2/2011 | 11/2/2011 | 47 | 14.89% | 1,300,000 | 1,400,000 | 0 | 0 | 1,400,000 |
| | West Java/Banten/DKI Jakarta | Peresmian Kerjasama Program Peningkatan Akses Air Minum antara PDAM Tirta Al Bantani, Indonesia Urban Water, Sanitation and Hygiene (IUWASH) dan Bank Rakyat Indonesia (BRI) Serang | Pendopo Bupati Serang | 11/10/2011 | 11/10/2011 | 52 | 88.46% | 2,525,000 | 544,000 | 2,125,000 | 0 | 2,669,000 |

QUARTERLY PROGRESS REPORT 4
JANUARY – MARCH 2012

| Type | Province | Title | Location | Starting Date | End Date | Participants | % Female | Budget (Rp) | Actual Cost (Rp) | | | |
|-------------------|------------------------------|---|--|---------------|------------|--------------|----------|-------------|------------------|------------|---------|------------|
| | | | | | | | | | Instruction | Trainee | Travel | Total |
| Workshop Cont' | West Java/Banten/DKI Jakarta | Penandatanganan Dokumen kesepakatan bersama dan Ekspose hasil Pembelajaran STBM | Ruang Rapat Walikota Bogor | 11/2/2011 | 11/2/2011 | 47 | 14.89% | 1,300,000 | 1,400,000 | 0 | 0 | 1,400,000 |
| | West Java/Banten/DKI Jakarta | Presentation / Meeting with Koperasi Abdi Kerta Raharja Kabupaten Tangerang | IUWASH Office | 3/22/2012 | 3/22/2012 | 12 | 66.67% | 975,000 | 300000 | 213500 | 450000 | 963,500 |
| | Central Java | Peresmian Kerjasama Peningkatan Akses Air Minum dan Sanitasi Perkotaan antara Pemerintah Kota Semarang dan IUWASH (Launching Program) | Ruang Pertemuan Balai Kota Semarang | 12/20/2011 | 12/20/2011 | 27 | 37.04% | 2625000 | 110,000 | 1,050,000 | 0 | 1,160,000 |
| | Central Java | Promosi dan Sosialisasi Sambungan Baru Air Bersih dan Air Limbah Bersama PDAM Kota Surakarta Desember 2011 | Nusukan Vilages, Kadipiro vilages, Mojosongo Vilages | 12/9/2011 | 12/30/2011 | 77 | 1.30% | 1,000,000 | 0 | 1,000,000 | - | 1,000,000 |
| | Central Java | Workshop Hasil Survai Baseline Sambungan Air Limbah Kota Surakarta | Kantor PDAM Kota Surakarta | 1/31/2012 | 1/31/2012 | 32 | 25.00% | 2,925,000 | 523,250 | 1,400,000 | 0 | 1,923,250 |
| | East Java | Public Consultation About Clean Water and Sanitation Kabupaten Lamongan | Aula Hotel Mahkota Jl. Sunan Derajad No 4 – 8 Kabupaten Lamongan | 12/13/2011 | 12/14/2011 | 74 | 27.03% | 12,455,000 | 1,410,800 | 10,372,500 | 850,000 | 12,633,300 |
| | East Java | Workshop of Revision Business Plan PDAM Kab Lamongan to follow up debt re structuring program of Ministry of Finance | Nayaka Pemda Meeting Room adn PDAM Kab Lamongan Meeting Room | 1/10/2012 | 1/11/2012 | 27 | 22.22% | 3,175,000 | 585,650 | 2,520,000 | 0 | 3,105,650 |
| | East Java | Institutional Assessment for Pokja Sanitasi Lamongan | Hotel Grand Mahkota, Lamongan | 1/11/2012 | 1/11/2012 | 15 | 20.00% | 4,573,000 | 1,138,500 | 2,847,000 | 500,000 | 4,485,500 |

**QUARTERLY PROGRESS REPORT 4
JANUARY – MARCH 2012**

| Type | Province | Title | Location | Starting Date | End Date | Participants | % Female | Budget (Rp) | Actual Cost (Rp) | | | |
|-------------------|---|--|---|---------------|-----------|--------------|----------|-------------|------------------|------------|-----------|------------|
| | | | | | | | | | Instruction | Trainee | Travel | Total |
| Workshop Cont' | East Java | Institutional Assessment for Pokja Sanitasi Mojokerto | Ruang Pertemuan Bappeda, Mojokerto | 1/18/2012 | 1/18/2012 | 20 | 25.00% | 3,565,000 | 1,127,000 | 1,830,850 | 600,000 | 3,557,850 |
| | East Java | Workshop koordinasi dan Persiapan Pemicuan di 4 lokasi | Aula Dinas Kesehatan Kota Probolinggo | 1/19/2012 | 1/19/2012 | 25 | 40.00% | 2,900,000 | 222,000 | 975,000 | 1,390,000 | 2,587,000 |
| | East Java | CLTS / STBM Team Facilitator Worskhop - Probolinggo | Dinas Kesehatan Kota Probolinggo Auditorium | 1/31/2012 | 1/31/2012 | 23 | 43.48% | 1,610,000 | 57,000 | 750,000 | 800,000 | 1,607,000 |
| | East Java | Workshop Arranging Budget for PPSP 2013 in Mojokerto | Meeting Room Bappeda Mojokerto | 2/15/2012 | 2/15/2012 | 0 | 0.00% | 2,437,500 | 152,000 | 1,725,000 | 300,000 | 2,177,000 |
| | East Java | Workshop Pre-Application Meeting for Grant RFA No 2012-EJ-001 and 2012-EJ-002 | Hotel Bumi Surabaya, Kali Surabaya, District of Sidoarjo, District of Probolinggo | 3/5/2012 | 2/7/2012 | 34 | 32.35% | 17,850,000 | 369,000 | 11,905,994 | 1,912,000 | 14,186,994 |
| | East Java | VISIONING WORKSHOP ABOUT DRINKING WATER AND SANITATION | Royal Trawas Hotel_Mojokerto | 3/15/2012 | 3/16/2012 | 19 | 21.05% | 19,979,500 | 1,658,000 | 12,243,577 | 5,200,000 | 19,101,577 |
| | South Sulawesi/ Eastern Indonesia | Worshop of Preparation to make the Review of White Book and City Sanitation Strategic Kabupaten Jayapura | Meeting Room of Bappeda Kabupaten Jayapura | 1/17/2012 | 1/18/2012 | 34 | 55.88% | 5,600,000 | 0 | 2,569,500 | 1,400,000 | 3,969,500 |
| | South Sulawesi/ Eastern Indonesia | Worshop of Preparation to make the Review of White Book and City Sanitation Strategic Kota Jayapura | Meeting Room of Bapedda Office Kota Jayapura | 1/19/2012 | 1/20/2012 | 29 | 37.93% | 5,600,000 | 0 | 3,100,000 | 1,250,000 | 4,350,000 |
| | South Sulawesi/ Eastern Indonesia | Launching SSEI IUWASH Program in Makassar | Hotel Imperial Arya Duta Makassar | 1/25/2012 | 1/25/2012 | 56 | 7.14% | 38,250,000 | 3,190,000 | 29,855,950 | 0 | 33,045,950 |

QUARTERLY PROGRESS REPORT 4
JANUARY – MARCH 2012

| Type | Province | Title | Location | Starting Date | End Date | Participants | % Female | Budget (Rp) | Actual Cost (Rp) | | | |
|----------------|-----------------------------------|--|--|---------------|------------|--------------|----------|-------------|------------------|-----------|---------|------------------|
| | | | | | | | | | Instruction | Trainee | Travel | Total |
| Workshop Cont' | South Sulawesi/ Eastern Indonesia | Workshop on Public Consultation about Drinking Water and Sanitation in Kabupaten Takalar | Bappeda Takalar meeting Room | 2/6/2012 | 2/6/2012 | 38 | 21.05% | 6,890,000 | 690,000 | 2,090,000 | 0 | 2,780,000 |
| | South Sulawesi/ Eastern Indonesia | Workshop on Public Consultation about Drinking Water and Sanitation in Kabupaten Jeneponto | Hotel Bintang Karaeng jl.H.V.Worang Jeneponto | 2/14/2012 | 2/15/2012 | 45 | 20.00% | 7,100,000 | 1,177,300 | 2,600,000 | 0 | 3,777,300 |
| | South Sulawesi/ Eastern Indonesia | Capacity Building Workshop for POKJA SANTASI Kelurahan in Kota Makassar | Hotel Mercure Kota Makassar | 3/13/2012 | 3/14/2012 | 93 | 60.22% | 0 | 0 | 0 | 0 | No budget needed |
| Advocacy Event | Central Java | Promosi Dan Sosialisasi Sambungan Baru Air Bersih dan Air Limbah Bersama PDAM Kota Surakarta Desember 2011 | Nusukan Vilages, Kadipiro vilages, Mojosongo Vilages | 12/9/2011 | 12/30/2011 | 77 | 1.30% | 1,000,000 | 0 | 1,000,000 | 0 | 1,000,000 |
| | North Sumatra | Lokakarya Jurnalis Peduli Lingkungan Sumatera Utara "Lindungi Sumber Air untuk Ketahanan Pangan dengan Penerapan STBM" | Medan | 3/21/2012 | 3/21/2012 | 65 | 30.77% | 10,550,000 | 1,391,900 | 0 | 150,000 | 1,541,900 |

ANNEX 4: ACHIEVEMENT OF IUWASH PMP OUTCOME, STATUS OF MARCH 2012

- 4.1. HR-1 People Access to Safe Water Supply**
- 4. 2. HR-2 People Access to Improved Sanitation Services**
- 4. 3. HR-4 People Trained in IUWASH Activities**
- 4. 4. IC-1 PDAM Performance Index**
- 4. 5. EE-1.a. Local Government Budget**
- 4. 6. EE-1.b. Local Government Policy**
- 4. 7. EE-2. Local Government Access Long-term Funding**
- 4. 8. EE-3. Financial Resources Accessed to Support Watsan Expansion**
- 4. 9. EE-4. Low Income Households Accessing Micro Finance on Watsan**

QUARTERLY PROGRESS REPORT 4
JANUARY – MARCH 2012

Indonesia Urban Water, Sanitation and Hygiene (IUWASH)

Baseline Summary of Number of People Get Access to Safe Water Supply (HR-1)

Status: March 2012

| No | Province | Baseline (Year 2011) | | | | Achievement of Year 2012 | | | | | TOTAL increased Households (per Province) | Remarks |
|--|--|----------------------|---------|------------|-----------|--------------------------|--------|------------|-------|---------------------------------------|---|---------|
| | | PDAM Connection | | | | PDAM Connection | | | | Non PDAM / Comm Based Connection (hh) | | |
| | | Domestic | Social | Commercial | Total | Domestic | Social | Commercial | Total | | | |
| A North Sumatra | | | | | | | | | | | | |
| 1 | PDAM Tirtanadi Kota Medan | 359,546 | 8,843 | 42,978 | 411,367 | N/A | N/A | N/A | N/A | N/A | | |
| 2 | PDAM Tirta Sari Kota Binjai | 10,107 | 173 | 1,232 | 11,512 | N/A | N/A | N/A | N/A | N/A | | |
| 3 | PDAM Tirta Kualo Kota Tanjung Balai | 15,556 | 348 | 1,806 | 17,710 | N/A | N/A | N/A | N/A | N/A | | |
| 4 | PDAM Tirta Bulian Kota Tebing Tinggi | 7,951 | 217 | 1,073 | 9,241 | N/A | N/A | N/A | N/A | N/A | | |
| 5 | PDAM Tirta Uli Kota Pematang Siantar | 52,821 | 526 | 1,291 | 54,638 | N/A | N/A | N/A | N/A | N/A | | |
| B West Java | | | | | | | | | | | | |
| 6 | PDAM Tirta Pakuan Kota Bogor | 93,360 | 1,649 | 4,606 | 99,615 | N/A | N/A | N/A | N/A | N/A | | |
| 7 | PDAM Tirta Patriot Kota Bekasi | 12,597 | 48 | 69 | 12,714 | N/A | N/A | N/A | N/A | N/A | | |
| 8 | PDAM Tirta Tarum Kabupaten Karawang | 45,983 | 236 | 1,883 | 48,102 | N/A | N/A | N/A | N/A | N/A | | |
| C Banten | | | | | | | | | | | | |
| 9 | PDAM Tirta Kerta Raharja Kabupaten Tangerang | 103,490 | 962 | 4,307 | 108,759 | N/A | N/A | N/A | N/A | N/A | | |
| 10 | PDAM Tirta Al Bantani Kabupaten Serang | 23,073 | 364 | 3,832 | 27,269 | N/A | N/A | N/A | N/A | N/A | | |
| D Central Java | | | | | | | | | | | | |
| 11 | PDAM Tirta Moedal Kota Semarang | 126,217 | 2,486 | 7,336 | 136,039 | N/A | N/A | N/A | N/A | N/A | | |
| 12 | PDAM Kota Surakarta | 48,308 | 1,628 | 5,299 | 55,235 | N/A | N/A | N/A | N/A | N/A | | |
| 13 | PDAM Kabupaten Kudus | 22,778 | 619 | 681 | 24,078 | N/A | N/A | N/A | N/A | N/A | | |
| 14 | PDAM Tirta Panguripan Kabupaten Kendal | 44,043 | 1,143 | 630 | 45,816 | N/A | N/A | N/A | N/A | N/A | | |
| 15 | PDAM Kabupaten Semarang | 24,086 | 812 | 2,879 | 27,777 | N/A | N/A | N/A | N/A | N/A | | |
| E East Java | | | | | | | | | | | | |
| 16 | PDAM Kabupaten Gresik | 63,778 | 866 | 2,373 | 67,017 | N/A | N/A | N/A | N/A | N/A | | |
| 17 | PDAM Kabupaten Lamongan | 11,392 | 149 | 710 | 12,251 | N/A | N/A | N/A | N/A | N/A | | |
| 18 | PDAM Kabupaten Sidoarjo | 93,802 | 810 | 5,217 | 99,829 | N/A | N/A | N/A | N/A | N/A | | |
| 19 | PDAM Kabupaten Mojokerto | 11,883 | 534 | 214 | 12,631 | N/A | N/A | N/A | N/A | N/A | | |
| 20 | PDAM Kabupaten Mojokerto | 14,693 | 562 | 747 | 16,002 | N/A | N/A | N/A | N/A | N/A | | |
| 21 | PDAM Kota Surabaya | - | - | - | - | N/A | N/A | N/A | N/A | N/A | | |
| F South Sulawesi | | | | | | | | | | | | |
| 22 | PDAM Kota Makassar | - | - | - | - | N/A | N/A | N/A | N/A | N/A | | |
| 23 | PDAM Kabupaten Maros | - | - | - | - | N/A | N/A | N/A | N/A | N/A | | |
| 24 | PDAM Kabupaten Takalar | - | - | - | - | N/A | N/A | N/A | N/A | N/A | | |
| 25 | PDAM Tirta Massenrempulu, Kabupaten Enrekang | 5,337 | 16 | 55 | 5,408 | N/A | N/A | N/A | N/A | N/A | | |
| 26 | PDAM Kota Pare-Pare | 16,046 | 87 | 316 | 16,449 | N/A | N/A | N/A | N/A | N/A | | |
| 27 | PDAM Kabupaten Jeneponto | - | - | - | - | N/A | N/A | N/A | N/A | N/A | | |
| G Eastern Indonesia | | | | | | | | | | | | |
| 28 | PDAM Ambon Municipality | 8,145 | 257 | 273 | 8,675 | N/A | N/A | N/A | N/A | N/A | | |
| 29 | PDAM Jayapura | 24,005 | 542 | 2,480 | 27,027 | N/A | N/A | N/A | N/A | N/A | | |
| TOTAL PDAM Connection | | 1,238,997 | 23,877 | 92,287 | 1,355,161 | - | - | - | - | - | | |
| TOTAL People access to Clean Water | | 6,194,985 | 477,540 | 461,435 | 7,133,960 | - | - | - | - | - | | |
| TOTAL People access to Safe Water Supply during this reporting period | | | | | | | | | | | 0 | |
| TOTAL Target over the life of project | | | | | | | | | | | 2,000,000 | |
| Percent of to-date Achievement Toward the Target over the life of project | | | | | | | | | | | 0.00% | |

QUARTERLY PROGRESS REPORT 4
JANUARY – MARCH 2012

Indonesia Urban Water, Sanitation and Hygiene (IUWASH)

Achievement of Number of People Get Access to Improved Sanitation Facilities (HR-2)

Status: March 2012

| Province | City/District | No | Specific site | Type of Improved Sanitation System Developed | | | | | | | Total Number of Household Benefiting the System Developed | Total Number of people Benefiting the System Developed | |
|----------------|--------------------|---|--|--|---------------------------------|-------------------------------|------------------------|-------------------------|-------------------|---------------|---|--|---|
| | | | | Individual Toilet (*) | Improved Individual Septic Tank | Improved Communal Septic Tank | Improved Public Toilet | Improved Sludge Removal | Communal Sewerage | City Sewerage | | | |
| North Sumatera | Kota Medan | 1 | Belawan I | | | | | √ | | | 0 | 0 | |
| | | 2 | Belawan Bahagia | | | | | √ | | | 0 | 0 | |
| | Kota Binjai | 3 | Kelurahan Setia | | | √ | | | | | 0 | 0 | |
| | Kota Tanjung Balai | 4 | Kelurahan Semula Jadi | | | √ | | | | | 0 | 0 | |
| | Kota Tebing Tinggi | 5 | Kelurahan Badak Bejuang | | | | | | √ | | 0 | 0 | |
| West Java | Kota Bogor | 6 | Kel. Cimahpar, Kec. Bogor Utara | √ | | | | | | √ | 0 | 0 | |
| | | 7 | Kel. Harjasari | √ | | | | | | √ | 0 | 0 | |
| | | 8 | Kel. Sempur, Kec. Bogor Tengah | √ | | | | | | √ | 0 | 0 | |
| | | 9 | Kel. Babakan Pasar | √ | | | | | | √ | 0 | 0 | |
| | | 10 | Kel. Sindang Sari | √ | | | | | | √ | 0 | 0 | |
| | Kabupaten Bekasi | 11 | Perumahan Pesona Ciantra Desa Ciantra Kec. Ciantra Selatan | | | | | | | | √ | 0 | 0 |
| | | 12 | Perumahan Bukit Indah Pramata, Desa Sukadami, Kec. Cikarang Selatan | | | | | | | | √ | 0 | 0 |
| | | 13 | Perumahan Permata Cikarang Timur, Desa Jatireja, Kec. Cikarang Timur | | | | | | | | √ | 0 | 0 |
| | Kabupaten Karawang | 14 | Kel. Adiarsa Timur, Kec. Karawang Timur | | | | | | | | √ | 0 | 0 |
| | | 15 | Kel. Karawang Wetan, Kec. Karawang Timur | | | | | | | | √ | 0 | 0 |
| 16 | | Pontren Albasallah, Ds. Kertamulya Kec. Pedes | | | | | | | | √ | 0 | 0 | |

**QUARTERLY PROGRESS REPORT 4
JANUARY – MARCH 2012**

Indonesia Urban Water, Sanitation and Hygiene (IUWASH)

Achievement of Number of People Get Access to Improved Sanitation Facilities (HR-2)

Status: March 2012

| Province | City/District | No | Specific site | Type of Improved Sanitation System Developed | | | | | | | Total Number of Household Benefiting the System Developed | Total Number of people Benefiting the System Developed | |
|--------------|------------------------|----|---|--|---------------------------------|-------------------------------|------------------------|-------------------------|-------------------|---------------|---|--|---|
| | | | | Individual Toilet (*) | Improved Individual Septic Tank | Improved Communal Septic Tank | Improved Public Toilet | Improved Sludge Removal | Communal Sewerage | City Sewerage | | | |
| DKI Jakarta | Jakarta Selatan | 17 | Kel. Karet Kuningan (Jl. Anggrek – Jl. Komando), Kec. Setiabudi | | | | | | | | √ | 0 | 0 |
| | Jakarta Barat | 18 | Kel. Pekojan, Kec. Tambora | | | | | | √ | | | 0 | 0 |
| | Jakarta Barat | 19 | Kel. Duri Selatan, Kec. Tambora | | | | | | √ | | | 0 | 0 |
| Banten | Kabupaten Serang | 20 | Desa Margasana, Kec. Kramaatwatu | | | | | | √ | | | 0 | 0 |
| | Kabupaten Tangerang | 21 | Ds. Saga, Kec. Balaraja | √ | | | | | | | | 0 | 0 |
| | | 22 | Ds. Kedaung, Kec. Sepatan | √ | | | | | | | | 0 | 0 |
| | | 23 | Ds. Pagedangan, Kec. Pagedangan | √ | | | | | | | | 0 | 0 |
| | | 24 | Ds. Kp Melayu Barat, Kec. Teluk Naga | | | | | | √ | | | 0 | 0 |
| | | 25 | Ds. Kp Melayu Timur, Kec. Teluk Naga | | | | | | √ | | | 0 | 0 |
| 26 | Ds Kronjo, Kec. Kronjo | | | | | | √ | | | 0 | 0 | | |
| Central Java | Kota Surakarta | 27 | RW 23 in Kelurahan Semanggi | | | √ | | | | | | 0 | 0 |
| | Kabupaten Kendal | 28 | Ngaglik, Kutoharjo village, Kaliwungu sub-district | | | √ | | | | | | 0 | 0 |

QUARTERLY PROGRESS REPORT 4
JANUARY – MARCH 2012

Indonesia Urban Water, Sanitation and Hygiene (IUWASH)

Achievement of Number of People Get Access to Improved Sanitation Facilities (HR-2)

Status: March 2012

| Province | City/District | No | Specific site | Type of Improved Sanitation System Developed | | | | | | | Total Number of Household Benefiting the System Developed | Total Number of people Benefiting the System Developed | |
|-----------|---------------------|----|--|--|---------------------------------|-------------------------------|------------------------|-------------------------|-------------------|---------------|---|--|---|
| | | | | Individual Toilet (*) | Improved Individual Septic Tank | Improved Communal Septic Tank | Improved Public Toilet | Improved Sludge Removal | Communal Sewerage | City Sewerage | | | |
| East Java | Kabupaten Mojokerto | 29 | Kel. Sooko, dusun Mojoranu | √ | | | | | | | 0 | 0 | |
| | | 30 | Kel. Kupang, dusun Penompo | √ | | | | | | | 0 | 0 | |
| | | 31 | Kel. Gayangan dusun Ngarjo | √ | | | | | | | 0 | 0 | |
| | | 32 | Kel. Jetis, dusun Parengan | √ | | | | | | | 0 | 0 | |
| | Kota Probolinggo | 33 | Kel. Sumber Taman, Kec. Wonoasih | | | | | | | √ | | 0 | 0 |
| | | 34 | Kel Kedung Asem (RT 01 & 02 RW 7, Kec. | √ | | | | | | | | 0 | 0 |
| | | 35 | Kel. Curah Grinting (RT 01/RW 02), Kec. | √ | | | | | | | | 0 | 0 |
| | | 36 | Kel. Kebonsari Kulon (RT 01 & 02 RW IX), | √ | | | | | | | | 0 | 0 |
| | | 37 | Kel. Kedopok, Kec. Kedopok | √ | | | | | | | | 0 | 0 |
| | | 38 | Kel. Jrebeng Wetan, Kec. Kedopok | √ | | | | | | | | 0 | 0 |
| | | 39 | Kel. Mangunharjo, Kec. Mayangan | √ | | | | | | | | 0 | 0 |
| | | 40 | Kel. Kedung Galeng, Kec. Wonoasih | √ | | | | | | | | 0 | 0 |
| | | 41 | Kel. Jrebeng Lor, Kec. Kedopok | √ | | | | | | | | | |

QUARTERLY PROGRESS REPORT 4
JANUARY – MARCH 2012

Indonesia Urban Water, Sanitation and Hygiene (IUWASH)

Achievement of Number of People Get Access to Improved Sanitation Facilities (HR-2)

Status: March 2012

| Province | City/District | No | Specific site | Type of Improved Sanitation System Developed | | | | | | | Total Number of Household Benefiting the System Developed | Total Number of people Benefiting the System Developed | |
|--|-------------------|------------|---|--|---------------------------------|-------------------------------|------------------------|-------------------------|-------------------|---------------|---|--|---|
| | | | | Individual Toilet (*) | Improved Individual Septic Tank | Improved Communal Septic Tank | Improved Public Toilet | Improved Sludge Removal | Communal Sewerage | City Sewerage | | | |
| South Sulawesi | Kota Makassar | 42 | Kel. Walawalaya (3RT), Kec Tallo | | | | | | | √ | | 0 | 0 |
| | | 43 | Kel. Borong, Kec. Panakkukang | | | | | | | √ | | 0 | 0 |
| | | 44 | Kel. Paccerakan, Kec Tello | | | | | | | √ | | 0 | 0 |
| | | 45 | Kel. Buloa, Kec Tello | | | | | | | √ | | 0 | 0 |
| | Kota Parepare | 46 | Kel. Sumpang Minange, Kec Bacukiki | | | | √ | | | | | 0 | 0 |
| | | 47 | Desa Bilalang, Kec Bacukiki | | | | √ | | | | | 0 | 0 |
| | | 48 | Pesantren Putri, Kel. Ujung Barru, Kec. Soreang | | | | √ | | | | | 0 | 0 |
| | | 49 | Kel. Cipagalung, Kec. Bacukiki Barat | | | | | | | √ | | 0 | 0 |
| | Eastern Indonesia | Kota Ambon | 50 | Dusun Kayu Tiga, Desa Soya, Kec. Sirimau | | | | | | | √ | | 0 |
| 51 | | | Dusun Kate-kate, Desa Hunu, Kec. Teluk Ambon | | | | | | | √ | | 0 | 0 |
| Kota Jayapura | | 52 | Kel. Ardipura, District Jayapura Selatan | | | | √ | | | √ | | 0 | 0 |
| | | 53 | Kel. Pasir Dua, District Jayapura Utara | | | | √ | | | √ | | 0 | 0 |
| Total achievement of Number of Household Get Access to Improved Sanitation Services during in PY 2012 | | | | | | | | | | | 0 | | |
| Total achievement of Number of People Get Access to Improved Sanitation Services during in PY 2012 | | | | | | | | | | | | 0 | |
| Total Target over the life of project | | | | | | | | | | | | 200,000 | |
| Percent To-date Achievement Toward the Target over the life of project | | | | | | | | | | | | 0.00% | |

Indonesia Urban Water, Sanitation and Hygiene (IUWASH)

Project Number: AID-497-C-11-00001

Training, Workshop and seminar Activities of Second Quarter of Second Year (FY 2012)

| Quarter | Region | Total People Trained based on Type of training | | | | | | | Total Average of Women Participation (%) | Total Budget Spent for Training Activities |
|---------------------------------|-----------------------------------|--|----------------------|-----------------|------------|------------|----------------|-------------|--|--|
| | | Focus Group Discussion | Training of Trainers | Training Course | Workshop | Study Tour | Advocacy Event | TOTAL | | |
| First Quarter (Oct - Dec 11) | North Sumatra | 34 | 0 | 32 | 222 | 0 | 0 | 288 | 32.65% | \$18,692.84 |
| | West Java/DKI Jakarta/Banten | 0 | 0 | 62 | 112 | 0 | 0 | 174 | | |
| | National | 116 | 0 | 0 | 0 | 0 | 0 | 116 | | |
| | Central Java | 0 | 0 | 0 | 30 | 0 | 0 | 30 | | |
| | East Java | 27 | 22 | 90 | 162 | 0 | 94 | 395 | | |
| | South Sulawesi/ Eastern Indonesia | 85 | 0 | 71 | 0 | 0 | 0 | 156 | | |
| Total | | 262 | 22 | 255 | 526 | 0 | 94 | 1159 | | |

Indonesia Urban Water, Sanitation and Hygiene (IUWASH)

Project Number: AID-497-C-11-00001

Training, Workshop and seminar Activities of Second Quarter of Second Year (FY 2012)

| Quarter | Region | Total People Trained based on Type of training | | | | | | | Total Average of Women Participation (%) | Total Budget Spent for Training Activities |
|---|-----------------------------------|--|----------------------|-----------------|-------------|------------|----------------|-------------|--|--|
| | | Focus Group Discussion | Training of Trainers | Training Course | Workshop | Study Tour | Advocacy Event | TOTAL | | |
| Second Quarter (Jan - Mar 12) | North Sumatra | 83 | 101 | 30 | 299 | 0 | 65 | 578 | 33.42% | \$64,915.47 |
| | West Java/DKI Jakarta/Banten | 31 | 0 | 54 | 204 | 0 | 0 | 289 | | |
| | National | 37 | 0 | 0 | 0 | 0 | 0 | 37 | | |
| | Central Java | 182 | 0 | 67 | 136 | 0 | 77 | 462 | | |
| | East Java | 259 | 0 | 111 | 237 | 0 | 0 | 607 | | |
| | South Sulawesi/ Eastern Indonesia | 129 | 23 | 181 | 295 | 0 | 0 | 628 | | |
| Total | | 721 | 124 | 443 | 1171 | 0 | 142 | 2601 | | |
| Total achievement of people trained in the IUWASH training related activities during FY 2012 | | | | | | | | | | 3,760 |
| Average of women participated in the IUWASH training training related activities during in FY 2012 | | | | | | | | | | 33.04% |
| Total achievement of budget spent for the the IUWASH training training related activities during in FY 2012 | | | | | | | | | | \$83,608.31 |
| Total achievement of people trained in the IUWASH training training related activities through FY 2011 | | | | | | | | | | 417 |
| Average of women participated in the IUWASH training training related activities through FY 2011 | | | | | | | | | | 31.88% |
| Total achievement of budget spent for the IUWASH training training related activities through FY 2011 | | | | | | | | | | \$ 4,445.00 |
| To-date achievement of people trained in the IUWASH training training related activities | | | | | | | | | | 4,177 |
| To-date achievement of average of women participated in the IUWASH training training related activities | | | | | | | | | | 32.46% |
| To-date achievement of budget spent for the IUWASH training training related activities | | | | | | | | | | \$ 88,053.31 |
| Total Target of People Trained in the IUWASH training training related activities over the life of the project | | | | | | | | | | 50,000 |
| Percentage of people trained in the IUWASH training training related activities | | | | | | | | | | 8.35% |

QUARTERLY PROGRESS REPORT 4
JANUARY – MARCH 2012

Indonesia Urban Water, Sanitation and Hygiene (IUWASH)
Baseline Summary of Achievement of PDAM Management Index Score (IC-1)
Status: March 2012

| No | Province/PDAM | SCORING | | | | | | | | | % INCREASED OF PDAM PERFORMANCE | | | | | | | | | |
|----------|---|----------|--------|--------|--------|--------|--------|--------|--------|--------|---------------------------------|-----|------|-----|------|-----|------|-----|------|-----|
| | | Baseline | Sep-12 | Mar-13 | Sep-13 | Mar-14 | Sep-14 | Mar-15 | Sep-14 | Mar-16 | 2012 | | 2013 | | 2014 | | 2015 | | 2016 | |
| | | | | | | | | | | | Mar | Sep | Mar | Sep | Mar | Sep | Mar | Sep | Mar | |
| A | North Sumatra | | | | | | | | | | | | | | | | | | | |
| | 1 PDAM Tirtanadi Kota Medan | 50.5 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 2 PDAM Tirta Sari Kota Binjai | 25.3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 3 PDAM Tirta Kualo Kota Tanjung Balai | 34.5 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 4 PDAM Tirta Bulian Kota Tebing Tinggi | 26 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 5 PDAM Tirta Uli Kota Pematang Siantar | 29.4 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| B | West Java | | | | | | | | | | | | | | | | | | | |
| | 6 PDAM Tirta Pakuan Kota Bogor | 61.1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 7 PDAM Tirta Patriot Kota Bekasi | 42.2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 8 PDAM Tirta Tarum Kabupaten Karawang | 27.9 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| C | Banten | | | | | | | | | | | | | | | | | | | |
| | 9 PDAM Tirta Kerta Raharja Kabupaten Tangerang | 49.4 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 10 PDAM Tirta Al Bantani Kabupaten Serang | 37.6 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| D | Central Java | | | | | | | | | | | | | | | | | | | |
| | 11 PDAM Tirta Moedal Kota Semarang | 47.7 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 12 Kota Surakarta | 50.7 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 13 Kabupaten Kudus | 56.3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 14 PDAM Tirta Panguripan Kabupaten Kendal | 40.8 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 15 Kabupaten Semarang | 45.4 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| E | East Java | | | | | | | | | | | | | | | | | | | |
| | 16 Kabupaten Gresik | 41.7 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 17 Kabupaten Lamongan | 38.3 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 18 Kabupaten Sidoarjo | 58.9 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 19 Kabupaten Mojokerto | 35 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 20 Kota Probolinggo | 40.2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 21 Kota Surabaya | 0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| F | South Sulawesi | | | | | | | | | | | | | | | | | | | |
| | 22 PDAM Kota Makassar | 0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 23 PDAM Kabupaten Maros | 0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 24 PDAM Kabupaten Takalar | 26 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 25 PDAM Tirta Massenrempulu, Kabupaten Enrekang | 17.5 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 26 PDAM Kota Pare-Pare | 26.8 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 27 PDAM Kabupaten Jeneponto | 26.8 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| G | Eastern Indonesia | | | | | | | | | | | | | | | | | | | |
| | 28 PDAM Ambon Municipality | 20 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 29 PDAM Jayapura | - | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | Total PDAM Supported by IUWASH | | N/A | | N/A | | N/A | | N/A | N/A | | | | | | | | | | |
| | To Date of average of % increased of the PDAM Performance Index | | | | | | | | | | | N/A | | N/A | | N/A | | N/A | | N/A |

Indonesia Urban Water, Sanitation and Hygiene (IUWASH)

Summary of Achievement of Local Government Priority to Support Watsan Sector (EE-1) - Local Government Budget

Status: March 2012

| No | City | Total Local Government Budget/APBD (In Million IDR) | | | | | Remarks |
|-----------|-----------------------|---|-----------|-----------|-----------|-----------|---------|
| | | Baseline (*) | Year 2012 | Year 2013 | Year 2014 | Year 2015 | |
| A. | North Sumatra | | | | | | |
| 1 | Kota Medan | 31,668 | | | | | |
| 2 | Kota Binjai | 3,885 | | | | | |
| 3 | Kota Tebing Tinggi | 8,771 | | | | | |
| 4 | Kota Pematang Siantar | 6,982 | | | | | |
| 5 | Kota Tanjung Balai | 8,079 | | | | | |
| B. | West Java | | | | | | |
| 6 | Kota Bogor | 44,308 | | | | | |
| 7 | Kota Bekasi | 31,319 | | | | | |
| 8 | Kabupaten Bekasi | 6,904 | | | | | |
| 9 | Kabupaten Karawang | 21,024 | | | | | |
| C. | Banten | | | | | | |
| 10 | Kab. Tangerang | 17,028 | | | | | |
| 11 | Kab. Serang | 14,660 | | | | | |
| D. | Central Java | | | | | | |
| 12 | Kota Surakarta | 8,911 | | | | | |
| 13 | Kota Semarang | 4,014 | | | | | |
| 14 | Kab. Semarang | 4,771 | | | | | |
| 15 | Kab. Kudus | 8,198 | | | | | |
| 16 | Kab. Kendal | 15,394 | | | | | |
| E. | East Java | | | | | | |
| 17 | Kab. Gresik | 34,105 | | | | | |
| 18 | Kab. Lamongan | 9,731 | | | | | |
| 19 | Kab. Mojokerto | 6,288 | | | | | |
| 20 | Kab. Sidoarjo | 38,773 | | | | | |

Indonesia Urban Water, Sanitation and Hygiene (IUWASH)

Summary of Achievement of Local Government Priority to Support Watsan Sector (EE-1) - Local Government Budget

Status: March 2012

| No | City | Total Local Government Budget/APBD (In Million IDR) | | | | | Remarks | |
|-----------|--------------------------|---|-----------|-----------|-----------|-----------|---------|-----------|
| | | Baseline (*) | Year 2012 | Year 2013 | Year 2014 | Year 2015 | | Year 2016 |
| 21 | Kota Probolinggo | 9,731 | | | | | | |
| F. | South Sulawesi | | | | | | | |
| 22 | Kota Makassar | 10,487 | | | | | | |
| 23 | Kab. Maros | 5,443 | | | | | | |
| 24 | Kab. Takalar | 10,889 | | | | | | |
| 25 | Kota Parepare | 7,696 | | | | | | |
| 26 | Kab. Enrekang | 19,291 | | | | | | |
| 27 | Kab. Jeneponto | 12,003 | | | | | | |
| G. | Eastern Indonesia | | | | | | | |
| 28 | Kota Ambon | 12,090 | | | | | | |
| 29 | Kota Jayapura | 8,931 | | | | | | |
| 30 | Kab. Jayapura | - | | | | | | |

(*) The baseline figure is taken from last 3 years (2009, 2010 and 2011) of APBD budget to support the development of watsan sector.

QUARTERLY PROGRESS REPORT 4
JANUARY – MARCH 2012

Indonesia Urban Water, Sanitation and Hygiene (IUWASH)

Summary of Achievement of Local Government Priority to Support Watsan Sector (EE-1) - Supportive Policy

Status: March 2012

| No | City | Potential Policies Identified during in the Baseline (out of 25 policy listed) | Potential Policy to be Improved | Achievement of the Development of Improved Policy of Watsan Sector | | | | | | | | | | Remarks |
|--------------------------|-----------------------|--|--|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------------------------|
| | | | | Mar-12 | Sep-12 | Mar-13 | Sep-13 | Mar-14 | Sep-14 | Mar-15 | Sep-15 | Mar-16 | Sep-16 | |
| A. North Sumatra | | | | | | | | | | | | | | |
| 1 | Kota Medan | 13 | TBD | NSY | | | | | | | | | | |
| 2 | Kota Binjai | 15 | TBD | NSY | | | | | | | | | | |
| 3 | Kota Tebing Tinggi | 7 | TBD | NSY | | | | | | | | | | |
| 4 | Kota Pematang Siantar | 14 | TBD | NSY | | | | | | | | | | |
| 5 | Kota Tanjung Balai | 8 | TBD | NSY | | | | | | | | | | |
| B. West Java | | | | | | | | | | | | | | |
| 6 | Kota Bogor | 15 | Perda No. 20/2011 tentang Perubahan atas Perda Kota Bogor No. 7 Tahun 2010 tentang Penyertaan Modal Daerah kepada PDAM Tirta Pakuan, PD BPR Bank Pasar, PD Jasa Transportasi dan PD Pasar Pakuan Jawa Kota Bogor | C | | | | | | | | | | The Perda was signed on xxxx |
| 7 | Kota Bekasi | 14 | TBD | NSY | | | | | | | | | | |
| 8 | Kabupaten Bekasi | 0 | TBD | NSY | | | | | | | | | | |
| 9 | Kabupaten Karawang | 13 | TBD | NSY | | | | | | | | | | |
| C. Banten | | | | | | | | | | | | | | |
| 10 | Kab. Tangerang | 10 | TBD | NSY | | | | | | | | | | |
| 11 | Kab. Serang | 13 | TBD | NSY | | | | | | | | | | |
| D. Central Java | | | | | | | | | | | | | | |
| 12 | Kota Surakarta | 13 | TBD | NSY | | | | | | | | | | |
| 13 | Kota Semarang | 8 | TBD | NSY | | | | | | | | | | |
| 14 | Kab. Semarang | 9 | TBD | NSY | | | | | | | | | | |
| 15 | Kab. Kudus | 12 | TBD | NSY | | | | | | | | | | |
| 16 | Kab. Kendal | 12 | TBD | NSY | | | | | | | | | | |
| E. East Java | | | | | | | | | | | | | | |
| 17 | Kab. Gresik | 15 | TBD | NSY | | | | | | | | | | |
| 18 | Kab. Lamongan | 11 | TBD | NSY | | | | | | | | | | |
| 19 | Kab. Mojokerto | 12 | TBD | NSY | | | | | | | | | | |
| 20 | Kab. Sidoarjo | 0 | TBD | NSY | | | | | | | | | | |
| 21 | Kota Probolinggo | 15 | TBD | NSY | | | | | | | | | | |
| F. South Sulawesi | | | | | | | | | | | | | | |
| 22 | Kota Makassar | 6 | TBD | NSY | | | | | | | | | | |

QUARTERLY PROGRESS REPORT 4
JANUARY – MARCH 2012

Indonesia Urban Water, Sanitation and Hygiene (IUWASH)

Summary of Achievement of Local Government Priority to Support Watsan Sector (EE-1) - Supportive Policy

Status: March 2012

| No | City | Potential Policies Identified during in the Baseline (out of 25 policy listed) | Potential Policy to be Improved | Achievement of the Development of Improved Policy of Watsan Sector | | | | | | | | | | Remarks |
|-----------|--------------------------|--|---------------------------------|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| | | | | Mar-12 | Sep-12 | Mar-13 | Sep-13 | Mar-14 | Sep-14 | Mar-15 | Sep-15 | Mar-16 | Sep-16 | |
| 23 | Kab. Maros | 2 | TBD | NSY | | | | | | | | | | |
| 24 | Kab. Takalar | 4 | TBD | NSY | | | | | | | | | | |
| 25 | Kota Parepare | 7 | TBD | NSY | | | | | | | | | | |
| 26 | Kab. Enrekang | 2 | TBD | NSY | | | | | | | | | | |
| 27 | Kab. Jeneponto | 4 | TBD | NSY | | | | | | | | | | |
| G. | Eastern Indonesia | | | | | | | | | | | | | |
| 28 | Kota Ambon | 7 | TBD | NSY | | | | | | | | | | |
| 29 | Kota Jayapura | 4 | TBD | NSY | | | | | | | | | | |
| 30 | Kab. Jayapura | 4 | TBD | NSY | | | | | | | | | | |

QUARTERLY PROGRESS REPORT 4
JANUARY – MARCH 2012

Indonesia Urban Water, Sanitation and Hygiene (IUWASH)

Summary of Achievement of PDAMs or Local Government Obtain Access to Long-term Funding for Watsan Sector (EE-2)

Status: March 2012

| No | City | Name of Project | Partners Involved | Status of Achievement of Project Received Long-term Funding for Water Sector | | | | | | | | Remark | |
|------------------------|------------------|--|---|--|--------|--------|--------|--------|--------|--------|--------|--------|---|
| | | | | Mar-12 | Sep-12 | Mar-13 | Sep-13 | Mar-14 | Sep-14 | Mar-15 | Sep-15 | | Mar-16 |
| A. West Java | | | | | | | | | | | | | |
| 1 | Kota Bekasi | Pondok Gede: 300 lps new treatment plant and distribution lines | PDAM Kota Bekasi | OG | | | | | | | | | Completed the real demand survey (RDS) |
| 2 | | Mustika Jaya area, which requires a 300 liters per second (lps) new treatment plant and distribution lines | | OG | | | | | | | | | Completed the real demand survey (RDS) |
| C. Banten | | | | | | | | | | | | | |
| 3 | Kab. Tangerang | New WTP (300 lps) in Kelapa Dua sub-district to serve Southern Tangerang | PDAM Kab. Tangerang | OG | | | | | | | | | The activities completed are Real Demand Survey, and the financial analysis |
| 4 | Kab. Lebak | WTP renovation and distribution line construction to serve Kopo and Tiga Raksa areas | PDAM Kab. Lebak and PT Ciria Jasa | OG | | | | | | | | | IUWASH plans to support the feasibility study after the signing of the formal cooperation agreement between JV BTL and PDAM Lebak (signed in January 2012). |
| 5 | Kabupaten Serang | Greenfield water supply project for Ciruas area | PDAM Kab. Serang and a private sector (TBD) | OG | | | | | | | | | Customer Satisfactory Survey completed in Feb 2012 and will continue with development of the business plan |
| D. Central Java | | | | | | | | | | | | | |

QUARTERLY PROGRESS REPORT 4
JANUARY – MARCH 2012

Indonesia Urban Water, Sanitation and Hygiene (IUWASH)

Summary of Achievement of PDAMs or Local Government Obtain Access to Long-term Funding for Watsan Sector (EE-2)

Status: March 2012

| No | City | Name of Project | Partners Involved | Status of Achievement of Project Received Long-term Funding for Water Sector | | | | | | | | | | Remark | |
|---------------------|----------------|-----------------------------------|--|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | Mar-12 | Sep-12 | Mar-13 | Sep-13 | Mar-14 | Sep-14 | Mar-15 | Sep-15 | Mar-16 | Sep-16 | | |
| 6 | Kota Surakarta | 300 lps bulk water supply project | PDAM Kota Surakarta and PT Jasa Tirta (PJT) | OG | | | | | | | | | | | PJT has finished preparing FS and delivered to PDAM Solo, including bulk water tariff to be sold to PDAM. IUWASH is presently assisting PDAM Solo to prepare its own analysis of the bulk water tariff in response to PJT's offer. |
| E. East Java | | | | | | | | | | | | | | | |
| 7 | Kab. Gresik | 200 lps water supply project | PDAM Kab. Gresik and a private sector (TBD) | OG | | | | | | | | | | | Feasibility study is on going |
| 8 | Kab. Mojokerto | 500 lps water supply project | PDAM Kab. Mojokerto and a private sector (TBD) | NSY | | | | | | | | | | | Limited activities have been conducted as past of IUWASH support |

Note: NSY = Not Started Yet; OG = Ongoing; C = Completed

Indonesia Urban Water, Sanitation and Hygiene (IUWASH)

Summary of Achievement of Financial Resources Accessed by Service Providers from PPP to Support the Expansion of Improved Watsan Services (EE-3)

Status: March 2012

| No | City | Program Description | Partners Involved | Type of Funding Sources (Public or Private) | Amount Leveraged (\$) | Remark |
|---|------------|--|---|---|-----------------------|---|
| A. North Sumatra | | | | | | |
| 1 | Kota Medan | Water Replish Program | JKM, Coca Cola Foundation Indoensia (CCFI), PDAM Tirtanadi and IUWASH | Private Funding | 224,978.00 | The signing of the MoU among JKM, CCFI and IUWASH was conducted on March 1, 2012 |
| B. West Java | | | | | | |
| 2 | Kota Bogor | Commitment of LG Kota Bogor to provide investment for watsan sector up to 2015 | Bappeda, DPRD, PDAM and IUWASH | Public Funding | 8,888,888.89 | This commitment is established to support the MDG achievements in 2015. This commitment is described in Perda No.xxx tahunxxx |
| C. Central Java | | | | | | |
| 3 | Kab. Kudus | Micro Credit Program for Water Connection | PDAM Kab. Kudus, Tirta Makmur Cooperative and BSM Kudus Branch | Private Funding | 107,638.89 | The signing of the MoU between BSM and Tirta Makmur Cooperative was conducted on January 9, 2012 |
| Total Amount Leveraged during in First Semester of FY 2012 | | | | | 9,221,505.78 | |
| Total Amount Leveraged during in Second Semester of FY 2012 | | | | | 0 | |
| Total Amount Leveraged during in FY 2012 | | | | | 9,221,505.78 | |
| Total baseline of FY2012 | | | | | 280,782,160 | |
| Total Target over the life of the project (10% of the baseline) | | | | | 28,078,216 | |
| To-date percentage of the achievement of amount leveraged to support the expansion of Improved Watsan Services | | | | | 3.28% | |

Indonesia Urban Water, Sanitation and Hygiene (IUWASH)

Summary of Achievement of Low Income Households Accessing Micri Finance for Household Improvements in Watsan (EE-4)

Status: March 2012

| No | City | Name of PDAM | Name of Bank | Date of MoU Signing | Number of New PDAM Connection during in FY 2012 | | | | Number of Household Benefiting from Improved Sanitation Services under this Program during FY 2012 | | | |
|--|---------------------|------------------|---------------------------------------|---------------------|---|------------|----------|----------|--|-------------|----------|---------------|
| | | | | | Dec | Mar | Jun | Sep | Dec | Mar | Jun | Sep |
| A. | Central Java | | | | | | | | | | | |
| 1 | Kab. Kudus | PDAM Kab. Kudus | Bank Syariah Mandiri (BSM) Cab, Kudus | 9-Jan-12 | 0 | 770 | | | 0 | 3850 | | |
| 2 | Kab. Serang | PDAM Kab. Serang | BRI Cabang Serang | 10-Nov-11 | 0 | 5 | | | 0 | 25 | | |
| Total Low Income Household Accessing Micro Finance for Household | | | | | 0 | 775 | 0 | 0 | 0 | 3875 | 0 | 0 |
| Total Low Income Household Accessing Micro Finance for Household Improvements in Watsan during FY 2012 | | | | | | | | | | | | 775 |
| Total Low Income Household Accessing Micro Finance for Household Improvements in Watsan during in previous FY | | | | | | | | | | | | - |
| To-date achievement of the total Low Income Household Accessing Micro Finance for Imprvements in Watsan | | | | | | | | | | | | 775 |
| Total Target over the life of the projecton Low Income Household Accessing Micro Finance for Household Improvements in Watsan | | | | | | | | | | | | 40,000 |
| To-date percentage of the achievement of Low Income Household Accessing Micro Finance for Household Improvements in Watsan | | | | | | | | | | | | 1.94% |

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