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USAID INDONESIA URBAN WATER SANITATION AND HYGIENE

QUARTERLY PROGRESS REPORT II

OCTOBER-DECEMBER 2013



FEBRUARY 2014

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USAID Global Water Coordinator and Acting Deputy Assistant Administrator, Christian Holmes, recently visited an Indonesia Urban Water, Sanitation and Hygiene project-supported site in the Sidoarjo District. More than 1,700 residents of the district now have access to clean water uses communal connection through a master meter. The master meter program was implemented by IUWASH's grantee, Spektra, a local non-governmental organization which developed water and sanitation projects in four villages; Pecantingan, Celep, Karanggayam and Lemah Putro of Sidoarjo District.

Photo credit: Musfarayani/IUWASH Jakarta

USAID INDONESIA URBAN WATER SANITATION AND HYGIENE

QUARTERLY PROGRESS REPORT 11

OCTOBER - DECEMBER 2013

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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/Tirta Wiyata Technical Academy
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
Bappeda	Badan Perencanaan dan Pembangunan Daerah/Local Development Planning Agency
Bapemas	Badan Pemberdayaan Masyarakat
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
BKM	Badan Keswadayaan Masyarakat/civil society organization
BNI	Bank Nasional Indonesia
BPKP	Badan Pengawasan Keuangan dan Pembangunan/Finance and Development Audit Board
BPRS	Bank Pembiayaan Rakyat Syariah/Sharia Rural Bank
BRI	Bank Rakyat Indonesia
BSM	Bank Syariah Mandiri
BTPN	Bank Tabungan Pensiunan Nasional/National Pensioners' Savings Bank
C1	Component One
C2	Component Two
C3	Component Three
CBO	Community-Based Organization
CC	Climate Change
CCVA	Climate Change Vulnerability Assessment
CEM	Citizen Engagement Mechanism
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	Citywide Sanitation Strategy
CWL	Creditworthiness Ladder
DAI	Development Alternatives Inc. (IUWASH prime contractor)
DAK	Special Allocation Fund
DD	Diarrheal Disease
DED	Detailed Engineering Design
DEWATS	Decentralized Wastewater Treatment Systems
DCOP	Deputy Chief of Party
DPIU	District Project Implementation Unit

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 (USAID)
FTL	Field Technical Liaison
GCM	Global Circulation Model
GEC	Grant Evaluation Committee
GIS	Geographic Information Systems
GUC	Grants Under Contract
HWWS	Handwashing with Soap
HH	Household
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)
IPA	Instalasi Pengelolaan Air Minum/Water Treatment Plan
IR	Intermediate Result
ISSDP	Indonesia Sanitation Sector Development Program
ITS	Surabaya Technology Institute
IUWASH	Indonesia Urban Water, Sanitation, and Hygiene
JICA	Japan International Cooperation Agency
KSM	Kelompok Swadaya Masyarakat (Community-based Group)
KSR	Kupedes untuk Sambungan Rumah/Rural Development Credit for Household Connections
Kupedes	Kredit Umum Pedesaan/Village Credit
LG	Local Government
LPS	Liters per Second
M&E	Monitoring and Evaluation
MBR	Masyarakat Berpenghasilan Rendah/Low-income communities
MC	Microfinance Specialist
MCK++	Mandi Cuci Kakus plus plus/Bathe, Wash, Latrine “plus plus”
MD	Mobilized Demand (for improved service delivery, Component 1)
MFI	Microfinancing Institution
MLD	PT. Mitra Lingkungan Dutaconsult (IUWASH subcontractor)
MOF	Kementerian Keuangan/Ministry of Finance
MOFA	Kementerian Luar Negeri/Ministry of Foreign Affairs
MOH	Kementerian Kesehatan/Ministry of Health
MOHA	Kementerian Dalam Negeri/Ministry of Home Affairs
MPSS	Memorandum Program Sektor Sanitasi/Sanitation Sector Programme Memorandum
MPW	Kementerian Pekerjaan Umum/Ministry of Public Works
MoU	Memorandum of Understanding
MSMHP	Metropolitan Sanitation Management and Health Project
Musrenbang	Musyawaharah Perencanaan Pembangunan/Development Planning Consultation process
NGO	Nongovernmental 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
Perbup	Peraturan Bupati/Regent Regulation
Perpres	Peraturan Presiden/Presidential Regulation
Perwal	Peraturan Walikota/Mayor 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 PUG	Pokja Pengarusutamaan Gender/Gender Mainstreaming 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
PPRG	Perencanaan dan Penganggaran Responsif Gender
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
RP	Indonesian Rupiah
RT	Rukun Tetangga/Neighborhood Association
RW	Rukun Warga/Community Association, equal to Ward
Sanimas	Sanitasi Berbasis Masyarakat/Community-Based Sanitation
SDG	Sanitation Donor Group
SLBM	Sanitasi Lingkungan Berbasis Masyarakat/Community-Based Environmental Sanitation
SME	Small and Medium Enterprises
SMI	Sarana Multi Infrastruktur (Infrastructure finance intermediary)
SOP	Standard Operating Procedures
SOW	Scope of Work
SS/EI	South Sulawesi and Eastern Indonesia
SSK	Strategi Sanitasi Kota/Citywide Sanitation Strategy (see CSS)
SSLT	Sludge Service System
STBM	Sanitasi Total Berbasis Masyarakat/Community-Based Total Sanitation
STTA	Short Term Technical Assistance
TA	Technical Assistance
TAMIS	Technical and Administrative Management Information System
TMG	The Manoff Group (IUWASH subcontractor)
UPTD	Unit Pelaksana Teknis Daerah/Regional Technical Unit
USAID	United States Agency for International Development
US\$	United States dollars
USDP	Urban Sanitation Development Program
USRI	Urban Sanitation and Rural Infrastructure

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)
WTP	Water Treatment Plant
WWTP	Wastewater Treatment Plant
YLKI	Yayasan Lembaga Konsumen Indonesia/Indonesian Consumer Institute Foundation

COVER STORY

USAID GLOBAL WATER COORDINATOR VISITED IUWASH PROJECT SITE IN INDONESIA

The U.S. Agency for International Development's Global Water Coordinator and Acting Deputy Assistant Administrator, Christian Holmes expanded a project that provides access to water for low-income community in Sidoarjo District, about one hour drive from Surabaya, the second largest city in Indonesia. Joaquin F. Monserrate, U.S. Consul General in Surabaya and Trey Flowers of USAID's Water Team accompanied the visit that USAID Indonesia Urban Water and Sanitation Hygiene (IUWASH) hosted on Wednesday, November 13, 2013.

The access to water for the low-income community in four villages namely Pecantingan, Celep, Karanggayam and Lemahputro in Sidoarjo District uses communal connection through a master meter, a single connection from the area water utility from which the community (through a community group) develops and manages a neighborhood distribution system. This approach allows the Water Utility of Sidoarjo District to provide water to communities that are normally unreachable because the households either lack the appropriate land title or are too poor to afford connection costs.

"The United States is committed to working hand in hand with the Government of Indonesia to ensure its people have access to clean and safe water," said Holmes. "It does not matter where you live or what your income is. Clean water is necessary for good health and well-being."

USAID IUWASH awarded US\$ 56,810 grant to Spektra, a local non-governmental organization, for a water and sanitation project in four villages; Pecantingan, Celep, Karanggayam and Lemahputro. Spektra also have formed community groups that will manage the water distribution in each village.

The communal connection through master meter will make water accessible and available for up to 1,700 low-income people in this area. A master meter installed by the Water Utility of Sidoarjo District can be used in groups or communal to connect 90 to 100 homes in four villages, so the total household connections served and distributed with clean water reaches 400 homes.

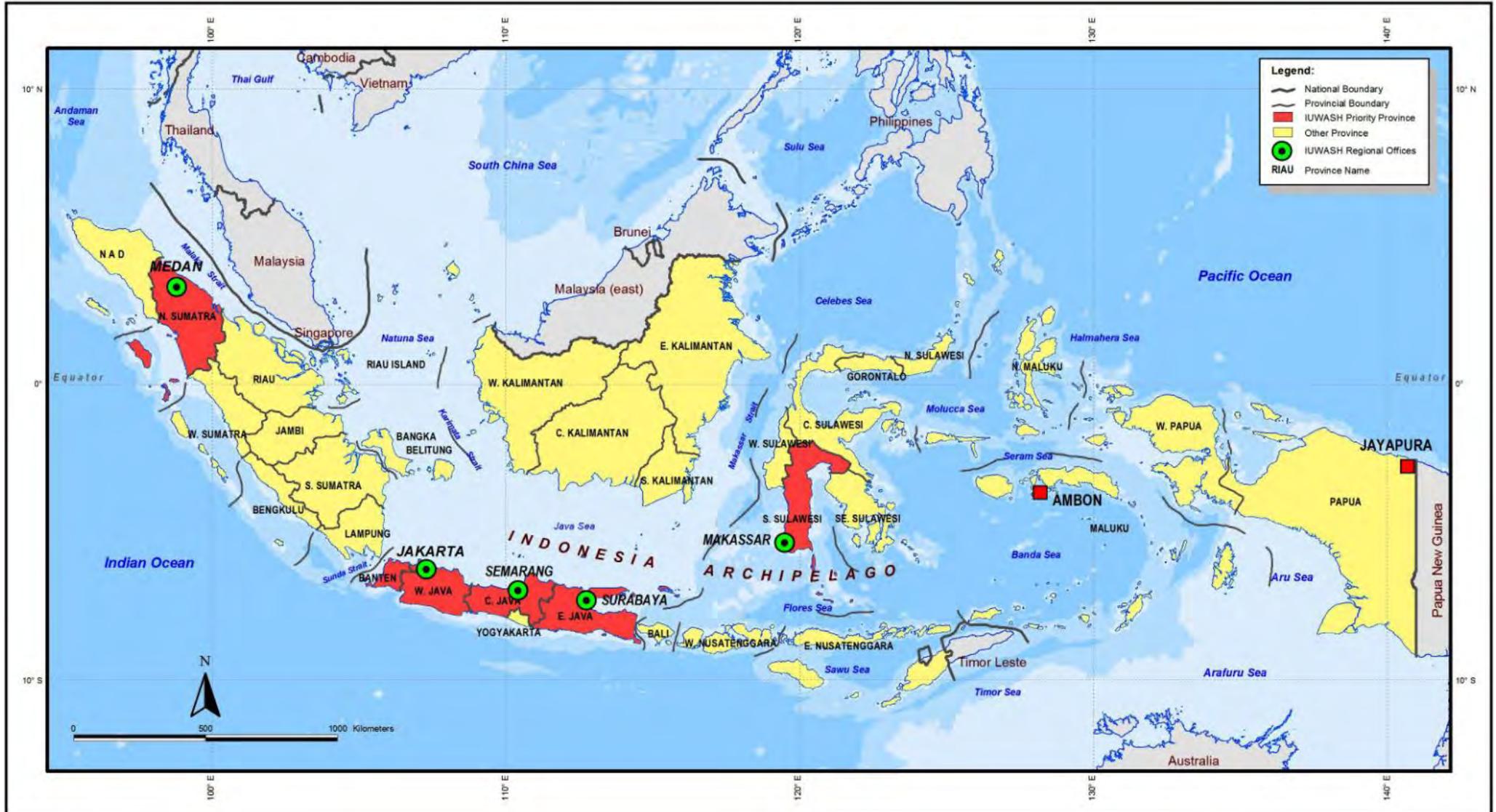
This long-awaited master meter initiative obtains positive respond from the local communities in four villages. Ririn, a resident of Pecantingan Village admitted that the master meter really help them to get access to clean water from the Water Utility of Sidoarjo District. "We are very happy to get new water connections at our homes. Clean water is now available and within reach everytime we need it. I used to buy clean water from the water vendor with very expensive price at IDR 3,000 per jerry can. Now that I have been connected to master meter, I only have to spend IDR 16,000 per month." said Ririn.



Musfarayani/IUWASH Jakarta

USAID Global Water Coordinator/ Acting Deputy Assistant Administrator, Christian Holmes, inaugurated the water communal connection through master meter program in Sidoarjo District.

Program Site Location Map



EXECUTIVE SUMMARY

This is the eleventh Quarterly Progress Report of the USAID Indonesia Urban Water, Sanitation and Hygiene (IUWASH) project, covering the period from October through December 2013. IUWASH is a five-year program aimed at substantially increasing access to safe water supply and improved sanitation across Indonesia's urban landscape, with a particular focus on improving access to these services for the urban poor. With USAID funding of US\$ 38.7 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;
- Two hundred fifty thousand people in urban areas gain access to improved sanitation facilities; and
- The per-unit water cost paid by the poor in targeted communities decreases by at least 20 percent.

This report covers the first quarter of what is referred to as IUWASH Project Year 4 (PY4) which runs from October 2013 through September 2014. The Annual Workplan for PY4 was designed under the theme of "Maximizing Resources for Greatest Impact" to guide program implementation during the course of the year, recognizing that there are significant resources being made available to the sector (in particular, for sanitation) and that IUWASH is uniquely positioned to ensure that they are utilized to greatest effect. This theme takes advantage of the platform that IUWASH put into place in previous project years and, among other areas, focuses on: i) leveraging resources to complement IUWASH's own technical capacity, expertise and geographic reach; (ii) supporting local partners in their efforts to undertake needed institutional reforms; and (iii) serving as a key reference point for national-level agencies as they seek to support important local initiatives.

Main Achievements

IUWASH measures progress based on the project's achievement of high-level results and targeted outcomes as defined in the IUWASH Performance Monitoring Plan (PMP). While all outcomes tracked by the project were not measured during this Quarter (as many are measured only every six (6) months, those that can be noted include: 4,407 people trained in IUWASH training activities, with women accounting for 36.07% of all training participants; seven (7) policies were enacted by partner local governments in support of sector needs; an additional \$427,508 was leveraged in support of program activities; and 1,781 households obtained new water connections through project-sponsored microcredit activities. Additional information on the above and outcomes targeted by IUWASH is provided in the main body and annexes to this report.

In addition to the above, the project's Mid-Term Evaluation (MTE) was also undertaken during the Quarter with the report to be finalized in January of 2014.

Partnerships

During this quarter, IUWASH continued to expand and build upon relationships with key partners among central government agencies, local governments and service providers, donors, the private sector and CSOs in all work areas. Among many examples, notable work with other institutions included:

- Close collaboration with the National Planning Agency (BAPPENAS) in the organization of the Konferensi Sanitasi dan Air Minum Nasional (KSAN) 2013, a biennial event that brings together a broad range of stakeholders to discuss key sector issues, advance technical knowledge and exchange, and advocate for increased attention to sector development;
- IUWASH support of an appropriate technology competition which has been led by the USAID-funded High-Five Kelurahan program;

- A series of exchanges with BCC Sanitation Partners to review important issues, strategies and approaches, and explore how we can better work together (and which included High-Five Kelurahan, Plan International, World Vision, MOH, and others);
- A range of field visits and exchanges with several national and local partners in support of a visit by the USAID Global Water Coordinator, Christopher Holmes;
- A workshop on Urban Septage Management (USM) in the context of UPTD establishment and which was conducted jointly with World Bank WSP;
- Support of Global Handwashing with Soap (HWWS) Day which was undertaken in multiple locations and in alignment with other MOH initiatives;
- Ongoing work with the USAID Indonesia Clean Energy Development (ICED) project and Ministry of Public Works (“PU”) in the development of PDAM Energy Efficiency Guidelines;
- Ongoing engagement with Coca-Cola Foundation Indonesia (CCFI) which led to the award of another CCFI grant to a local NGO for infiltration pond development in Central Java.

As concerns specific programmatic areas which contribute to overall IUWASH progress these are divided into four main areas: (i) water supply; (ii) sanitation; (iii) crosscutting areas; and (iv) grants. Specific progress under each programmatic area is detailed below.

Water Supply (WS) Programs

One of the primary objectives of IUWASH is to increase access to improved water for two million people. This involves supporting local water utilities (PDAMs) in improving their overall operational issues, as well as addressing important concerns related to governance, customer feedback, raw water availability, long-term finance, and similar areas. Grouped under eight programmatic areas of intervention, some highlights during the quarterly period included:

- Ongoing Non Revenue Water (NRW) reduction programs in all regions with notable examples of continued work beyond IUWASH direct involvement;
- Continued work on Energy Efficiency Audit (EEA) Guidelines that are now 90% complete;
- Handing over of completed Master Meter programs in Sidoarjo and Tangerang and initiation of similar programs which will be implemented through grants in Sibolga and Surabaya;
- Continued coordination with ADB, AETRA and Palyja regarding the organization of Master Meter programs in Jakarta (with TA from IUWASH and financing from ADB and private operators);
- Climate Change Vulnerability Assessments (CCVAs) were initiated in West Java (2 locations), North Sumatra (1 locations), East Java (5 locations), Central Java (4 locations), and are under preparation in 5 locations in South Sulawesi;
- Continued support with Coca Cola Foundation Indonesia (CCFI) for the development of infiltration ponds with more than 2,000 installed in North Sumatra and East Java and work recently initiated in Central Java;
- Introduction of IUWASH Climate Change program and approach to PU, BPPSPAM and PERPAMSI, with probable scheduling of a national-level roundtable on/about March 2014;
- Completed 13 PDAM business plans, including 11 debt restructuring plans and four tariff reviews;
- TA provided for long-term financing to 11 PDAMs, with new raw water capacity totaling 3,500 liters/second and serving around 260,000 new households (or 1.3 million people);
- Intensive TA ongoing for regionalization for two PDAMs in Banten;
- Standard Operating Procedures (SOP) for financial affairs, customer relations, and administrative aspects are in preparation for five PDAMs in Java and four in North Sumatra
- Provision of classroom and on-the-job training for six PDAMs in North Sumatra and four in South Sulawesi/Eastern Indonesia regarding distribution network improvement and O&M.

Sanitation (SAN) Programs

Another key objective of IUWASH is to increase access to safe sanitation for 250,000 people, which involves supporting local governments on a wide variety of fronts - from the promotion of individual, communal and citywide systems, to putting in place the support systems and structures upon which such systems depend. The following summarizes main achievements and progress registered in the sanitation sector during this quarter and within the five technical areas within which IUWASH contributes. These achievements include:

- Continued capacity building for STBM facilitators and sanitarians in all five IUWASH regions;
- Obtained support by Ministry of Cooperatives support funding of a key cooperative partner for sanitation micro-finance;
- Supported USRI and PU/PLP by training 1,140 community cadres and sanitarians in 11 courses;
- Trained masons for the construction of healthy latrines (as part of the PNPM Mandiri program) in Central- and East Java;
- Co-organized appropriate technology competition with the CCP-I High-Five Kelurahan program;
- Established 6 UPTDs across all IUWASH regions and continued preparation for another 24;
- Continued close collaboration with MoHA, USDP and IndII on UPTD establishment, including completing five case studies;
- Developed and received USAID approval for a range of a grants and subcontract in support of UPTD establishment;
- Continued collaboration with the sAIG program to support small-scale sewerage system development in ten (10) locations;
- Continued implementation of improved Urban Sludge Management (USM) with strong commitment from four participating municipalities;
- Detailed assessment on large-scale regular desludging in Surakarta ongoing;
- Meetings held with WSP and ADB on joint sponsorship of national USM workshop tentatively scheduled for May 2014;

Crosscutting (CC) Programs

While the division between water supply and sanitation is often quite clear, there are likewise very many programs of common concern to each. These are grouped under the heading of "Crosscutting Programs" and for which highlights during the annual period included:

- Kabupaten Gresik successfully issued a new water tariff regulation in early December 2013 after nearly 10 years with no tariff adjustment;
- In Pematang Siantar and Tanjung Balai, respective PDAMs obtained PEMDA approval for capital improvement programs;
- Based on an IUWASH-supported pre-feasibility study for a regional approach to water supply provision between Tebing Tinggi and Serdang Bedagai, Tebing Tinggi allocated about IDR 1 billion to commence detailed engineering design work for a 200lps water treatment plant;
- In Kabupaten Kendal, the local government enacted a local regulation to transfer equity to the PDAM in the amount of IDR 2 billion for 2013. A similar allocation will also occur in 2014.
- In Central Java, IUWASH engaged a local NGO, SPEAK Indonesia, to strengthen the Citizen Engagement Mechanisms (CEMs) in four municipalities;
- In East Java, IUWASH completed an institutional assessment of feedback mechanisms among three local governments (Probolinggo, Mojokerto and Sidoarjo) and conducted two regional-level workshops to review and define priorities.
- In South Sulawesi, three more cities started work in CEM improvement this quarter (Kab Enrekang, Kab Takalar and Kab Bantaeng), and in West Java, two others did as well (Kab Bandung and Kab Purwakarta);

- This quarter, IUWASH conducted a coordination meeting of the IUWASH Gender Working Group (GWG) to review general progress, PY4 plans, gender from an Islamic perspective, and related pilot gender activities.

Grants Program

During the course of the reporting period, the Grants Program was focused on the development of Scopes of Work (SOWs) for multiple grant programs in all regions. These included SOWs in support of communal sanitation activities (aligned with Ministry of Public Works led programs), UPTD establishment, Citizen Engagement Mechanism (CEM) development, Master Meter programs, and micro-credit for sanitation. An additional grant program has also been planned for Master Meter programming in Surabaya—the addition of which was prompted by the cancellation of anticipated support from an area CSR program. Together, the Grant Program budget is expected to be fully committed (or very close to it) by the third Quarter of PY4.

Plans for the Next Quarter

For the coming quarter, IUWASH will focus special attention on several key areas, including responding to recommendations of the project's Mid-Term Evaluation (MTE), the integration of several new staff who are being engaged following the project's contract amendment in October 2013, as well as enhancing engagement with central-level agencies in several critical areas (including climate change and long-term finance). It may also be noted that IUWASH is scheduled for a forthcoming Performance Audit to be conducted by the USAID Regional Inspector General's (RIG) office, though the exact timing of this is not yet set.

Section 1

INTRODUCTION

This is the eleventh Quarterly Progress Report (QPR) issued under the USAID Indonesia Urban Water, Sanitation and Hygiene (IUWASH) project. This QPR covers the period from October 01 through December 31, 2013, and includes detailed information on accomplishments and issues encountered during the reporting period in the project's main areas of activity: water supply, sanitation, those that are "cross-cutting" or common to both, as well as on key program management considerations. Its development was very much a team effort, with contributions received from most all staff, and in keeping with project practice, it is meant to be widely shared.

This QPR covers the first quarter of implementation during the project's Program Year 4 (or "PY4"), a period that has been marked by two important events. The first relates to the award of a contract modification by USAID. Valued at approximately \$5 million, the modification increases the IUWASH contract budget to \$38.7 million and provides for expanded work in sanitation, climate change and long-term finance. The second relates to the project's mid-term evaluation (MTE) which was undertaken during the reporting period by a team of five experts (three independent consultants and two USAID/Washington staff). The subject of a separate detailed report which will be distributed widely in the following Quarter, the MTE provided an excellent opportunity to review the project with "fresh eyes" and develop recommendations for improvement.

In addition to the above, IUWASH also completed its Annual Workplan for PY4 and for which it applied an overriding theme of "Maximizing Resources for Greatest Impact". This theme recognizes that there are significant resources being made available to the sector (in particular, for sanitation) and that IUWASH is uniquely positioned to ensure that are of maximum benefit. Key features of the "Maximizing Resources" theme are designed to aid IUWASH in: leveraging substantial resources to complement IUWASH's own technical capacity, expertise and geographic reach; supporting local partners in their efforts to undertake institutional reforms and capacity building initiatives; and serving as a key reference point for national-level agencies and programs as they seek to support local initiatives.

Section 2, High-Level Results and Sector Progress: The section describes key achievements and issues addressed during this Quarter within: a) the water supply sector; b) the sanitation sector; c) among cross cutting areas of activity; and d) under the Grants program. It further sets forth key activities conducted under "Anchor Projects" and "Signature Programs" as well as collaboration with other partners.

Section 3, National-Level Activities: This section details progress, issues and plans for the next quarter that are related to overall project management, including: general project management; project communications and reporting; monitoring and evaluation; and environmental compliance.

Section 4, Regional-Level Activities: This section summarizes the progress and challenges registered within each IUWASH region during the Quarter, and their plans for the following quarter. Within each regional section, there is also much additional detail of local level progress and issues in "Cluster Reports" which serve as stand-alone reports of issues, activities and plans for each municipality (or group of municipalities with which IUWASH works).

Section 5, Project Monitoring and Evaluation: This section explores in greater detail the project's progress and achievements registered to date and during the reporting period with regard to each targeted IUWASH Outcome.

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 (GOI) in making significant progress towards achieving its safe water and sanitation Millennium Development Goal (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 USD \$38.7 million, 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;
- 250,000 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, who are currently the people with the most limited access to these services. To ensure that access improvements are sustained, IUWASH implements activities that contribute to the achievement of three distinct types of intermediate results, namely:

- 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 public and private sector institutions in urban areas where there is sufficient sustainable capacity to meet increased demand; and
- Improved governance and finances that create an enabling environment supporting equitable access to safe drinking water and improved sanitation in urban areas.



Figure 1. IUWASH Conceptual Framework

Corresponding to these intermediate results are three technical components that together will lead to increased access to water and sanitation services (see 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, such that success under one component cannot be achieved without commensurate success in the other two. These

components are further supported by a small grants program to promote innovation and scaling-up of successful approaches to increasing access. While operating within this overall framework, project planning, coordination and monitoring and evaluation also takes place on a “sector basis” wherein tasks are organized as related to the water supply sector, sanitation sector or cross cutting areas that are common to each.

While IUWASH is designed around the three above components, project workplanning and reporting continues to be based on the project’s two main sectors of intervention (water supply and sanitation) and those “crosscutting areas” that are common to each. These areas of activity are set forth as follows:

Water Sector	Sanitation Sector	Cross-Cutting
WS 1: PDAM Operational Aspects	SAN 1. Individual Sanitation Systems	CC 1: Increased PEMDA policies
WS 2: PDAM Financial Aspects	SAN 2. Communal Sanitation Systems	CC 2: Increased PEMDA/APBD budget
WS 3: PDAM Customer Engagement	SAN 3: Off-site sanitation (sewerage)	CC 3: Improved citizen engagement
WS 4: Raw Water / C.Change Adapt.	SAN 4: Urban Sludge Management	CC 4: Increased POU and HWWWS
WS 5: Microfinance	SAN 5: Support Pokja Sanitasi/AMPL	CC 5: Gender mainstreaming
WS 6: Master Meter		CC 6: Mobilizing CSR funding
WS 7: Long-Term Finance		
WS 8: PDAM Institutional Support		

Operationally, IUWASH has central office in Jakarta, regional offices in Medan, Semarang, Surabaya and Makassar, as well as satellite and liaison offices among the majority of its partner municipalities. Through this structure, IUWASH aims to assist 54 municipalities in increasing access to safe water and improved sanitation facilities.

SUMMARY OF ACHIEVEMENTS

In addition to general project development, IUWASH measures progress based on the project’s achievement of outcomes and higher-level results as defined in the IUWASH Performance Monitoring Plan (PMP). Notable IUWASH achievements in the past Quarter based on the PMP outcomes were as follows:

- **4,407 people** trained in IUWASH training activities, with women accounting for **36.07%** of all training participants. The total budget spent in support of this training was **US\$104,260.79**;
- **6 CSO groups** implement WatSan programs;
- **Seven (7) policies have been signed by the Bupati/Mayor** to support the watsan improvements;
- **A 0.15% increase (equal to \$427,507.56)** in the amount leveraged to support the expansion of improved WatSan services; and
- **1,781 households** obtained new water connections under a microcredit program.

More details on progress towards achieving the IUWASH outcomes can be found in the Annex 4.1 to 4.5c.

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 IUWASH High Level Results , as well as much additional detail on the progress, issues encountered, and plans within each outcome area of the three project components and within the Grants Program, which complements work in all other areas. As indicated in Section 1, IUWASH recognizes that all three components and the grant program are mutually reinforcing. The component outcomes are inextricably linked, such that success under one component cannot be achieved if there is not commensurate success in the other two. Accordingly, 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. Water Supply Sector

Section 2.3. Sanitation Sector

Section 2.4. Crosscutting Sector

Section 2.5. Grants Program

Section 2.1

HIGH LEVEL RESULTS

Results that directly and significantly contribute to the achievement of 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 relate to the number of people that benefit from improved access to water supply and sanitation. The third result relates to decreasing cost of water for the poor, which in turn influences people’s access to water supply, while the final result relates to the number of people trained on issues related to increasing access to clean water and sanitation.

In response to a GOI request to USAID, the IUWASH contract was modified October 01, 2013 to provide for additional IUWASH support in several areas, including sustainable access to urban sanitation, climate change adaptation, as well as capital investment. This in turn required the adjustment of several existing outcomes and the addition of some new outcomes. As concerns High Level Results in particular, the target of HR-2 (people gaining access to improved sanitation services as a result of US Government assistance) has increased from 200,000 to 250,000, and the target of HR-4 (people participating in IUWASH training activities) has increased from 50,000 to 75,000. The following table presents a revised summary of the project’s High Level Results:

IUWASH High Level Results	Indicator	Target
HR.1: People gain access to improved water supply and sanitation services as a 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	250,000
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	75,000

Prominent program activities conducted during the Quarter focused on: assessing program progress to date and defining areas of needed revision or refinement (principally through the Mid-Term Evaluation); the implementation various higher-level events (such as support to KSAN 2013, a visit by USAID’s Global Water Coordinator, Chris Holmes, etc.), and on coordination with key stakeholders to both report on IUWASH progress during PY3 and finalization/socialization of the PY4 Workplan. Coordination work was also used as an opportunity to better synchronize of IUWASH activities with those of LG partners to both maximize use of the project’s limited resources, as well as improve LG support for targeted activities.

Specifically within the water supply sector, and in addition to overall increases in PDAM connections and hence access, IUWASH made significant progress with respect to master meter programs, including in both Sidoarjo and Tangerang districts (of East Java and Banten provinces, respectively)

and which contribute to increased access of low income households in particular. Detailed IUWASH support to the water supply sector can be found in Section 2.2.

In the sanitation sector, IUWASH continued to apply several innovative approaches to increase access to improved sanitation services. One such approach involved engaging the GOI PNPM Mandiri program to support the development of individual sanitation facilities for low income households (and which are consistent with the SNI Standard). PNPM Mandiri focuses support on poverty alleviation and, while their work has not traditionally included sanitation infrastructure, they have been willing to do so with IUWASH support. As in other sanitation work, this has involved the project's support of sanitarians in awareness building and community-level 'triggering', as well as collaboration with local SMEs, cooperatives and CBOs to manage construction and post-construction activities. To support the development of communal sanitation facility and small sewerage system, IUWASH also continued to work with USRI and sAIG to plot-out program implementation in IUWASH areas in PY4. For more information on the progress made under this deliverable is described in Section 2.3.

This quarter, IUWASH did not register changes in the per unit cost of water paid by the urban poor as this was not scheduled for measurement (but will be addresses in the coming quarter). As for the number of people training in program-related activities (see HR-4), IUWASH continued to track progress very closely, using the project's TAMIS. People trained includes those that participated in Focus Group Discussions, training courses, TOT programs, workshops, study tours, and advocacy events—the details of which will be uploaded into the USAID training information system, TraiNet. This Quarter, a total of **4,407 people** benefited from IUWASH training-related activities, with **36.07% participation by women** and funds expended totaling **US\$104,260.79**.

Section 2.2

WATER SUPPLY SECTOR

One of the main tasks of IUWASH is to increase access to improved water supply for two million people (400,000 households). To achieve this, IUWASH provides direct support to 51 local water utilities (PDAMs), to improve not only their internal operational performance (technical, financial and institutional) but also enabling environment, such as (i) good governance by PDAM owners and other decision makers; (ii) protection and enhancement of raw water sources combined with climate change adaptation planning; and (iii) mobilizing long-term finance for sustainable expansion of services. The result of these combined efforts will improve services for all PDAM customers, in particular for low-income families, which are benefitting most from a strong and financially healthy PDAM. Details of this support up to end of December 2013 can be found in Water Supply Matrix in Annex 1.

IUWASH interventions for Water Supply are grouped under eight programs, which are listed in the accompanying box. While achievements of these programs in this quarter are described separately below, they are closely interconnected and all have a crucial role in improving PDAM performance and service delivery.

IUWASH programs in Water Supply Sector

WS 1	Improve PDAM Operational Aspects
WS 2	Improve PDAM Financial Aspects
WS 3	Improve PDAM Customer Engagement
WS 4	Raw Water & Climate Change Adaptation
WS 5	Water for the Poor – Microfinance
WS 6	Water for the Poor – Master Meters
WS 7	PDAM Long-Term Finance
WS 8	PDAM Institutional & Governance Aspects

Main Achievements this Quarter

This section summarizes main achievements in the water supply sector during this quarter, arranged by the four signature approaches and other achievements. Details can be found in subsequent sections and in the five regional reports, including updates on the Anchor Projects in the water supply sector.

Signature Approaches: Since PY3, IUWASH defined four innovative signature approaches in the water supply sector, which can be used as examples by the GOI and/or other donors. Signature programs are implemented both through direct assistance from IUWASH experts and subcontracted third parties.

During this quarter, the main achievements in Water Supply Sector can be summarized as follows:

- *PDAM Energy Efficiency and Non Revenue Reduction:*
 - Ongoing Non Revenue programs ongoing in all regions, prompting replication by PDAMs
 - Energy Efficiency Audit (EEA) guidelines are 90% complete to be shared with PU in Jan'14
- *Water for the Poor:*
 - Physical works for Master Meters in Sidoarjo and Tangerang handed over; grant in Sibolga started and for Surabaya under preparation with IUWASH grant
 - Continued meetings with ADB, AETRA and Palyja to implement Master Meters in Jakarta. Financing will be from ADB and private operators; IUWASH to provide TA.
 - To date 1,452 water connections made using microfinance
- *Climate Change Adaptation Plans:*
 - Climate Change Vulnerability Assessment (CCVA) started in West Java (2 locations), North Sumatra (1 locations) and East- Java (5 locations) and Central Java (4 locations); CCVA under preparation for 5 locations in South Sulawesi.
 - Continuing supporting Coca Cola Foundation Indonesia (CCFI) with construction of > 2,000 Infiltration ponds (North Sumatra, East Java and Central Java)

- General introduction of IUWASH Climate Change program and approach to PU, BPPSPAM and PERPAMSI, who showed great interest and requested follow-up meeting, leading probably to a roundtable with key Ministries and other institutions around March 2014.
- *Other Achievements*
 - Completion of 13 PDAM business plans, including 11 debt restructuring plans, four tariff reviews
 - TA for long-term financing in 11 PDAMs, with new raw water capacity totaling 3,500 liters/second and serving around 260,000 new households (1.3 million people)
 - Intensive TA ongoing for regionalization for two PDAMs in Banten
 - Standard Operating Procedures (SOP) for financial affairs, customer relations, and administrative aspects are in preparation for five PDAMs in Java and four in North Sumatra
 - IUWASH has been conducting classroom and on-the-job training at six PDAMs in North Sumatra and four in South Sulawesi/Eastern Indonesia in order to improve distribution network operations and management

Collaboration with other parties

IUWASH's ambitious targets can only be achieved through strong partnerships with key national government ministries, other donor agencies, and other institutions, both public and private. This collaboration can take many forms, including regular exchanges to share lessons learned and avoid duplication of effort, and the development of joint programs. The following table summarizes the main collaborative efforts this quarter:

Partner	Summary of activities this quarter (April – June 2013)
USAID Indonesian Clean Energy Development (ICED)	90% completion of first draft of PDAM Energy Efficiency guidelines to be discussed further with Ministry of Public Works in January 2014
Ministry of Public Works/Water Supply & BPPSPAM	Regular discussions on key PDAM performance programs, incl <ul style="list-style-type: none"> · Energy Efficiency Audits, · NRW reduction, and · Customer forum · long-term financing (PPP, Perpres 29, etc.)
Ministry of Finance	Collaboration on monitoring PDAM debt restructuring
Asian Development Bank PAM Jaya, AETRA, Palyja	exchange programs on collaboration on Master Meter programs especially for Jakarta (together with PAM Jaya, PD PAL and AETRA)
Coca-Cola Foundation Indonesia (CCFI)	Close collaboration to develop infiltration ponds (<i>Sumur Resapan</i>) in North Sumatra, East Java and Central Java
Bank Syariah Mandiri (BSM)	Joint expansion of microfinance for low-income (MBR) households to PDAM connections
Water.org	Collaboration on Watsan micro finance, capacity building for cooperatives, microfinance institutes (especially in Kab Tangerang)
Perhutani	Collaboration on development of infiltration ponds in Perhutani's area in Mojokerto
Miya	Joined visit by Miya staff to 2 PDAM (Semarang and Surakarta) to develop MoU on NRW reduction study

Program WS 1: Improved PDAM Operational Aspects

The focus of WS1 is to improve PDAM performance and expand improved water supply to (not yet connected) households. By implementing this program:

- (i) water availability for existing and new customers will increase (through NRW reduction and optimization of production capacity);
- (ii) PDAM financial performance will be improved (through Energy Efficiency and MIS); and,
- (iii) technical performance, including water flow and pressure, will be improved through distribution network improvement, application of GIS, etc..

The following is summary of program activities during this quarter:

Energy Efficiency Audits

One problem facing many PDAMs is high energy costs, especially for PDAMs using pumping systems. The high electricity tariff increases water production cost and decrease financial performance of PDAM, especially those which use pumps in the production and/or distribution. Therefore, while efficiency energy should be one of the priority programs for many PDAMs, most PDAM managers are not aware that their energy consumption is not efficient, nor which steps they can take to improve it and how much benefit it will provide. To increase awareness and to show the benefit of energy efficiency to PDAM management, IUWASH introduce energy efficiency audits.

After the initial audits at 5 PDAMs completed in PY3, PDAM Surakarta started to implement the recommendations by install Variable Speed Driver (VSD) at Jurug unit, which has the highest energy cost energy among units at PDAM Surakarta. After one week monitoring energy consumption, it already showed a decrease of 15%-20% of energy consumption; based on this, PDAM Surakarta will install 2 more VSD in year 2014. Also PDAM Lamongan installed 3 VSD as well as replaced 1 pump and added 7 pumps with the specifications from the IUWASH study. Last quarter IUWASH continued to introduce and implement Energy Audit at PDAM Kota Semarang City and PDAM Kota Pare-Pare. Audit concluded that energy cost at Semarang can be decreased with 33% (from Rp 1.5 billion/month to Rp 1.0 billion/month) if 15 VSD are installed for total investment of Rp 6 billion, meaning a Break-Even Point (BEP) of 12 months. Audit result for audit at Pare-Pare showed that by installing VSD at 5 intake pumps, 8 distribution pumps and 5 deep well pumps, the energy cost will decrease from Rp. 275 million/month to be Rp 175. million/month, and BEP of 2 years. These Results will be presented to management of both PDAM in next quarter, as well as surrounding PDAMs

In the next quarter IUWASH will conduct efficiency energy audit with PDAM Kab Bekasi, PDAM Kota Tanjung Balai, PDAM Kab Asahan, PDAM Salatiga and continue audit at PDAM Gresik. To share these results and the EEA approach to wider audience, IUWASH and Ministry of Public Works (PU) agreed to conduct national seminar (around March 2014) to disseminate EEA guidelines based on IUWASH experience. For that purpose, IUWASH is collaborating with ICED to prepare EEA guidelines, where IUWASH focusing on the technical aspect and ICED on alternative financing aspect.

Non Revenue Water Reduction

Reduction of Non-Revenue water is the largest contributor to improvement of PDAM Operational and Financial performance, especially for PDAM which do not have idle capacity to connect new customers and problems with pressure management. In this quarter IUWASH technical teams in all regions provide variety of support, promoting pilots, and conducting trainings (mainly on-the job); following are some examples:

IUWASH supported PDAM Lebak to prepare Director Decree to set up NRW team, to make the organization structure for NRW reduction clear and have a dedicated team to implement NRW

program. In next quarter the first District Meter Area (DMA) at Taman Ciruas will be setup by PDAM.

In Central Java IUWASH (through third party) conducted NRW reduction training for 6 PDAMs attended by 30 PDAM staff, with trainers from IUWASH and technical university from Magelang. PDAM Kudus already started to implemented lessons from the training by replicating DMA and to implement an incentive system, resulting in NRW level of PDAM Kudus reducing from 32% to 27%. After NRW training was done at East Java in PY3 IUWASH started follow-up in PY4 pushing PDAMs to formalize NRW teams, searching leaks, through flow measurements during the night and setting up more DMAs; The NRW program at PDAM Jayapura program focused this quarter on non-technical aspect, including water replacement at 2 zones (400 connections) and identifying illegal connections, which will be followed in next quarter the next quarter should lead to and to facilitate PDAM to prepare MoU between PDAM Jayapura and police institution to crack down illegal water use.

In Jakarta, the draft final report of NRW evaluation for AETRA was discussed and agreed by AETRA management; next step is meeting with PAM Jaya to discuss next steps, starting in January 2014. The evaluation showed that PAM Jaya and operators (AETRA and PALYJA) do not use same methodology to evaluate of NRW, so do minimize different perception, IUWASH will conduct training for PAM Jaya and operators regarding evaluation of NRW. IUWASH also participated in a knowledge sharing event on NRW reduction at DKI Jaya arranged by Perpamsi.

Distribution Network Improvement

The purpose of distribution network improvement is to improve the existing water distribution and to anticipate future expansion. At this quarter, the Interim Report of study of Evaluation and optimization distribution network at PDAM Batang and PDAM Rembang was discussed, including the proposed priority area of both PDAM that require further investigation, as well proposed capacity building/training for PDAM staffs. At this quarter Also IUWASH conducted pre-bid meeting for optimization study for networks of PDAM Kudus, PDAM Salatiga, PDAM Sukoharjo and PDAM Klaten.

Through mentoring of optimizing distribution network at PDAM Lamongan and PDAM Probolinggo, both PDAM were successful in recorded their whole systems (as built drawing) and their staff is now capable to evaluate capacity and expected pressure of network using EPANET (open source software produced by EPA). During this mentoring, trainings and field work were not only attended by PDAM staffs from these two PDAMs, but included also staff from 7 nearby PDAMs, who after the training also begin to evaluate their distribution network by themselves using EPANET.

Production Capacity Optimization

Optimizing Production capacity is an important part of increasing access to piped water in the most cost efficient way and provides direct benefit for customer and PDAM. In this quarter, IUWASH started to mentoring PDAM Lamongan and PDAM Kota Mojokerto on production optimization: PDAM Lamongan has 3 Water Treatment Plants (WTP), which current production capacity already is more than 50% below design capacity (from 500 l/s to 210 l/s), while PDAM kota Mojokerto has WTP with design capacity 150 l/s, but due to the poor condition of WTP, it is only able to produce 60-70 l/s and only serve 4.400 connections instead of the original planned 10,000 households. With the optimization and re-rating fo these WTP they will be able to serve at least an additional 10,000 families.

As part of production optimization program in other regions, IUWASH conducted training on improvement of operation maintenance of WTP and discussed with PDAM staff to prepare Standard Operation Procedure for proper operation & Maintenance of WTP.

Next quarter IUWASH will start to conduct study on upgrading WTP at PDAM Lebak district. In this quarter IUWASH already surveyed the WTP for prepare Scope of Works of upgrading study by third party. Finally in this quarter the construction of the reservoir to service the community at Jomblang (Kota Semarang) was completed and final testing will take place in next quarter followed by installation of 1,000 house connections.

GIS/MIS support

The aims of GIS/MIS support is to increased understanding and capability of the PDAM to operate water supply GIS/MIS to improve operation and maintenance of the distribution network, improve services to customers through better water billing, and accelerate network expansion and the number of customers served. For PDAMs not yet familiar with GIS technology, IUWASH introduces and provides basic GIS training, while for PDAMs already using GIS, IUWASH assesses how to improve and optimize their capacity and, where requested, introduce MIS for customer data.

Since PY3, IUWASH has supported PDAM Kota Bogor in setting up a GIS/MIS system using open source software, and trained PDAM staffs to be able to operate and improve the system sufficiently without relying on other parties. By end of PY3, PDAM already developed MIS, with assistance of IUWASH. In this first quarter of PY4, IUWASH discussed with PDAM Kota Bogor, how to implement training and field survey to collect customer spatial data of 130.000 customers, and how to improve customer billing system using online billing and Website. This will then become example for all other PDAMs.

The IUWASH mentoring to develop spatial data of distribution network and spatial customer data at pilot area at PDAM Malang district resulted in replicating by PDAM, which by end of this quarter already covered 75% of PDAM Kab Malang customer base. At PDAM Probolinggo city the replicating by PDAM already covered 100% spatial data of piping network and 40% of customer data. The replication at PDAM Batu city is just starting in this quarter.

In the next quarter this program will be continued in all IUWASH regions including more training, monitoring and technical support where required. Programs will also be introduced to PU and PERPAMSI at National level.

Program WS 2: Improved PDAM Financial Aspects

PDAM corporate planning

Corporate planning provides a basis for the medium-term development of each PDAM, and is an important reference for service improvement. In this quarter five business plans developed by PDAM with IUWASH assistance were completed, inclusive of the approval from the respective District Head. These PDAMs are: Tanjung Balai, PDAM Pematang Siantar in North Sumatera, as well as Kabupaten Jombang, Kabupaten Mojokerto, and Kota Batu. Initial drafts were also completed by PDAM Tebing Tinggi and several additional PDAM, with approval expected in the coming quarter.

Seven additional PDAMs began receiving assistance in the compilation of corporate plans this quarter, increasing the total portfolio to 26 across the regional offices. In the following quarter, IUWASH will continue working with PDAMs to develop the remaining chapters as well as urging PDAM partners to obtain official approval from District Head in supporting its implementation.

IUWASH PDAMs receiving corporate planning support

	Location	Progress through QPR 11/PY4
1	Tanjung Balai	Final with approval from Mayor (SK Walikota) in November 2013
2	Tebing Tinggi	Final in September 2013, approval from Bupati is in process
3	Pematang Siantar	Final with approval from Mayor (SK Walikota) in November 2013
4	Langkat	Investment plan and financial projection is in process
5	Kab. Labuhan Batu	
6	Kab. Karawang	Final with final approval from Bupati – PY3
7	Kab. Bekasi	All chapters is completed – Draft is in review
8	Kota Bogor	Final in September 2013, approval from Walikota is in process
9	Kab. Serang	Final with approval from District Head in July 2013
10	Kab. Lebak	All chapters is completed – Draft is in review
11	Kab. Purwakarta	Development/Improvement Plan to be prepared - Ch. 8 dan 9 are in process.
12	Kab. Kendal	Final with approval from District Head in May 2013
13	Kab. Kudus	Draft Final waiting CCVA input to be taken into improvement projection.
14	Kab. Semarang	
15	Kota Salatiga	
16	Kab. Sukoharjo	Final with approval from District Head -September 2013
17	Kota Semarang	Preparation
18	Kab. Klaten	Last Chapter of Financial Projection is in process
19	Kab. Jombang	Final with approval from District Head in November 13
20	Kab. Probolinggo	Final in September 2013, approval from Bupati is in process
21	Kab. Mojokerto	Final with approval from District Head in October 13
22	Kota Batu	Final with approval from District Head in October 13
23	Kab. Lamongan	Final in September 2013, approval from Bupati is in process
24	Kota Malang	Preparation
25	Kab. Bantaeng	Preparation
26	Kab. Jayapura	Preparation

PDAM tariff review and billing and accounting programs

Regular, incremental tariff adjustments are a fundamental aspect of ensuring the financial health of a PDAM and, in doing so, supporting the continued expansion of services. Further, modernized accounting a billing systems allow that PDAM to better track its expenses and make more informed financial decisions.

During this quarter the proposed tariff adjustment for PDAM Gresik was approved by the District Head. This tariff revision represents a milestone for the utility, as it has not experience a change in tariff in 10 years. With the additional cash generated by the tariff increase, the PDAM can finally begin to pay back outstanding loans to the Ministry of Finance. Additionally, IUWASH also commenced tariff assistance this quarter to PDAM Klaten in Central Java and PDAMs Jeneponto and Takalar in South Sulawesi. The table below provides a snapshot of the progress for tariff adjustments supported by IUWASH. Regarding billing and accounting system improvements, IUWASH is presently expanding its assistance to include PDAMs Bantaeng and Parepare in South Sulawesi. The programmer for the software is expected to be selected in the upcoming quarter.

IUWASH PDAMs receiving tariff adjustment support

	Location	Progress through QPR 9/PY3
1	Kota Parepare, South Sulawesi	Approved by Mayor in January 2013
2	Kota Pematang Siantar, North Sumatera	Approved by Mayor in July 2013
3	Kabupaten Karawang	Tariff Reclassification preparation. Reclassification Survey to be conducted in January 2014.
4	Kab. Mojokerto, East Java	Discussion with local government for approval
5	Kab. Probolinggo, East Java	Discussion with local government for approval
6	Kab. Lamongan, East Java	Approved by Bupati in July 2013.
7	Kab. Gresik, East Java	Approved by Bupati in December 2013
8	Kab. Batang	Tariff adjustment proposal is in final preparation.
9	Kab. Klaten	Tariff reclassification is in process for its new class criteria, through PDAM director's decree.
10	Kota Semarang	Preparation is in process, developing action plan
11	Kab. Sukoharjo	Preparation is in process, developing action plan
12	Kab. Sidrap	Preparation for Bupati approval
13	Kab. Jeneponto	Tariff Reclassification through SK Direktur PDAM is issued in December 2013.
14	Kab Takalar	Tariff Reclassification through SK Direktur PDAM is in preparation.
15	Kab. Pinrang	Preparation for Bupati approval
16	Kab Enrekang	Preparation for Bupati approval

PDAM debt restructuring

The restructuring of overhanging debts is an important aspect of putting water service providers on the road to financial health. The Ministry of Finance regulation for debt restructuring of PDAM loan has been ineffective as its duration period ended in 4 July 2013. During the reporting period, technical assistance for developing debt restructuring proposals was not provided; however, monitoring activities continued in collaboration with the Ministry of Finance, BPKP and BPPSPAM. The monitoring results will become an important reference for the forthcoming decree on permanent debt write-offs for PDAMs. The table below summarizes that status of IUWASH debt restructuring assistance for the respective PDAM partners.

IUWASH PDAMs receiving debt restructuring support (status as of December 2013)

	Location	Debt restructuring stage	Progress
1	Medan	Approved	To be monitored using 2013 financial data.
2	Tanjung Balai Kota	Monitoring	Monitored by IUWASH and MoF
3	Tebing Tinggi Kota	Monitoring	
4	Pematang Siantar Kota	Monitoring	
5	Sibolga Kota	Monitoring	
6	Langkat Kab.	New	
8	Lebak Kab.	New	Proposal submitted to MOF
9	Karawang Kab.	Monitoring	Monitored by IUWASH and MoF
10	Tangerang Kab.	Monitoring	
11	Semarang Kota	Monitoring	
12	Semarang Kab.	Monitoring	
13	Surakarta Kota	Monitoring	
14	Grobogan Kab.	Monitoring	
15	Lamongan Kab.	New	Proposal submitted to MoF
16	Probolinggo Kab.	New	
17	Gresik Kab.	Monitoring	Monitored by IUWASH and MoF
18	Mojokerto Kab.	Monitoring	
19	Makassar Kota	Monitoring	

	Location	Debt restructuring stage	Progress
20	Jayapura Kab.	Monitoring	Proposal submitted to MoF
21	Parepare Kota	New	
22	Enrekang Kab.	New	
23	Maros Kab.	New	
24	Jeneponto Kab.	New	
25	Takalar Kab.	New	
26	Sidrap Kab.	New	
27	Pinrang Kab.	New	

Program WS 3: Improved PDAM Customer Engagement Aspects

A good, professional customer engagement program is crucial for the PDAM's reputation, its ability to get support for tariff increases, and the willingness of customers to connect to the system and regularly pay their bills. IUWASH is supporting PDAM to engage with customers through some of the most commonly used tools like Customer Satisfaction Survey (CSS), and to establish a PDAM customer forum, to directly engage with customers. During this quarter the main focus was on supporting PDAM customer forums in all regions.

Customer Forum

The active participation of civil society in monitoring and reporting on the quality of water services is fundamental to achieving sustainable improvements in water supply services. Through this task, IUWASH aims to promote community participation in monitoring PDAM service quality, so as to contribute to enhanced PDAM performance. By end of PY 3 IUWASH successfully assisted 6 PDAMS to establish customer forum (PDAM Sidoarjo, PDAM Jayapura, PDAM Takalar, PDAM Sidrap, PDAM Kab. Tangerang, and PDAM Jombang). In Central Java IUWASH made all preparation and introduction of setting up 4 PDAM customer forum in the previous quarter ; the actual establishment and subsequent capacity building of the Customer Forums started this quarter through third party; after they have been setup training will be conducted leading to action plan developed jointly with PDAM. In North Sumatra, the preparation for 3 customer forum also is in process in this quarter.

To further support and strengthen this program, IUWASH National team also provided customer service training to regional IUWASH teams in combination with PDAM staff and the results can already be seen, such as more convenient room arrangement for visitors, improved complaint handling system, and increased confidence of PDAM customer service staff by to carry out their duties.

In the next quarter IUWASH National, Regional team assisted by STTA will continue assisting PDAM to setup customer forums in other cities, and provide assistance and capacity building to the forums that have been formed. Also the results will continued to be shared at National level with PU and BPPSPAM, who both showed great interest in learning more about IUWASH approach for this subject. Also the four Customer Satisfaction and two Real Demand Survey's agreed in the workplan will be started in the next quarter.

Program WS 4: Raw Water / Climate change

A series of nine steps have been developed to implement the CCVAAP program, which is summarized in previous reports and explained in detail in the "CCVAAP Inception Report". In total 20 PDAM are supported by IUWASH to go through all 9 steps, which starts with the *Climate Change Vulnerability Assessment (CVVA)*, followed by several stakeholders consultation workshop leading to

the development and adoption of first the *Asset Risk Matrix (ARM)* and ultimately a *Climate Change Vulnerability Assessment Adaptation Plan (CCVAAP)*, which contains concrete actions for PDAM and PEMDA. IUWASH will then lobby to have the CCVAAP included in the PDAM Business Plan as well as the PEMDA 5 year plans (RPJMD). Concrete Actions can include the construction of infiltration ponds (already ongoing in joint program with CCFI) or development and adoption of regulation on raw water protection.

This quarter IUWASH continued to carry out the climate change vulnerability assessment (CCVA) as an important element in the adaptation cycle. While the CCVA for Pematang Siantar and three locations in Central Java are reaching conclusion, the recently commenced CCVA in two locations in West Java is in progress of data collection and field survey. The data gathered show that key raw water sources used by the PDAMs experience reduced flow associated with land use change in the catchment area and climate change. The CCVA work in East Java (5 locations) has commenced, and initial findings have been discussed with PDAMs. The five PDAMs expressed great interest that the study will help them to obtain more reliable raw water resources particularly anticipating the growing demand in their service areas.

In the coming quarter, IUWASH supports Kab Batang (Central Java), Sibolga (North Sumatra), and Pare-pare, Enrekang, Pinrang, and Sidrap (South Sulawesi) to start with the CCVA study. CCVA for Sibolga is recently awarded to Lemlit Universitas Syah Kuala, while CCVA for Batang is underway with SoW development with PDAM and field survey at raw water intakes. Finally for the CCVA for four locations in South Sulawesi the tender process is just concluded and a third party will soon be appointed to conduct the study starting in next quarter.

In terms of the Assets Risk Matrix (ARM) and adaptation options development, PDAMs and PEMDA staff of Kab Semarang, Kab Kudus, and Kota Salatiga (Central Java) and Kab Mojokerto (East Java) and IUWASH further discussed and reached consensus over the adaptation options. An important adaptation option, for instance, that emerged in Kab Kudus is the need to have local regulation that addresses over-exploitation of ground water and given the condition of existing raw water sources, the discussion urged the realization of Logung dam to provide raw water for PDAM. In the next quarter, the adaptation options agreed during stakeholder workshops will be finalized with decision makers to obtain their commitment for integration them into local planning and budgeting process. For Kab Mojokerto, the stakeholders discussion also included the regulatory framework crucial to address their water resources conservation issues. IUWASH will initiate the drafting of local regulation (PerBup) with related local government agencies in Kab Mojokerto in the next quarter.

The development of infiltration ponds in collaboration with Coca-Cola Foundation Indonesia (CCFI) started in two new locations in Central Java (Kab Semarang and Kota Salatiga) with community development, while in Pematang Siantar the 241 infiltration ponds were completed in this quarter and Kab Mojokerto the work is expanding with an additional 200 infiltration ponds to be constructed in two villages in the next quarter. For the completed infiltration ponds in Kab Mojokerto, the PDAM has already budgeted a slot for maintenance. In January 2014, an event will be held in Kab



IUWASH

The field visit by several LG institutions to the location of construction of infiltration pond in Mojokerto District.

Mojokerto to disseminate the results of the infiltration ponds construction to broader stakeholders to promote replication in other locations.

In this quarter IUWASH also initiated a discussion with Direktorat Pengembangan Air Minum (PAM), of Ministry of Public Works to seek collaboration is through harmonization of workplans and comparing the IUWASH's nine-step CCVAAP approach with MPW RPAM (Rencana Pengamanan Air Minum). More focused discussion with Direktorat PAM will be held in next quarters, including a larger roundtable discussion involved also other national stakeholders.

Program WS 5: Microfinance

IUWASH supports the utilization of microfinance to assist low-income households in paying for connection fees to their local water utility. Many utilities, for example, charge between \$100 and \$200 for the installation of piped water, an insurmountable amount for lower income and poor families. During the reporting period, 1,452 households obtained piped water connections under the auspices of IUWASH-facilitated partnerships between PDAMs and microfinance institutions, bringing the life-of-project total to 7,856 households.

From the total number of connections this quarter, approximately 70 came from an expanding partnership in Surabaya between BRI and PDAM Surabaya. While slightly lower than originally projected, this is likely due to the PDAM's annual connection discount program from November through December wherein new customers pay 50% of the normal cost. As such, the pace of new connections is forecast to increase during the following quarter.

In addition, the Ministry of Public Works requested that IUWASH provided targeted support to the water hibah program under PDAMs Sukoharjo and Klaten. The PDAMs and the Ministry of Public Works are seeking to connect up to 4,000 low income households in these jurisdictions, with connection fees of IDR 500,000 amortized over 24 months.

The following table summarizes the status of the microfinance program in with each PDAM.

Region	PDAM	Bank/MFI	Status	Notes
North Sumatra	Langkat	PDAM Cooperative, and BSM	<ul style="list-style-type: none"> - MOU signed with PDAM Cooperative. - Completed new WTP 50 lps - Implementing in five sites. 	<ul style="list-style-type: none"> - Achieved 174 hh including 109 hh in Q11. - Potential for PY4 1.000 hh and 1.000 PY5
	Labuhan Batu	PDAM Cooperative and BSM	<ul style="list-style-type: none"> - PDAM launched new WTP 30 lps for low income target with MC - 251 connections installed in Q11. - PDAM has more 200 connections to be installed in next months. 	<ul style="list-style-type: none"> - IUWASH provided training on: house connection, SOP development, promotion. - Expected 700 hh in PY4 and 500 hh in PY5.
DKI, West Java and Banten	Serang District	PDAM and Koperasi /AKR (MFI)	<ul style="list-style-type: none"> - Drafting MOU between AKR and PDAM. - New AKR Branch already established in Serang. 	<ul style="list-style-type: none"> - Limited idle capacity and PDAM Cooperative has low interest. - AKR is waiting for funding from LPDB (ministry of cooperative)
	Lebak District	Koperasi /AKR(MFI)	<ul style="list-style-type: none"> - MOU signed with new director. - AKR ready to establish new branch office in Lebak. - 1500 potential of MBR's listed in line with water hibah program. 	<ul style="list-style-type: none"> - Completed new wtp 50 lps with 500 hh in the waiting list for MC - Expected 600 PY4 and 400 PY5.
Central Java	Semarang City	BRI	<ul style="list-style-type: none"> - PDAM signed mou with BRI. - Pilot location for micro credit for 500 hh in Jomblang. 	<ul style="list-style-type: none"> - Promotion training completed. - Drafting MOU with BPRS. - Potential 1000 in PY4

Region	PDAM	Bank/MFI	Status	Notes
			- New Dirut of PDAM interested in micro credit program.	- Expected to start in Q12 (February 2014).
	Klaten District	MFI-PDAM Cooperative	- Promotion training completed - Program on going achieved 723 hh including 133 in Q11. - PDAM request to use marketing to support water hibah program	- IUWASH provided training and promotional materials - Potential 1.500 hh in PY4 - Marketing start in March 2014.
	Sukoharjo District	MFI- PDAM Cooperative	- Promotion training completed - PDAM request marketing for supporting water hibah program	- Potential 1.500 hh in PY4 - start marketing in March 2014.
	Rembang Disctrict	PDAM Cooperative	- Promotion training completed - Program ongoing to support PDAM installment program.	- Program started in March'13.
	Kudus Disctict	BSM - PDAM Cooperative	- PDAM completed 2.500 hh Lack of water sources.	- PDAM has a target 2.500 hh in '13 - PDAM has internal problems
East Java	Surabaya City	- BRI Kupedes - MoU with BSM ongoing	- Continuation of ESP's MOU. - BRI propose new MOU to involve more BRI Unit. - BRI provided promotional material - Achieved 132 hh connections	- Significant potential of MBR to use micro credit scheme. - Potential 3,000 hh in PY4 - Marketing started, achieved 70 hh in month-1.
	Sidoarjo District	BRI and BSM	- Adaptation of MOU of BRI's Surabaya model agree by BSM.	- potential for MBR 2000 hh (PY4). - Waiting approval from BSM. - Implementation start in Q12.
	Mojokerto District	BRI, BSM, BPR Jatim, PDAM Koperasi	- with PDAM Cooperative and BRI, BSM and BPR Jatim. - Started to discuss NPL and possible Askrindo insurance	- IUWASH provided promotional training & materials - Potential 750 hh in PY4
Sulawesi/ SSEI	Jeneponto Disctrict	MFI-Koperasi Pasar-BRI	- Promotional training and materials support completed	- Potential for PY4 and PY5. - Real demand survey completed
	Maros District	Koperasi BMT Al-Azhar-BSM	- Promotion training completed - Koperasi (BMT Al Azhar) signed MoU with PDAM.	- PDAM has sufficient water source - Expected to achieve 100 hh in PY4 - Real demand survey completed
	Sidrap District	MFI, Koperasi Denas 66	- Promotion training completed - Signed MOU with local Cooperative	- PDAM has sufficient water source from new IKK 20 Ips. - Real demand survey completed

Program WS 6: Master Meter

Installation of Master Meter (MM) systems is one of two key IUWASH strategies to increase water access to low-income families (with promotion of microfinance being the other). With an MM system, a group of households have individual meter connections, but the network is connected to a PDAM bulk meter. In the community a CBO manages the system, collects monthly tariff payments, and handles the operation and maintenance (O&M) of the MM system.

In cooperation with PDAM Kab. Tangerang and Ministry of Public Works, IUWASH develop Master Meter scheme to serve 450 connections through 12 master meters managed by 3 CBO. The construction and capacity building in the community to establish a CBO to manage the meters was completed this quarter as well as the signing of the cooperation agreement between PDAM Kab. Tangerang and one of the CBO. In next quarter cooperation agreement will be signed between PDAM Kab. Tangerang and other two CBO and the system will be fully operational.

At this quarter, IUWASH cooperated with PDAM Sidoarjo to develop Master meter for 350 low income households managed by 4 CBOs. The inauguration was held on 13 November 2013 by Chris Holmes, USAID Global Water Coordinator/Washington and PDAM Kab. Sidoarjo, attended by US consulate Surabaya, USAID Indonesia and Management of PDAM Kab. Sidoarjo. During this event Louis O'Brien, CoP IUWASH, handed over the asset to management of 4 CBOs.

PDAM Surabaya also requested IUWASH support to extend the previous master meter systems (under OBA) to new locations. Initially HSBC showed strong interest to support this under their CSR program, but during this quarter it became clear, that this will not be possible. Therefore IUWASH agreed with PDAM Surabaya to conduct survey of new Master Meter areas for 400 households, as well as prepare the scope of works for implementation financed under IUWASH grant. Tender process will be done in the coming quarter.

Detailed Engineering Design of Master Meter to serve 100 households, as integrated part of the "Kampung Sanitasi" -Sanitation Village (Surakarta) was completed this quarter and accepted by PDAM and Bappeda Surakarta. The next quarter will see the community capacity building and start of physical construction.

Finally for DKI Jakarta, IUWASH continued discussion with all stakeholders interested to develop master meter in Jakarta as can be seen in table below. All parties expressed interest and detailed discussion will be started in next quarter.

Partner	Main responsibility
PAM Jaya	Formally agree on Master Meter concept (on behalf of PEMDA DKI), including tariff structure, locations
AETRA (operator of North + East zones) Palyja (operator of South + West zones)	Provide distribution network until the master meter location ; support preparation of DED/BoQ; reach agreement with CBO (on behalf of local community) on tariff, collection; conduct technical training an/or trouble shooting (within community as well as with others), etc
Asian Development Bank (ADB)	Provide technical support + financing for construction of master meter (including pipe network and individual water meters) and advocacy program to decision makers
IUWASH	Provide technical support (identification locations, establishment CBO, DED, training CBO, etc), advocacy to decision makers and if financing from ADB insufficient financial support (through IUWASH grant).
Ministry Public Works	Support advocacy to local decision makers on master meter approach to increase safe water access for poor (informal) communities.

Program WS 7: Capital Expenditure Financing

Program WS 7 emphasizes increasing capital investments in water infrastructure, and, in doing so, expand water supply services. Technical support from IUWASH aims to assist PDAMs to access infrastructure financing from a variety of sources, including commercial financing institutions, private sector investors, or central and local government funds.

During the last quarter several capital expenditure projects moved closer to contractual execution and construction. In Bekasi (West Java) IUWASH continued facilitating the bidding process of the Teluk Buyung project (200 LPS) to select a private sector operator. Two additional projects in Kota Bekasi—Mustika Jaya of 200 LPS and Jatibening of 200 LPS—are expected to follow a similar path as

Teluk Buyung afterwards. Meanwhile in Tanjung Balai (North Sumatra) the PDAM launched the selection process for the construction company for the 100 LPS treatment facility. The project construction will likely begin in January 2014 and improve access for 37,500 people. Finally, in Kabupaten Serang, the PDAM and local government opted to finance the 200 LPS project under a public private partnership. During the quarter, IUWASH and the PDAM continued the negotiation process concerning the water charge agreement, facilitating serial meetings between the PDAM and the private sector.

In the next quarter IUWASH will initiate support for a new project with PDAM Gresik. Specifically, the PDAM is considering a 2000 LPS treatment facility that will be financed in close collaboration with the private sector. The table below summarizes the current status of the IUWASH portfolio of capital expenditure technical assistance in the water sector.

Progress in PDAM Capital Expenditure Program (December 2013)

PDAM	Project Description	Progress through Quarter 10/PY3
Kota Tebing Tinggi <i>North Sumatra</i>	- 200 lps regionalization project (Tebing Tinggi and Serdang Bedagai) for 15,000 connections - Anticipated financing: Perpres 29 fund has been selected.	Pre-FS completed in Aug 2013 and presented to Ministry of Public Works. Next step: prepare revision of Pre-FS.
Kota Tanjung Balai, <i>North Sumatra</i>	- 100 lps WTP in Kelurahan Sirantau for 7,000 connections ; - Funding to be leveraged from APBD	Selection of construction management company is close to final. Construction expected to start in January 2014.
Kota Bekasi <i>West Java</i>	- Bekasi Barat – Teluk Buyung: 200 lps production and distribution (5.000 connections. - Anticipated financing: PPP	Bidding of private sector is underway. Contract signing expected in January 2014. Distribution network may still be financed by PerPres 29.
	- Jati Asih and Pondok Gede Project: 300 lps as a new project replacing Jati Asih previously developed with PJT. Approx for 24.000 connections. - Anticipated financing: PPP	PDAM has cancelled its agreement with PJT due to disagreed on water charge agreement. The project was then combined with Pondok Gede and its FS has been completed. Bidding process will be conducted in 2014.
	- Mustika Jaya: 200 lps production and distribution for 15.000 connections. - Anticipated financing: PPP	Final FS completed and prequalification of bidders is in process.
	- Jatibening: 200 lps production and distribution, with 15.000 new connections e. - Anticipated financing: PPP	Final FS completed and prequalification of bidders is in process.
	- Bintara Jaya 200 lps production and distribution with 15.000 connection. - Anticipated financing: PPP	Final FS completed and bidding process to be conducted in 2014.
Kab. Tangerang <i>Banten</i>	- New WTP in Tangerang of Cibogo project of 100 lps with about 7.500 connections - Anticipated financing: internal cash flow	FS has been completed and land acquisition is in process
	- New WTP of Cihuni project of 100 lps with 7.500 potential connections. - Anticipated financing : internal cash flow	Project's FS has been completed and PDAM is currently acquiring the land.
Kab. Serang <i>Banten</i>	- Greenfield water supply project for Ciruas/Cibaja (300 lps; 24.000 connections. - Anticipated financing: PPP	PPP scheme is selected. Intensive meetings to negotiate water tariff still underway with selected private sector partner.
Kota Surakarta <i>Central Java</i>	- 300 lps bulk water supply project for 24.000 connections (10,400 new connections) - Anticipated financing: Perpres 29	FS is completed. Discussion with SATKER (MoPW province) to be held and presented to DPRD followed by Central Government.

PDAM	Project Description	Progress through Quarter 10/PY13
Kab. Kendal <i>Central Java</i>	- 300 lps Telogo Mili (spring source) for 24.000 connections. - Anticipated financing: Perpres 29 plus GOI loan	FS and DED completed. Awaiting water usage permit (SIPA) from province; potential bank identified for funding; Land acquisition to be funded by 2014 APBD.
Kota Gresik <i>East Java</i>	- 250 lps water supply project, consisting of new treatment plant and uprating of existing plant. - Anticipated financing: PPP	Construction of new treatment plant and uprating existing nearly complete. IUWASH continues to assist in contract amendment.
	- 2000 lps of Sebayat Project will be developed gradually through several sub-projects.	Preliminary discussions held in December 2013.
Ambon <i>East Indonesia</i>	- 35 lps treatment plant serving approximately 6,000 households. - Rehabilitation of existing 20 lps treatment plant serving 2,000 households - Anticipated financing: APBN and APBD	IUWASH completed the detailed engineering designs for both plants as well as survey for customer location and distribution lines. Tender was completed and continued for construction.
Jayapura, <i>East Indonesia</i>	- 30 lps treatment facility serving 2,500 households - Anticipated financing: APBN 2014	IUWASH supported DED for funding APBD 2014. Land acquisition for pipe delayed work, will start early 2014.

Creditworthiness Ladder

IUWASH developed the Creditworthiness Ladder (CWL) as a financial assessment tool for water utilities, providing a snapshot of solvency as they look to obtain funds for new investments. During the last quarter IUWASH officially engaged Pefindo, a credit rating agency, to provide inputs for the tool from the agency's perspective, including any potential improvements. IUWASH plans to introduce the tool to national stakeholders and PDAM partners in the next quarter in the form of a national workshop.

The table below summarizes the results of the roll-out of the credit worthiness ladder across the latest round of PDAMs. Where applicable, scores are also presented for Program Year 2 (2011) for ease of comparison.

PDAMs with improved credit worthiness (Outcome IC-3)

Region	PDAM	CWL Rating		Comments
		2011	2012	
North Sumatra	Kota Pematang Siantar	C- (2.07)	C- (2.02)	- No significant change in PDAM cash flow, resulting in a similar score. The operating profit remains insufficient to strengthen the PDAM's cash position.
North Sumatra	Kab. Sibolga	B- (3.18)	B- (3.28)	- Small increase in score due to the decrease in overall debt, thereby improving the asset to debt ratio.
West Java	Kota Bogor	A- (4.18)	A- (4.00)	- Uncertainty of president director position in relation to the current director's issue.
West Java	Kota Bekasi	B+ (3.92)	A- (4.07)	- Rating increased due to PDAM has generated significant profit and better performance of its account receivable.
West Java	Kab. Serang	B+ (3.39)	B+ (3.99)	- Rating relatively stable, but as number shown increase. Planning for adding production plant through PPP increased score. Generating more profit has also added the score.
Central Java	Kota Surakarta	C+ (2.82)	B- (3.29)	- Rating increase due to a regular tariff adjustment that strengthens the financial position. The restructuring of debt also contributed to the rise in score.
Central Java	Kab. Kendal	B+ (3.79)	B+ (3.75)	- Slight decreases in score due to the lack of a regular tariff adjustment which led to decreases profitability.

Region	PDAM	CWL Rating		Comments
		2011	2012	
Central Java	Kab. Klaten	A- (4.11)	A- (4.28)	- Slight increase in score due to tariff adjustment. Areas of weakness include coverage and protection water sources
Central Java	Kab. Rembang	C+ (2.81)	C+ (2.85)	- No significant change in score. Credit weaknesses include the low tariff as well as the low service coverage.
East Java	Kab. Gresik	B- (3.07)	B (3.52)	- Increase in score due to restructuring of long term debt. - Tariff level remains a concern, which will eventually impact the liquidity and profitability of the PDAM.
East Java	Kota Malang	A- (4.25)	A (4.42)	- Credit strengths include tariff and customer increase. - Credit weaknesses include high non-revenue water.
East Java	Kab. Sidoarjo	B+ (3.88)	B+ (3.95)	- Small increase due to improved liquidity of the PDAM. - Important to monitor net profit, which continues to show a declining trend. A tariff increase will be necessary soon.
South Sulawesi	Kota Pare Pare	B+ (3.45)	B+ (3.58)	- Small increase in score due to improved cash to debt ratio. - A tariff adjustment will likely be needed in the near future to reverse the current decline in net profit.
East Indonesia	Kab. Jayapura	C (2.34)	C (2.40)	- Score remains below investment grade due to overdue debts, a tariff below cost recovery, low service coverage, and high non-revenue water. Additionally, liquidity likely to decline in the coming period and staff capacity is low.
South Sulawesi	Kab. Bantaeng	C+ (2.76)	C+ (2.78)	- Tariff remains below cost recovery, requiring an adjustment. Greater support from the Local Government is also required to increase creditworthiness. - Credit strengths include the lack of long-term debt.
South Sulawesi	Kab. Maros	C (2.40)	C (2.56)	- While there is a small increase, the score remains well below investment grade due to amount of long-term debt, high non-revenue water, small operating profit, and a low collection rate for accounts receivable.

Program WS 8: PDAM Institutional Support

Strengthening PDAM internal structures

Strengthening PDAM internal structures is crucial to be conducted in the efforts to improve water service for the customers. Deficiency within PDAM due to excessive number of employees is needed for improvement by restructuring its organization or increasing significant number of customer immediately. In other side, strengthening internal structure is also be achieved by having its director whose competency fits to the job requirement of position.

During the reporting period IUWASH finalized the study on the organization restructuring of PDAM Kota Binjai. The new structure is expected to be fully implemented by mid-2014 in accordance with the recommendations of the study. Notably, several other PDAM partners have indicated an interest in carrying out similar studies, meaning that there may be an opportunity for replication later in PY4. Also, PDAM Kabupaten Semarang is currently seeking a new President Director, and has requested that IUWASH facilitate the selection process in the upcoming quarter.

Capacity Building for Stakeholders (DP, DPRD, Pemda)

Continued improvement of local government's awareness of water and sanitation services has been considered crucial to be facilitated by IUWASH. Lack of understanding of water and sanitation service issues has created a need to build capacity of local government especially whose position links to the water and sanitation issues.

During this quarter there was no formal training conducted for PDAM Supervisory Board members, but during the discussions and meetings with PDAM management, Supervisory Board were regularly involved and provided valuable inputs. In the next quarter, training for new Supervisory Board members will be held in West Java and North Sumatra regions as a follow-up to previous training with the aim to increase their understanding of the PDAM operation and their responsibilities in this.

Regionalization of raw water sources and/or PDAMs

The increasing raw water shortage has become a flashpoint for local governments around the country as they struggle to meet the needs of their citizens. Despite the expansion of service delivery infrastructure, water utilities are hard pressed to provide services commensurate with demand as rivers run dry and groundwater levels continue to drop. One approach to addressing this issue is via the “regionalization” of raw water resources wherein a single entity allocates bulk water resources to multiple PDAMs, resulting in a more integrated and efficient use of scarce water resources. Over the last quarter, IUWASH support for regionalization has focused on the following locations:

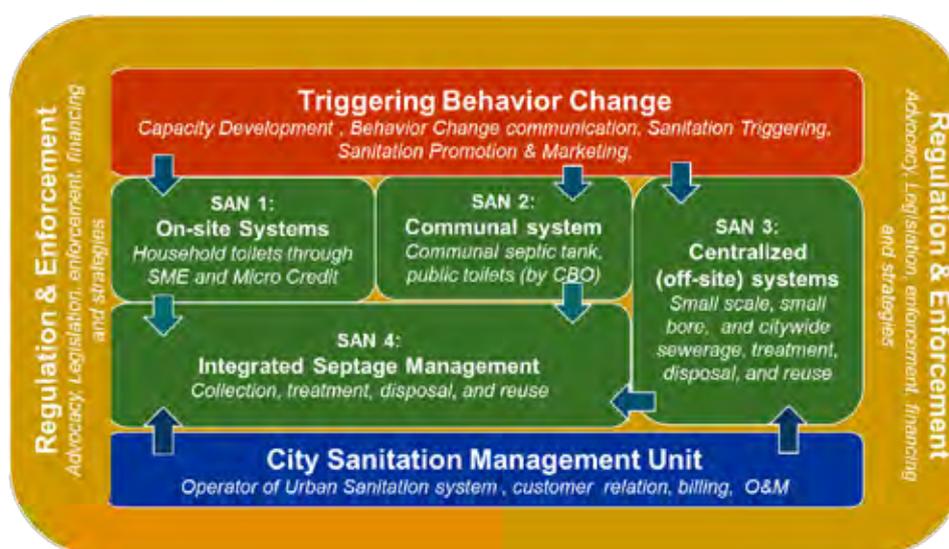
- In Tebing Tinggi (North Sumatra) the pre-feasibility study was discussed with central government officials to obtain financial support. The project will supply Kota Tebing Tinggi to increase its service coverage as well as the residents of neighboring Serdang Bedagai. Represented by the Ministry of Public Works, the central government has verbally agreed to finance the project and requested the implementation of a full feasibility study.
- In Central Java, a regionalization project involving three parties—PDAM Kabupaten Semarang, PDAM Kota Salatiga, and PDAB (the Provincial Government’s Drinking Water Company)—continued with the completion of an affordability analysis and the presentation of the analysis’ results to local stakeholders.
- In Banten, a draft of MOU for the joint water supply service between Kabupaten Tangerang and Kota Tangerang Selatan was postponed indefinitely by Kota Tangerang Selatan due to political reasons.

Section 2.3

SANITATION SECTOR

To achieve the IUWASH sanitation target of improving access to sanitation for 250,000 people or 50,000 households, IUWASH has integrated the three project components (increasing demand, improving service provider capacity, and supporting an enabling environment) into an Urban Sanitation Sector program with a portfolio of five urban sanitation programs (see box).

Through these programs, IUWASH provides support to all critical elements of urban sanitation infrastructure, through either direct technical assistance or grant programs, depending on the ongoing and planned activities of the local and/or national government. In order to strengthen everyone's understanding of the conceptual framework within which IUWASH is advancing sanitation programming, IUWASH introduced the "Urban Waste Water Framework" to show the different components of a comprehensive Urban Sanitation Roadmap at city level and their interrelationships:



Urban Waste Water Framework

Main achievements this quarter

The following section summarizes the main achievements in the urban sanitation sector this quarter under the four signature approaches, followed by other achievements. More details can be found in subsequent chapters of this report and in the five regional reports, including updates on the sanitation anchor projects. For more details of ongoing sanitation initiatives programs in each IUWASH location, see Annex 2 (Sanitation Matrix).

Signature Approaches:

IUWASH has defined four signature approaches in the sanitation sector, showcasing innovative approaches that can be used as examples by the GOI and donor agencies and are implemented with direct assistance from IUWASH experts and subcontracted third parties.

Demand Creation for Individual and Communal Systems

- Continued Capacity building for STBM facilitators and sanitarians in all five IUWASH regions

- Introduction “Satu Lembar untuk satu Jamban” in Jombang
- Obtained support by Ministry of Cooperatives support Cooperative on Sanitation
- Supported USRI and PU/PLP by training 500 people through 11 capacity building activities
- Training of masons for the construction of healthy latrine (as part of the PNPM Mandiri program) in Central- and East Java.
- Co-organizer of the appropriate technology competition with 5 finalist developing prototype in IUWASH locations.

Sanitation management unit (UPTD, etc.)

- Established 6 UPTDs across all IUWASH regions and preparations ongoing for additional 24.
- Continued close collaboration with MoHA (Bangda), USDP and IndII on UPTD establishment, including completing five case studies.
- IUWASH grants and subcontract approved by USAID to support establishment of UPTDs in 3 regions

Promotion of (citywide and small scale) sewerage

- Sanitation promotion and marketing support ongoing in Medan, Surakarta, Bogor, and Jakarta.
- Continued relation with sAIG program to support small scale sewerage system in 10 locations
- Capacity building for UPTD Makassar ongoing in operational management and technical fields
- SoW prepared for sewerage promotion in Makassar + Maros

Urban Sludge Management

- Phase II of improved Urban Sludge Management ongoing: obtained commitment from all 4 cities and conducted surveys
- Detailed assessment on large scale desludging in Surakarta ongoing, meeting with Mayor setup for end of January 2014.
- Meetings held with WSP and ADB on joined financing of large workshop on USM (May 2014)
- Developed options to introduce regular desludging

During this quarter a start was made with recruiting additional 10 Sanitation staff (Advisor Sanitation Marketing, BCC and Technical) at National level (3 new staff) as well in all IUWASH regions (7 new staff) to strengthen the implementation of the overall sanitation program, but with specific emphasis on increased behavior change combined with new marketing approaches for the promotion and marketing of individual sanitation systems.

Collaboration with other parties

IUWASH’s ambitious targets can only be achieved through strong partnerships with key national government ministries, other donor agencies, and other institutions, both public and private. This collaboration can take many forms, including regular exchanges to avoid duplication of effort and to share lessons learned, as well as developing joint programs.

The following table summarizes the main collaborations in the urban sanitation sector this quarter.

Partner	Summary of activities this quarter
USAID/High Five program	Joint meeting on collaboration to develop urban sanitation promotion training module and guidelines. Appropriate technology competition in 10 cities.
Ministry of Public Works	Regular meetings on development of urban sanitation programs: <ul style="list-style-type: none"> • Capacity building for community-based systems (USRI) • Training on improved Urban Sludge Management

Partner	Summary of activities this quarter
	<ul style="list-style-type: none"> Finalizing program on DED for modular IPLT
Ministry of Health	Communication to develop sanitation triggering training module.
ADB (Asian Development Bank)	<ul style="list-style-type: none"> Support capacity building and promotion of USRI program. Organization of joined workshop of improved urban sludge management (planned for May 2014)
WSP (World Bank/Water & Sanitation Program)	Collaboration improved Urban Sludge Management programs ; Discuss joint capacity building for SMEs in sanitation marketing
USDP (Urban Sanitation Development Program)	Collaboration on development Sanitation Management Institution (UPTD) as well as conducting cases studies on existing UPTD
AusAID / INDII	Collaboration on sAIIIG (10 overlapping locations)
PU/Satker for Jabotabek region	Joint programs to develop community-based sanitation systems in DKI Jakarta, Tangerang, Bekasi and Bogor
PD PAL DKI Jakarta	Joint program to develop promotion on sewerage house connection in DKI Jakarta, including introducing regular based desludging concept to local government.

Program SAN 1. Increased access through Individual Sanitation Systems

In the absence of significant coverage of waste water services through decentralized communal sanitation systems or centralized urban sewerage, IUWASH is promoting on-site sanitation as a viable interim solution for the improvement of community hygiene and environmental protection. The technical key elements of on-site sanitation are the availability of a suitable septic tank for each household and regular desludging of these tanks.



The elements of IUWASH interventions include the training of local sanitarians for effectively implementing the triggering process; strengthening the supply chain which includes a combination of government supported sanitarians and cadres, associations, SMEs, religious and community groups, skilled labor; and access to finance, either self-financed, through micro-credit options, or government subsidies.

IUWASH is further encouraging Local Governments in establishing the institutional settings for enhancing regular desludging of septic tanks and the appropriate disposal and treatment of septic sludge (further described under IUWASH Program SAN 4 below).

The SAN 1 program was started in mid 2012 and is now covering around 35 local governments. The following is a summary of the achievement in this quarter

During this quarter IUWASH arranged more discussions with local partners to share valuable experiences of the most effective sanitation marketing



approach to change people's behavior toward obtaining improved individual sanitation systems. In the next quarter, IUWASH will start to integrate the new promotional methods and materials being developed by IUWASH (or available from others) through the subcontracts and grants with third parties.

SMEs and Microfinance

The promotion of individual sanitation system will focus on strengthening existing suppliers (SME) as well as utilizing micro-credit scheme for investment in access in improved individual latrines. Approaches that have been prepared include expanding involvement of sanitarians, local cooperatives, local entrepreneurs and community groups to promote training and development with a variety of media promotion of sanitation combined with micro- credit marketing



Training in Latrine Construction, Teluk Naga.

sanitation options. Good example of small -scale cooperatives and SMEs is in Tangerang, where AKR has started using micro financing for septic tanks toilets and showers in Teluk Naga and Citra Raya; Latrine construction work is now carried out following standard latrine designs prepared by IUWASH and implementation by SMEs in supervision by team IUWASH , as shown in pictures.

In the last quarter, IUWASH also completed the guidebook with sanitation technology options for individual systems in (peri-) urban areas for community cadre, SME, mason and cooperatives. In North Sumatra, Central- and East Java, Scope of Works for larger IUWASH grants have been prepared to be submitted for final approval in January 2014. They include a variety of vendors and financing options, all tailor made to local conditions: The focus in North Sumatra will be on strengthening existing SME to expand their portofolio to include individual sanitation systems, using their own capital or obtain loans from local banks, while in Central- and East Java options of working through existing Cooperatives, using financing from Local Government will be used.

Collaboration with PNPM Mandiri Perkotaan

During this last quarter especially in Central- and East Java formal relations were made with the provincial PNPM Mandiri programs to encourage them to include construction of improved individual sanitation system within their program. In both regions, IUWASH initiated the initial discussion followed by technical training for PNPM staff and local masons on construction latrines. In Central Java this resulted in construction of over 2,000 toilets in 3 locations, all financed through PNPM Mandiri funding. In East Java construction will start in coming quarter, with possibly a contribution by each household of a small part of the construction cost, to be paid in installments. IUWASH has arranged to meet the PNPM Mandiri Perkotaan team in Jakarta in the next quarter, to further discuss the possible expansion of this collaboration.



Appropriate Technology competition

As a support to National sanitation initiatives, IUWASH also supports the STBM Appropriate Technology competition organized by High Five, together with World Vision, Purse Amal SCTV and several other sponsorships. During the KSAN 2013 the finalists were selected which included 6 from IUWASH area's , which are currently conducting the test phase of the prototype technology in IUWASH communities.

Program SAN 2. Increased sanitation access through communal systems

To achieve the IUWASH target of improving access to sanitation for 50,000 households, partnering with the USRI program (which is implemented by the Ministry of Public Works and ADB) and other government programs (SANIMAS/SLBM) constructing communal sanitation systems is critical, especially for the pre- and post-construction phases. Activities supporting these phases are included in these programs, but only receive limited attention, as their main focus is on facility construction. However without a strong emphasis as well on the pre- and post-construction phases, the constructed systems will not be used and maintained properly and within a few years, most will not be operational anymore.

The IUWASH support on pre and post construction includes the following:

Pre-Construction	Post-Construction
<p>IUWASH first develop triggering modules, which are then used in TOT and local training programs</p> <p>IUWASH supports series of triggering activities to raise public awareness and willingness to invest or engage in sanitation sector which exploit reasons beyond improved health as a primary motivator.</p> <p>This strengthens capacity of personnel directly involved in the technical implementation (sanitarians, cadres, facilitators of and other stakeholders) who become local agents of change of behavior at community level.</p> <p>trainings will be provided so ensure that any existing or would-be sanitation facility will be designed and constructed in accordance with the program design by considering also full participation of the community.</p>	<p>Once the sanitation facility is constructed, IUWASH will develop both community-based maintenance and management of the facility and promote the sanitation marketing process as a guarantee for its sustainability.</p> <p>IUWASH will promote the development of waste management units (UPTD), especially to support and oversee operations and maintenance by the local community group (KSM)</p> <p>UPTD will also be responsible for providing quality control and bring together all KSM in a city on a regular basis to exchange experiences and jointly find solutions if systems are not performing adequately. UPTD will prepare the necessary regulation for this in combination with budget allocation.</p>

During this quarter, IUWASH continued active support for the USRI program by conducting field trainings for KSM, BKS and village facilitators in all 14 locations where the USRI and IUWASH program overlap. In two USRI cities (Gresik and Probolinggo), Local Sanitation Management Units (UPTD) were established with the help of IUWASH and for the remaining 12 discussions with by

IUWASH regional teams with Local Government are ongoing, and expected to result in UPTD in all USRI location by mid 2014.

Specific USRI Support for Malang region

In Kota Malang, IUWASH was requested to support the local PEMDA Departments responsible for the USRI implementation with trouble shooting on one of the newly constructed systems and a similar question came by the end of this quarter for Kota Batu. Also for the USRI program in region Malang, IUWASH arranged a comparative study for PEMDA and KSM to an example communal system in Probolinggo, which is constructed by an IUWASH grant and is a combination of Public Toilet (MCK), Communal Septic Tank and piping system to around 50 households in Probolinggo. The Ministry of Public Works is supporting these type of combination systems (public toilet + piping), since they no longer promote to construct just Public Toilets (MCK++)

In the next quarter, the IUWASH national and regional teams will conduct planning meetings with MPW on collaboration for USRI 2014 (starting in January 2014), and the IDB 2014 (starting in April 2014), which will each start with TOT followed by intensive training at Provincial levels. IUWASH teams will use the community triggering and behavior change guidelines for Communal Sanitation systems in urban areas, which were developed in the previous year.

IUWASH support for Communal systems under IUWASH Grants

In 4 locations IUWASH is directly supporting the development and construction of Communal sanitation systems in combination with increasing access to piped water supply, both as showcase for all communal sanitation systems constructed in same cities, as well as demonstrating the direct relation between water supply and sanitation. During this quarter system constructing and capacity building of KSM is nearing completion in Kendal (46 households), Surakarta (50 households) and Tangerang (76 households). All of these will be completed in the next quarter. The DED for a communal sanitation system for Jomblang, Kota Semarang (100 households) is completed and construction will start in the next quarter, coinciding with provision of piped water supply connections through PDAM Kota Semarang and a micro finance scheme.

Program SAN 3: Increase access through off-site sanitation (sewerage)

IUWASH programs to support increased access to sanitation in urban areas includes promotion of sewerage connections both for cities that already have a sewerage system (Medan, DKI Jakarta, Bogor and Surakarta) as well as those will develop small- or large-scale sewerage systems (Makassar, and selected cities in all IUWASH regions) financed by National Government or donor agencies (like ADB, INDII/sAIIIG). IUWASH does not finance physical construction of connections, costs for sewerage expansion, including household connections, are usually covered by combination of donor incentives, central and local government. Therefor IUWASH support focuses on programs similar to communal systems: initial surveys and triggering followed by more intensive promotion campaigns for new connections and after construction is completed IUWASH is responsible for intensive institutional support, which can either by strengthening existing institute or developing new institute (like UPTD, which is further explained under SAN 5). In a few cases, technical designs to leverage construction financing from central and local government.

During this quarter IUWASH conducted activities in all of these areas, summarized as follows:

Promotion and campaigns for new household sewerage connections

After the success application of the 10-Step Promotion toolkit for increasing access to citywide sewer connections in Medan with local operator PDAM Tirtanadi during most of last year, IUWASH

will facilitate replication of the 10-step promotion toolkit for sewerage connections in other IUWASH cities, especially Makassar and Maros by a third party, The Scope of Works for the assignment has been developed and sent to USAID for final approval and the program will start in next quarter. Target groups are UPTD of Makassar and Maros, as the responsible sanitation management units for the sAIIG programs in each city for a total of 1,800 households. In addition to this, for Makassar the sewerage promotion strategies and campaigns will cover first phase of the new sewerage connections for the large sewerage system (in total for 15,000 households).

Small scale sewerage program under IUWASH, APBD and INDII (sAIIG)

During this last quarter, IUWASH National and Regional teams continued supporting different stakeholders with development of small scale sewerage systems (SSSS) which will be provided around 15,000 new connections as follows:

- **Existing SSSS in Kota Bogor and Kota Malang**, where IUWASH is providing technical support for adding more connections to optimize system operation
- **SSSS supported by IUWASH and APBD**, where IUWASH supports the development of DED, conducts promotion, facilitates establishment of SSSS operator (UPTD) and facilitates development of SOP for technical and financial management. Local and/or Central Government cover all construction cost from APBD and/or APBN.
- **SSSS developed under sAIIG**, where IUWASH collaborates in 10 locations with initial survey's, promotion for new household connections, establishment of UPTD, including SOP for technical & financial management as well as identifying the most cost effective billing system; The respective local governments prepare the land and DED and the sAIIG program (financed by AUSAID) reimburses around 50% of the construction cost (Rp 4 million per connection based on actual connections made).

During this quarter IUWASH teams had several meetings at National level with Ministry of Public Works on allocating sufficient APBN budget for IUWASH locations as well as with the sAIIG team, but because Team Leaders of both consultant teams (sAIIG East Region and sAIIG West Region) changed during this quarter, this will continue in the next quarter directly with INDII.

For explanation on overlapping locations, expected number of sewerage connections and status of IUWASH involvement, please see table below

IUWASH support for (small scale) sewerage systems in PY 4

Province	Location	Expected connection	IUWASH Status end of Dec'13
North Sumatra	Medan	3,000	sAIIG : final review of DED for network by APBD, followed by promotion for new connections. IUWASH successfully lobbied for APBN support (Rp 35 billion) for system rehabilitation as well as for new Waste Water regulation for Kota Medan
	Tebing Tinggi	600	sAIIG : promotion for first batch of new connection (400) ongoing; construction ongoing for 1 IPAL; APBD prepared.
	Tanjung Balai	400	sAIIG : SoW for DED by IUWASH done and ready to start; Also IUWASH facilitated PEMDA to put Rp 3,6 billion in APBD 2014
	Binjai	300	IUWASH / APBD : DED completed for 300 households APBD and APBN ready for construction to start in 2014
West Java / Banten	Kota Bogor	60	Existing SSSS : IUWASH will support improvement of network to extend system to 60 new households
	Kab Serang	2,500	sAIIG : construction ongoing for first 4 systems (800 households) IUWASH involved in promotion and successfully lobbying of APBD funding for 2014 (Rp 3.6 billion) for additional connections UPTD established with support from IUWASH
Central Java	Surakarta	1,500	sAIIG : DED for additional connection to existing sewerage ongoing; IUWASH support with second opinion and promotion

Province	Location	Expected connection	IUWASH Status end of Dec'13
East Java	Gresik	3,200	sAIIG: construction on 3 systems (each for 400 households) 80% complete (APBD 2013); DED and promotion ongoing for 5 other systems. UPTD established with support from IUWASH
	Probolinggo	500	sAIIG: DED by PEMDA ongoing; IUWASH support promotion IUWASH is also supporting UPTD establishment UPTD
	Kota Malang	800	Existing SSSS: Review on optimizing existing network and promotion new connection ongoing by IUWASH
South Sulawesi	Makassar	800	sAIIG: DED by PEMDA ongoing; IUWASH support promotion.
	Maros	1,750	sAIIG: DED by PEMDA ongoing; IUWASH support promotion IUWASH is also supporting UPTD establishment UPTD
Malukku	Ambon	200 200	IUWASH/APBD: DED and master plan by IUWASH ready; construction 70% completed and paid by APBD sAIIG: DED by PEMDA ongoing; IUWASH support promotion UPTD established with support from IUWASH

IUWASH participation in KSAN

Finally IUWASH National team conducted the the sewerage session, during the KSAN (National Water Supply and Sanitation conference), which was held from 29 – 31 October in Jakarta, which included presentations by Director of Ministry of Public Works, promotion campaigns by IUWASH / PDAM Medan, Sewerage operator of Yogyakarta (working with ADB) and sewerage operator of Denpasar (UPTD).

Program SAN 4. Improved Urban Sludge Management

Improved Urban Sludge Management (USM) is an integrated desludging management system for urban areas where all operational, financial and institutional components (collection, retributions, processing and utilization of sludge) are combined to provide a sustainable system with adequate support in terms of infrastructure, institutional and financial support, administrative management, and proper regulation. USM is a critical component of the Urban Sanitation Framework, explained in the introduction above, as almost all sanitation systems require (regular) desludging. Without a proper functioning USM system, where septage tanks are emptied on a regular basis, there will be large problems of contamination of rivers and groundwater as well as operational risk for all communal and small scale sewerage systems, where fees need to be collected from households.

The following is a summary of IUWASH activities in USM over the last quarter:

USM training

As a follow up to the Sarasehan workshop on improved Sludge Management, which was held in PY 3, the ministry of Public works organized a training for 24 locations, including IUWASH cities on operation of Sludge Treatment Plants (IPLT). During this training IUWASH staff were involved as resource persons and also the DED for modular IPLT developed by IUWASH was presented. A series of technical trainings for other cities is planned to be conducted in the first and second semester of 2014, all financed by Ministry of Public Works, with IUWASH, MPW and WSP team as resource persons / trainers.

IUWASH Urban Sludge Management pilot- Phase 2

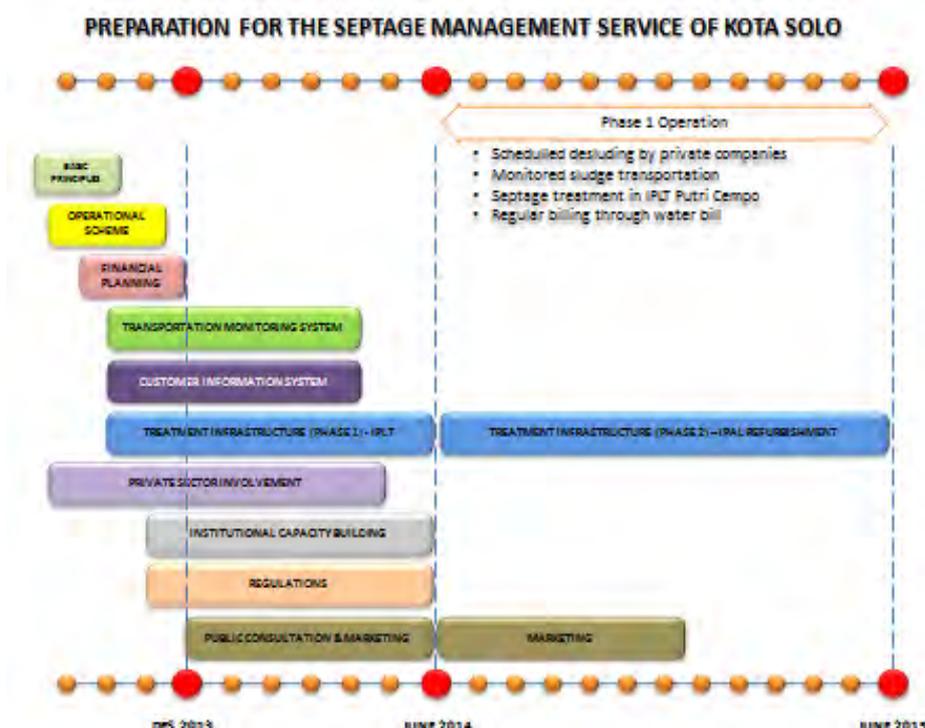
During the last Quarter of PY3, IUWASH started Phase 2 of the improved Urban Sludge Management (USM) program in collaboration with WSP, and Ministry of Public Works in four cities (Makassar, Surakarta, Probolinggo and Bogor). During this quarter detailed discussions were held in all cities to obtain commitment to start the regular desludging in 4 pilot locations, to assess the efficiency of regular desludging, the actual cost, determining the revenue stream and most cost-

effective billing system. In total households surveys were done for ca. 1,200 households identifying their current desludging pattern, their interest in joining the regular desludging program and their willingness to pay. Even though the majority of the interviewed households until now never had to desludge their septic tank, already 40% were immediately interest and willing to pay Rp 10,000 / month for a regular desludging service of every 2 – 3 years, depending on the local conditions.

During the next quarter formal agreements will be made with the respective households, head of the RT and UPTD and the first batch of regular desludging will be started. Initial seed money will be provided by IUWASH, under the condition that the repayment by the households will be used by UPTD to expand the service to new households. Monthly repayment will be through RT, except for Surakarta, where it will go through the PDAM (see new point below). Also there should be commitment by UPTD and/or PEMDA to pre-finance at least the same amount compared to IUWASH. Kota Bogor already agreed to this.

Potential regular desludging Kota Surakarta:

During the introduction of Phase 2 of regular desludging for Kota Surakarta PDAM, as designated USM operator, and PEMDA were very interested in this and requested to IUWASH to support them in introducing it to all PDAM customers by mid 2014. In this quarter the Action plan was finalized as can be seen below and the key actions were started, including survey with private truck operators, development of MIS system for recording new customer data, calculating operating cost for regular desludging, survey of the IPLT, etc. During the survey of the IPLT it was found that the access road was still blocked by solid waste, as is it also the access road for the Solid Waste Disposal of Surakarta, even though Local Government promised to clean it up. Further discussion with Bappeda Surakarta revealed that they plan to build new access road, but as this will not be ready by the time the regular desludging program starts, IUWASH and PDAM will now examine alternatives, as least for 2014. A meeting with the Mayor is scheduled at end of January to discuss this further



Potential regular desludging DKI Jakarta:

During end of PY3, IUWASH was invited by PD PAL DKI to introduce regular desludging for DKI Jakarta and during this quarter several discussions were held between the IUWASH Urban Sanitation Team, PD PAL staff and a consultant team hired by PD PAL on the implications of introducing this concept, which has been included in PERDA No. 3 of 2013 on Waste Management, describing that scheduled desludging will be replacing the current on-call system. Plan has been developed to do larger scale socialization in the next quarter to both Provincial government as well as all 5 local governments followed by socialization to all districts. IUWASH has been requested to be resource person to further explain the concept of regular desludging. Additional technical support by IUWASH to PD PAL will also be detailed out in the coming quarter.

Program SAN 5: Sanitation Institutional Support

Since the start of IUWASH and in addition to providing direct technical support for increasing access to sanitation for urban IUWASH has supported GOI with development of citywide sanitation strategies (SSK) in 10 cities and where needed, strengthen Pokja Sanitation in IUWASH cities to further coordinate sanitation programs within their cities. Also since middle of 2013, IUWASH National and regional teams started to promote the concept of establishing local Sanitation Management Units, which for most cities means creation of UPTD (Unit Pelaksana Teknik Daerah) or in few cities (Medan, Surakarta) strengthen the PDAM as the sanitation operator.

The following is summary of IUWASH support for PPSP program as well as establishing UPTD in the last quarter:

IUWASH Support to PPSP program

Since mid 2012, IUWASH supported 10 cities with development of new citywide sanitation strategies (SSK), including sanitation white books, and EHRA This was all completed by early mid 2013 and it was agreed with Ministry of Public works and Bappenas that for remainder of IUWASH program, they would not be directly responsible anymore for development of SSK as MW has sufficient budget to engage their own facilitators under the PPSP program. However IUWASH did receive requests from 5 cities (3 in North Sumatra and 2 in South Sulawesi) to assist them with the preparation the documentation needed to join the PPSP 2014 program. This was all completed during this quarter, allowing IUWASH to fully focus its sanitation programs in 2014 – 2015 on increasing sanitation services in a sustainable manner, including introducing of Sanitation Framework and establishing of UPTD.

UPTD development

It is critical to have an institution responsible for managing sludge and sewerage systems, as well as providing oversight and co-management of community-based systems (which though relatively simple are often beyond the capacity of community groups to care for on their own). Comparing the various options, the easiest and quickest unit to setup at local level is the UPTD (Unit Pelaksana Teknik Daerah). Starting PY 3, IUWASH introduced the concept of establishing UPTD as the most suitable starting point from which municipalities can begin to develop such institutions.

During this quarter close collaboration with the Ministry of Home Affairs, USDP and INDII continued, with special focus on drafting the final report on the 15 case studies on well-functioning Sanitation Management Units, which will be presented in a workshop in the first quarter of 2014.

During this quarter the first 6 UPTD were formally established in four of the five IUWASH regions as can be seen in table below. For 3 regions (North Sumatra, Central Java and South Sulawesi) Scope of work were developed, approved by USAID and tender process conducted for third party involvement in developing more UPTD in these regions, while in the other 2 IUWASH regions

(West Java and East Java) they will be established through serial events and workshop by the regional IUWASH teams. In total at least 30 UPTD will be established.

List of UPTD established in PY4 in IUWASH locations

City	Type of Regulation	Date
Kabupaten Serang (Banten)	Peraturan Bupati	October 2013
Kabupaten Batang (Central Java)	Peraturan Bupati	October 2013
Kab Sidoarjo (East Java)	Peraturan Bupati	December 2013
Kab Gresik (East Java)	Peraturan Bupati	December 2013
Kota Ambon (East Indonesia)	Peraturan Walikota	October 2013
Kota Jayapura (East Indonesia)	Peraturan Walikota	November 2013

Section 2.4

CROSSCUTTING SECTOR

The IUWASH program activities in PY4 continue to be conducted through sector based approached. While the division between water supply and sanitation is often quite clear, there are still several programs of common concern under the IUWASH project, which are more effectively undertaken when consideration is simultaneously given to both sectors. These are grouped under the "Crosscutting Programs" heading and, in the majority of cases, multiple project specialists of differing technical disciplines may contribute. As set out in the PY4 Work Plan (see accompanying box), there are six crosscutting programs under IUWASH that are mutually reinforcing to a varying extent.

Refer to the results of Midterm Evaluation (MTE) conducted this quarter, one recommendation may affect the implementation of program CC4 – *Increased practices in Point of Use (POU) Water and Handwashing with Soap*. The MTE suggests to drop the indicators for the other two hygiene behaviors (hand washing with soap and household water treatment and safe storage) and focus on correct, consistent, and sustained use of improved sanitation facilities, in collaboration with Ministry of Health and other relevant institutions as the urban sanitation sector evolves. After receiving approval from USAID, IUWASH will further adjust the program strategy which may affect the reporting of this program activity. This quarter, the CC4 is still reporting as previous quarters.

The main achievement this quarter is mainly in signing several policies supporting the improvement of water supply and sanitation sector in North Sumatra, Central Java and East Java on PDAM and UPTD operation. As part of development of LG commitment, IUWASH team conducted several coordination meetings with high level officers at district level to coordinate the program synergy for 2014. This quarter, IUWASH team also completed the revised Citizen Engagement Mechanism (CEM) framework and started the implementation stage of the program. In the gender program, IUWASH Team continues activities for the gender mainstreaming in IUWASH program especially to support the implementation of pilot program of IUWASH Gender mainstreaming. Last but not least, the big achievement was made in the implementation of collaborative program with private sector by launching new Water Replenishment Program in Kota Salatiga and Kab. Semarang (Central Java) and finalize same program in Kab. Mojokerto (East Java). A new partnership with Bank Jawa Barat is started to support implementation of micro credit program for sanitation in Tangerang West Java.

The following sections provide more details regarding the activities and main achievements under each of the six crosscutting sectors.

Program CC-1: Increased Number of PEMDA Policies

Urging local governments to implement policies in support of improved water and sanitation services is essential to strengthen the enabling environment in each partner municipality. Towards this end, IUWASH provides technical assistance to local governments to recognize policy gaps, become familiar with best practices of other local governments, obtain stakeholder feedback on proposed policies, draft policies and supporting regulator guidelines, and launch the implementation of new policies.

During the reporting period notable progress was achieved in the development of supporting water and sanitation policies in the following municipalities:

- Kabupaten Gresik successfully issued a new water tariff regulation in early December 2013 after nearly 10 years with no tariff adjustment;

- In Tanjung Balai the PDAM completed their business plans, obtaining formal approval from Mayor through the issuance of a decree (*Surat Keputusan Bupati*). Importantly, this means that the capital improvement programs stated in the business plans are now able to proceed;
- In Kabupaten Rembang and Kabupaten Maros, the respective PDAMs received support from the Local Government by the issuance of Perda for Local Government Equity transfer for the PDAMs; and
- Finally, Kabupaten Batang in Central Java, Kabupaten Serang in Banten and Kota Ambon in Eastern Indonesia obtained final approval to establish waste water management units (UPTD).

Looking ahead to the second quarter of PY4, IUWASH will conduct focus group discussions in both East Java and South Sulawesi to facilitate stakeholder consultation on proposed new policies. In North Sumatra, a joint review of the draft policy to reorganize PDAM Binjai will also be conducted. This review represents one of the final steps prior to execution and implementation of the new organizational structure.

A table presenting the status and clarifying remarks for respective policies in IUWASH municipalities is presented in Annex 3. This Annex also summarizes the policy development steps (from 1.1 to 4.2) as indicated in the table.

Program CC-2: Increased Local Government Budget (APBD)

Increased annual budget allocation by local governments for water and sanitation services is fundamental to the expansion of access, particularly for low income households. The importance of the local government budget has only grown in stature as the central government's budget for such services becomes more and more limited. As such, IUWASH works closely with local government representatives and service providers to advocate for resource allocation commensurate with the local needs.

During the first quarter of PY4, IUWASH activities aimed at bolstering local government budget allocations including the following:

- Based on the preparation of the pre-feasibility study for the Tebing Tinggi-Serdang Bedagai water services expansion project, the local government will be required to finance a portion of the construction costs. Toward this end, the local government enacted a budget modification (*APBD Perubahan*) for 2013 to allocate about Rp. 1 billion to immediately commence the detailed engineering design for the proposed 200 liter per second treatment plant.
- In Kabupaten Kendal, the local government enacted a local regulation for transfer equity to the PDAM in the amount of Rp. 2 billion for 2013. A similar allocation will also occur in 2014.

Looking ahead to the next quarter, the preparation of feasibility studies will continue for both Tebing Tinggi and Kendal, while IUWASH will also support a regulation for equity transfer in Kabupaten Semarang, Central Java. Also, IUWASH will begin to collect the 2014 APBD data as these documents are released as analyze the trends therein.

Program CC-3: Improved Citizen Engagement

The IUWASH citizen engagement mechanism (CEM) initiative encourages local governments to adopt new or improved means for citizens to communicate water and sanitation needs to their local government. Once in place, such mechanisms can become an important means of supporting the participation of community residents and increasing local government accountability. Generally speaking, IUWASH seeks to work within existing citizen engagement frameworks and bolster the effectiveness of these mechanisms as opposed to starting from a blank slate. It is much better, in other words, to bolster mechanisms that are directly related to an existing law on transparency (*UU*

Keterbukaan Informasi Publik) so that there is sufficient LG ownership and political support. Working within existing mechanisms also helps to ensure that adequate budget allocations are available for implementation.

As IUWASH completed the first quarter of PY4, the IUWASH National Team completed to develop revised CEM framework as discussed during the development of WP4 with all regional teams. Also this framework has been disseminated to the regional teams. The revised CEM framework facilitates compliance to the IUWASH Performance Monitoring Plan (PMP) and will be applied to all CEM program implementation at field level. A discussion among the Governance Specialists of all IUWASH regions was conducted to develop same understanding on the CEM development. This session provided orientation training for new governance specialist that recently joined the Project in two regions (East Java and SSEI Regions). Eventually, the CEM framework will be rolled out across a total of 15 local governments during PY4.

This quarter highlights for the improvement of citizen engagement in the water and sanitation sector include the following:

- In Central Java, IUWASH has engaged NGO (SPEAK Indonesia) to strengthen the CEM in four municipalities, namely city of Semarang, Kudus, Klaten and Sukoharjo. SPEAK is working with the respective local governments to clarify the regulatory framework for transparency in the water sector, compiling standard operating procedures for customer feedback, and providing training to the personnel managers of service providers and local government institutions. In this quarter SPEAK has deepened the working mechanism of the Public Service Complaints Service Center (P-5) which is owned by the Municipality of Semarang. Although it is considered to be very advanced compared to other cities, the presence of P5 (*Pusat Pelayanan Penanganan Pengaduan Publik*) as a public participation unit cannot be fully utilized by the citizen. Internally P5 staff still needs capacity building activities to strengthen the operation of the unit. Mapping of the local government offices who will involve in this implementation is also required, so there are no overlapping duties and functions. The results of the P5 improvement will be used as a reference to enhance mechanism of CEM in other cities.
- In East Java, IUWASH completed an institutional assessment of feedback mechanisms among three local governments (Probolinggo, Mojokerto and Sidoarjo) and conducted two regional-level workshops to better review and define priorities. A procurement for a similar scope of work as that of SPEAK in Central Java is currently in process. The winning bidder has been determined and is currently completing administrative process, but field work has not started.
- In South Sulawesi, apart from Pare-Pare where CEM running well, 3 more cities started this quarter (Kab Enrekang, Kab Takalar and Kab Bantaeng). Relevant parties agreed of CEM mechanisms to be developed in Enrekang, which will be a blend of the SMS gateway with a letter sent to the community in areas that cannot afford cellular signal. CEM working group is currently working on a SOP supporting the program implementation. While CEM in Takalar and Bantaeng, is still in stage of assessment to find the most appropriate mechanism models.
- In West Java, CEM program has started in Kab Bandung and Kab Purwakarta. The Local Government of Kab Bandung has selected CEM mechanism on the development of a website. Meanwhile in Purwakarta, an assessment process has been undertaken to determine the existing mechanisms that can be developed.
- In North Sumatra Region, the work on CEM development at field level is still limited. However, IUWASH team was started to develop a SOW to be implemented under PO scheme. The bidding process of this work has just begun and will finalize next quarter.

Program CC 4: Increased Practice in Point of Use Water and Hand Washing with Soap

The increase practices in Point of Use Water and Hand Washing with Soap is part of the IUWASH implementation on the promotion of improved hygiene behavior. As mentioned in the introduction

of this section there is a recommendation by IUWASH MTE team to remove these two practices from IUWASH outcome indicator, but IUWASH is awaiting confirmation from USAID regarding this, as may affect to the strategy of the program implementation on improved hygiene behavior. This quarter IUWASH continued the activities that are focused at community level and it is integrated in the community-based program activities for water supply and sanitation sectors.

As part of the IUWASH amendment that is needed to have strong BCC strategy to contribute to the strengthening demand creation for increased access to improved sanitation facilities. IUWASH started to improve to BCC strategy for development of individual sanitation system. It is important to increase the intensity of individual sanitation promotional strategies for individual systems in order to have greater leveraging from others to support the increased access. The main strategy is conducted through the development of promotional sanitation business in order to support the low income households for having improved access to improved individual toilet. In this regard, IUWASH team conducted FGDs to several community groups to re-identification the trends of people's behavior change and their motivation in accessing the improved sanitation facility. The FGDs aimed to obtain information related to perception of the community people on main motivation of community people in accessing and investing to the proper sanitation facilities, barriers, and the most credible communication channels to support the promotion of improved sanitation facility.



Additional activities conducted this quarter under this program are as follows:

- Development of hygiene kits to be used for several training activities. Besides that, the kits will be used on regular events at community level such as *Posyandu* (health post) and *PAUD* (early child education/under three years old).
- Developed partnership with Local Government agencies on expansion of the promotional activities of improved hygiene behavior through several events such as training for sanitation and Dinkes staff, PKK and sanitation community cadre on hygiene promotion campaign. This training was conducted in East Java and West Java provinces.
- Competition on clean environment and practice of Hand Washing With Soap during the celebration of the Global Handwashing Day 2013. This activity was conducted in Kota Makassar (South Sulawesi) and Jombang district (East Java). This even was implemented under collaboration between IUWASH and the Health Office of the cities.

Next quarter the program activities will depend on the decision of the USAID how to follow up recommendation of the IUWASH Midterm Evaluation Review (MTER), as it may change the program

implementation based on the new strategy of the Behavior Change program supported increased access to improved sanitation services.

Program CC 5: Gender Mainstreaming

IUWASH gender mainstreaming consists of the development of effective mechanisms to engage women and men in water supply and sanitation planning, implementation, and monitoring of service delivery. The Project strives to ensure that both men and women are involved in providing access and have a voice in how resources associated with these sectors are allocated. Encouraging the voice of women in urban communities is of particular importance given their role as primary care-takers in the home. This means that they experience the lack of water and sanitation services most acutely, whether through standing in long lines at public taps or providing basic medical treatment for children suffering from waterborne diseases. Gender mainstreaming is not a separate, stand-alone activity or task under IUWASH, but rather percolates into nearly every aspect of IUWASH fieldwork, including ensuring gender balance during stakeholder consultations or evaluating the integration of gender into the procurement of technical services and the award of small grants. That said, there are some activities with a stronger gender focus.

This quarter, IUWASH conducted a coordination meeting of the IUWASH Gender Working Group (GWG). There are four main topics discussed during the meeting such as

- 1) progress of the IUWASH gender activities;
- 2) Workplan of PY4 gender program;
- 3) Discussion on special topic on gender in Islamic perspective and
- 4) implementation of IUWASH pilot gender activities.

As part of the discussion on gender PY4 workplan, the GWG discussed about the collaborative program with the Ministry for Women's Empowerment and Protection of Children's Rights on the development of program and budget responsive gender (*Perencanaan Program Responsif Gender-PPRG*) by the LG institutions in IUWASH cities.

A special discussion on gender in Islamic perspective was targeted to strengthen understanding of IUWASH team in gender perspective.

"Is There Any Gender Issues in the Development of Individual Toilet?"



Discussion on better sanitation facility that gender friendly that involve men and women of the STBM cadre, sanitarians, Health Office staff.

IUWASH

"You know, when we construct a toilet, we actually need to consider to several aspect to make our toilet more convenient for all of us at home." This statement mentioned by Pak Cucup, one of participant of training for community cadre on improved hygiene behavior in Kota Bogor. "After join the discussion on gender awareness during triggering activities, I know that if made some mistakes in the construction of the toilet, it cause to some inconvenient. For example, the toilet is placed too high or too low. It will be difficult for children, pregnant women and elderly people to use the toilet. They need to have extra carefulness to avoid that they don't fall down in the bath room." He added.

The statement above is one of example during the discussion of gender session in the training on promotion of improved hygiene behavior for STBM-SANIMAS cadre. The training was conducted for two days in

Sempur neighborhood of Kota Bogor. The training was participated by 27 participants from 3 neighborhoods. There is a special thing happened in the training because the training was not dominated by women participant, but also there are 10 men participants in this training. During the training, all men and women were actively involved in the discussion including the gender discussion.

In the beginning of this discussion, they think that there are no specific things to be considered, it consist of toilet, bathtub (*bak mandi*) and common accessories of bathroom such as water dipper and cloth hanger. That's it. After they realize that the toilet constructed should give benefit and convenient to men and women including children and elderly people, they need to consider to several aspect such as position of the toilet to water container and bathroom door, the height of the toilet to the floor, materials of the construction and even the bathroom accessories. To make decision in this aspect sometimes women don't speak up on their need, they rely on men's decision because they think that the toilet construction is responsibility of men. Even though women feel inconvenient with some arrangement because they needs are not accommodated yet in the toilet construction.

All the participants aware on the important to consider in the needs of men and women after they have several points to be discussed as follows:

- Can women pee by standing? Their answer: "No..."
- If we compare things to be hung, whose have more things to hang in the hanger outside the bathroom, men or women? Their answer: women
- If the bathtub is placed in the left side, is it convenient for the men and women? Their answer: no
- If we open the bathroom door and directly see the toilet, is it convenient for the men and women? Their answer: no
- If the toilet is constructed too high or too low from the floor, is it convenient for the men and women? Their answer: no

The discussion is ended by developing several agreements on things to be considered for the convenient and safety of men and women including children and elderly people during their activities in bathroom. "This information is important for all of us, before we don't care about this. I will consider for my toilet improvement in the future. Thanks to IUWASH team to make us understand about this matter" said Ibu Tiar from Babakan Pasar neighborhood.

Beside the activities conducted at national level, there are several activities conducted at regional level. Below is the detailed gender mainstreaming activities at regional level this quarter.

Activity	City	Integrated Program	Results
West Java/DKI Jakarta/Banten			
Training on promotion of improved hygiene behavior for community cadre (STBM facilitators, Posyandu cadre, Sanimas cadre, representative of village government and Puskesmas)	Kota Bogor	Individual sanitation system	<ul style="list-style-type: none"> • Sharing several gender issues in development of individual toilet • Development of sanitation facility that responsive gender • Plans on promotion of improved hygiene behavior that involve men and women developed • Integration promotion activities into community activities/events
On the job training on the construction of septic tank that meet SNI standard	Kab. Tangerang		Several gender issues related to construction of toilet and septic tank discussed with the masons, cooperative staff and field supervisors during the training

Activity	City	Integrated Program	Results
Central Java			
Workshop on promotion of sanitation business to the institutions working in sanitation sectors (District Health Office, Public Work Office, PNPM)	Kota Semarang, Kudus, Rembang, Sukoharjo	Individual sanitation system	Specific gender topic shared in one of agenda of the workshop especially on gender issues integrated in development of individual sanitation system
Technical training on the construction of improved individual toilet			Several gender issues related to toilet and septic tank construction discussed with masons and PNPM.
East Java			
Gender awareness session integrated in training on improved hygiene behavior	Surabaya, Lamongan and Gresik	Individual and communal system	The sessions consisted of gender concept, Gender inequity, and gender mainstreaming.
South Sulawesi/Eastern Indonesia (SSEI)			
Gender session in triggering and improved hygiene behavior training for community cadre of Silale and Waihaong neighborhoods	Kota Ambon	Individual sanitation system	Increased perspective gender mainstreaming for community cadre. This is important because common perspective at community level is that sanitation work involves only men, even though women have primary responsibility to manage sanitation facility at household level. Often, construction of sanitation facility is not considered to needs of men, women, elderly people and children.

Gender-related activities in the next quarter will focus on the following activities:

- Conduct training for LG staff on development of program and budget responsive gender (*Perencanaan Program Responsif Gender-PPRG*) in Kota Medan, Central Java and East Java Regions;
- Conduct discussion with Gender Focal Point of IDB Program of North Sumatra Province (Kota Medan, Tebing Tinggi, Pematang Siantar, and Binjai);
- Development of gender sensitive communication materials supporting the construction of sanitation facilities. The material is in form of sticker on construction responsive gender, operation and maintenance of the facility. This material is supporting development of communal sanitation system in Kota Bogor and Kab. Tangerang, Lebak, Bandung, and Purwakarta;
- Gender session in training on promotion of improved hygiene behavior for community cadre in Kab. Tangerang (Banten), Kabupaten Sidoarjo, Probolinggo, and Kota Probolinggo (East Java);
- Gender session in training on management of sanitation business in Kab. Sukoharjo;
- Support to USRI gender program in Central Java Region;
- Integrate the concept of gender pilot program for development of master meter system in Kota Surabaya (under Grant Program);
- Development of training curriculum for PDAM customer forum that include gender aspect in Kab. Maros.

Program CC-6: Mobilize Corporate Social Responsibility (CSR) Funding

In order to accelerate the achievement of the IUWASH mandate to increase access to improved water supply and sanitation facilities, the Program seeks to strategically engage the private sector where possible by leveraging their technical expertise, business interests, and social responsibility

funding. Such partnerships both bolster the sustainability of IUWASH interventions as well as increasing the amount of financial resources available. In this regard, the Project's specific role is threefold: (i) facilitating increased participation by the private sector in watsan programming through awareness building; (ii) establishing linkages between private sector entities interested in providing CSR and appropriate local NGOs and LG forums active in the Watsan sector; and (iii) serving as a technical resource for local stakeholder groups interested in implementing CSR programs.

The progress during this quarter mainly was achieved through the collaborative program with the Coca-Cola Foundation of Indonesia (CCFI) on the implementation of Water Replenishment Program. The program has been conducted since 2012. In this program, IUWASH and CCFI work with local NGOs to construct infiltration ponds in the catchment areas of PDAM. For IUWASH, this program is also used to implement the climate change adaptation program. This quarter, IUWASH and CCFI completed the implementation of program in North Sumatra region and kicked off new program in Kab. Semarang and Kota Salatiga (Central Java). While the implementation of the program activities in Kab. Mojokerto (East Java) is ongoing.

Below are the detailed progress made this quarter:

- Commenced construction of a total of 764 infiltration ponds that consist of 473 infiltration ponds constructed in Sibolangit, and 241 infiltration ponds constructed in Kota Pematang Siantar, North Sumatra. In Pematang Siantar plus 50 infiltration ponds constructed by IUWASH;
- Completed construction for a total of 650 infiltration ponds in Mojokerto, East Java. PDAM Kab. Mojokerto already start to monitor the water flow from Djoebel and Ubalan springs. There is left over money from the implementation of program activities in East Java, so the CCFI was agreed to construct additional 250 infiltration ponds in 2 villages of Mojokerto district;
- Kick off meeting with new NGO (SPPQT Salatiga) working in Water Replenishment Program in Kab. Semarang and Kota Salatiga. This kick off meeting was followed by training on financial report of the program activities for the NGO finance staff. The training was facilitated by IUWASH.
- Received confirmation from HSBC Bank that the collaborative program on development of master meter program in Kota Surabaya was cancelled due to no permission from the land owner of the location where master meter system will be developed.
- Facilitated the partnership between Bank Jawa Barat (BJB) to support the implementation of micro credit program for sanitation. This quarter an MOU was signed between BJB and two CBOs to run micro credit sanitation from their Corporate Social and Environmental Responsibility fund of total Rp. 150 million. IUWASH will provide technical assistant to implement this program.

Section 2.5

GRANTS PROGRAM

The total value of the Grants Under Contract (GUC) activity of IUWASH is \$2.0 million over five years. The IUWASH Grants Program is implemented in accordance with all applicable USAID rules and regulations as stipulated in ADS 303 and 22 CFR 226, and the guidelines described in the USAID-approved IUWASH Grants Program Manual and Grants Implementation Plan. The Grants Manual includes: an overview of the Grants Program; with a review of the types of grants that can be issued; grantee eligibility requirements; the grant award process; grant evaluation and selection procedures; details on grant program administration; and information on processes related to grant termination, suspension and modification. Compliance with all related regulations and procedures is ensured by a national-level Grant Manager together with Procurement and Grant Assistants posted in all regional offices.

While the grant program is important in and of itself, IUWASH is careful to ensure that grant activities contribute directly to the project's targeted outcomes. Other sought-after attributes of grants include the degree to which they are innovative and unique, and their ability to be replicated or scaled up by communities, the local government or interested private sector partners.

During the course of the reporting period, the Grants Program was focused on the development of Scopes of Work (SOWs) for multiple grant programs in all regions. These included SOWs in support of communal sanitation activities (aligned with Ministry of Public Works led programs), UPTD establishment, Citizen Engagement Mechanism (CEM) development, Master Meter programs, and micro-credit for sanitation. An additional grant program has also been planned for Master Meter programming in Surabaya—the addition of which was prompted by the cancellation of a anticipated support from HSBC. Together, the Grant Program budget is expected to be fully committed (or very close to it) within the first half of PY4. Table 13 summarizes grants currently in the IUWASH pipeline.

Table 1: IUWASH Grants Program Implementation

No.	Description	Grantee	Grants Signed to 09/2013	Planned Grants in PY04	Total Grant Amount	Remarks
NORTH SUMATRA						
1	Optimization of communal latrines & WWTPs	YAKMI	\$ 57,217.50		\$ 57,217.50	Completed
2	Community sludge management/ Belawan	SMI	\$ 83,255.43		\$ 83,255.43	Ongoing
3	Water supply "Master Meter" program in Sibolga	tbd		\$ 83,263	\$ 83,263	Pre-app. comp.
4	Micro-credit san. /Tj. Balai, Asahan, Labuhan Batu	tbd		\$ 99,263	\$ 99,263	SOW prep.
	Sub-Total		\$140,472.93	\$ 182,526	\$322,998.93	
WEST JAVA/DKI/BANTEN/TANGERANG						
1	Septage management/Jakarta	Mercy Corps	\$ 99,975.00		\$ 99,975	Completed
2	Community-based sewerage system/Jakarta	Forkami	\$ 68,687.48		\$68,687.48	Ongoing
3	Master Meter support/Rajeg - Tangerang	Forkami	\$ 61,620.00		\$ 61,620	Ongoing
4	Community-based san./Teluk Naga - Tangerang	BSK	\$30,061.11		\$30,061.11	Ongoing
5	Communal sanitation/Kronjo-Tangerang	BEST	\$48,859.82		\$48,859.82	Ongoing
6	Fiberglass molds for septic tanks (in-kind)	AKR	\$ 8,179.00		\$8,179	Completed

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No.	Description	Grantee	Grants Signed to 09/2013	Planned Grants in PY04	Total Grant Amount	Remarks
7	Fiberglass molds for septic tanks (in-kind)	CBO/Kedaung	\$1,636.00		\$1,636	Completed
8	CBS and School-based Sanitation/Margasana-Serang	tbd		\$ 89,993	\$99,993	NegMm prep.
9	Development of KampungSanitasi/Kota Bekasi	TBD		\$ 73,684	\$ 73,684	SOW prep.
10	SAN-1:Sanitation promotion and Marketing/Serang	TBD		\$80,000	\$100,000	SOW prep.
11	SAN-4: Sludge Man., SME, Micro Credit / Bogor	TBD		\$52,632	\$52,632	SOW prep.
Sub-Total			\$319,018.41	\$296,309	\$ 645,327.41	

CENTRAL JAVA

1	Communal septic tanks and MCK/Kendal	LPTP-Jogja	\$ 64,269.89		\$ 64,269.89	Completed
2	Support to Kampung Sanitasi/Surakarta	LPTP-Solo	\$98,127.01		\$98,127.01	On-going
3	Communal Sanitation (100 HH) Jomblang/Semarang	Gita Pertiwi		\$ 80,555	\$ 80,555	On-going
4	Customer Forum Development of PDAM	tbd		\$ 84,648	\$ 84,648	Pre-app. comp.
5	SAN-2: USRI program	tbd		\$ 93,983	\$ 93,983	Pre-app. comp.
6	SAN-5: UPTD Dev't for Sludge Management	tbd		\$ 94,747	\$ 94,747	Pre-app. comp.
Sub-Total			\$ 162,396.90	\$ 353,933	\$ 516,329.90	

EAST JAVA

1	STBM support/Probolinggo, Sidoarjo, Surabaya	ITS	\$ 92,726.06		\$ 92,726.06	Completed
2	Master Meter support triggering/Kab. Sidoarjo	Spektra	\$ 56,810.27		\$ 56,810.27	Completed
3	SAN-2: KSM Capacity Building / 7 locations	tbd		\$ 80,000	\$100,000	SOW in prep.
4	SAN-1: Micro-Credit for Latrines/6 locations	tbd		\$ 80,000	\$ 100,000	SOW in prep.
5	Master Mater, Greges, Surabaya	tbd		\$ 40,000	\$ 40,000	SOW in prep.
Sub-Total			\$ 149,536.33	\$ 200,000	\$ 389,536.33	

SOUTH SULAWESI/EAST INDONESIA

1	Sanitation improvement project/Ambon	Murkele	\$ 88,072.34		\$ 88,072.34	Ongoing
2	Urban sanitation advancement/Jayapura	Geoteknik	\$ 52,358.89		\$ 52,358.89	Ongoing
3	SAN-2: Capacity Building of KSM	tbd		\$ 78,500	\$ 88,500	Pre-app. comp.
Sub-Total			\$ 140,431.23	\$ 78,500	\$ 228,931.23	

TOTAL

\$911,855.80 \$1,111,268 \$2,023,123.80

Note: The budget of grants that are planned for PY4 are estimates only and will be adjusted following award. Generally favorable adjustments to the overall grant program can also be expected due to changes in the USD/Rupiah exchange rate and will be assessed further during the course of PY4.

Throughout the above, IUWASH is careful to ensure that there is an appropriate geographic distribution of grant funds, as well as adequate balance among the types of activities being supported. That having been said, it is noteworthy that approximately 80% of committed grant funds have thus far been directed to sanitation-related activities. This is due to both high demand from local government partners for assistance in sanitation programming, as well as the nature of many sanitation programs which are often community-based and, hence, more appropriate for involvement by local NGOs as grantees.

In providing grant funding, IUWASH also provides capacity building to selected grantees. IUWASH understands that the implementation of grants programs can be quite complex and adherence to related rules and regulations can prove difficult unless properly supported and monitored. To ensure that selected grantees receive the support required, IUWASH provides the grantee's Financial Officer and associated staff with appropriate training through the IUWASH regional office staff, in particular the Regional Financial Officer and Grants/Procurement Assistant. Assigned technical specialists will likewise provide day-to-day monitoring to ensure that any issues arising are identified and addressed promptly. Capacity building for grantees also includes training in monitoring and evaluation to report on the contributed outcomes. In addition, since gender is an important issue in the water and sanitation sector, IUWASH also provides gender training so that each grantee will have the same strategy and perspective on gender mainstreaming in its program activities. Lastly, since environmental compliance is also important to ensure that the project does not have an adverse impact on the environment, this subject is also included in the training programs for grantees.

As concerns planned Grant Program activities for the forthcoming Quarter, these will continue to focus on the processing of new SOWs, RFAs and Grant Agreements, as well as on-going programmatic and financial monitoring.

Section 3

NATIONAL ACTIVITIES & KEY UPCOMING EVENTS

INTRODUCTION

While the ultimate success of IUWASH depends on the effectiveness of IUWASH's technical work, the ability of the project to operate effectively is equally dependent on the support structures and systems that the team puts into place. In this section we present a more detailed account of activities and achievements at the national level within some of the primary supporting areas, including: general project management, project communications and reporting, monitoring and evaluation, and environmental compliance.

3.1 GENERAL PROJECT MANAGEMENT

General project management activities during the Quarter were varied and generally focused on putting into place resources and systems upon which IUWASH will rely through the end-of-project (EOP). This involved responding to requirements under the contract modification, annual workplan development, the implementation of the project's Mid-Term Evaluation (MTE), etc. The following are some of the project management activities undertaken during the quarter:

Management Activities:

- Recruitment of staff in response to the contract modification, including several national specialists in the areas of Urban Sanitation (5), BCC, Sanitation Marketing, Governance and Municipal Finance, as well as an expatriate Sanitation Advisor. While not all positions had been filled by the end of the Quarter, significant progress has been registered and all should be completed early next quarter;
- Revision of organizational and matrix management charts as part of the project's annual workplanning process (refer to PY4 Workplan);
- An internal workshop on management and administrative procedures which was attended by all IUWASH Office Managers and Administrative Assistants.
- Conducting of regular (approximately bi-weekly) meeting with the USAID COR to provide updates on project progress, issues and challenges.
- Ongoing support from national team members for regional activities: These visits covered a variety of areas, ranging from workplan development and synchronization to 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.
- Support to the IUWASH Mid-Term Evaluation which involved the engagement of independent consultants, support of team meetings and field visits to all project regions.

Inter-Agency Coordination:

- National-level Review of Water Sector Support Requirements for 2014: This was organized by the Ministry of Public Works under the auspices of Badan Pendukung Pengembangan Sistem Penyediaan Air Minum (BPPSPAM or Water Supply Development Support Agency);
- Coordination Meeting with BCC Sanitation Partners to review important issues, discussion on programming strategies and approaches, and explore how partners can better work together and share information. Partners included: High-Five Kelurahan, Plan International, World Vision, MOH, etc.

Support of Special Events:

- Konferensi Sanitasi dan Air Minum Nasional (KSAN) 2013: KSAN is a biennial event organized by the Working Group on Water and Sanitation (Pokja AMPL) that brings together stakeholders from the private sector, civil society, the media and the GOI to discuss key sector issues, advance technical knowledge and exchange, and advocate for increased attention to sector development. IUWASH supported several key sessions and events, including an appropriate technology competition which was done jointly with the USAID-supported High-Five Kelurahan program;
- Visit by the USAID Global Water Coordinator: Christopher Holmes and USAID Water Office manager, Trey Flowers. The visit involved travel to several locations in East Java, including (Kota Batu to review PDAM support), Kabupaten Malang (to visit communal sanitations programs), Kabupaten Mojokerto (to tour infiltration pond sites and review important sector issues with Pemda stakeholders), and Kabupaten Sidouarjo (to inaugurate a Master Meter project and review sector uissues with Pemda representatives). IUWASH also supported a meeting between these USAID/Washington personnel and CCFI in Jakarta.
- Workshop on Urban Septage Management (USM) in the context of UPTD establishment: Conducted jointly with World Bank WSP, this workshop allowed for a review of capacity development requirements among newly established UPTDs as concerns USM;
- Global Handwashing with Soap (HWWS) Day: Undertaken in multiple locations, this included both school based events and those geared towards the general public—and all of which provided for substantive media involvement and coverage.

Table 2: IUWASH locations by region

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 district • Pematang Siantar • Tanjung Balai city • Tebing Tinggi city • Sibolga city • Asahan district • Labuhanbatu dist. 	<ul style="list-style-type: none"> • Bekasi city • Bekasi district • Bogor city • Karawang dist. • Lebak district • Serang district • Tangerang dist. • DKI Jakarta • Bandung district • Purwakarta dist. • Tang. Sel. city 	<ul style="list-style-type: none"> • Semarang city • Semarang dist. • Kendal district • Kudus district • Surakarta city • Salatiga city • Rembang dist. • Sukoharjo dist. • Klaten district • Batang district 	<ul style="list-style-type: none"> • Gresik district • Lamongan dist. • Mojokerto dist. • Probolinggo dist. • Sidoarjo district • Surabaya city • Mojokerto city • Probolinggo city • Jombang dist. • Malang city • Malang district • Batu city 	<ul style="list-style-type: none"> • Ambon city • Jayapura city • Jayapura district • Jeneponto • Makassar city • Maros district • Takalar district • Parepare • Enrekang • Pinrang district • Sidrap district • Bantaeng district
Total = 9	Total = 11	Total = 10	Total = 12	Total = 12

While many challenges and issues were encountered in accomplishing these activities, none are deemed especially noteworthy or outside of the normal course of business. As concerns general program management activities that are planned for next Quarter, these include:

- Support to a Performance Audit to be conducted by the USAID Regional Inspector General's Office;
- A national workshop on Energy Efficiency which will be conducted jointly with the Ministry of Public Works and the USAID Indonesia Clean Energy Development (ICED) project;
- Planning and coordination meetings with:

- The GOI Technical Team (or “Tim Teknis”), which serves as the project’s steering committee. The Tim Teknis is led by Bappenas and strongly supported by the Ministries of Public Welfare, Public Works, Health, Home Affairs and others;
- IUWASH Regional Coordinators, providing a key forum for reviewing progress and adjusting strategies and programs accordingly; and
- USAID WatSan Partners which is composed of other USAID implementing partners such as AusAID/IndII, CCPI/High-5 Kelurahan, Pacific Institute/Water SMS project, etc.

3.2 PROJECT COMMUNICATION AND REPORTING

During this Quarter, the Program Communications Team supported the National Conference on Sanitation and Drinking Water 2013 (KSAN), a bi-annual festival and workshop event sponsored by the National Planning Agency (BAPPENAS) from October 29-31, 2013. In addition to the event’s steering committee, IUWASH closely collaborated with Water and Sanitation Program of the World Bank in formulating a session called “Commitment to Improve Urban Sludge Management” in which IUWASH took part as a speaker, and further emphasized the importance of Regional Technical Units for Wastewater or UPTD in a session called “Mainstreaming City Sanitation Strategy to Finance Sanitation Development in Indonesia”. In addition, “Towards 40% of Off-site Sewerage System Service Coverage by 2025” was a session where IUWASH managed and presented speakers to talk about exemplary cases in off-site sewerage services in Indonesia. IUWASH also participated in the festival part of the event by presenting a mock-up of infiltration ponds, which received much attention and interest from conference visitors.

During the Quarter, IUWASH also completed work in redeveloping its website with improved user interface and organization (see <http://www.iuwash.or.id>). The project also participated in a USAID communications workshop; the lessons learned and knowledge gained from which are being shared project-wide starting the end of this Quarter. Finally, as concerns reporting, IUWASH continued producing and distributing deliverable reports such as Annual Progress Report No. 3 (covering October 2012-September 2013), Quarterly Progress Report No. 10 (covering from July-September 2013), and regular IUWASH Bi-weekly and other reports. With the support from the DAI home office, IUWASH ensured that all required reports were uploaded to the USAID DECS.

3.3 MONITORING AND EVALUATION

IUWASH Monitoring and Evaluation (M&E) program plays an important role in the overall of project management. The M&E program regularly presents the progress of program achievement through monitoring of data collection of IUWASH outcomes. This program will monitor the progress of target and achievement made every quarter. The M&E program clearly defining what needs to be measured to adequately gauge project progress, and then ensuring that appropriate data is collected, compiled and reported on. In this point, the data verification is a key to validity of the quantitative achievement of IUWASH.

The main M&E tool is the IUWASH Performance Monitoring Plan (PMP). The PMP is not only important in and of itself; it also provides the basis for workplan development, reporting and many other key functions. The IUWASH M&E system is further bolstered by the project’s web-enabled Technical and Administrative Monitoring Information System (TAMIS) and a host of data collection tools. All the data posted in TAMIS is reviewed regularly and verified before reported in IUWASH regular reports.

In the first quarter of PY4, IUWASH M&E activities were extensive and initially involved the definition of targets of the PY4 workplan. The determination of the targets under each outcome was

developed based on experience gained during PY3 as well as an assessment of opportunities for further expansion. The project also began work to amend current outcomes as needed and integrate new outcomes which resulted from the modification of the IUWASH contract.

Perhaps the most significant M&E team during the Quarter involved support to the IUWASH Midterm Evaluation (MTE). Contributions involved the provision of contracting and logistical support, the preparation of wide range of background documents, and accompaniment of the MTE Team on field visits and stakeholder meetings where indicated. The field visit was a main approach to gather data and information on the IUWASH program implementation and achievement.

Other M&E-related activities conducted this Quarter included:

1. Facilitating training on M&E systems for IUWASH Grantees (in particular, Yayasan Gita Pertiwi in Central Java);
2. Developing tools and supporting information for a census on water connections in Kudus district. The census was implemented to verify the data on new connection made under the micro credit program.
3. Preparing revisions to the project's PMP document in response to contract modification #8 dated 30 September 2012.
4. Developing a new section in the IUWASH TAMIS to better conform with the project's PY4 Workplan. The improvement of IUWASH TAMIS was supported by Home Office TAMIS Specialist, Ms. Tanja Lumba;
5. Collecting data to support reporting of QPR 11 outcomes mainly through TAMIS. However in this quarter IUWASH reports limited outcomes because most of IUWASH outcomes are reported semi-annually. The complete PMP qualitative achievement will be reported next quarter.

In the next quarter, IUWASH M&E activities will focus on the following:

1. Conducting data collection to PDAM on reporting the interim PDAM performance index of PY4;
2. Developing of revised IUWASH PMP after the modification #8 dated 30 September 2013;
3. Conducting several activities related to census on water connection in Kab. Kudus, including selection of respondents, training for enumerators, conducting the census, and analysis of the data for reporting of this census;
4. Support the implementation of next coming Regional Inspector General (RIG) audit on the IUWASH performance;
5. Continuing support for the development of GIS-based maps that better present project activities and achievements;
6. Conducting the additional survey to review the IUWASH targeted poor beneficiaries in water supply and sanitation sectors.

3.4 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. To ensure such is the case, USAID undertook an Initial Environmental Examination (IEE) prior to award of the IUWASH contract and subsequently revised it. This revised IEE (referenced as ASIA 12-13 IEE & ETD) provided a comprehensive review of activities to be undertaken by the project and of the threshold determinations of environmental impact and conditions for mitigation, if appropriate. The IEE determined that a Categorical Exclusion applies for IUWASH project activities involving technical assistance, training, analyses, studies, workshops and meetings that do not entail laboratory work, field studies or involve actions that directly affect the natural or physical environment. It further applied a Negative Determination with Conditions for IUWASH activities involving field studies and

other actions that directly affect the physical or natural environment, including small-scale water and sanitation improvements and/or construction activities. To guide compliance with the IEE, IUWASH developed an Environmental Mitigation and Monitoring Plan (EMMP), an updated version of which was provided in the workplan for PY4.

During the past Quarter, the IUWASH Environmental Officer conducted environmental compliance refresher training for all concerned staff in each region, as well as oversaw a comprehensive review as concerns all required documentation related to environmental compliance. Such documentation is housed within the project's TAMIS and was brought up-to-date across all project locations.

In light of the work performed in the past Quarter, environmental compliance activities planned for the coming period will involve on-going supervision of the environmental compliance processes with support provided as required by the national-level Environmental Officer and associated technical specialists.

Section 4

REGIONAL HIGHLIGHTS & CLUSTER REPORTS

This quarter is the first quarter of PY 2014. This period was an important period across all IUWASH locations with 2 reasons: 1) this quarter is the final quarter of FY 2013 of the LG program implementation. Usually during this period, all the LG institutions wanted to finalize their activities; and 2) this quarter, IUWASH Team has finalized their workplan and start to socialize and consult the workplan to the LG institution partners in order to synergize the implementation of the program for next one year period. The consultation process between IUWASH Regional Team and the LG was conducted in two different forms: 1) conducted discussion directly with the key LG institution partners such as PDAM, Public Work Office, Health Office, and Planning Office; 2) Conduct direct discussion with the Mayor attended by the key LG institutions as stated previously. The consultation process is an important process of the implementation of the IUWASH program activities because this process will support the reaching the target of IUWASH outcome achievements. The synergy can be indicated in several forms such as finding other funding leveraging from the Local Government, LG demands that need support from IUWASH and promotion of new and innovative programs to Local Government to improve the condition of water supply and sanitation sectors. In the consultation meeting with Mayor and Local Government institution, IUWASH also shared the to-date progress of IUWASH programs.

As part of internal operation of IUWASH program implementation, the first quarter of PY4 was used to generate more Scope of Work (SOW) of program activities will be implemented by IUWASH contractors under Purchase Order (PO) scheme and conducted by NGO and other CSO partners under Grant Programs. After reviewing the SOW by IUWASH technical advisors, the SOW then submitted to USAID for approval. After receiving approval from USAID, IUWASH team followed up this action by conducting a set of selection process of third party to implement the program activities. There were several pre-bid meeting of PO and Grant program implemented this quarter at regional and national level. By having this process, the program activities can be started to implement in next quarter so it will speed up the implementation of IUWASH program activities. Detailed implementation of Grant Program

This quarter, all IUWASH Regional Team supported the field visit of the Midterm Evaluation (MTE) team to collect data and information for their evaluation activities. In this activity, the IUWASH Regional Team mostly played role on the arrangement of meetings with the key stakeholders and arranged FGDs and interview to IUWASH beneficiaries. Several meeting of the MTE team at regional level was also conducted with Mayor and other high level officers such as head of technical offices and members of district parliament. During this period, MTE Team has visited 19 cities of 5 IUWASH regional (35% of total supported cities by IUWASH).

The support of IUWASH Regional Team in water supply sector this quarter mainly provides support to improve the technical, financial and management performance of PDAM. The technical assistant provided to PDAM covers several programs such as GIS/MIS support, Distribution Network Improvement, tariff adjustment, SOP development, and customer forum development. The activities of water supply sector at community level were conducted through the implementation of master meter and micro credit program for new connection. The big achievement of master meter program this quarter was marked by an inauguration event of Master Meter Program in Kab. Sidoarjo. The inauguration was conducted by Chris Holmes, USAID Global Water Coordinator based in Washington DC. Other master meter activities are new households connected to new master meter in Tangerang district and continued to initiate the development of master meter system in Kota Sibolga and Kota Surabaya under Grant Program.

In the sanitation sector, the support to LG institutions on UPTD development was the mainly activities by IUWASH Regional Team. The UPTD development will be an important milestone for IUWASH because this institution will contribute on the improved management of sanitation facilities in the cities. The progress of UPTD development this quarter was different from one to another depend on the stage of the program development. Some cities already have regulation on the establishment of the system including the SOP for the operation of the institution and some cities are still in initial stage on selection of the form of UPTD. As part of IUWASH sanitation framework, UPTD development is one of important approach to support the development of individual and communal sanitation and small/city sewerage systems. For the development of regular desludging system, IUWASH regional team is developing a pilot program in selected cities. This quarter there are some progresses on piloting of the development of this system, especially in Kota Surakarta. The Mayor of Surakarta is willing to launch the implementation of the system. Next quarter is planned to start for applying the regular desludging system. In the development of communal sanitation system, support the USRI and SLBM program to evaluate the existing connection of the system constructed in 2012 and also completed the construction of facilities of FY 2013. For the FY 2013, IUWASH continued to conduct triggering activities for households to connect to the system. Under collaboration with National IUWASH Team, the Regional IUWASH Team started to coordinate with sAAIG Program to develop partnership for development of small sewerage system in 8 cities across the region. The progress on the development of individual sanitation system was made through the implementation of the triggering program activities plus the promotion of sanitation marketing through micro credit and partial subsidy supported by PNPM Mandiri Program.

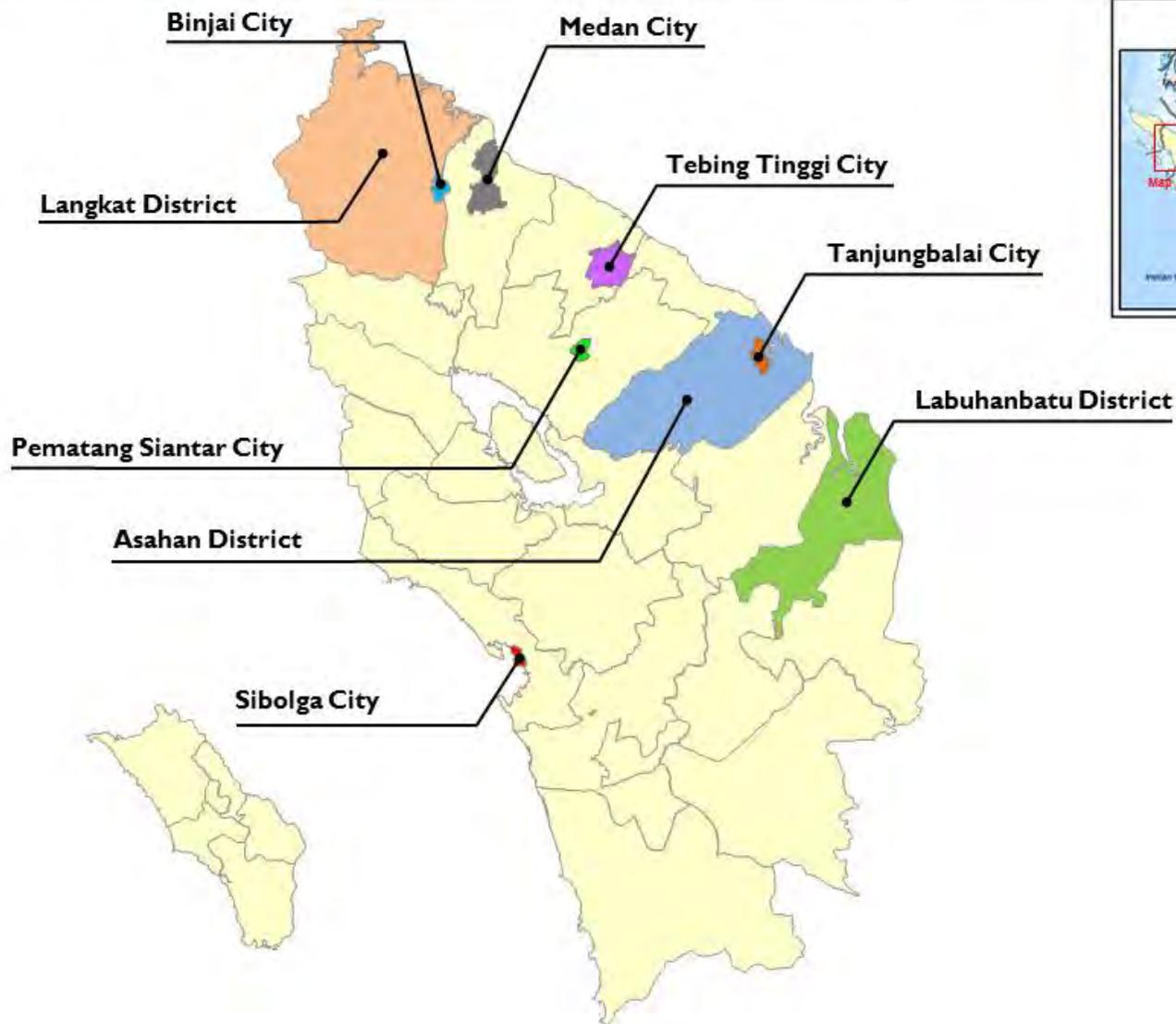
The activities of cross cutting sector this quarter consisted of policy development supported the improvement of water supply and sanitation sectors, promotion of the improved hygiene behavior, gender mainstreaming and CSR mobilization. The progress made on the policy development was in signing of the regulations supported UPTD development and agreement on PDAM Business Plan. These regulations are important to assure the sustainability of the program in the future. As agreed that sustainability is one of important aspect of IUWASH program implementation. The improved promotion of hygiene behavior program and gender mainstreaming are two crosscutting topics supported the implementation of individual and communal sanitation system this quarter. The IUWASH Regional Team integrated the topics of handwashing with soap and POU in the training related to triggering activities for sanitarians and community cadre. The activities in CSR program was a continuation of collaborative program with the CCFI on Water Replenishment Program. This quarter a total of 714 infiltration ponds was completed to be constructed in North Sumatra that consist of 473 infiltration ponds in Sibolangit and 241 infiltration ponds in Pematang Siantar. In Kab. Mojokerto, a total of 650 infiltration ponds have been constructed in the catchment areas of PDAM Kab. Mojokerto. Since there is left over money from the implementation of the program in Kab, Mojokerto, a plan to construct additional 250 infiltration ponds was agreed by the CCFI. The construction of these ponds will be conducted next quarter. The implementation of the same program in Central Java Region was started to be implemented in Kab. Semarang and Kota Salatiga. The program was implemented by SPPQT (NGO based Kota Salatiga) for one year period.



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Map of City/ District for North Sumatra Region

iuwash
Indonesia Urban Water, Sanitation, and Hygiene



Section 4.1

NORTH SUMATRA

Summary

North Sumatra Province stretches across the island of Sumatra and lies 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 (2010), it is the most populous province outside Java. IUWASH began working in North Sumatra in May 2011, meeting with provincial and local government leaders, conducting assessments of water supply and sanitation conditions, and most importantly, gauging the commitment to address sector deficiencies. These assessments led to the selection of six municipalities as IUWASH target areas: the cities of Medan, Binjai, Tebing Tinggi, Pematang Siantar and Tanjung Balai, and the district of Langkat. In PY2, IUWASH conducted site selection and added three additional regions: Kabupaten Asahan, Labuhan Batu, and Kota Sibolga.



This quarter, the following summarizes several highlights in this quarter:

- Completed the development of 291 units of infiltration ponds in Nagahuta area of Pematang Siantar (241 units using CCFI funding and 50 units using IUWASH funding). IUWASH also conducted socialization workshop to the communities and stakeholders on benefits and maintenance of infiltration ponds as well as mapping all their locations using Google Earth, to make it easier to find them. With the completion of 291 units of infiltration ponds in the catchment area of Nagahuta spring water, it is expected that the capacity of PDAM raw water source there during the dry season will not decrease further.



- IUWASH completed DED for IPAL Kawasan (small scale sewerage system) in Kota Binjai for 600 households. Physical construction will be carried out in 2014 through APBN funding already approved by the Ministry of Public Works (Rp 5.4 Billion Rupiah). IUWASH will continue supporting PEMDA Kota Binjai with promotion campaign for households to connect to the sewerage system as well as establish of UPTD for sewerage management, including Mayor Regulations on the domestic sewerage management.
- IUWASH assisted and facilitated PDAM Tirta Kualo and PEMDA Tanjung Balai to conduct tender process on the development of 100 l/s Water Treatment Plant III including the development of pipe transmission network. PEMDA has prepared 11 Billion Rupiah budget for this project. According to schedule, the project will be started on next January 2014.

Success Stories

Success Story in Water Supply Sector

Direct Promotion Wins Customers of Micro Credit for Water

New household connection through microfinance from Tirtabina Water Utility of Labuhanbatu District has proven effective to win new customers. A large number of the new customers are have low income and could not afford upfront fee in cash to pay for the household connection.

“The direct promotion using a car is amazing. We did the promotion on Sunday and on Monday 30 new customers signed up. I was overwhelmed. It turned out that it's more effective if we go directly to communities.” Said Yusmaeni, the Head of Finance of Tirtabina Water Utility.



Bobby/IUWASH North Sumatra

Mobile microcredit promotion, a marketing strategy to increase water connections.



Bobby/IUWASH North Sumatra

Tursinah, a new customer of Tirtabina Water Utility in Labuhanbatu District.

The water utility and IUWASH conducted a direct promotion for new household connection through microfinance scheme. Using a specially-designed car, the promotion team visited targeted communities on Saturday and Monday. On the site they explained requirements to sign up for the household connection and encouraged interested household to register on-site. The promotion team provided small and simple gift for new customers.

Tursinah, a new water utility customer through microfinance scheme, said, “Now we have piped water from water utility at home. We do not feel the pain to get clean water anymore, especially during dry season. The price is affordable; we can pay in installment of Rp 90,000 for 10 months and an upfront fee of Rp 300,000. We only need to submit our identity card, fill in a form and pay the upfront fee. The water utility staff came to us, which saved us from the hassle of going to their office.”

IUWASH works with the local government of Labuhanbatu District and Tirtabina Water Utility to conduct various activities to improve water and sanitation access for the public as well as quality of water utility's service. IUWASH also encouraged the local government and water utility to

provide and monitor their quality of service.

In the near future, Labuhanbatu District plans to operate Sibuya Water Treatment Plant III with the capacity of 40 liters per second.

Success Story in Sanitation Sector

Binjai City Commits Building Small Scale Sewerage System



IUWASH NORTH SUMATRA

Muhammad Idaham, the Mayor of Binjai supports and feels happy with the progress of sanitation development in Binjai.

In 2014, IUWASH will support the commitment of Binjai City Administration to build a small scale sewerage system that technical waste water implementation unit or UPTD will build. IUWASH stays in close communications with Ministry of Public Works to ensure state budget allocation to build the small scale sewerage system.

November 2013 is an important moment for Binjai City in North Sumatra. The city administration as committed to allocate around Rp 1 billion from the 2014 city budget to build 250 waste water house connection that will be connected with regional sewerage treatment plant. IUWASH will help the city administration to develop a plan for building small scale sewerage system in three villages with bad sanitation conditions based on EHRA study.

In addition to that, IUWASH will also assist the city administration to obtain about Rp 3 billion from the budget of Ministry of Public Works in 2014 state budget to build the regional sewerage treatment plant and waste water piping network.

"I'm very supportive of and highly committed to improve the sanitation system of Binjai City." Said Muhammad Idaham, the Mayor of Binjai to IUWASH and Sanitation Working Group of Binjai City during a recent discussion on sanitation development in his official residence.

The Sanitation Working Group of Binjai City and IUWASH has finalized various steps required to build the regional sewerage treatment plant, starting from regional mapping, topography drawing, developing Detailed Engineering Design and main pipe network drawing. At present, the city government is ready to build the facility.

Real Demands Survey in the location of the treatment plant showed that about 60% of the local community declared their willingness to connect to the sewerage system.

Regional highlights by sector

Regional Highlights of Water Supply Sector

Besides the completion of the construction of infiltration ponds in Pematang Siantar other main activities include assisting PDAM Tebingtinggi to prepare review of pre-FS on SPAM development and facilitate the discussions with Ministry of Public Works for their support. IUWASH also assists PDAM Labuhanbatu with promotion campaign on water connection through micro credit. For the grant program on development of master meter system, IUWASH completed the pre- application meeting to select the implementing NGO. Implementation will start in January 2014. Below is the summary of highlights this quarter divided by Anchor Site and other program highlights.

Program highlights in the Anchor Site of water supply sector this quarter:

- *Anchor Site #1: Micro credit program in Kabupaten Langkat and Labuhanbatu:* IUWASH facilitated PDAM to promote Micro Credit scheme in Labuhanbatu and Langkat, through onsite promotion by using special car (see the success story above). Up to December 2013 the numbers of water connection through micro credit has reached 517 households that consists of 324 HH in Labuhanbatu and 183 HH in Langkat.
- *Anchor Site #2: Water for the Poor Program in Sibolga:* after SOW was approved by USAID IUWASH conducted bidding process under the grants program for constructing master meter system in Simare-Mare area in Kota Sibolga. The Pre- application meeting was attended by 10 organizations and the best proposal was selected. Contract will be signed in middle of January.
- *Anchor Site #3: Regionalization of raw water between Kota Tebingtinggi and Serdang Bedagei:* IUWASH reviewed the pre-feasibility study for increasing 200 l/s production and expansion of the piping system which requires funding of Rp. 143 Billion. The expansion covers Tebingtinggi and some areas in Serdang Bedagei which is adjacent to Tebingtinggi. Based on the financial analysis by IUWASH, it is estimated that PDAM can obtain loan for 20% of the total investment under Perpres 29 and that the remaining investment can be obtained through grant from the central government (APBN) and Local Government (APBD). To support the expansion plans, Public Work Office of Kota Tebingtinggi started DED of piping system by local consultants.

Other program highlights in the water supply sector this Quarter:

- IUWASH continues to coordinate with PDAM Tirtanadi Medan to identify service area by Martubung Water Treatment Plant (200l/s). IUWASH agreed to conduct mapping and real demand survey for the MBR area, which will be implemented in January 2014.
- Completed facilitating PDAM Tirta Kualo Kota Tanjungbalai to prepare PDAM Business Plan. The document of PDAM Business Plan has been approved by the Mayor.
- To improve knowledge of staff of PDAM Kab. Labuhanbatu, especially in operation of pumping system of the production units, IUWASH conducted training on operation and maintenance of pumps. By the end of this training, the PDAM staff was able to properly operate the pumping system and repair the pumps if there is damage.
- Continued to train PDAM Staffs in all IUWASH cities of North Sumatra Region on Energy Efficiency Audit (Binjai, Langkat, Tebingtinggi), Non Revenue Water (Binjai, Langkat, Pematang Siantar, Sibolga, Labuhanbatu), Distribution Network Improvement (Langkat, Sibolga, Labuhanbatu, Asahan) and Production Capacity Improvement programs (Tanjung Balai and Labuhanbatu). These activities will directly impact PDAMs operational performance.
- Completed the tender process for Climate Change Vulnerability Assessment (CCVA) under PO scheme in Sibolga area. PT Lemlit Unsyiah was selected as the implementor of the program. Furthermore IUWASH will begin this program in January 2014 started by a kick of meeting in Sibolga together with all the relevant parties.

Regional Highlights of Sanitation Sector

This quarter, the activities for sanitation sector included the completion of the DED IPAL kawasan of Kota Binjai, continue on establishment of UPTD sanitation in 4 cities, conduct advocacy on increase budget for sanitation sector, promotional campaign for the sanitation connection and conduct the assessment on the potential of individual sanitation connection through micro credit scheme. Below is the summary divided into two parts – Anchor Site and other program highlights.

Program highlights in the Anchor Site of sanitation sector this quarter:

- *Anchor Site #1: Medan Sewerage System Development.* In this quarter, IUWASH supported the review of the the DED for sewerage system rehabilitation in zone I – VIII, which was done during PY3, but for the further bidding process, some minor parts of the DED had to be revised after receiving inputs from the relevant institutions. Regarding the financing funding Central Government has allocated Rp. 35 Billion for the construction to start in 2014.
- *Anchor Site #2: Community-based Desludging in Belawan-Medan.* The hardware for the Community based desludging system in Belawan is completed, including all equipment, SOP, and the linkage between the SME and PEMDA. The program is now ready for the software program which includes promotion and implementing the system.
- *Anchor Site #3: Regulations for Tebing Tinggi on small-scale sewerage and sludge management.* Similar with Medan Sewerage System, the anchor project in Tebing Tinggi is developing small scale sewerage system. It is now in the final step for IPAL and main pipe construction to the households. These all supports are provided by Local Government of Kota Tebing Tinggi. The funding of the second stage of this development of small scale sewerage system is available under the Central Government (APBN 2014) for amount IDR 2,6 Billion.



Other program highlights in the sanitation sector this Quarter:

- Conducted prebid meeting on formation of UPTD for 4 cities (Tebingtinggi, Binjai, Asahan and Tanjungbalai). This program is under PO scheme. The bid evaluation was conducted in December 2013 and program it is expected to start in January.
- Supported PEMDA Kota Medan with advocacy to the Central Government for securing budget allocation in APBN 2014 for rehabilitation of Medan sewerage system in zone I – VIII.
- Budgets were also secured through IUWASH support, for IPAL Kawasan Kota Binjai, second stage of IPAL Kawasan Tebing Tinggi, house connection in Tebingtinggi and Binjai, house connection in IPAL Kawasan Tanjungbalai and for IPLT Medan,
- Conducted rapid assessment through random interviews, focus group discussions, and direct observation in 11 potential areas of micro credit (sanitation) in Tanjungbalai, Labuhanbatu and Asahan, as preparation for upcoming grant program on increasing access to individual sanitation system through micro credit scheme.
- Continued with promotion campaign in kelurahan Badak Bejuang, Kel. Gambir and Kel. Mandailing to reach the target for 650 new house connections to small sewerage systems (IPAL Kawasan). Kota Tebingtinggi will receive support from sAIIIG Program and IUWASH agreed to to support conduct promotion campaign and establishing the UPTD to manage the systems.

Regional Highlights in Crosscutting Sector

Regional Highlights in Cross Cutting Sector This Quarter:

- Conduct Serial Workshop on the preparation of “Perwal Pengelolaan Air Limbah Rumah Tangga Kota Medan” (Mayor Regulation on Domestic Waste Water Management). The draft of Perwal is completed and has been sent to the legal section of the PEMDA. Because PDAM Tirtanadi is under the provincial government, Local Government of Kota Medan should consult with legal section of the provincial government.



IUWASH NORTH SUMATRA

Discussion on sewerage system Tebingtinggi.

- Conduct Pre-Bid Meeting and bidding evaluation for Development Citizen Engagement Mechanism (CEM) for three cities including Kab Langkat, Kab Labuhanbatu and Kota Tanjungbalai. The pre-bid meeting and bidding evaluation were held in Medan and Jakarta and contract award will be signed at the end of January 2014.

- Conduct updated data for the preparation of local regulations (Perwal and Perbup) on the master plan of the water supply system (RISPAM). Support for Perwal/Perbup will be given to Tebingtinggi, Binjai, Sibolga, Langkat, Asahan and Labuhanbatu



IUWASH NORTH SUMATRA

FGD Finalisation Draft Perwal Optimalisasi Kinerja PDAM Tirtasari Binjai.

- Conduct FGDs to finalize the Draft Perwal on Optimalisasi Kinerja PDAM Tirtasari Binjai. The regulation is divided into 2 sections:
 - 1). Perwal on Long-Term Debt Settlement and
 - 2) Optimalisasi of PDAM Performance.The drafts of both Perwal were submitted to Sekda for review to be signed by the Mayor.

Upcoming Events

Event Title	Date	Type of Event	Venue
Workshop Stakeholder Preparation "Perwal Pengelolaan Air Limbah Rumah Tangga Kota Medan"	January 2014	Workshop	Medan
Workshop Pengembangan Kapasitas DPRD & SKPD Terkait Watsan	March 2014	Workshop	Berastagi
Visioning Workshop Air Minum dan Sanitasi Kabupaten Langkat	March 2014	Workshop	Stabat
Workshop Stakeholder CEM Kab Labuhanbatu, Tanjungbalai and Langkat	March 2014	Workshop	Rantauparapat, Tanjungbalai and Langkat
Training of Anggaran Responsif Gender (ARG) for all SKPD	March, 2014	Training	Medan
Workshop adoption plan on Climate Change Adaptation action Plan	January, 2014	Workshop	Pematang Siantar
Workshop Pre – Application meeting Grant SAN1 (microfinance, SME for SAN 1, Asahan, Tanjungbalai and Labuhanbatu)	January, 2014	Workshop	Medan
Kick Off meeting for implementation of CCVA	January, 2014	Meeting	Sibolga
The Establishment of Customer Forum	January, 2014	Workshop	Sibolga

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 per city).

The following pages present the following nine cluster reports for North Sumatra:

- Medan City
- Binjai City
- Tebing Tinggi City
- Pematang Siantar City
- Tanjung Balai City
- Langkat District
- Asahan District
- Labuhan Batu District
- Sibolga city

NORTH SUMATRA, Medan City

Summary

The City of Medan, with a total population of more than 2,200,000 people, has been very successful in expanding drinking water access for poor people over the last three years. Recent population growth and city development has increased the demand for the water, so PDAM Tirtanadi needs to quickly increase its production capacity. For this purpose, support has been received from the provincial government in the form of equity capital for business development.

Regarding sanitation, around 4% of the area is served by an offsite sewerage system. IUWASH is supporting the PDAM with a network extension targeting 13,250 new household connections. Dinas Perkim also supports on-site systems for poor communities and is developing improved sludge collection systems together with IUWASH.

Activities

Water Supply Sector:

- Coordination with PDAM Tirtanadi on target of service area and conducted field visit to kelurahan Belawan Bahagia, Belawan 2, Bagan Deli.
- Completed SOW for MBR Mapping and RDS for development of pipe network IPA Martubung.

Sanitation Sector:

- Completed the DED of rehabilitation of Medan sewerage system in zone I – VIII
- Completed advocacy for funding allocation under APBN 2014 for rehabilitation of Medan sewerage system in zone I – VIII and IPLT Medan
- Completed all the activities of the Grant Program on Community based desludge management in Belawan
- Conducted FGD and training to SME on management of community-based desludging system.

Crosscutting Sector:

- Conduct serial workshop on preparation of “Perwal Pengelolaan Air Limbah Rumah Tangga Kota Medan”
- Conduct training on Survey Improved Hygiene Behaviour (second data collection).

Plan for Next Quarter:

- Assist IDB Program on Communal sanitation System: Gender focal point, triggering, CBO on maintenance;
- Monitoring on rehabilitation of IPLT and Medan Sewerage system
- Conduct RDS survey and MBR Mapping.



IUWASH NORTH SUMATRA

Pre-Survey to the MBR area in Belawan.



IUWASH NORTH SUMATRA

Discussion on Medan Sewerage System in IPAL Cemara.

Partner Coordination:

- PDAM and Communities for preparation of RDS survey and MBR mapping
- Local Consultan, PDAM, Satker PLP, Dinas Perkim for finalization of DED of Medan Sewerage System
- Local Government (Legal Division) for Preparation of Perwal Air Limbah Kota Medan.
- Dinas Tarukim, Bappeda, Perkim for APBD and APBN

NORTH SUMATRA, Binjai City

Summary

The city of Binjai has a low rate of PDAM service coverage, reaching 22 percent of a total population of 246,010 people, and PDAM operations need to improve significantly. With a low Full Cost Recovery rate (6.7 percent), support is needed on business planning and debt restructuring, in conjunction with the opportunity to connect 7,500 new connections. The Mayor installed a new Director in early 2012 in order to improve performance at PDAM Tirtasari.,

Urban sanitation has not been a PEMDA priority, so it has no Pokja and no CSS. The mayor has asked IUWASH to support the PEMDA in developing all of these things as quickly as possible.

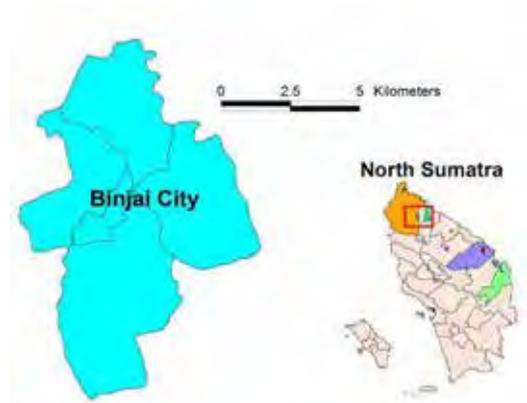
Activities

Sanitation Sector:

- Conducted bidding evaluation on UPTD Establishment
- Completed DED development of IPAL Kawasan Binjai
- Completed advocacy for funding allocation under APBN 2014 for IPAL Kawasan Binjai and house connection.

Crosscutting Sector:

- Conduct FGD on finalization the Draft Perwal on Optimalisasi Kinerja PDAM Tirtasari Binjai. The Perwal will be divided into 2 Perwal such as 1). Perwal for Long-Term Debt Settlement and 2). Optimalisasi of PDAM Performance.



IUWASH NORTH SUMATRA

Final Discussion on preparation of PERWAL.



IUWASH NORTH SUMATRA

Meeting advocacy on APBD for sanitation.

Plan for Next Quarter:

- Begin UPTD formation and regulation development of Domestic Waste Water Management
- Begin to assist IDB Program on Communal sanitation System: Gender focal point, triggering, CBO capacity building on maintenance.
- FGD on preparation of SOP (Standard Operating Procedure) of CEM in Kota Binjai
- Monitoring the implementation of IPAL Kawasan development
- Conduct Mini Workshop for micro credit sanitation

Partner Coordination:

- Pemko Staffs for advocacy for APBD funding
- PDAM, Pemko for Finalization of Perwal
- The Applicants for PO UPTD
- Local Consultant, Satker PLP, Bappeda for IPAL Kawasan

NORTH SUMATRA, Tebing Tinggi City

Summary

PDAM Tebing Tinggi city currently serves 31 percent of a total population of 145,180 people, and has idle capacity for 1,870 new connections. The support needed includes DED development, the business plan, advocacy to obtain long-term finance, and capacity building to enhance the efficiency of water management.

In the sanitation sector, the government has good performance since Pokja Sanitasi was established and the White Book and CSS plans have been produced. Also, 11 MCK and communal IPAL units have already been established under the Sanimas program. However, this sector still needs to promote the STBM program as part of the CSS plan.

Activities

Water Supply Sector:

- Assisted PDAM to review the Pre-feasibility study as suggested by Ministry of Public Work
- Facilitated PDAM in discussion with Ministry of Public Work to define the APBN grant for SPAM
- Assisted Bappeda and Dinas PU in advising the DED of pipe network system that conducted by local consultant

Sanitation Sector:

- Tender Evaluation on Development of UPTD
- Developed DED of house connection of IPAL Kawasan Tebing Tinggi
- Completed advocacy on funding allocation under APBN 2014 for IPAL Kawasan Tebing Tinggi (2nd stage) and under APBD 2014 for house connection
- Conducted socialization on the promotion of IPAL Kawasan in Badak Bejuang and participatory campaign to the candidate of consumer in Kel. Gambir dan Kel. Mandailing
- Conducted socialization, cross visit, and pre-testing of promotional media of IPAL Kawasan

Cross cutting :

- Conduct training on Survey Improved Hygiene Behaviour (second data collection)

Plan for Next Quarter:

- DED of House Connection in IPAL Kawasan Tebing Tinggi
- Begin UPTD formation and regulation development of Domestic Waste Water Management
- survey and promotion of connection for poor communities
- Mini Workshop for micro credit sanitation
- Promotion of small scale sewerage system in 4 sub-districts



IUWASH NORTH SUMATRA

The mayor led the discussion on, Ranperda, UPTD of Sewerage and SPAM Regional.



IUWASH NORTH SUMATRA

Socialization and Campaign for IPAL Communal.

Partner Coordination:

- Satker, subdit Air minum and PDAM for the development of SPAM
- Pemko (Bappeda, PU) for advising the DED on SPAM
- The vendors for tender process of PO UPTD
- Local Consultant for DED of house connection
- Facilitator and Communities for socialization and sanitation campaign

NORTH SUMATRA, Pematang Siantar City

Summary

The city of Pematang Siantar is the second largest city in North Sumatra, with a total population of 241,285 people and PDAM coverage of 76.4 percent. PDAM has idle capacity for up to 7,335 new connections. PEMDA has ambition to develop a citywide sewerage system to inspire other regional governments around Lake Toba. However, a Pokja AMPL has not yet been established to prepare the PPSP programs supported by the central government. This created an opportunity for IUWASH to encourage PEMDA to commit to the PPSP program, after which IUWASH can support promotion of the STBM program to be implemented by the PEMDA in priority locations.



Activities

Water Supply Sector:

- Completed the document of PDAM Business Plan and it has been approved by the Mayor
- Completed the development of 241 unit infiltration ponds in Nagahuta areas.
- Conduct Workshop operational and maintenance infiltration ponds and mapping of 291 infiltration ponds constructed in this area.

Sanitation Sector :

- Support the Local Government in preparing the development plan of Sanitasi Perkotaan Berbasis Masyarakat (SPBM) funded by IDB



IUWASH NORTH SUMATRA

Socialization on Maintenance of Sumur Resapan.



IUWASH NORTH SUMATRA

Location of 241 + 50 infiltration ponds Nagahuta.

Plan for Next Quarter:

- Begin to assist IDB Program on Communal sanitation System: Gender focal point, Triggering, CBO capacity building on maintenance.
- Facilitate the establishment of Customer Forum
- Forming and strengthening the customer forum
- Update Data of Citizen Engagement Mechanism
- Capacity Building Business Plan and Waste Water for DPRD & Stakeholder

Partner Coordination:

- PDAM Tirta Uli for Business Plan development
- Local Contractor, PTPN IV, Communities for development of Sumur Resapan
- Dit PLP, Pemko for preparation of SPBM plan.

NORTH SUMATRA, Tanjung Balai City

Summary

The city of Tanjung Balai urgently requires additional water resources since the PDAM only has 2.5 l/s of idle capacity while there is an immediate need for new connections for more than 3,000 households. Currently, service coverage is 51.3 percent of a total of 159,932 people.

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

Activities

Water Supply Sector :

- Assisted and facilitated PDAM, LG for bidding process of the development of Water Treatment plant III;
- Assisted PDAM for Launching preparation of Billing and Accounting Program (SISKA);
- Completed PDAM Business Plan and it has been approved by the Mayor.

Sanitation Sector :

- Tender Evaluation Development of UPTD
- Conducted advocacy for budget allocation under APBD 2014 for house connection of IPAL Kawasan Tanjungbalai
- Conducted rapid assessment through random interview, FGD, and direct observation for 3 potential areas of micro credit sanitation

Cross cutting :

- Conducted advocacy for the establishment of SK Walikota (decision letter by Mayor) on PDAM Tirta Kualo Business Plan. The SK was signed by the Mayor;
- Pre-Bid Meeting on Development Citizen Engagement Mechanism (CEM) and UPTD under PO scheme;
- Conduct advocacy & discussion with Information Division of LG Tanjungbalai on the preparation of CEM Implementation;
- Conduct training on Survey Improved Hygiene Behaviour (second data collection).

Plan for Next Quarter:

- DED development of IPAL Kawasan Tanjungbalai
- Begin UPTD formation and regulation development Conduct FGD CEM (CBO, Journalist & PDAM & SKPD)
- development of CEM with LG institutions and Citizen
- Upgrading design for the capacity improvement of WTP II.



IUWASH NORTH SUMATRA

Rapid assessment Micro Credit Sanitation.



IUWASH NORTH SUMATRA

Site visit to IPAL Kawasan Location Plan.

Partner Coordination:

- Pemko, PDAM on tender process for development of WTP III
- Pemko staffs for APBD advocacy
- Facilitator and communities on rapid assessment of sanitation individual
- The Applicants for PO CEM and UPTD

NORTH SUMATRA, Langkat District

Summary

Stabat is the capital of Langkat District, which has 23 subdistricts and a population of 1,080,000 (2010). Fifteen of the 23 subdistricts in Langkat have a water supply service through 13 service units under the management of the PDAM, but overall service coverage is still relatively low at 10.3 percent. Based on existing water production data, the PDAM has idle capacity of 45 lps (sufficient for an additional 3,000 households to be connected).

Beginning in PY3, IUWASH is providing full support to this city to compliment an initial program established in PY2 to develop a microcredit program with the PDAM, which is still continuing. The region needs to expand its service coverage to reach more low-income people.



Activities

Water Supply:

- Continuation training for PDAM staffs on Non Revenue Water reduction;
- Conducted FGD and facilitated on finalization of PDAM Business Plan;
- Finalized the training of Billing and accounting system (SISKA);
- Continuation monitoring and support PDAM in increasing of new water connection through micro credit.

Sanitation Sector:

- Completed to encourage Local Government to submit requirements for PPSP 2014

Cross Cutting :

- Pre-Bid Meeting PO Development Citizen Engagement Mechanism (CEM)



IUWASH NORTH SUMATRA

Training NRW for PDAM Staffs.



IUWASH NORTH SUMATRA

Evaluation on Micro Credit for Water.

Plan for Next Quarter:

- Conduct 3 Serial FGDs on CEM (CBO, Journalist & PDAM & SKPD);
- Tender Process for Development of CEM between Governments of City/Counties with Citizen;
- Conduct monev on the result of workshop on capacity building for stakeholders (DewanPengawas, Pemda, PDAM)
- Conduct a refreshment training and monitoring for the promotion team of micro credit water supply

Partner Coordination:

- PDAM Staffs and Facilitator for training of NRW reduction, SISKA and Business Plan PDAM and communities for evaluation of water micro credit
- Pemkab Staffs for take part in PPSP Program
- The Applicants for PO CEM

NORTH SUMATRA, Asahan District

Summary

Asahan District has a population of 668,272 (2010). Among their water supply challenges are debt restructuring, idle capacity, poor water quality, limited production capacity, and a water tariff that has not reached a full cost recovery (FCR) level. Meanwhile, sanitation is not a priority; there is no city sewerage system and the STBM program needs to be improved.

IUWASH plans to: (i) develop working groups in sanitation/drinking water and environmental health; (ii) develop a Sanitation White Book, City Sanitation Strategy project memorandum for the sanitation program; (iii) promote family toilets to encourage open defecation free; (iv) provide handwashing with soap materials; and, (v) conduct post-construction training and facilitation of the Sanimas program.

Activities

Water Supply Sector:

- Conducted mapping of Pipe network system on Distribution Network Improvement/DNI Water Supply to improve PDAM performance.
- Conduct assessment and preparation for SOP of PDAM Tirta Silaupiasa.

Sanitation Sector:

- Conducted Tender Evaluation on Development of UPTD;
- Completed to encourage LG to submit requirement for PPSP 2014;
- Conducted rapid assessment through random interview, FGD, and direct observation for 4 potential areas of micro credit sanitation.

Crosscutting Sector:

- Conducted updating the data of Perbup RI-SPAM regulation for preparation of Perbup on RI-SPAM.

Plan for Next Quarter:

- Begin UPTD formation and regulation development of Domestic Waste Water Management;
- Conduct monev on the result of workshop on capacity building for stakeholders (DewanPengawas, Pemda, PDAM);
- Conduct Training Energy Efisiensi Audit;
- Conduct Training Non Revenue Water reduction;
- Conduct Training GIS/MIS Support for PDAM.



IUWASH NORTH SUMATRA

Discussion MTE Team with PDAM Asahan.



IUWASH NORTH SUMATRA

Socialization and survey on Micro credit SAN 1.

Partner Coordination:

- PDAM and facilitator for pipe network mapping
- The Applicants for tender of PO UPTD
- Pemkab for take part in PPSP program
- Facilitator and communities for sanitation individual micro credit
- Pemkab staffs for preparation of RI-SPAM

NORTH SUMATRA, Labuhan Batu District

Summary

There are 547,802 people in Labuhan Batu District. The district's water utility faces poor water quality, 50 percent idle capacity, a high NRW rate of 41 percent, and a water tariff that has not reached full cost recovery. The district lacks a wastewater management plant, with sludge being dumped in local rivers. It also lacks important sanitation-related documents such as a CSS and project memorandum, and there are no working groups on sanitation, drinking water and environmental health.

IUWASH plan to conduct advocacy efforts to include the district in the PPSP program, promote individual toilets to achieve open defecation free communities, provide materials for handwashing with soap, and conduct training and facilitation for the Sanimas program.



Activities

Water Supply Sector:

- Conducted an onsite promotion strategy for residence area for new water connection through micro credit scheme;
- Conducted training for Operation and Maintenance of Pump to support the production improvement capacity
- Facilitated PDAM to promote new water connection in Labuhanbatu Expo.

Sanitation Sector:

- Completed to encourage LG to submit requirement for PPSP 2014;
- Conducted rapid assessment through random interview, FGD, and direct observation for 4 potential areas of micro credit sanitation;
- Conducted sosialisasi of individual sanitation through micro credit to the LG Staffs (BAPPEDA, Dinkes dan Dinas Koperasi dan UKM)

Crosscutting Sector:

- Pre-Bid Meeting on Development Citizen Engagement Mechanism (CEM) under PO scheme;
- Update the Watsan regulation data in preparing PerBup for Rencana Induk Sistem Penyediaan Air Minum Labuhanbatu.

Plan for Next Quarter:

- Conduct monev on the result of workshop on capacity building for Stakeholders (DewanPengawas, Pemda, PDAM);
- Conduct FGDs CEM (CBO, Journalist & PDAM & SKPD);
- Tender Process for CEM with LG institutions and citizen
- Conduct a refreshment training and monitoring for the promotion team of micro credit water supply



IUWASH NORTH SUMATRA

Onsite promotion on Micro Credit for New Water Connection.



IUWASH NORTH SUMATRA

Exhibition booth of PDAM Tirta Bina in Labuhanbatu EXPO, 2013.

Partner Coordination:

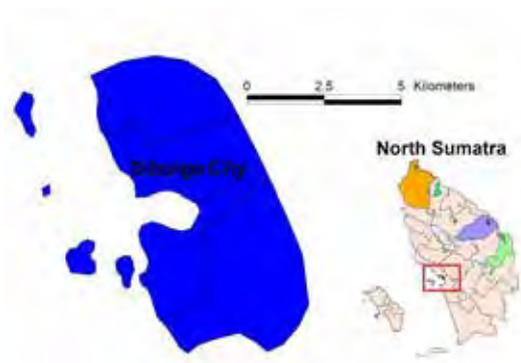
- PDAM and Communities for water connection promotion.
- PDAM Staffs, facilitator for Training of pumps
- Pemkab (BAPPEDA, Dinkes & Dinas Koperasi) for sanitation individual micro Credit
- The Applicants for bidding of PO CEM
- Facilitator, Communities for rapid assessment survey sanitation individual.

NORTH SUMATRA, Sibolga City

Summary

Sibolga city has a population of 88,211 (2011). With service coverage at 60 percent, there are substantial opportunities for the water utility to gain new customers. However, raw water supply from a nearby river is only 50 percent during the dry season, and the NRW rate is at 41 percent. In the sanitation sector, the city does not have medium- or long-term plans for citywide sanitation, the IPLT is no longer functioning, and the STBM program needs support.

IUWASH's approach includes triggering activities for individual toilets, providing materials for handwashing with soap, conducting advocacy efforts for a new IPLT, STBM training and facilitation, and post-construction training and facilitation of the Sanimas program.



Activities

Water Supply Sector:

- Facilitated PDAM Tirta Nauli for preparing the PDAM Business Plan
- Conduct Prebid meeting for Master Meter Program
- Completed Tender Process of CCVA Sibolga under PO scheme, PT Lemlit Unsyiah has been appointed as a program implementer
- Conducted FGD on Master Meter Program in Kel. Simare mare

Sanitation Sector:

- Completed to encourage LG to submit requirements for PPSP 2014

Cross Cutting:

- Conducted updating the Watsan regulation data in preparing Perwal for Rencana Induk Sistem Penyediaan Air Minum Sibolga.

Plan for Next Quarter:

- Conduct monev on the result of workshop on capacity building for stakeholders (DewanPengawas, Pemda, PDAM);
- Implementation of Grant on Master meter program
- Facilitate the establishment of Customer Forum
- Implementation of CCVA Program under PO scheme



IUWASH NORTH SUMATRA

FGD for Master Meter Program.



IUWASH NORTH SUMATRA

Pre-Application meeting for the Grant Master Meter Program.

Partner Coordination:

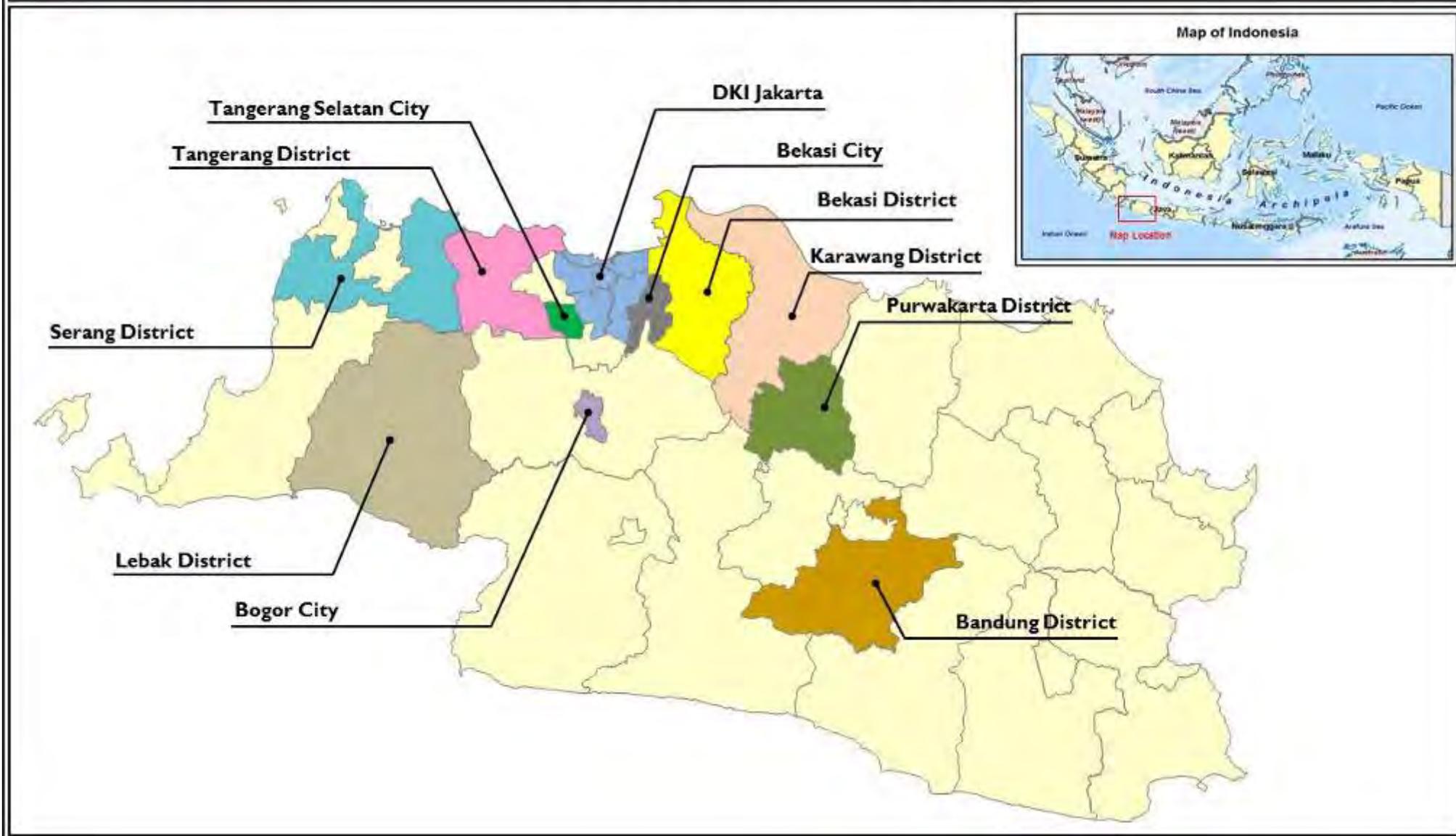
- The Applicants for grant Master Meter program
- Pemko for take part in PPSP program and Update Watsan regulation
- LemLit Unsyiah for PO CCVA
- PDAM and Communities for FGD on implementation of master meter program



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Map of City/ District for West Java, DKI Jakarta, Banten Region

iuwash
Indonesia Urban Water, Sanitation, and Hygiene



Section 4.2

WEST JAVA/DKI JAKARTA/BANTEN

Summary

The provinces of West Java, DKI Jakarta and Banten are home to a population of more than 63 million people—nearly a quarter of Indonesia's total population. This region covers an area of 44,600 square kilometers, or only 2.3% of Indonesia's surface area. About six million people are classified as poor across the three provinces, from which 5.49% live in DKI Jakarta, 12.95% in Banten, and 81.56% in West Java. In Since PY2, IUWASH is supporting eleven municipalities in this Region (see Regional Map).



In water supply sector, the activities in this quarter focused on assisting PDAMs to develop business plans and conduct feasibility study for PDAM new service areas in Kota Bekasi. IUWASH also facilitated capacity building training on GIS, master meter organization with grantee FORKAMI, customer service and setting up customer communication forum with PDAM. One customer communication forum was established in PDAM Kab. Tangerang.

In sanitation sector, IUWASH facilitated on-the-job training on septic tank construction for masons and supervisors with two cooperatives and two KSMs in Kab. Tangerang. IUWASH also facilitated partnership for funding opportunities between the above organization with water.org and Bank Jabar-Banten or BJB, resulting in support by BJB for Rp 150 million. A training series for 150 new STBM facilitators were held in December 2013. In community-based system or SLBM/Sanimas, IUWASH continues to support PEMDA institutions with capacity building and examples of communal sanitation system in Kota and Kab Bekasi, Kab. Bandung and Kab. Tangerang. Following the issuance of Perda 3/2013 on solid waste that also states the handover of desludging service from Dinas Kebersihan to PD PAL Jaya, IUWASH started to support PD PAL Jaya for planning a socialization program.



Harod Novandi/IUWASH West Java

Uki Sukatma, Head of KSM Usaha Sehat Gemilang from Kedaung Barat village signed the agreement with BJB for Rp 150 million for sanitation micro-credit, also witnessed by Bupati Tangerang, Ahmed Zaki Iskandar (in black suit) on December 23, 2013.

Success Stories

Success Story in Water Supply Sector

The water utility business plan: building a roadmap to broaden access to water for communities

As an effort to improve the water utilities' financial aspect, IUWASH supports the Water Utility of Bekasi District to develop their business plan. This document is substantial to provide guidance and direction for the water utility, as a company, to run their business for the next five years 2014 to 2018. IUWASH adopted a combination of participatory and coaching approach. A series of inter-departments focus group discussions were conducted for the development of technical and financial plans.

After completing the review and the development of technical plan, on 19-21 November 2013 the business plan development core team from technical and finance departments attended a final session to develop financial projection and investment plan. Also present in the meeting were the head of all department and board of directors: president director, general director, technical director and business director. This shows a strong commitment the water utility put toward increasing coverage and building an essential roadmap for new investment in new service areas.

For the next five years, the Water Utility of Bekasi District will focus on two major programs: optimization of the existing plants and construction of new treatment facilities. The Water Utility of Bekasi District has identified several challenges for system expansion, such as limitation of raw water withdrawal permit from national government and high non-revenue water. Depending on the permit issuance, the Water Utility of Bekasi District will uprate and increase the capacity of existing intake and production unit. While for the non-revenue water, they will install new district meters to monitor and reduce the losses.

In 2013, there are five treatment facilities built with total capacity of 955 lps. For these systems the Water Utility of Bekasi District will invest on construction of new distribution systems. There will also be 8 new facilities constructed with total capacity of 1,050 lps. All of these programs will require investment of 1,077 trillion rupiah which will come, as projected, from national and local government (29%), from the water utility (33%) and commercial loan (38%). It is expected that until 2018, there will be an additional 176,150 from the existing 175,521 household connections.

The Water Utility of Bekasi District is currently serving the city and district of Bekasi. The above program will help to increase the service coverage in both cities from 16.8% to 27.4%.



Adri Ruslan/IUWASH West Java

Usep Rahman Salim, the President Director (holding microphone), appreciates the support IUWASH provided to PDAM. "Unlike the ordinary where we paid a consultant to develop the plan for us, instead IUWASH coaches how to develop the plan, how to analyze the data and how to write it. This is the most appropriate and effective way, because it is only the PDAM staffs that knew exactly what they need, what they want and how to do it. Since we were involved from the beginning, we know how to implement the plan for the next five years," he said during the final workshop conducted from 19-21 November 2013 in Hotel Ibis, Bandung. The core team was all very enthusiastic that the discussion on investment plan went until midnight during the whole three days.

Success Story in Sanitation Sector

Improved school sanitation facilities in Tangerang District for healthier future generation

In November 21, the Head of Tangerang District, Ahmad Zaki Iskandar launched a new grand program of school sanitation improvement namely "SaniSek Program" to commemorate the 49th National Health Day. The event which was held in State Elementary School (SDN) Kemiri III attended by the government officials, military representatives, teachers, students and community members.

The embryo of SaniSek program was initiated in early 2013 when the local government of Tangerang District through District Public Works Office or Dinas Cipta Karya allocated two billion rupiah to build and renovate inadequate toilets in 19 schools and improve their sanitation treatment system. In SaniSek Program, this initiative then was replicated and up-scaled in 245 primary schools which spread in 29 sub-districts with total budget of 42 billion rupiah.



Harod Novandi/IUWASH West Java

The Head of Tangerang District, Ahmed Zaki Iskandar (in white batik) and IUWASH Chief of Party, Louis O'Brien witnessed the groundbreaking ceremony of school sanitation improvement in SDN Kemiri III, Tangerang. Hundreds of military staffs from 0506 Regional Military Command of Tangerang District also will support the SaniSek Program implementation.

The SaniSek program is a collaborative effort of several different institutions. IUWASH contributes in the development of typical designs of school sanitation combining child-friendly toilet, hand washing stations and proper treatment facility, from small, middle to large systems depending on land availability and numbers of student. Dinas Cipta Karya and Regional Environmental Agency or BLHD are responsible for the construction, the District Education Office and schools contribute to the operational and maintenance of the facility while the District Health Office is responsible for hygiene promotion activities. Some military personnel will be also directly involved during the toilets construction.

Ahmad Zaki Iskandar, 40, was inaugurated as the Head of Tangerang District in March 2013. He recently finalized the Mid-Term Development Plan that will translate his 25 priority programs into actions during his leadership period of 2013 to 2018. In sanitation sector, increasing infrastructure access becomes the main emphasis, not only in residential areas but also in public facilities, including schools. A total of 40 billion rupiah will be allocated for sanitation per year.

"This is only one small step towards achieving 'Tangerang Gemilang' and our children are the foundation for our bright future," Iskandar said in his remarks pointed out the meaning of "Bright Tangerang" motto. "School community is the agent of change. This program is our legacy for them to be able to live a healthy life and to bring about the healthy and happy family", Iskandar added. "In this era of transparency and accountability, I would like to entrust the administrator as well as the implementers of SaniSek program that all the process and progress should be well-documented", said Iskandar as his closing remarks.

During the event, the Head of Tangerang District also launched 'Kartu Sehat', a program to help poor people to get access to appropriate health and medical treatment. This program compliments

the ongoing national health insurance (Jamkesmas) program. In 2013, a total of 1,033,781 people are served through this program. This only covers 30 percent of total poor people in Tangerang District. Therefore, the local government will allocate more budget in the coming years to increase the coverage.

Regional highlights by sector

Regional Highlights of Water Supply Sector

The following section summarizes the highlights in the water sector implemented this quarter, starting with the anchors site and followed by other highlights:

Anchor Site: Climate Change Adaptation Program in Cisangkuy Watershed Area in Kab. Bandung. This quarter, IUWASH facilitated primary data collection and field observation to raw water sources of PDAM Kab. Bandung and Kab. Serang. A team of consultants also conducted an assessment of existing condition of two PDAM's water treatment plants and did hydrometric and hydrogeology survey in a catchment area of Cisangkuy River in Kab. Bandung. The team also measured the water flow and collected the raw water samples from both locations to be sent to a laboratory for water quality analysis.



Other program highlights of the water supply sector

- IUWASH conducted GIS application training for wat/san program for 18 representatives of PDAMs, and PEMDA Kab. Purwakarta, Kab. Serang, Kab. Bekasi and Kota Bekasi. In this training IUWASH provided basic GIS theory and hands-on experience on GIS application especially for development of GIS-based spatial database. IUWASH also introduced the use of GIS software, such as MapInfo, Google Earth, Mapsource and GPS equipment.
- IUWASH facilitated the development of business plan for PDAM Kab. Lebak and Kab. Bekasi and is now finalizing the financial projection and analysis. While in PDAM Kota Bogor, the first draft was finalized and is ready to be disseminated in a public consultation forum in next quarter. IUWASH also discussed with AusAID's INDII to consolidate the priority programs as INDII will also develop similar document for a specific area in Kab. Purwakarta. IUWASH also conducted site observation for new WTP with PDAM Kab. Tangerang and finalized FS for Cibaja area with PDAM Kab. Serang.

- IUWASH assisted PDAM Lebak for debt restructuring, including development of financial projection and investment plan to be submitted to the Ministry of Finance. IUWASH facilitated cross visit by PDAM Lebak technical staff to PDAM Kab. Bandung to learn about a successful non-revenue water reduction program and integration of billing-accounting system.
- IUWASH facilitated a series of training on customer service for PDAM Kab. Bandung and PDAM Kab. Lebak for a total 62 PDAM staffs, not only for customer service and public relation departments but also for production, distribution and finance teams. During the training the participants discussed ways to handling customer complaints as well as on setting up a clear procedure for complaint management.
- With PDAM Kab. Tangerang IUWASH supported the establishment of PDAM Customer Communication Forum through training events in which also 30 customer representatives participated. They learned about PDAM operation from intake to the reservoir and distribution system and were taken to one IPA in Bojong Renged, Teluk Naga.
- IUWASH through its grantee, FORKAMI, facilitated capacity building for three KSMs master meter in Kab. Tangerang. The system in one location is already distributing clean water to 153 customers. FORKAMI also assisted KSM Permata for meter reading and billing system and troubleshooting including how to repair pipe leaks. The KSM calculated that in the month of October there was 112 m³ water lost due to leakage in tertiary pipe networks. FORKAMI is now working in the two other master meter locations in Mekarsari Village for the remaining 189 house connections.



Teguh/KSM Permata Rajeg

“This tap water is clean and the pressure is high”, said Lamsidar Lasroha happily, a mother of two young kids who enjoys the first three-months of having tap water from the master meter system . She has been living in Rajeg, an area surrounded by rice fields for four years where the water is brackish and smelly. According to Teguh the secretary of KSM Permata Rajeg the average water consumption per house is 10 cubic meter.

Regional Highlights of Sanitation Sector

This summary of program highlights this quarter in the sanitation sector is divided into two parts – Anchor Site and other program highlights.

- *Anchor Site #1: Centralized Sanitation Management in Kota Bogor.* This quarter, IUWASH facilitated a survey to potential customers for regular desludging with UPTD PAL Kota Bogor. One of the locations is in Bogor Raya Residence. Out of the 147 respondents more than 2/3 responded that they are interested to obtain this service. This service will only target households or areas that known to have installed a proper septic tank and that are accessible by the sludge vacuum truck.

- Anchor Site #2: promoting access to micro-financing for improvement of individual sanitation systems in Kab Tangerang.

IUWASH worked with two cooperatives in Kab Tangerang (AKR and KPP-UMKM) to set up sanitation micro-credit program, starting with on-the-job trainings for local masons and field officers/facilitators for construction of standard septic tank. So far 9 individual facilities were constructed with different models offered by both cooperatives, from simple and cheaper package (septic tank construction only) to a sophisticated toilet-bathroom-septic tank construction package. The loan ranges from 2.5 to 6 million rupiah with between

1 - 2 years payment period. During the training, IUWASH also introduced a design that is gender sensitive and elderly/child friendly. IUWASH also facilitated the two cooperatives in accessing seed money (soft loan) to roll-out the micro-credit, from the Ministry of Cooperative and Agency for Revolving Fund (LPDB), the Sharia Cooperative Inkopsyah and Water.org. Water.org is a US-based non-profit organization that provides technical assistance for development wat/san financing models. IUWASH supported KPP-UMKM for sanitation micro-credit program with a total of 1.2 billion rupiah allocated by water.org for capacity building, cross study, loan product development, website development, construction of 51 new septic tank molds and monitoring evaluation activities. Water.org will also support KPP-UMKM to link up with financial institution while IUWASH agreed to focus on the SME/contractor set up and capacity building.



Adri Ruslan/IUWASH West Java

Karim (wearing hat) provides instruction to local mason how to install the septic tank mold during an on-the-job training with Cooperative AKR in Kampung Kedondong, Kab. Tangerang.

Other program highlights of the Sanitation sector

- Following up the successful implementation of STBM program in 17 villages in 5 sub-districts in Kab. Tangerang, Dinas Kesehatan started replicating this approach in 30 villages starting with conducting training for 150 representatives (5 per village). Two of the champions of STBM facilitators, Karim of Saga Village and Junaidi Jatmiko, sanitarian of Teluk Naga were also invited as speakers and mentors of STBM replications. Karim, is also member of KSM Saga, one of the two KSMs, including KSM Kedaung, that are now actively promoting micro-credit sanitation. The two KSMs just received CSR funds from BJB. IUWASH will continue to work with PEMDA to leverage additional funding.



Adri Ruslan/IUWASH West Java

Junaidi Jatmiko, sanitarian from Teluk Naga shared his experience from implementing STBM program to 150 participants for STBM replications. He was trained by IUWASH to implement STBM and is very successful to trigger the communities in Kebon Cau and Babakan Asem villages and within two weeks, 42 individual toilets were built under his supervision.

- Seeing the importance of UPTD PAL as a central organization for wastewater management, IUWASH is facilitating the establishment of UPTD PAL in 7 cities. In Kab. Serang a Bupati Decree (No. 37/2013) on UPTD PAL was approved and signed, while for Kab. Tangerang and Kab. Bekasi the draft decree is now being finalized by PEMDA legal departments; for Kab. Bandung, Kota Bekasi, Kota Tangerang Selatan and Kab. Lebak, an academic paper (Naskah Akademik) was submitted to each PEMDA regarding the set up and the proposed organization structure.
- IUWASH collaborated with PEMDA of Kab Bandung and Kota Bekasi to conduct training for several communal sanitation facilities constructed under SLBM/Sanimas program to ensure sustainable operation by KSM. There is potential to add more house connections to existing IPAL.
- IUWASH also works through a grantee, Bina Swadaya Konsultan (BSK) to supervise construction of communal IPAL for 76 houses in Teluk Naga Kab. Tangerang and with a developer of Bukit Indah Pratama for construction of similar system for 70 houses. In both locations IUWASH also works with Satker PPLP Jabodetabek for the construction materials and with the developer for labor cost.
- Following the issuance of Perda 3/2013 on Solid Waste that also mentioned the handover of desludging operator from Dinas Kebersihan to PD PAL Jaya, IUWASH now works with PD PAL Jaya to support program socialization and to share the results of IUWASH study and framework on regular desludging in four cities to local government of DKI Jakarta.
- IUWASH facilitated cross visit for representatives of PEMDA Kota Tangerang Selatan to Denpasar and Tabanan, Bali that just received an AMPL Award for their good sanitation service. The team visited the BLUD office and witnessed firsthand how waste treatment system is operated. IUWASH is now assisting Kota Tangerang Selatan to set up UPTD PAL.
- Besides the two cooperatives, IUWASH also works with two KSMs of Saga and Kedaung villages on sanitation micro-credit promotion as part of the sequence activities of the STBM triggering process. IUWASH started with training for sanitarians, community leaders and cadres as STBM facilitators to conduct triggering process and hygiene promotion and after successfully increasing the demand, IUWASH supported two KSM to conduct sanitation marketing, install standard septic tanks and to provide alternative financing scheme or micro-credit. IUWASH did on-the job training for STBM facilitators and local masons to construct standard septic tank plus provided two septic tanks molds for the two KSMs. IUWASH then supported them to submit two proposals for funding by BJB. BJB has annual budget of Rp 5.6 billion for these initiatives and the proposals from KSM Saga and Kedaung are the first two activities approved and submitted by the team to receive Rp 75 million each to run sanitation micro credit program.



Harod Novandi/IUWASH West Java

Dinas Cipta Karya of Tabanan District showed the delegations of Tangerang Selatan City the small-scale sewerage system and the IPAL in Tunggal Sari managed by KSM Indah Lestari.

Regional Highlights in Crosscutting Sector

Besides the establishment of 7 UPTD (explained above), IUWASH has also moved forward with the setting up of citizen engagement mechanism with local government organizations. One of the steps was to conduct an assessment and an FGD to identify existing and potential communication media to engage citizen, such as website, SMS gateway, customer forum, etc. in Kota Bogor, Kab. Bandung, and Kab. Purwakarta. Following is the summary of program highlights this quarter:

- For Citizen Engagement Mechanism, IUWASH and local governments of Kab. Bandung and Kab. Purwakarta have identified several potential program for collaboration, such as development of website for Dispertasih of Kab. Bandung and website for PDAM of Kab. Purwakarta. A series of training that integrate gender awareness and hygiene behavior change was conducted in Kota Bogor.
- IUWASH also worked with local government of Kab. Bandung on the development of two draft decrees on STBM and on water supply master plan or RISPAM. The core committee for development of Perbup STBM has finalized the draft but in order to ensure a comprehensive endorsement and regulation on STBM implementation, the committee decided to wait until the new Permenkes is stipulated which will replace the previous ministerial decree Nr. 852/2008 on STBM.
- IUWASH facilitated trainings including web-based monitoring system for 24 staffs of Dinas Kesehatan and sanitarians followed with hygiene promotion training for 69 STBM and Sanimas facilitators, village leaders, DinKes and Puskesmas staffs from 7 kelurahans in Kota Bogor. During the workshop, IUWASH introduced gender sensitive and elderly/child friendly sanitation system.



Dadang Hidayat/IUWASH West Java

Djaya Pranolo, Head of News and Public Relation Department explained that PEMDA Purwakarta has set up a mechanism to receive feedbacks from community, like website and SMS gateway. "We forwarded all the questions and feedbacks we received via SMS and email to relevant offices and we require that all offices provide feedbacks in less than 14 days. All these mechanisms are monitor directly by the Mayor", he said. "We also received acknowledgement from the Minister of Communication and Information, with the Information Communication Technology (ICT) Pura Madya Award in September 2013," he added.



Nurisindah Kurniawan/IUWASH West Java

During the training, IUWASH also facilitated field practice on hygiene promotion, particularly the hand washing with soap and point of use water in two Posyandus in Sindangsari and Sempur villages, Kota Bogor.

- IUWASH also supported national initiative on appropriate technology competition organized jointly by STBM Secretariat, USAID's High Five, Pokja AMPL, IUWASH, World Vision Indonesia, HAKLI and Pundi Amal SCTV. Two of the finalists are from Bandung and their prototype technologies on vermifilter or worm-based wastewater treatment system and modern trash will be piloted in two SLBM/Sanimas locations in Bandung. "We hope that these technologies will help to provide solution to improve sanitation access in densely populated urban area," said Ewinur Machdar, the organizer from USAID's High Five.

Upcoming events

Event Title	Date	Type of Event	Venue
Socialization of regular desludging service with PD PAL DKI Jakarta	2 nd week of Jan	Workshop	Gedung Balai Agung, Pemda DKI Jakarta
Socialization and set up of KSM IPAL Bukit Indah Pratama	2 nd week of Jan	Event	Bukit Indah Pratama, Kab. Bekasi
Signing of MoU between KSM and PDAM Tangerang for master meter	3 rd week of Jan	Event	PDAM Kab. Tangerang
Capacity building on OM for KSM SLBM/Sanimas	3 rd week of Jan	Training	Dinas Cipta Karya, Kab. Bekasi
Discussion of Citizen Engagement Mechanism Kota Bogor	4 th week of Jan	FGD	Kota Bogor
Set up of UPTD PAL	4 th week of Jan	FGD	Kota Bekasi, Lebak and Kab. Bandung
Discussion of final draft Perbup STBM	3 rd week of Feb	FGD	Bandung
Socialization of micro-credit program with PDAM Kab. Karawang	Feb	Event	Karawang
Public Consultation Business Plan PDAM Kab. Purwakarta	2 nd week of Feb	Event	PDAM Kab. Purwakarta
Gender awareness training for KPP, AKR, DinKes and STBM facilitators	Feb-March	Training	Tangerang, Purwakarta and Bandung
Survey for customer reclassification with PDAM Kab. Karawang	March	Survey	Kab. Karawang

Cluster Report

Specific progress in this quarter in each of the 11 IUWASH target locations for the West Java/DKI Jakarta/Banten region is explained in following eight cluster reports.

- Bogor City, West Java
- Bekasi City, West Java
- Bekasi District and Karawang District, West Java
- Purwakarta District, West Java
- Bandung District, West Java
- DKI Jakarta
- Tangerang District and Tangerang Selatan City, Banten
- Serang District and Lebak District, Banten

WEST JAVA, Bogor City

Summary

PEMDA Bogor City has been very effective in the Watsan sector. PDAM water supply coverage has reached 73.7% of the total population of 936,655. Pokja Sanitasi is also very active, with a City Sanitation Strategy (CSS) produced in 2010 and a Wastewater Master Plan developed with AusAID-IndII. The PEMDA has allocated more than 5% of its budget to support implementation of the CSS and Master Plan. The wastewater service is divided into two zones based on its topography: (1) West Zone for onsite system and small scale piping system and (2) East Zone for sewerage and onsite system. Up to now, there are 43 Sanimas units used by more than 1,500 households, and a wastewater treatment plant (IPAL) in Tegal Gundil is now serving 300 households. With this new and many Sanimas systems, it is now a challenge for Kota Bogor to provide technical supervision for the operation and maintenance, including the desludging service. The newly upgraded UPTD PAL will soon promote regular desludging service to 97 houses in pilot area, Bogor Raya Residence with monthly fees of Rp 10,000.

Activities

Water Supply Sector:

- Conducted a series of FGD with PDAM staff on water supply demand and financial projection, including potential investment and technical program priority as part of Business Plan development

Sanitation Sector:

- Conducted training on SMS/web-based STBM monitoring for 28 sanitarians and staffs of Dinas Kesehatan and training on hygiene promotion for 69 community facilitators, village leaders and Puskesmas staffs
- Facilitated rehabilitation of piping system in one communal septic tank in Kel. Sempur, adding an additional 20 new house connections to the existing 24 beneficiaries
- Socialization of regular desludging service to 97 houses in Bogor Raya Residence in Cimahpar

Crosscutting Sector:

- Conducted FGD for citizen engagement mechanism with Dinas Kominfo

Plan for Next Quarter:

- Tender process for PDAM web-based information system and spatial data development
- Public consultation and finalization of PDAM Business Plan 2013-2017
- Rehabilitation of piping system for communal septic tank in Sempur for 20 households, installation of piping system for communal IPAL Sanimas in Cimahpar and Bubulak for 78 houses and installation of pipe crossing in Villa Citra Bantarjati to IPAL Tegal Gundil for 255 house connections
- FGD on citizen engagement mechanism with Dinas Kominfo and relevant stakeholders
- Socialization phase-2 for regular desludging in Bogor Raya Residence Cimahpar



Nurisnindah Kurniawan/IUWASH West Java

The community of RT 6/RW 4 worked together to rehabilitate the piping system in one communal septic tank in Kelurahan Sempur.

Partner Coordination:

- Bappeda, Dinas Kebersihan dan Pertamanan, Dinas Kesehatan, Dinas Wasbangkim, PNPM facilitator, Puskesmas for integration of STBM-Sanimas program and hygiene behavior promotion
- Bappeda, Dinas Wasbangkim, DKP and UPTD PAL for budget allocation of UPTD PAL activities
- PDAM and consultant for GIS/MIS spatial data development and business plan finalization

WEST JAVA, Bekasi City

Summary

Bekasi City is a relatively new city that split from Bekasi District in 1997. Two PDAMs share responsibility for providing access to piped water for 26% of the city population of 2.5 million. IUWASH has provided full support to the city government since the outset. Kota Bekasi developed a CSS (SSK) in 2010. Majority of population in Kota Bekasi is using on-site sanitation system such as individual septic tank or communal latrine (MCK). UPTD IPLT is now operating a sludge treatment facility in Sumur Batu with maximum capacity of 115m³/day. In Kota Bekasi there are around 500,000 people without access to adequate sanitation scattered in 34 locations that become the focus its sanitation program in these high sanitation risk locations.



Activities

Water Supply Sector:

- Supported the development of feasibility studies for Teluk Buyung (200 lps) that is now use for tender process to interested private investors

Sanitation Sector:

- Conducted capacity building with Bappeda, Disbapemkar, Dinkes for 412 KSM members and user of existing 8 SLBM/Sanimas systems in kelurahan Margahayu, Medansatria, Perwira, Sepanjang Jaya, Bintara Jaya, Kalibaru and Margamulya
- Supported the field observation and site selection for 9 new SLBM/Sanimas systems and assisted in the construction supervision
- Facilitated a series of FGD for establishment of UPTD PAL, it was decided that the UPTD PAL will be managed by Disbapemkar



Mariasih/TFL SLBM Kota Bekasi

IUWASH facilitated capacity building and construction supervision of 9 new MCK+IPAL in Kota Bekasi.

Plan for Next Quarter:

- Development of Business Plan with PDAM
- Development of GIS/MIS with PDAM
- Socialization of micro-credit for water supply house connection with PDAM
- Training of hygiene promotion with Dinas Kesehatan
- Preparation of small grant "Kampung Sanitasi" with Bappeda
- Establishment of UPTD PAL with Disbapemkar
- Implementation of FGD for CEM with Dinas Kominfo

Partner Coordination:

- Bappeda, Dinas Kesehatan, Dinas Pembangunan dan Pemadam Kebakaran for optimization and implementation of SLB/Sanimas program
- Bappeda, Disbapemkar, BLHD, Bagian Hukum dan Organisasi for establishment of UPTD PAL Kota Bekasi
- PDAM for development of feasibility study Bintara Jaya and DED of Pondok Gede

WEST JAVA, Bekasi District and Karawang District

Summary

The emerging industrial sector has led to the rapid development of residential areas in Kab. Bekasi and Kab. Karawang. Rice fields that used to occupy most of the land have diminished, along with the water catchment area. PDAM Kab. Bekasi is now serving 17% of total population 2.6 million while PDAM Kab. Karawang only serves 11% of the 2.1 million populations. Ninety percent of raw water sources for these two PDAMs consist of surface water. The continued conversion of green fields into housing and industrial estates, combined with climate change, threatens the quality and quantity of surface water. In 2013, the central government will allocate Rp 25 billion to construct two new PDAM treatment plants that can serve up to 10,000 household connections while on sanitation sector, Rp 1.8 billion was allocated for sanitation program plus 2 Sanimas in Kab. Karawang. In Kab. Bekasi, 8 new water treatment plants will be built until 2018 which will increase the coverage up to 27.4% and there are 7 Sanimas system built in 2013.

Activities

Water Supply Sector:

- Conducted visioning workshop on water supply and sanitation with local government of Kab Bekasi
- Conducted GIS training for PDAM and Bappeda Kab. Bekasi
- Facilitated a series of FGD for development of Business Plan with PDAM Kab. Bekasi
- Development of work plan for customer reclassification program with PDAM Kab. Karawang

Sanitation Sector:

- Facilitated FGD for setting up UPTD PAL with Dinas Kebersihan, Bagian Ortala dan Bagian Hukum Kab. Bekasi
- Supervised the construction of communal IPAL in Bukit Indah Pratama Kab. Bekasi
- Implemented monitoring of construction of Sanimas in Simpangan, Sukatani and Karang Bahagia villages in Kab. Bekasi

Plan for Next Quarter:

- Capacity building for KSM Sanimas in Simpangan, Sukatani and Karawang Bahagia and socialization for KSM Bukit Indah Pratama Kab. Bekasi
- Facilitation for development of organization structure, job description and responsibility of UPTD PAL Kab. Bekasi
- Facilitation for implementation of DAK SLBM 2012, 2013 and 2014 by Dinas Tata Ruang and Permukiman



Adri Ruslan/IUWASH West Java

Signing of Commitment Letter by SKPDs of Kab. Bekasi also witnessed by Deputy Bupati, H. Rohim Mintareja, S.Sos. "Particularly for PDAM, local government will increase its equity help increase the coverage upto 34% in 2018," he said in his remarks.

Partner Coordination:

- Dinas Tata Ruang and Permukiman Kab. Bekasi for implementation of DAK SLBM 2012-2014
- Dinas Kesehatan and Bappeda Kab. Bekasi for capacity building of KSM
- Dinas Kebersihan, Bagian Ortala and Bagian Hukum Kab. Bekasi for UPTD PAL set up
- Bappeda, Dinas Cipta Karya, BPLHD and Dinas Kesehatan Kab. Karawang for implementation of SPPIP/RPKPP program
- PDAM Kab. Bekasi and Kab. Karawang for development of Business Plan, GIS training and customer reclassification

WEST JAVA, Purwakarta District

Summary

Since 2012, Kab. Purwakarta joined the total 54 cities assisted by IUWASH. In 2012, only 68.86% of its total population 876,276 people has access to sanitation. The data from PDAM in December 2013, shows that piped water coverage is only 21.3%.

In order to achieve the MDGs target, local government is now assisted by PPSP to develop City Sanitation Strategy to better prioritize the program and budget allocation. In sanitation sector, local government through Dinas Kesehatan and Public Works are focusing their programs on STBM and SLBM/Sanimas while in water supply, a total of Rp 10 billion was allocated to support PDAM investment plan.

Activities

Water Supply Sector:

- Supported the development Business Plan with PDAM which is now in the final process of finishing the water supply demand projection
- Facilitated the development of plan for customer reclassification survey with PDAM

Sanitation Sector:

- Implemented triggering to pilot STBM program in two villates, Kel. Nagri Kidul and Kel. Nagri Tengah where nearly 90% of the houses discharged the human waste in Cimunjul River
- Facilitated integration of STBM and Sanimas program for the software and hardware package with Dinas Cipta Karya, Dinas Kesehatan and Puskesmas

Crosscutting Sector:

- Facilitated FGD and follow up discussion with local government institutions including Bagian Humas and Kaharti to pilot citizen engagement mechanism through the existing active media, such as website, SMS gateway, radio talkshow, quarterly bulletin and village level meeting

Plan for Next Quarter:

- Development of Business Plan with PDAM
- Implementation of customer classification survey
- Implementation of STBM triggering process in Kel. Nagri Kidul and Kel. Nagri Tengah
- Piloting CEM with Humas and Kaharti



Putri/Puskesmas Kec. Purwakarta

One of the triggering processes in Kel. Nagri Kidul RT 46-47RW 03, 25 of 32 families attended, expressed their interest to construct septic tank, individual or shared. "Most of the houses here have toilet inside, but because of the density it is difficult to find land to build a septic tank, the one option would be to share," said one of the community members.

Partner Coordination:

- Dinas Kesehatan for piloting STBM and hygiene promotion in Islamic boarding schools
- Dinas Cipta Karya for implementation of SLBM/Sanimas
- PDAM for development of business plan and customer reclassification survey

WEST JAVA, Bandung Districts

Summary

PDAM Kab. Bandung is now serving three different districts: Kab. Bandung, Kota Cimahi and Kab. Bandung Barat. In Kab. Bandung only 9.41% of total 3.4 million populations are served. PDAM uses mainly raw water from Cisangkuy (60%) and Citarum (22%) rivers. Due to land use changes for agriculture and farming activities plus pollution from domestic waste, the flow and quality in both rivers have decreased. In the sanitation sector, only 52.8% of the populations have access to safe sanitation facilities both on-site and off-site. One IPAL in Soreang with total capacity for 400 house connection is serving only 60 houses while two IPLTs are not fully functioning. Understanding the importance of increasing access to sanitation toward achieving the MDG target, PEMDA Kab. Bandung is now implementing several sanitation programs: PPSP for development of City Sanitation Strategy; SLBM, Sanimas and Pamsimas for community-based sanitation; This is inline with "Sabulungan RAKSA desa" program motto of the Mayor, which means working together to develop our city. RAKSA is also an acronym of Rumah, Air, Kakus, Sampah and Alam.

Activities

Water Supply Sector:

- Facilitated data collection and field observation for water supply vulnerability assessment with PDAM Kab. Bandung
- Conducted customer service training for 37 staffs from customer service, human resources and research and development departments of PDAM Kab. Bandung

Sanitation Sector:

- Facilitated a joint field observation to Batukarut, Sayati and Girimekar villages for pilot STBM locations
- Facilitated field observation to Bojongmalaka and Malakasari villages for piloting prototype technologies on vermibiofilter and modern trash bin of the two finalists of appropriate technology competition
- Developed the workplan for DED review of IPAL Soreang and optimization of 4 existing Sanimas systems in Cibiru Wetan, Cicalengka Kulon, Lagadar and Cigentur with Dispersasih

Crosscutting Sector:

- Conducted series of FGD for development of draft Perbup STBM with Dinas Kesehatan, Dispersasih, BPMPD and Bagian Ortala and draft Perbup RISPAM with PDAM, Bappeda and relevant other stakeholders, NGOs and community groups

Plan for Next Quarter:

- Finalization of raw water study for PDAM
- Development of DED Kertasari (2 x 500 lps) with PDAM
- Development of website for Dispersasih
- Development of Perbup STBM and Perbup RISPAM
- Facilitation the set up of UPTD PAL
- Review DED IPAL Soreang for optimization of house connections and supervision of SLBM/Sanimas program
- Implementation of STBM pilot project in 3 locations



Adri Ruslan/IUWASH West Java

Batukarut village in Arjasari district, most of the houses in this area discharge the human waste directly in the Citalugtug creek, a branch of Cisangkuy river

Partner Coordination:

- Bappeda, Dinas Kesehatan, Dispersasih and BPLH for implementation of pilot STBM
- PDAM for establishment of customer communication forum, DED development and raw water study
- Bapapsi for citizen engagement mechanism
- Bappeda, Dinas Kesehatan, Dispersasih, Setda, BPLH, Bapapsi, PDAM and community groups for development of Perbup STBM and Perbup RISPAM

DKI Jakarta

Summary

As the capital city of Indonesia, Jakarta is home to 10.2 million people. Despite having the biggest local budget of all cities and districts in Indonesia, the city faces the challenge of prioritizing its budget and policies to increase support for sustainable WatSan services. In Jakarta, half the population has access to piped water, but with high NRW levels. In the sanitation sector, only 2.3% of the population is connected to the sewerage system (IPAL-Setiabudi). From the master plan, 64% of the people use septic tanks that do not meet technical standards. This clearly violates PerGub No. 122/2005 regarding Wastewater Management that requires every house and institution to properly treat wastewater prior to discharge into a water body. As mandated by the new Perda No. 3/2013, PD PAL Jaya, the wastewater management company, is now responsible for providing a regular desludging service. Four trucks of various capacities are currently serving several pilot areas in Jakarta on a regular and on-call basis. Within a transition of 5 years, PD PAL Jaya will take over all the assets from Dinas Kebersihan, which includes the vacuum truck and the two sludge treatment facilities in Duri Kosambi and Pulo Gebang.

Activities

Water Supply Sector:

- Facilitated coordination meeting for potential master meter collaboration with ADB and Palyja, one of which is in Penjarangan, near the existing master meter location from ESP program

Sanitation Sector:

- Finalized construction activities and supervision for grant program shallow sewer system with PT Tessa Express (the contractor), PD PAL Jaya and Forkami in Karet Kuningan
- Coordinated potential program collaboration for construction of 10 Sanimas program under IDB in 2014 with BPLHD and Satker PPLP Jabodetabek
- Facilitated coordination meeting and preparation for socialization of Perda 3/2013 on the regular desludging with PD PAL Jaya
- Participated in the CSR forum with local government of Central Jakarta where IUWASH and Mercy Corps received an appreciation certification for their continues supports in water and sanitation improvement program
- Conducted pre-bid meeting and proposal evaluation for capacity building KSM Sanimas in Lenteng Agung with BPLHD

Plan for Next Quarter:

- Capacity building, monitoring and supervision of 4 IPALs construction in Lenteng Agung RW 09
- Socialization of Perbup 3/2013 and review/redesign existing promotion materials for regular desludging with PD PAL Jaya
- Field technical assessment and site selection for 10 Sanimas/IDB locations with BPLHD and Satker PPLP Jabodetabek



Harod Novandi/IUWASH West Java

IUWASH and field facilitators from BPLHD DKI Jakarta conducted construction supervision for the 5 small scale sewerage systems in Kel. Lenteng Agung RW 09. KSM Pangrango is also very active in coordinate the activities with partners.

Partner Coordination:

- BPLHD and Satker PPLP Jabodetabek for implementation of small scale sewerage program in Lenteng Agung
- Local government of North Jakarta and Central Jakarta for implementation of Sanimas/IDB program
- PD PAL Jaya, Forkami and PT Tessa Express for shallow sewer system in Karet Kuningan and for socialization of regular desludging Palyja and ADB for potential replication of master meter program

BANTEN, Tangerang District and Tangerang Selatan City

Summary

Kota Tangerang Selatan has a population of 1.4 million and an annual economic growth rate of 8.84% (one of the highest in Indonesia). 8 villages are categorized as sanitation high-risk areas and they will develop sludge treatment facility to serve 6.1% of its population. APBD for sanitation is one of the highest in Indonesia, at around 6.7% of the total budget of Rp 1.4 trillion but majority goes for solid waste and drainage. Kab Tangerang covers 865 km² (six times the size of Kota TangSel). PDAM Tangerang provides water for Kab & Kota Tangerang and Kota TangSel. It is difficult to increase coverage (now at 17%) due to its limited production capacity. PDAM Kab. Tangerang is now developing FS for SPAM Cibogo (500 lps) to serve around 40,000 house connections for 20 residential areas. As part of PEMDA commitment to implement the CSS, Kab. Tangerang allocates Rp 45.2 billion or 2.3% of total APBD in 2013 for community and school-based sanitation program.

Activities

Water Supply Sector:

- Conducted PHAST and hygiene promotion training for 3 KSMs master meter in Rajeg with Forkami and PDAM Kab. Tangerang
- Conducted survey to new location of SPAM Cisauk 2 in Cibogo and facilitated training and set up of customer communication forum with PDAM Kab. Tangerang
- Facilitated final review of RISPAM with DTKBP Kota Tangerang Selatan

Sanitation Sector:

- Conducted TOT for 150 facilitators for STBM replication in 30 villages with Dinas Kesehatan Kab. Tangerang
- Supported the construction of 19 school sanitation system including the launching for replication to 245 schools in Kab. Tangerang
- Provided supervision for CB sanitation systems in Teluk Naga and Kronjo under IUWASH grant programs with Forkami and BEST and conducted community mobilization and capacity building for KSMs of 4 IPALs in Kab. Tangerang
- Facilitated meeting between KPP-UMKM and water.org for collaboration on sanitation micro-credit and on the job training for mason of cooperative AKR in Kedondong village, Kab. Tangerang
- Facilitated cross visit for local government of Kota Tangerang Selatan to Tabanan and Badung to learn the sanitation institutional set up

Crosscutting Sector:

- Finalized draft Perbup for UPTD PAL set up in Kab. Tangerang

Plan for Next Quarter:

- Construction of one new master meter in Mekarsari, Kab. Tangerang
- Capacity building and development of AD/ART of Customer Communication Forum in Kab. Tangerang
- Close out of one grant program in Kronjo Kab. Tangerang with BEST
- Partnership between KPP-UMKM and water.org and between KSM Saga-Kedaung and BJB for micro credit sanitation in Kab. Tangerang
- Monitoring and supervision of the implementation of CBS, Sanimas, STBM and school programs in Kab. Tangerang
- Hygiene promotion training for facilitators in Kab. Tangerang
- Finalization of RISPAM and establishment of UPTD PAL Tangsel



Harod Novandi/IUWASH West Java

Samsudin (holding loud speaker), the head of IKK Bojong Renged (100 lps) explained to representatives of PDAM customers regarding the IPA operation starting from the intake in Cisadane River. "During dry season the waterflow is just insufficient, while during rainy season, we have to shut down the two pumps here because it's muddy. We have to switch on the one smaller pump at an intake in the irrigation canal, not very far from here," he explains the raw water condition in this area.

Partner Coordination:

- Satker PPLP Banten, PEMDA and Pokja. Tangerang for implementation of CBS, school sanitation, STBM & UPTD PAL set up
- PDAM Tangerang for FS & business plan & set up customer forum
- KPP-UMKM, AKR, KSM Saga-Kedaung, water.org and BJB for micro-credit sanitation PEMDA Tangsel for development of RISPAM & set up UPTD PAL

BANTEN, Serang and Lebak Districts

Summary

Serang has a population of 1.4 million and Lebak a population of 1.2 million. They face two similar challenges in the provision of water and sanitation access – low awareness of hygiene behavior, and low level of piped water coverage (11.4 percent in Serang and 7.8 percent in Lebak). In Serang, STBM programs are ongoing in 10 subdistricts, and 10 villages have been declared ODF. Access to adequate sanitation covers only 42.2 percent of the population, all with individual systems. Starting from PY3, IUWASH will provide full support in Lebak to both the water supply and sanitation sectors. Similarly, PEMDA Lebak has been active in implementing STBM triggering. So far only two of the 27 villages being triggered have been declared ODF. In both cities, IUWASH also promotes sanitation marketing to strengthen the entrepreneurship skills of sanitation staff and facilitators in order to promote simple and affordable sanitation products and technologies.

Activities

Water Supply Sector:

- Facilitated data collection to 20 spring and raw water sources as part of climate change vulnerability assessment with PDAM Kab. Serang
- Facilitated cross visit for 12 staffs of PDAM Kab. Lebak to PDAM Kab. Bandung for NRW reduction and billing-accounting system
- Conducted training customer service for 25 staffs of PDAM Lebak
- Facilitated development of business plan for debt restructuring of PDAM Kab. Lebak and development of feasibility study CIBAJA submitted to LG for loan through Perpres 29/2009, now waiting for DPRD approval

Sanitation Sector:

- Facilitated workshop appropriate technology to increase wat/san access with Pokja AMPL for 101 participants from SKPD, camat, Puskesmas and community cadres in Kab. Serang
- Participated in annual program evaluation with Pokja AMPL Serang
- Conducted monitoring and supervision for the implementation of sanitation micro credit with sanitarian and Dinkes, an additional 32 new sanitation accesses were installed in 4 villages in Kab. Lebak
- Conducted proposal evaluation and final negotiation meeting with one potential grantee for SMS Margasana program in Kab. Serang

Crosscutting Sector:

- Facilitated series of FGD for establishment of UPTD PAL Kab. Serang and assisted the development of draft Perbup 37/2013 that was approved and signed on October 9

Plan for Next Quarter:

- Establishment of customer communication forum with PDAM Kab. Lebak and Kab. Serang
- Finalization of climate change vulnerability study for Kab. Serang
- Facilitation of MoU between cooperative AKR and PDAM Lebak and Serang for water supply micro credit
- Study for upgrading IPA Rangkasbitung and NRW reduction with PDAM Kab. Lebak
- Finalization of business plan with PDAM Kab. Lebak
- Implementation of sanitation and school based sanitation program in Margasana (grant program) in Kab. Serang
- Development of academic paper for UPTD PAL set up in Kab. Lebak

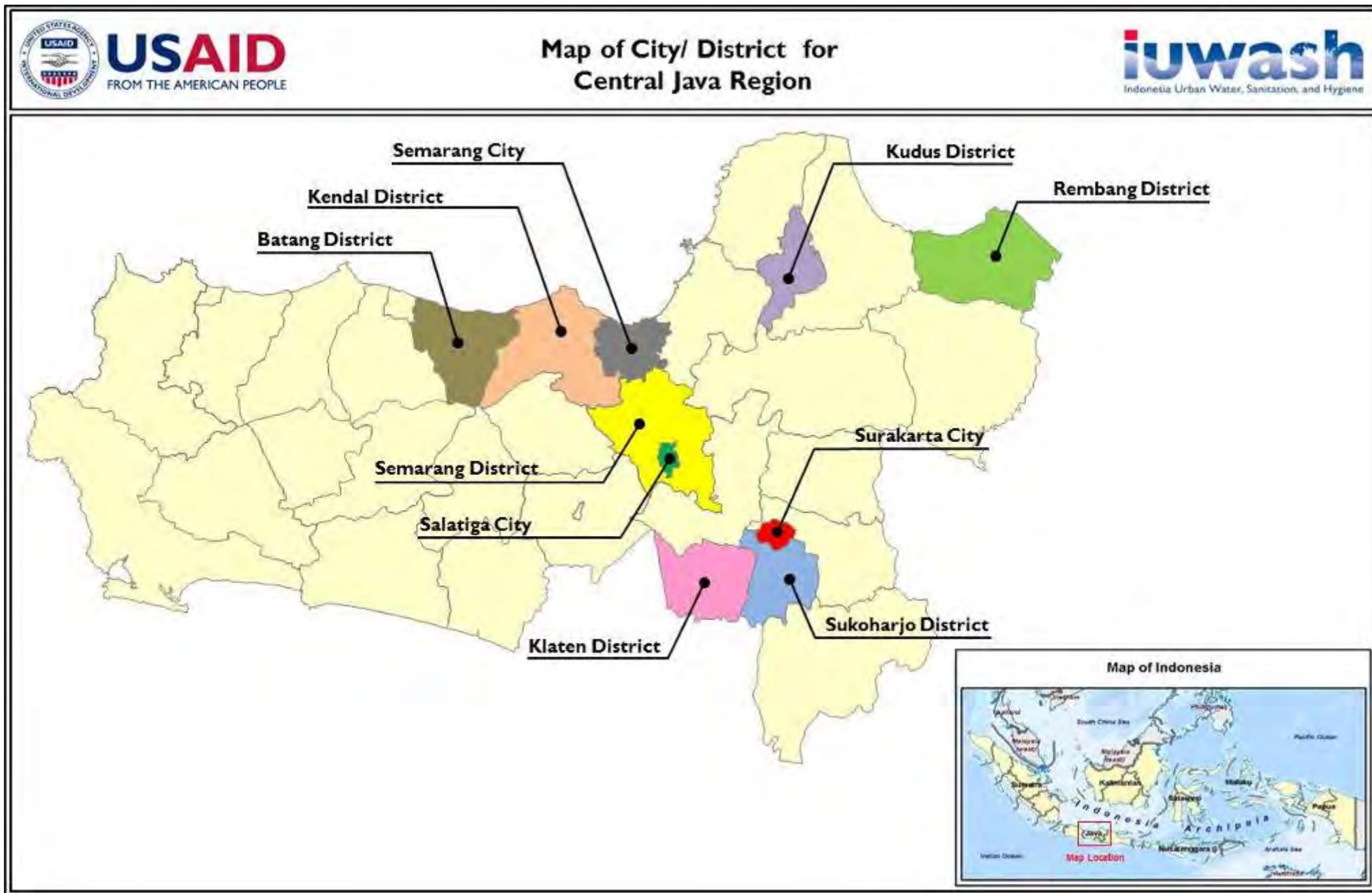


Suhaemi Abbas/IUWASH West Java

IUWASH facilitated an advocacy meeting on November 12 with DPRD Kab. Serang for new PDAM investment plan through loan subsidy Perpres 29/2009.

Partner Coordination:

- Pokja, PEMDA Serang and Lebak for STBM and sanitation marketing /micro-credit
- Bappeda, Dinas Cipta Karya, Dinkes, Bagian Hukum dan Ortala, Dinas Kebersihan Kab. Lebak for UPTD PAL set up
- DTRBP Kab. Serang for capacity building Sanimas and construction of IPAL AusAID
- PDAM Kab. Lebak for upgrading IPA, business plan, establishment of customer communication forum and micro credit
- PDAM Serang for PPP, NRW reduction and water supply vulnerability assessment



Section 4.3

CENTRAL JAVA

Summary

With a total population of 32,380,687 (based on BPS preliminary data for 2010), Central Java is the third most populous province in Indonesia after West Java and East Java (which lie on its western and eastern borders). 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 government leaders and water utility managers, 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 five municipalities and in PY3 IUWASH widened the area of support with five more locations. Mayors from all cities/districts formally signed agreements with IUWASH on joined action plans, but several cities signed the agreement just in the last quarter of PY3. This situation did not slow progress with the respective municipalities, as the delayed signings were principally due to the requisite legal review process as opposed to an absence of mayoral commitment. Thus, the total number of PDAMs supported by IUWASH in Central Java Province has now reached ten.

Entering PY4, IUWASH Central Java assistance to 10 PDAMs are continued to improved PDAM services through development of PDAM capacity both technically and financially. Three PDAMs (Kab Kudus, Batang and Kota Salatiga) have received Award 2013 by PERPAMSI as the best performance PDAM in category under 30.000 connections. IUWASH believed that these achievements were partly supported through IUWASH programs such as implementation and replication of NRW reduction, Business Plan and SOP. Another support to PDAM partners is in raw water conservation program through development of Climate Change Adaptation Program for Kab Kudus and start to conduct survey for Climate Change Vulnerability Assessment in Kab. Batang.

In Sanitation sector especially for this quarter IUWASH Central Java has focused on expansion of individual sanitation system in cooperation with PNPM Mandiri Perkotaan and Dinas Kesehatan. Up to December 2013, a significant achievement has taken place in Kab Rembang and Kab Sukoharjo with new access of over two thousand households. Main activities conducted during this quarter for supporting the development of individual sanitation system consisting of training on construction of individual toilet that fulfill the requirement of the National Technical standard (SNI) and promotion of sanitation business to local SME and other institutions. These activities are conducted in Kota Surakarta, Kab Sukoharjo, Kab Rembang and Kab Kudus.

In Cross Cutting Sector, the focuses of IUWASH Central Java this quarter was in developing the policies supporting UPTD development in Kota Semarang, Kab. Sukoharjo and Kab. Rembang. The to-date progress is mostly in drafting the regulation on task and responsibility (TUPOKSI) of the institution managing the waste water system in these cities. Another highlight this quarter is conducting the advocacy to the Local Government of Kudus and Sukoharjo districts to put the improvement of sanitation sector become the priority of the Local Government especially on supporting the poverty alleviation in the cities.

Success Stories

Success Story in Water Supply Sector

Successful Trial in Energy Efficiency Measures in Surakarta City

Electricity is one of the largest operational cost components of water utilities. It may take around 30-40% from water utility's operational cost, though it depends on type of water supply system used. Therefore, energy efficiency audit becomes an important effort to improve financial performance of water utilities.

The Water Utility of Surakarta City uses pumps to run its water supply system, which require a lot of power. Thus, USAID IUWASH facilitated Surakarta Water Utility to conduct a study and training on energy efficiency audit in 2012.

The study resulted in some recommendations, i.e. replacing old pumps with low efficiency such as deep well pumps in Jurug, Banjarsari, Manahan, and Jebres II; scheduling pumps operations outside peak hours; maintaining and repairing pumps regularly; continuing energy efficiency audit to all pumps.

By fiscal year 2013, the water utility has implemented many recommendations of the energy efficiency audit in 2012, such as installing a deep well pump in Jurug and Karangasem with 25 liters per second capacity each, rescheduling pump operations outside peak hours in Jurug; installing tower crane tool in Karangasem to save time during motor pumps repairs; and regular maintenance and repairs. The water utility also has done energy efficiency audit on their own to solve problems and find good strategies to save energy.

Surakarta Water Utility put variable speed drive—a piece of equipment that controls the speed and rotational force of an electric motor—to test and used them in water pumps for a week. The result, electricity voltage and power were reduced to 15-20%, which impact was reduced power bill to Rp 5-7 million per month for each equipment installed. The utility also tested the use of capacitor bank to improving voltage conditions. This equipment has reduced power factor penalties due to power losses to around Rp 15-20 million per month. Having seen these successes in energy saving and power bill reduction, Surakarta Water Utility planned to buy three units of pumps, two units of variable speed drive, and capacitor banks.

Maryanto, Technical Director of Surakarta Water Utility said, "We don't always have to replace pumps to save energy. There are other more efficient ways."

At present the utility has taken efficient steps to ensure energy efficiency through scheduled pumps operations at Jurug Water Treatment Plant by shutting down several pumps outside peak hours at 12:00-14:00 and at midnight. These steps did not require any investment cost and has proven to be effective.

The utility understands that replacing pumps and buying supporting equipment to ensure energy efficiency are costly investment. However, several measures described above has given very good results and motivated the Water Utility of Surakarta to find better strategies to improve their financial performance through energy efficiency.



IUWASH Central Java

The Head of Production of Surakarta Water Utility checks on Water Treatment Plant in Jurug during pumps shut-down outside peak hours.

Success Story in Sanitation Sector

The head of Batang District's decree revitalized sewage treatment plant



IUWASH Central Java

Left to Right: Ketut (Head of Bappeda), Retno (Head of legal and organization Department), Nasikin (District Secretary) of Batang District during study visit in Makassar, 22 August 2013 yang lalu.

The Sewage Treatment Plant (IPLT) Randu Kuning in Batang District has not been functioned in the last three years due to some leaks on its treatment ponds.

"We are expecting that IUWASH will be able to help in revitalizing the IPLT Randu Kuning." said Subiyanto, the Head of Human Settlements Department (Cipta Karya), Spatial Planning and Mineral Energy Resources Office of Batang District.

In an effort to find the best solution to revitalize the IPLT Randu Kuning, IUWASH then conducted a range of discussions with the Human Settlements Department, Regional Development Planning Board (Bappeda), and the Environmental Health of the Housing Development Working Unit (Satker PPLP) of Central Java Province.

As the result, the central government through Satker PPLP of Central Java would provide Rp 1 billion financial support to revitalize Randukuning sewage treatment plant for 2014 fiscal year. However, Batang District should meet several requirements to access the budget. For example, a letter of interest from the head of district, the readiness of land, UKL/UPL document, the district commitment to fund the operations and maintenance costs, and establish the wastewater management unit.

To meet one of the requirements, IUWASH encouraged Batang District to immediately establish the Regional Technical Implementation Unit (UPTD) which will serve as the operator of district sanitation facilities, including the sewage treatment plant. As part of capacity building, IUWASH also invited the regional secretary, department of human settlements (Cipta Karya), and the department of legal and organization of Batang District to visit and learn about wastewater management in UPTD Makassar, South Sulawesi.

"After the study visit to Makassar, we hope to establish our UPTD and immediately allocate district funds for necessary expenses." said Nasikin, the Secretary of Batang District.

Following the study visit, the division of legal and organization of Batang District then drafted a Decree No. 54 Year 2013 on the establishment of Regional Technical Implementation Unit (UPTD) of Health, Waste and Sludge Management Installation under the Department of Human Settlements which was released in October 25, 2013.

"I hope with this UPTD establishment, we will be able to focus on managing the IPLT Randu Kuning." said Safi'i, the Head of Health Section at Department of Human



Settlements of Batang District which will soon begin preparing the job descriptions for the UPTD.

IUWASH committed to help in drafting the main duties and functions of the UPTD based on the decree.

The Batang District has succeeded to legalize the establishment of UPTD through the head of district's decree. The decree is also sort of the hardest regulation to obtain funding from the central government which accessed by the Environmental Health of the Housing Development Working Unit (Satker PPLP) of Central Java Province to revitalize the IPLT Randu Kuning.

Regional highlights by sector

Regional Highlights in the Water Supply Sector

One of the significant achievements on the IUWASH activity this quarter is the establishment of SOP (Standard Operating Procedure) of 4 PDAMs (Kabupaten Kendal, Batang, Semarang, and Kota Salatiga) which in average consist of 45 SOPs on administration and finance. Through the implementation of the SOP, the PDAM systematical operational and management performance will greatly improve, which will subsequently improve the services to the community.

The implementation of PDAM Business Plan, Energy Efficiency/Audit, and NRW reduction replication program has continued as well in PDAM Kudus where NRW was reduced up to 5% this year (from 32% to 27%). Energy Audit in PDAM Surakarta also gain a significant advantage.



IUWASH Central Java

One of FGD conducted to support the development of PDAM SOP in Kab. Batang which is held in out of PDAM office in order to be more focus and effective

This summary of program highlights this quarter in the water supply sector is divided into two parts: Anchor Site and other program highlights.

Anchor Site #1: Capital Expenditure Finance to Expand Connections for PDAM Kendal District.

Assuring Long term finance through Perpres 29 mechanism in PDAM Kab Kendal for development of new water supply system with raw water from Springs (Wilodo, Kenci, Brebes, Kencen and Dlimas). By end of this quarter PDAM Kab Kendal was waiting for the Raw Water exploration Permit (SIPA). Originally the SIPA would have to be provided by Provincial Office of Water Resources Management (Dinas SDA Propinsi), however based on the recommendation from IUWASH and the Legal Division of PEMDA Kendal, the SIPA can be provided by SDA Kab Kendal. PDAM Kendal and IUWASH also conducted (informal) lobbying to Province SDA and BBWS (*Balai Besar Wilayah Sungai*) to maintain the budget commitment as described in the feasibility study could be implemented as planned.

Other program highlights of the water supply sector:

- Implementation assistance of Audit Energy recommendation in PDAM Kudus which implemented several programs as: replacing well pumps (Cendono-1 from 11 Kw to 5,5 Kw; in PK-6 from 11 Kw to 5,5 Kw and in Cendono-5 from 13 Kw to 5,5 Kw); cleaning pipeline in Cendono-2; pump operational management and implementation on scheduled maintenance and repair. Those

activities have resulted in reduction of energy consumption up to < 0.5 kwh/m³ which in the coming months should result in lower operational cost for PDAM.

- Assistance to implementation of Audit Energy in PDAM Surakarta (see the Success Story above)
- Improve the PDAM Batang staff capacity through classroom and on-the-job trainings for all 106 staff to boost both knowledge and motivation. Training topics included: customer relation and PDAM customer forum, GIS program for PDAM and sales promotion of Micro Credit Program.
- Tariff adjustment assistant in PDAM Kab Batang, currently in the finalization phase, with the public consultation as well as meeting DPRD regarding tariff adjustment plan already done.
- Debt restructuring of PDAM Kab Rembang has achieved significant progress by the enactment of Perda No. 4 tahun 2013 on PDAM equity fund to pay the remaining debt of PDAM. By having this arrangement, it is expected that all the remaining debt will be paid by end of 2014.
- Assisted on Long Term Finance through Perpres 29 for development of Semanggi WTP of Kota Surakarta. This is currently in proposal finalization phase and already consultation with provincial Satker Air Minum has taken place; next step is to announce it in the DPRD final Meeting.

Regional Highlights of Sanitation Sector

In this quarter IUWASH focused to expand access of individual sanitation system through supporting the increased capacity of sanitation entrepreneurs (SME) in technical and management aspects. The events involved Sanitarian and Dinas Kesehatan as well as intense cooperation with PNPM Mandiri Perkotaan Propinsi Jawa Tengah, which resulted in PNPM Mandiri increasing their budget for sanitation program very significantly. The activities supporting individual sanitation system this quarter are implemented in Kota Surakarta, Sukoharjo, Rembang and Kudus. During this quarter, the option to increase individual sanitation systems through Micro Credit was also introduced.

The summary of program highlights this quarter in the Sanitation sector are divided into two parts: Anchor Site and other program highlights.

Anchor Site #1: Development of City Sanitation (Kota Sanitasi) of Kota Surakarta.

- Regular desludging/ Sitem Layanan Lumpur Tinja (SLLT) is still in trial preparation on the fecal desludging. There have been some delays in the implementation because the access road to the IPLT still being repaired and will only be completed by end of 2013, therefore the trial has been postponed until the beginning of 2014.
- Fecal Sludge Treatment Plant (IPLT) Putri Cempo in Kota Surakarta is located in the same area with city landfill (TPA). The access road to the IPLT is often blocked by the garbage so the Sludge collection trucks cannot enter the IPLT. IUWASH suggested to PEMDA to take immediate action to solve this problem resulting in Dinas Kebersihan already allocating 600 juta rupiah for the restoration of road in TPA included the IPLT access.
- Grant Program of communal septic tank in Kampung Semanggi is still on going, with the septic tank build with public Latrine (MCK) of 5 doors. Currently LPTP, as grantee, is preparing the sewage pipeline network for 50 connections and the pipeline network for water supply through master meter for 100 connections.



Other program highlights of the Sanitation sector

- Advocacy for sanitarians has been widened from communal sanitation focus to the individual sanitation, especially for 5 cities: Kota Semarang, Surakarta, Rembang, Kudus and Sukoharjo. The program is in collaboration with PNPM Mandiri Perkotaan as a strategy to increase access to the individual sanitation for poor community (MBR). After intensive training and coaching by IUWASH staff PNPM Mandiri staff estimated that 1,372 individual sanitation systems were built in Rembang are 1.372 units, and 939 in Sukoharjo. In the coming quarter IUWASH local team will verify this and conduct quality control if the construction is in accordance to SNI standards.
- Other approach is through micro credit mechanism, however this is only run in Kota Semarang and up to December the individual sanitation developed through micro credit mechanism are 30 units. The local government through Dinas Kesehatan Kabupaten Kudus also provided stimulant fund for 25 households as pilot healthy latrine (Jamban Sehat).
- Seven (7) sanitation entrepreneurs (SME) in Kota Semarang, Kudus and Rembang participated in training on individual sanitation construction/ septic tank. Those SME were introduced to the standardized septic tank (SNI). These events are all done in cooperation with Dinas Kesehatan;
- 43 households agreed and started to pay the fee of Rp. 3000 per month for maintenance of the communal septic tank in Kaliwungu, Kab Kendal, which has been built under IUWASH grant. The payment of monthly fees (iuran) is a good indicator of community awareness for sanitation services and will guarantee the communal septic tank sustainability.
- IUWASH conducted coordination meeting with sAIG Kota Surakarta on providing support to the development of new connections to the sewerage system.
- IUWASH regional team also conducted activities on optimizing the IPLT in Kota Surakarta, Kota Salatiga and Kota Semarang.

Regional Highlights in Crosscutting Sector

The implementation of program activities under Cross Cutting Sector this quarter focused on supporting improved access in the water supply and sanitation sectors. The programs implemented this quarter covered several activities such as development of Citizen Engagement Mechanism (CEM), policy development and advocacy to Local government to put priority for water supply and sanitation sectors. The advocacy activity was mainly done to ensure funding availability to support the development of facilities of these sectors. Detailed activities conducted under this sector are summarized as follows:

- IUWASH is encouraging Pokja AMPL in several cities to establish an institution to manage city sewage including collection and treatment of sludge. This effort is much needed because most IPLTs are not operating and some cities even do not have IPLT yet as Sukoharjo and Rembang. IUWASH connected these with Satker PPLP Jawa Tengah and is lobbying to include IPLT in the list to get APBN funding, plus for Batang the rehabilitation of existing IPLT. Because the existence of sanitation institution is one of the readiness criteria to get the APBN funding, IUWASH assisted Rembang, Sukoharjo and Batang to establish the institution (UPTD) and the first one has been officially formed by Peraturan Bupati Kabupaten Batang in December 2013
- IUWASH is also supporting Kota Semarang with improving waste water management; Kota Semarang already has an existing UPTD, but it is only covering operation of the IPLT, not sludge collection nor oversight of all communal systems. In this quarter IUWASH team explored options to either include these functions with the existing UPTD or to promote a second one. In the next quarter will increase dialog with PEMDA to find the best solution.
- The advocacy for regulation in Klaten is supporting PDAM customer reclassification, while the regulation in Batang is focusing on organization and staffing of PDAM Batang.
- IUWASH team also conducted workshop on result of KAP Survey supported the development of Citizen Engagement Mechanism (CEM) in Kabupaten Kudus and also supported on development of CEM in Kabupaten Rembang, Batang, Sukoharjo dan Klaten.

Progress in other Grant programs:

- The implementation of Establishment of Customer Forum for 6 PDAM started as well as the community STBM triggering Grant Program in 6 Kota/Kabupaten to support sustainable sanitation development.
- Another progress is kick off meeting of Grant Program on development of communal septic tank in Kampung Jomblang Kota Semarang, implemented by Yayasan Gita Pertiwi.

Upcoming events

Event Title	Date	Type of Event	Venue
Audience with Sekda Kendal regarding establishment of UPTD	January 9, 2014	Workshop	Sekda Kendal office
Promotion on off-site Sanitation	January 15, 2014	Socialization	Kota Surakarta
Audience with Mayor of Surakarta on IPLT and SLLT	January 17, 2014	Workshop	Walikota Surakarta office
Training SME Business Management for Sanitation	January 8 – February 20	Training	Kota Semarang, Kudus Rembang, Sukoharjo
GIS training for 10 PDAM	January 20-24, 2014	Training	Surakarta
Workshop on SOP of CEM	January 20-24, 2014	Workshop	Sukoharjo, Klaten, Kudus, Kota Semarang

Event Title	Date	Type of Event	Venue
Customer Satisfaction Survey (SKP)	January 20-30, 2014	Survey	PDAM Kota Surakarta
Film making of Sanitation Promotion	February 4, 2014	Development of Promotion Material	Kota Surakarta
Establishment of UPTD Duties and Functions (Tupoksi)	February 6, 2014	FGD	Kabupaten Batang
	February 19, 2014		Kabupaten Rembang
Comparative Study on Replenish Water to Nature Program / infiltration Wells	February 24-27, 2014	Study Tour	Mojokerto
Budget Arrangement with Gender Responsiveness	February 25, 2014	Workshop	Kabupaten Batang
Microcredit Marketing Service Provider	February, 2014	Socialization	PDAM Kab. Sukoharjo PDAM Kab. Klaten
Training on NRW reduction applications 5 PDAMs	March 3-7, 2014	Traning	Magelang
Training urban sludge management for UPTD/IPLT	March 19-20, 2014	Training	Kota Salatiga

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 one page cluster reports. These reports are easy tools to track the achievements of the program in each city.

The cluster reports for this quarter are divided as follows:

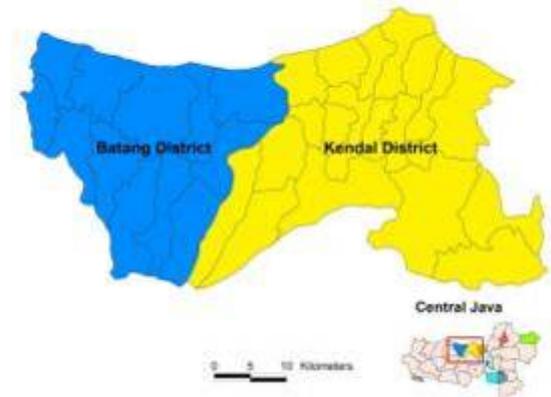
- Kab Kendal and Kab Batang
- Kab Kudus and Kab Rembang
- Kota & Kab Semarang and Kota Salatiga
- Kota Surakarta, Kab Sukoharjo and Kab Klaten

Central Java, Kendal and Batang Districts

Summary

Kendal District is 30km west of Semarang City, with a population of around 900,000 people. The PDAM has 46,000 connections and service coverage of 24 percent. PEMDA Kendal has a strong commitment to increase water supply access. Kendal already has a Pokja AMPL to develop a citywide sanitation strategy and Regional Action Plan; this is expected to provide strong support for increased access to improved sanitation services.

Batang District is 80 km from Semarang City. It has a population of 710,423 people (BPS 2010). With 30,537 (Nov 2013) connections, the PDAM service coverage in Batang District is 68 %. Batang district already has a Pokja AMPL and sanitation documents including the BPS and SSK.



Activities

Water Supply Sector:

- Study Optimization and Evaluation on Distribution Network of PDAM Kab. Batang
- Customer Forum establishment program in Kab. Batang
- Climate Change Vulnerability Assessment (CCVA)

Sanitation Sector:

- Advocacy on Establishment of UPTD Waste Water in Kabupaten Batang and Kendal

Cross Cutting Sector:

- Advocacy to DPRD on PERDA Equity through Perpres 29
- Advocacy on Perbup change SOTK PDAM Batang

Grant Program:

- Conduct monitoring and evaluation visit to communal septic tank development in Kendal. 43 households started to pay monthly fee for the maintenance of the facility.

Plan for Next Quarter:

- Climate Change Vulnerability Assessment (CCVA) Kab. Batang
- Training on GIS of PDAM Kendal and Batang
- Development of GIS in PDAM Kab. Kendal
- Establishment of UPTD Waste Water
- FGD on APBD allocation for water and sanitation program
- Workshop on planning and budgeting of water and sanitation sector in Kab. Batang
- Survey on behavioral change monitoring in Kab. Kendal



IUWASH CENTRAL JAVA

Communal Septic Tank Monitoring to finalize Grant Program at Kampung Ngaglik, Kaliwungu Kendal.

Partner Coordination:

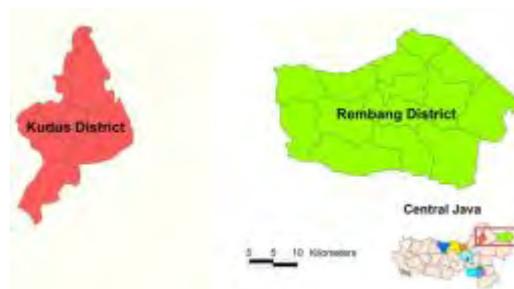
- PDAM Kab. Kendal and Batang for several capacity building, GIS and study on CCVA
- Bappeda Kab. Kendal and Batang on supporting the UPTD development
- CV. Damar Kumala on Study Optimization and Evaluation of PDAM Distribution Network
- Dinas Cipta KaryaTata Ruang dan Energi Sumber D, DKK and BLH Kab. Kendal for establishment of IPLT

Central Java, Kudus and Rembang Districts

Summary

Kudus District is 50 km east of Semarang City, with a population of 800,000. PDAM Kudus has 28,851 connections and service coverage of 18.5%. Currently the PDAM is facing a raw water supply problem, with all production units being deep wells. PEMDA has committed to increasing water supply access. Kudus is also receiving USRI support, including up to 50 communal sanitation systems through 2014.

Rembang District is 110 km west of Semarang City. It has a population of 591,617 people (2010). PDAM Rembang has 17,140 connections and coverage of 21.6%. Rembang has a Pokja AMPL and sanitation documents including BPS and SSK, MPS and RAD AMPL. Rembang is also receiving USRI support for 43 communal sanitation facilities and will also build four such facilities under the SLBM program in 15 locations.



Activities

Water Supply Sector:

- Study on Evaluation and Optimization of Distribution Network of PDAM Kab. Rembang
- Development Asset Risk Matrik (ARM) and Adaptation Matrix on Climate Change Vulnerability Assessment of PDAM Kab. Kudus
- Training on Cutomer Forum of PDAM Kab. Rembang
- Implementation of Marketing for new connection with Microcredit in PDAM Kab. Rembang.

Sanitation Sector:

- Trigering and Socialization of Individual Sanitation with PNPM Mandiri Perkotaan in Rembang and Kudus
- Workshop SME on Sanitation in Rembang and Kudus
- Training on building healthy individual latrine according SNI for Sanitation SME in Rembang and Kudus

Cross Cutting Sector:

- Development Regulation on Sanitation institution (UPTD) establishment in Rembang
- Advocacy on aranging APBD in sanitation sector to support Sanitation institution (UPTD) in Rembang
- Workshop of CEM in Kab. Kudus

Plan for Next Quarter:

- Finalization on Evaluation and Optimization of Distribution Network of PDAM Kab. Rembang
- Workshop on CCVAAP with PDAM Kab. Kudus
- Eshtablishment of Customer Forum of PDAM Kab. Rembang
- Implementation of Marketing for new connection with Microcredit in PDAM Kab. Rembang.
- Training on GIS of PDAM
- Training on NRW reduction of PDAM



IUWASH CENTRAL JAVA

Audieny with Sekda Kab. Rembang on establishment of sanitation institution (UPT Air Limbah).

Partner Coordination:

- Bappeda Kab. Rembang and Kudus on Regulation development for UPTD
- PDAM Kab. Rembang on study evaluation and optimization Distribution Network of PDAM
- PDAM Kab. Kudus on study CCVA
- Dinas Kesehatan and PNPM-MP Rembang and Kudus to increase access for Individual Sanitation
- USRI on develop sanitation access with Communal System

Central Java, Semarang City, Semarang District and Salatiga City

Summary

Semarang City has a population of around 1.6 million. The PDAM has 140,000 connections with 57% coverage. The NRW rate is around 50%, forcing the PDAM to focus on an NRW reduction plan. Semarang city will receive support from USRI, including 31 communal sanitation systems in 2013.

Semarang District is south of Semarang City, with a population of around a million people. The PDAM has 25,178 connections with 16.1 % coverage. IUWASH will support the Pokja AMPL in strengthening the PPSP program.

Salatiga City is 30 km south of Semarang City, with a population of 171,327 (2010), while the PDAM has 26,000 connections (64% coverage). Salatiga City already has most of the sanitation documents ready, including the BPS and SSK.

Activities

Water Supply Sector:

- Pre-bid Meeting on GIS Development of PDAM Kab. Semarang and Kota Salatiga
- Pre-bid Meeting on Customer Forum of PDAM Kab. Semarang and Kota Salatiga
- Kick-Off Meeting on Water Replenishment Program of Kab. Semarang and Kota Salatiga (collaboration with Coca-Cola Foundation Indonesia)
- Pre-Bid Meeting on Evaluation and Optimization of Distribution Network in 4 PDAM

Sanitation Sector:

- Workshop on result of KAP Survey for CEM of Kota Semarang
- Training on building healthy individual latrine according SNI for Sanitation SME in Kota Semarang
- Pre-bid meeting Customer Forum establishment in PDAM Kota Semarang
- Kick-off meeting Communal Septic Tank Grant Program in RW 11 Kel. Jomblang Kec. Candisari Kota Semarang.

Crosscutting Sector:

Training on STBM Advocacy in Kota Salatiga

Plan for Next Quarter:

- FGD Implementation/Replication of NRW Reduction Program in 4 PDAM
- GIS Development of PDAM Kab Semarang and Kota Salatiga
- Energy Efficiency Implementation in PDAM Kota Salatiga
- Expose CCVAAP SKPD Kab. Semarang and Kota Salatiga
- Assessment on Individual Sanitation for Marketing Program Capacity Building of UPT IPLT Salatiga



IUWASH CENTRAL JAVA

Technical Training on Building Septic Tank according SNI especially in shallow ground water area.

Partner Coordination:

- PDAM Kota Semarang on customer forum development
- PEMDA Semarang, Yayasan Gita Pertiwi, on Communal Septic Tank in Jomblang
- DinKes, Sanitarian Kota Semarang, entrepreneurs, CV on training construction improved latrine
- PEMDA PDAM, BPBD, Bappermas, SPEAK Indonesia on workshop on the result of KAP survey for CEM Program
- Coca Cola Foundation Indonesia and SPPOT on implementation of Water Replenishment Program

Central Java, Surakarta City and Sukoharjo and Klaten District

Summary

Surakarta City has 503,974 population. The PDAM has 58,154 connections with 78.44% service coverage. IUWASH plans to assist PDAM Surakarta monitoring its business plan. Surakarta sewerage system only uses 50% of its capacity.

Sukoharjo District has 851,157 population. The PDAM has 17,337 connections with. The water utility service only covers 12,22% of the population. It has three community-managed wastewater treatment plant. IUWASH plans to assist with study optimization and evaluation on distribution network, sewage treatment system advocacy, improve capacity of USRI facilitators, facilitate water and sanitation working group.

Klaten District has 1,313,914 population. The PDAM has 34,480 connections with. The water utility service only covers 18.36 % of the population. The water utility continuously seeks new sources of raw water supply. Sewage treatment system is not used and only 52% population own toilets. IUWASH plans to assist with study optimization and evaluation on distribution network, improve financial, administration and technical capacity of local water utility, capacity improving of USRI facilitators.



Activities

Water Supply Sector:

- Conduct FGD on feasibility and financial projection of PDAM Kota Surakarta regarding Prepres 29 for Semanggi WTP
- FGD Sales promotion of micro credit for Sukoharjo and Klaten
- Finalization DED master meter in 'Kampung Sanitasi' Surakarta
- Assessment Program Customer Participation Facilitation for PDAM Sukoharjo and Klaten District

Sanitation Sector:

- FGD on preparation of pilot program on Regular Desludging system (SLLT)

Crosscutting Sector:

- FGD on customers reclassification in PDAM Klaten
- FGD on UPTD establishment in Kabupaten Sukoharjo and Klaten
- FGD Improving Sanitation through Microcredit for Individual Latrine in with Dinas Kesehatan Kabupaten Sukoharjo
- Workshop on Sanitation business for SME to Improve Sanitation access in cooperation with Dinas Kesehatan Kabupaten Sukoharjo
- Workshop on prioritizing sanitation sector for poverty reduction (with PNPM Mandiri Perkotaan Kabupaten Sukoharjo)

Plan for Next Quarter:

- Study on optimization and evaluation on distribution network for PDAM Sukoharjo and Klaten District
- Training and cross visit related with NRW program for PDAM Sukoharjo and Klaten District
- Training GIS for PDAM Surakarta, Sukoharjo and Klaten District
- Advocacy to DPRD on PERDA for PDAM Equity by Perpres 29
- Prepare of SK on Sewerage Tariff and Regular Desludging (SLLT)
- Workshop on Increasing Planning & Budgeting for Sanitation
- Development CEM on Water supply and Sanitation services Gender mainstreaming in water supply and sanitation development budgeting



IUWASH CENTRAL JAVA

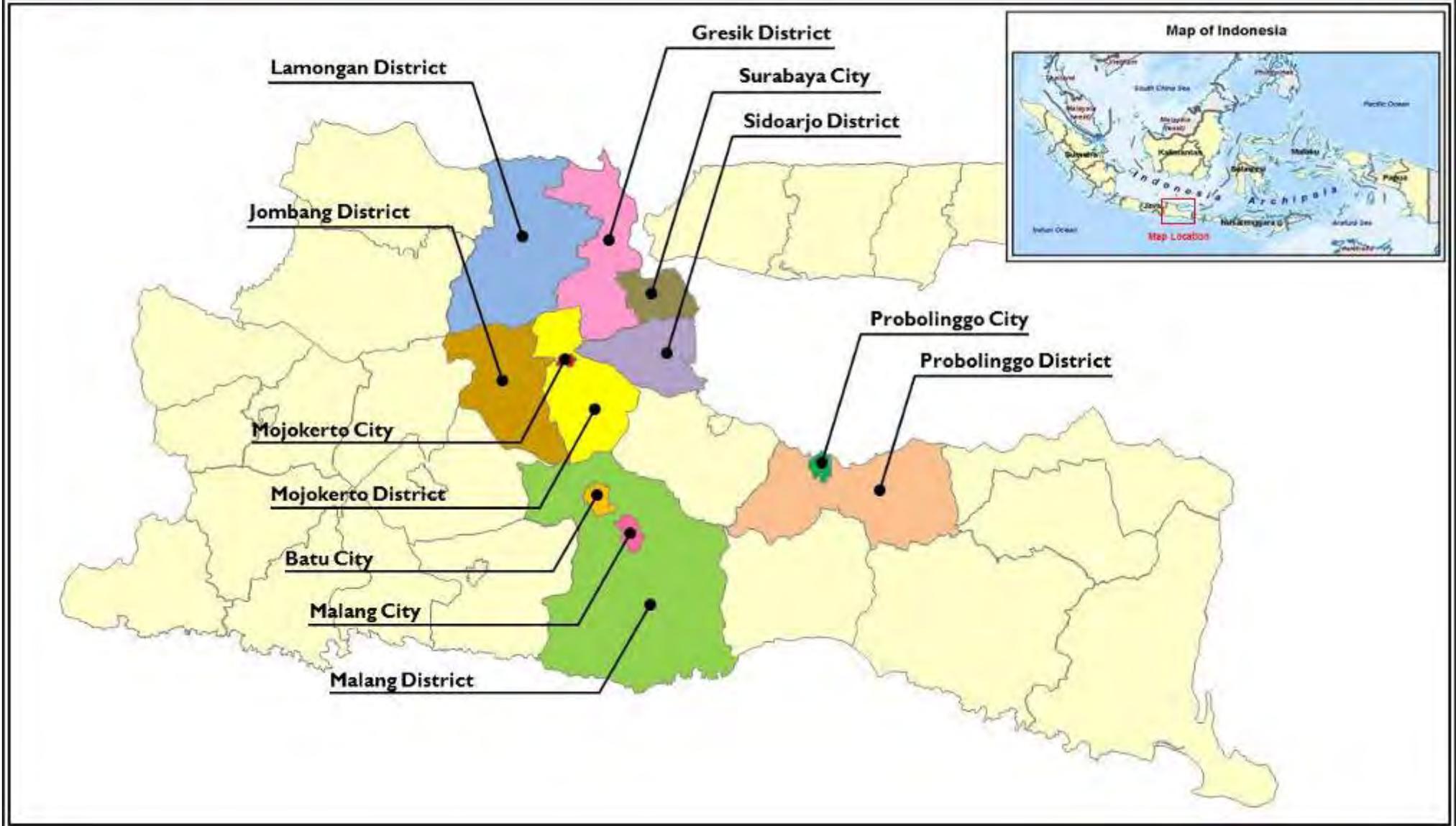
FGD on Regular Desludging (Sistem Layanan Lumpur Tinja Terjadwal) Surakarta City.

Partner Coordination:

- PDAM Sukoharjo and Klaten on Study optimization distribution network, NRW reduction and GIS Program
- PDAM, Bappeda, DPU Kota Surakarta and LPTP Surakarta on grant program of 'Kampung sanitasi' included Master Meter
- Bappeda Kab Sukoharjo and Klaten on UPTD establishment
- DKK Kab Sukoharjo and PNPM MP on improve access to Individual Sanitation



Map of City/ District for East Java Region



Section 4.4

EAST JAVA

Summary

East Java is the second largest province in Indonesia, with a population of 41,437,769 people (December 2012 data) spread across 29 districts and nine cities. The respective PEMDAs and PDAMs are committed in supporting IUWASH programs, as can be seen from the many programs implemented in PY2 and PY3, some of which will be continued in PY4. IUWASH East Java is working with 12 cities divided into six clusters. All cities receive full support from IUWASH, but programs for Surabaya and Kota Mojokerto are more focused on the water supply sector.



IUWASH East Java

Master Meter Inauguration with KSM Eko Proyo, KSM Celep Bersinar, KSM Wijaya Kusuma and KSM Karang Tirta Abadi Kabupaten Sidoarjo, conducted in Kelurahan Sekardangan (Pecantingan).

In water supply sector, IUWASH's supports to PDAM partners included completing facilitation of PDAM Business Plan for 4 PDAMs while for PDAM Kab Malang is still on-going. Establishment of PDAM Customer Communication Forum (CCF) for PDAM Kab Sidoarjo is done and followed up with training for CCF committee and PDAM. For supporting water for the poor program, IUWASH completed the four master meter systems in Kab Sidoarjo, under IUWASH Grant. The inauguration of the systems was conducted by Mr. Chris Holmes, USAID Global Water Coordinator. Also facilitation for micro credit program for PDAM new connection continued showing significant progress.

In cross cutting sector, IUWASH facilitated Kota Malang with regulation Perwal RI-SPAM and water conservation in Kab Mojokerto is still ongoing.

In Sanitation Sector, IUWASH support PEMDA in increasing access to sanitation facilities through individual, communal and small sewerage system as well as setting institutions responsible for Urban Sanitation Management. Through IUWASH facilitation, Kab Gresik and Kab Sidoarjo already established UPTD Sanitasi, and UPTD development in Kab Malang and Kota Batu are still on-going.

The celebration for the Global Handwashing day was held in Kab Jombang on December 19, organized with District Health Office. During this event also 2 awards were handed out to subdistricts which were declared Open Defecation Free (ODF). Other activities included STBM sing-dance competition by local



IUWASH East Java

Handwashing demonstration by Mayor, IUWASH and other officials during the celebration of Global Handwashing Day in Jombang District.

Sanitarians, HWWS demonstration for senior officials and an STBM exhibition. The event was attended by Mayor and senior officials from district and East Java provincial Health Office. The local women organizations (PKK) were also actively involved in the event. In this event, IUWASH introduced the slogan "**Selembat sehari untuk jamban sehat**", which asks people to save Rp 5,000 (US\$ 0.45) per day for building a healthy latrine. The mayor in his speech endorsed this. IUWASH will continue working with Local Government and Small Medium enterprises in Jombang to increase access to improved latrines.

Success Stories

Success Story in Water Supply Sector

Business plan to improve the performance of Batu City Water Utility

Starting from November 2012 to April 2013, IUWASH assists the local government of Batu City and its water utility, though they initially seem reluctant for having not seen yet the immediate benefits of the cooperation offered. According to the need assessment toward the Water Utility of Batu City, it needs a business plan for the next five years.

The Water Utility of Batu City now serves about 13,000 water connections. Although the water sources in Batu City are abundant, and the Community Association of Drinking Water and Sanitation Users (HIPPAM) serves the need of piped water for most areas of the city, the Water Utility of Batu City keep trying to improve its performance for providing best service.



Eko Purnomo/IUWASH East Java

The Mayor of Batu City, Edi Rumpoko when giving his opening remark during the Bussiness Plan Finalization Workshop.

Since the beginning of technical assistance for Batu City, IUWASH directly focused on assisting the Water Utility of Batu City to develop its business plan. Previously, the Water Utility of Batu City only have 9,941 household connections and targeted to increase the connection up to 10 percent or reaching about 10,980 by the end of 2012. To meet the target, the Water Utility of Batu City have to work hard, considering the main challenge that many residents and commercial businesses still choose to use the ground water due to its good quality. Therefore, a strategic business plan will help the water utility to achieve its target.

The water utility of Batu City has completed its business plan in early April 2013. A workshop to present the business plan then held in September 2013 which was attended by the mayor and about 110 stakeholders of water sector in Batu City. As the Mayor of Batu City, Edi Rumpoko has signed the business plan, the water utility will use the document as its official reference until 2017.

Success Story in Sanitation Sector

Putting an end to sanitation problem requires joint commitments

"What we accomplished now is a long journey for sanitation in Gresik District." Said Achmad Washil, the Head of Cipta Karya Section of Public Works Office in Gresik District. "Sometimes we

need to do a long arguments with other section to keep our portion of budget for sanitation in district budget." He added.

Gresik District, being a buffer zone for Surabaya, Indonesia's second largest city, has complicated sanitation issues. Data from Health Office has shown that only 56% of toilets in Gresik District is permanent healthy toilets. However, that figure does not differentiated toilets with septic tanks and those without. Between toilets with septic tanks, there are those that do regular desludging and do not. Therefore, the actual figure for toilet coverage is supposed to be smaller. The district has taken many measures to cope with sanitation issues. Building sanitation facilities is one of them.

In 2011, Gresik District was interested to join Accelerated Sanitation Development in Human Settlements (PPSP), a nation-wide program designed to boost sanitation development. While developing their City Sanitation Strategy, a guideline for sanitation development, Achmad Washil was appalled to see the result of sanitation prone areas, often dubbed as "red zones". The neighborhood around Achmad's house, that happened to be near a river bank, was in the red zone. This prompted his commitment to improve sanitation conditions in Gresik.



Sanitation improvement requires supports from many parties. A great tenacity was exerted to persuade and convince members of sanitation working group and other stakeholders that sanitation is not merely problems of several government offices.

By the end of 2012, Achmad was transferred to Cipta Karya Section of Public Works Office. He has more room for sanitation planning. In 2012, with the support from USAID IUWASH, the Office of Public Works prepared readiness criteria to obtain funds from state budget, which will be allocated to build sewage treatment plant and regional scale sewerage treatment plant.

In the 2013 district budget, the Public Works Office has budgeted Rp 1 billion for land acquisition and initial planning for sewage treatment plant. As for the regional scale sewerage treatment plant, the Public Works Office prepared Rp 4.8 billion for three sites. In each site, around 200-600 households will benefit from the plant. In preparing the readiness criteria of sanitation management institution, the office budgeted Rp 2.4 billion in 2014 district budget to develop technical waste water implementation unit or UPTD PAL with its supporting facilities.

The good news finally came. The state budget is committed to allocate Rp 5.2 billion in its 2014 budget for construction of the sewage treatment plant; while sAIG, an Australian Aid-funded project is committed to fund the regional-scale sewerage treatment plants in three sites by prefinancing the project at the beginning of the fiscal year and reimbursing the costs at the end of the next fiscal year.

Achmad Washil shared important tips to obtain funds from state budget and donors. First, one need to maintain close communications with Satker PPLP at province level and Ministry of Public Works. "There are lot of funds that district and cities can access, but only a few know how." He said.

Second, preparing proper readiness criteria that fits with actual needs. "We would like to thank IUWASH for helping us, especially for developing the UPTD. Because there is no specific budget to develop the institution." He said.

Third, maintain joint commitments among various government offices to work on sanitation agendas as listed in the City Sanitation Strategy. This step is very important as central government only sees sanitation planning from the strategy document. Therefore, even the District Planning Agency hires a special consultant to maintain communications between government offices, to share data on sanitation development and to provide sanitation database to Sanitation Working Group.

Regional highlights by sector

Regional Highlights in Water Supply Sector

The main activity implemented was addressed to improve PDAM performance either operational, financial and customer aspects.. There are several PY3 activities which are carried over to PY4, like : Distribution Network Optimization Study for Lamongan and Probolinggo; Production Capacity Optimization for PDAM Lamongan and Kota Mojokerto; and Development of PDAM Spatial Database in Pilot areas for PDAM Batu, Kab Malang and Kota Probolinggo. These activities were finished in this quarter, while Water Supply Vulnerability Assessment & Climate Change Adaptation Study is still on-going. It is at the final stage now. Support for the implementation of Water Replenishment Program in Kab Mojokerto financed by CCFI is extended up to the next quarter, as there is still remaining fund to construct around 250 additional infiltration wells. The summary of program highlights this quarter in the water supply sector is divided into two parts: Anchor Site and other program highlights. The anchor site of water supply program in East Java Region remains same as the previous year which are three anchor sites as described below:

- Anchor Site #1: Increase production capacity through PPP in Lamongan and Gresik..
PPP program in Kab Lamongan related with bulk water supply from PDAB (Provincial Water Enterprise), is still under preparation and IUWASH started to support Real Demand Survey in. The PPP for water supply in Kab Gresik is for the construction and operation of new WTP with capacity of 2,000 liters/sec. Raw water for this WTP will be taken from Sembayat dam and the scheme will be B2B over 25 years. In this quarter PDAM and IUWASH review the Business Plan which is expected to be completed by January 2014.
- Anchor Site #2: Water for the poor anchor project in Surabaya, Sidoarjo and Kab Mojokerto.
The activities this quarter included facilitation for Micro Credit and development of PDAM Master Meter. Implementation of micro-credit in PDAM Kab Mojokerto shows a good progress, with 300 new house connections. PDAM Surabaya has just started promotion of micro credit program for water in this quarter, with achievement in one month of 70 new house connections. PDAM Surabaya discount program for new connections influenced the prospective customers to use micro-credit facilities. Micro-credit programs in PDAM Sidoarjo is still waiting for the new concept of BRI scheme. IUWASH will update the progress in the following quarter.
- Anchor Site #3: Restoration of Water Resources as part of Climate Change Adaptation Action Plan.
The implementation of Climate Change Adaptation Plan in Kab Mojokerto started last year and in this quarter constructing of 650 Infiltration ponds in Pacet was finished, which will increase capacity of spirngs in Djoebel and Ubalan. Construction of infiltration wells is implemented as collaboration between CCFI and IUWASH and carried out by YLHS Seloliman. The beneficiaries formed an organization called the GPSA (Garda Penyelamat Sumber Air/ Guard Rescue of Water Source), to be responsible for the maintenance of infiltration ponds, with funding from PDAM and PEMDA. They are trained in management, finance, cooperatives in.



With the remaining funds, YLHS will continue development of 250 additional infiltration wells. The new WWSVA Study is for Malang Raya and Probolinggo Raya. It was started and the progress is up to the deliverable 2. The consultant is LPPM Universitas Brawijaya Malang.

Other program highlights of the water supply sector

- Business Plan PDAM Batu, Kab Mojokerto, Jombang are complete and signed by the Mayor, while for PDAM Kab Probolinggo and Kab Lamongan are still waiting input from stakeholder
- PDAM Tariff adjustment in Kab Gresik, Kab Lamongan, Kab Mojokerto and Kab Probolinggo have been approved and signed by the Bupati.
- Facilitation for development of PDAM Spatial Database in Batu, Kab Malang and Kota Probolinggo was completed in November. This activity is carried over from PY3 workplan.
- Optimizing Distribution Network in PDAM Lamongan and PDAM Kota Probolinggo was finished at the end of November 2013. This activity is also carried over from PY3 workplan.
- Optimizing PDAM Production Capacity in Lamongan and Kota Mojokerto completed the initial survey and capacity building for production staffs, also from PDAM Sidoarjo and PDAM Jombang. The progress is conducting WTP audit and preparation of SOP for production unit.
- As the follow up of Training for NRW Reduction, IUWASH continued to monitor the implementation of NRW and result showed that all PDAMs have developed a plan for NRW reduction program while PDAM Kab Malang and Kota Mojokerto also already formed a NRW reduction team (PDAM Sidoarjo and Surabaya already formed NRW team before the training).
- IUWASH facilitated PDAM Kab Jombang to establish a Customer Communication Forum and provide a training on management, duties and functions associated with the task to be performed, and overview of the existing conditions and plan future activities of PDAM.

Regional Highlights of Sanitation Sector

Sanitation activities in this quarter are mainly continuation of activities from previous quarter, including triggering for healthy toilet construction for individual sanitation system, facilitation for communal system developed by USRI and/or PEMDA, facilitation for urban sludge management program including the facilitation of UPTD establishment. This quarter IUWASH also facilitated in optimization of two Modular Sewerage Systems in Kota Malang, as the existing operating capacity is much below the design capacity. The summary of program highlights in the sanitation sector is divided into two parts: Anchor Site and other program highlights:

- *Anchor Site #1: STBM/ CLTS to increased individual sanitation in Kota & Kab Mojokerto and Jombang.*

IUWASH facilitated for CV N-Vitech, a sanitation SME in Kab Mojokerto, to collaborate with BRI and BSM which provide micro financing to poor community to construct individual toilets



IUWASH East Java

Promotion of healthy toilet by CV. N-Vitech in Mojosari, Mojokerto.

plus proper septic tanks; This happens after community is triggered by Sanitarians, using their own APBD budget. IUWASH also promotes individual sanitation to PNPM and support triggering to raise awareness and need on adequate sanitation in some PNPM Mandiri sites. In Kab Jombang, IUWASH with Health Office, Sanitarians and Village Midwives to promote sanitation to poor families. IUWASH supports training materials for septic tank construction after community is triggered by Health Cadres. IUWASH also supported PEMDA Jombang with their open defecation free program during the celebration of Global Handwashing Day on December 19, 2014.

- Anchor Site #2: Sanitation access to communal system in Kota and Kab. Probolinggo.
Promoting adequate individual sanitation system in Kota Probolinggo runs since PY2 by CV. Wahana Tirta in collaboration with sanitarians, village midwives, and health cadres. In Wonoasih, IUWASH facilitated to construct IPAL Komunal combined with MCK++ (from DAK-SLBM budget). The program is done by LPPM-ITS through IUWASH Grant Program and serves 104 families with additional housesw on waiting lists with KSM An-Nur, which managed the system. To further strengthen the sanitation sector, IUWASH facilitated PEMDA to establish UPTD as the operators for sanitation and promote improved urban sludge management, under one of the pilot for scheduled urban sludge management. In Kab Probolinggo, construction of individual system runs moved forward well with sanitarians and midwives caders as promoters, especially 2 champion, Pak Edi and Ibu Yuyun. IUWASH facilitated material for practicing septic tank construction in 2 subdistricts. Kab Probolinggo is also as one of SAIIG sites for construction of small scale sewerage system and IUWASH will support promotion and institutional building.
- Anchor Site #3: Access to Communal Sanitation Facilities, in Greater Malang Area.
Several programs are ongoing in Greater Malang to improve sanitation access. IUWASH supported study for Optimization of Modular Sewerage System (MSS) in Mergosono and Ciptomulyo, Kota Malang, which was completed study and exposed to UPTD and PEMDA as the operators. In 2014, Satker PPLP East Java Province is committed to support the DED for improving MSS, to increase the number of house connections served. Dinas Kebersihan and Pertamanan (DKP) allocated budget for subsidy to the poor for connection fee to communal system including these MSS as much as Rp. 500,000 per household.

Other program highlights of the Sanitation sector

- Support PEMDA to implement improved Urban Sludge Management (USM) in 6 locations. In this quarter, Kota Probolinggo and Jombang completed the census of septic tank in pilot area, which will be followed by de-sludging preparation in coming quarter. In Mojokerto and Kab Probolinggo, similar activity is under preparation. In Malang City, UPTD PSAL will accommodate private sector to get data of consumers and monitoring function. In Kab Malang, Dinas Cipta Karya and Tata Ruang, will promote regular de-sludging of communal system by APBD Fund.
- Conducted study on optimizing existing sludge treatment plant (IPLT) in Kota Probolinggo and Kab Malang District. Results were shared with UPTD Probolinggo and Dinas PU Malang. UPTD Probolinggo then allocated APBD to conduct Environmental Impact Risk Assessment (AMDAL) for IPLT, to accomplish readiness criteria for rehabilitation of IPLT Bestari.
- Conducted Real Demand Survey of Sanitation in in 3 sub-districts in Sidoarjo involving 900 respondents in combination with similar survey financed by Bappeda in 3 other sub-districts for 1,000 respondents. Results will be used as input for local regulation (PERDA) on domestic wastewater management, which will be formulated by Bappeda in 2014.
- Supported PEMDA to prepare readiness criteria to access APBN funding. In this quarter, Satker PPLP East Java Province has commitment to allocate APBN 2014 for construction of sludge treatment plant (IPLT) in Gresik (Rp 5.2 billion) and Sidoarjo (Rp 4.2 billion). In January Satker

PPLP will start bidding process for both locations. Also, Satker PPLP committed to build communal sewage treatment plant (IPAL) in Kota Probolinggo City to serve 70 households.

- Coordinated with sAIG-AusAid to provide technical assistance for Gresik and Kab Probolinggo which will construct 4 small scale sewerage systems. Based on the urban sanitation framework, IUWASH will support on pre- and post-construction, especially in promotion connections and UPTD establishment including training in operation and maintenance.
- Provide technical assistance to BKBPM (Badan Keluarga Berencana Kota Malang) as the responsible agency for implementing USRI project on some trouble shooting in technical aspect in one of USRI location.
- Promoted and assisted HIPPAMS in Lamongan to promote micro credit program for individual sanitation facilities. The HIPPAM is one of the winner of AMPL Awards in KSAN event in October 2013 for synergy on water supply and sanitation service category.

Regional Highlights in Crosscutting Sector

In Cross cutting sector, the programs implemented in East Java consist of several activities such as the preparation of local regulation for water and sanitation sector, increase local budget for watsan sector, development of Citizen Engagement Mechanism, increase practices on point of use & handwashing with soap and gender mainstreaming. In PY4 workplan IUWASH East Java Region continues to facilitate the preparation of Local Government regulation in 7 Cities, while the other activities will be implemented in all 12 Local Governments. The detailed activities are:

- Training for promotion of healthy behaviors to increase the capacity of health actors including sanitarians, health promotion staffs, village health cadres and midwives. The increased capacity is especially on hand washing with soap (pillar 2 of STBM), point of use of water (pillar 3 STBM) and maintenance of sanitation facilities. In addition, gender mainstreaming and adult education approach (andragogy) is also one of the topics of the training. The training was implemented in the classroom and field practice in certain communities to simulate hand washing with soap and water management of the household with the community. Senior staff of Health Department (Dinas Kesehatan) sections were also involved (Environmental Health and the Health Promotion sections). These activities were continuation of PY 3 activities and implemented in 6 districts/cities. During this quarter, IUWASH conducted training for Kab Lamongan district, Kota Surabaya city and Kab Gresik district. Remaining three locations will be trained in January - February 2014.
- In this quarter, IUWASH also supported promotion material on healthy behavior including X-banners, posters, leaflets, towels, Diagram F banner and laminated materials, to be used in the promotion of improved hygiene behavior at field level by trained sanitarians and community health cadre as the follow up of the first training conducted in 6 cities/districts.
- Collaboration with Jombang Local Government (qq. Dinas Kesehatan) implemented hand washing with soap world day celebration combined with ODF declaration.



- Facilitated the development of CEM program in Kab Probolinggo, Sidoarjo and Kab Mojokerto. through several assessment and preparation for bidding as the implementation will be done through third party. In this quarter tender process is being finalized.
- Finally In PY4, IUWASH East Java Region will facilitate the preparation of Local Regulation for 7 PEMDA (Sidoarjo, Gresik, Kota & Kab Malang, Jombang, Kab Probolinggo, Kab Mojokerto and Batu City). Mostly of these regulations are supporting the sanitation sector, except for Kota Malang City and Kab Mojokerto, which will be supporting the water supply sector. The facilitation is implemented through serial FGDs and final workshop prior to the signing by the Mayor.



IUWASH East Java

IUWASH East Java Team visited Jombang district, accepted by the new Mayor and Vice Mayor.

Upcoming events

Event Title	Date	Type of Event	Venue
Data Collection of Septic Tank	Jan – Feb'14	Workshop, Tech Assistant, Survey	Kab Probolinggo, Kab Mojokerto Kab Malang
Training promotion of healthy behaviors	Jan – Feb'14	Training	Sidoarjo district, Kab & Kota Probolinggo
Training Planning and budgeting responsive gender (pilot program)	Mar'14	Training	Kota Malang
Comparative study and lesson from HIPPPAMs Kab. Malang	Jan'14	Field Visit	Kab Lamongan
Training of Customer Complain Handling for 12 PDAMs	Jan'14	Training	Kota Malang
Dissemination Workshop for Water Replenishment Program	Jan'14	Workshop	Sativa Hotel, Pacet
Inauguration of Infiltration ponds	Jan'14	Event	Pacet Mojokerto
Energy Efficiency Audit Study	Feb'13	Study	PDAM Kab Gresik
Establishment of PDAM Customer Communication Forum	Feb'13 Mar'13	Event	PDAM Kota Probolinggo PDAM Kab Lamongan
Workshop of NRW Reduction	Mar'13	Workshop	Kota Malang
Kick off - Surabaya Master Meter	Feb'13	Workshop	Surabaya
TA to prepare UPTD Air Limbah	Jan'14	FGD	Kab.Gresik
Workshop for integration among institutions for the preparation of Local Policy UPTD	Jan – Mar'14	Workshop	Jombang, Probolinggo, Malang, Kab. Lamongan, Mojokerto
Technical Assistance for the development of CEM	Jan – Mar'14	FGD & Comparative Study	Kab. Gresik Kota Probolinggo

Cluster Report

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, these cluster reports are split into city/district reports in order to give a more comprehensive progress report on each location.

This quarter the IUWASH East Java combined cluster reports are as follows:

- Kab Gresik and Kab Lamongan
- Kab Sidoarjo and Kota Surabaya
- Kota & Kab Mojokerto
- Kota & Kab Probolinggo
- Kab Jombang
- Greater Malang Area (Kota Batu, Kota and Kab Malang)

EAST JAVA, Gresik and Lamongan Districts

Summary

Together, both districts have a population of around 1.2 million people. PDAM Gresik has 33 percent coverage, or 70,000 household connections. While in Lamongan reached 22 percent of the total population. IUWASH has supported PDAM Gresik in increasing access to the water supply, and has provided training to the PDAM staff. Also facilitated the local Government to improve the capacity in management of sanitation system.

In Lamongan district, the support from PEMDA in the sanitation sector needs to be improved, both in terms of financing and technical support. The same applies to the water supply sector, where service coverage is still low and the PDAM still has debt.



Activities

Water Supply Sector:

- Preparation of final report of Distribution Network Optimization for PDAM Kab Lamongan.
- Conducted training for PDAM technical staffs and operators on Production Capacity Optimization in Kab Lamongan.
- Monitored progress of PDAM tariff adjustment of Gresik. The Tariff Adjustemnt Decree is signed by Mayor to be effective in January 2014.
- As the part of the development of PDAM Business Plan, PDAM Lamongan constructed distribution network to serve 1,600 HH poor communities in IKK Turi, Sukodadi, Moropelang and Sekaran.

Sanitation Sector:

- Training on improved behavior for sanitarians, health promotion functionaries, midwives and health cadres in Kab Lamongan.
- Facilitated Sanitarians and HIPPAMS in STBM triggering and sanitation marketing to increase access to individual toilet in Lamongan.
- Facilitated practice in construction of healthy toilets in Kecamatan Sugio and Kalitengah, Kab Lamongan.
- Monitored the construction of Communal Sewerage Treatment Plant (under USRI and SLBM projects)in Gresik.

Crosscutting Sector:

- Conducted meetings to prepare PerBup UPTD Gresik, participated by Bagian Organisasi dan Tatalaksana, Bag. Hukum, Dinas PU and Bappeda.
- Prepared job description of UPTD. Gresik as required by the Pokja.
- Facilitated the preparation of APBD 2014 for UPTD Gresik
- Facilitated PEMDA with signing of Perbup UPTD by Mayor Gresik

Plan for Next Quarter:

- Monitoring the implementation of recommendation from the Study DNO and PCO PDAM Kab. Lamongan.
- Review PDAM bussiness plan to support PPP Program in Lamongan.
- Continue on supporting STBM triggering and healthy behavior education for sanitarians and health cadres in Kab. Gresik.
- Facilitate training on construction of healthy toilet for masons of HIPPAMS Gresik.
- Facilitate preparation of sanitation roadmap for Pokja Sanitasi Gresik.
- Capacity Building to Pokja Sanitasi Kab. Lamongan for implementation of IPAL and IPLT construction.



IUWASH EAST JAVA

Workshop on Preparation of Job Description for UPTD Air Limbah Kab. Gresik.

Partner Coordination:

- Coordination with Dinkes Kab. Lamongan and Gresik for facilitation of triggering activities, Education healthy behaviors Training
- Coordination with Bappeda, Pokja Sanitation and related SKPDs for planning institution of UPTD.
- Coordination with PDAM Gresik and Lamongan for implementation plan of PY4

EAST JAVA, Sidoarjo District and Surabaya City

Summary

Sidoarjo District is an area supporting Surabaya City, with most people working in Surabaya. The PDAM coverage area in Surabaya is about 70 percent, while PDAM Sidoarjo coverage is still low at 33 percent. IUWASH facilitates access to water supply in several informal areas through grants for four master meter schemes, with target 400 households.

In the sanitation sector, IUWASH supports STBM program including CLTS triggering in several communities. IUWASH also facilitates capacity building for Pokja AMPL and implementation of SSK.

Surabaya has many slum areas that need to be improved. The main problem in this city is urbanization. Many people live in illegal areas with minimal water and sanitation infrastructure.

Activities

Water Supply Sector:

- Conducted inauguration of Master Meter Program in Kab. Sidoarjo in 3 communities with total beneficiaries of 306 households. The ceremony was attended by the US Consulate General and Chris Holme, USAID Global Water Coordinator and USAID Indonesia.
- Participated in PDAM customer meeting conducted by PDAM Customer Communication Forum (CCF) of Sidoarjo, to introduce the establishment of CCF and socialize PDAM Tariff Adjustment.

Sanitation Sector:

- Together with Dinas Kesehatan, Kota Surabaya conducted training on improved behavior for health cadres, PKKs, sanitarians, and health promoters in 6 subdistricts.
- Presented the results of sanitation Real Demand Survey to Pokja Sanitasi Sidoarjo to sanitarians and PEMDA officials in the survey areas.
- Facilitated the healthy toilet construction in PKM Wonoayu area. IUWASH provided materials as a stimulant for construction of 5 units. Recently it was increased by 9 units.

Crosscutting Sector:

- Synchronization of Mayor Regulation on establishment of UPTD Waste Water by Legal department and other institutions in Sidoarjo.
- Facilitated the finalization of draft of Mayor Regulation (PerBup) on establishment of UPTD Air Limbah Sidoarjo, prior to approval and signing by Bupati.

Plan for Next Quarter:

- Development of Master Meter System in Kota Surabaya through grant program.
- Training of improved behavior for sanitarians and health cadres in Sidoarjo
- Facilitation for integration on sanitation program for stakeholders regarding USRI program implementation in Surabaya City.
- Training for PDAM Customer Communication Forum



IUWASH EAST JAVA

Training of Healthy Behavior Education: Practice of Hand Washing With Soap with community of Kelurahan Wonokromo.

Partner Coordination:

- PDAM Kota Surabaya for coordination of Master Meter Program
- Dinas Kesehatan Sidoarjo for the implementation of promotion of improved hygiene behavior
- Dinas PU, Dinas Kesehatan, Bappemas Kota Surabaya on implementation of individual sanitation system
- PDAM and CFF Sidoarjo to develop PDAM customer forum

EAST JAVA, Mojokerto District and City

Summary

Since IUWASH providing support to Kab. Mojokerto, Many activities have been implemented in the Watsan sector, including a microcredit scheme for new PDAM connections. In sanitation, IUWASH supported CLTS triggering activities and facilitated the Pokja AMPL in preparing Urban Sludge Management.

As the financial condition of PDAM Kota Mojokerto is 'sick', IUWASH supports the implementation of Central Government program "PDAM Recovery". This year, PDAM Kota Mojoker will receive financial support from the Government to replace 1,000 water meters and next year for 4,000 water meters. The PDAM already formed a NRW Reduction Team, and start to implement NRW Reduction program as the follow up after participated NRW Training conducted by IUWASH.

Activities

Water Supply Sector:

- PDAM Kota Mojokerto participated in training on Production Capacity.
- Conducted workshop of Climate Change Adaptation Action Planning and Water Replenishment Program for Kab Mojokerto.
- Facilitated cooperation between PDAM Kab. Mojokerto and BRI regarding Micro Credit for new PDAM connections.
- Refreshing training for Micro Credit Marketing for Kab Mojokerto.
- Monitoring progress of increase water supply access through Micro Credit scheme in Kab. Mojokerto.

Sanitation Sector:

- Conducted FGD to determine pilot area on Regular Desludging, with related SKPDs of Kab. Mojokerto incl Head of Dinas PU Cipta Karya.
- Supported SME (CV. N-Vitech) in promotion of toilet construction through micro credit scheme. This quarter 56 were constructed.
- Facilitated sanitation activists to access funding for construction of Healthy toilet from financial institutions (Bank and non bank)
- Supported Dinas Kesehatan Kota Mojokerto for triggering activities in 2 Kelurahan, involving 36 community people and 13 sanitarians.

Crosscutting Sector:

- Facilitated Bappeda and other institutes for preparation of Local regulation for Raw Water Conservation as the follow up of Water Replenishment Program.
- Facilitated PEMDA in the development of Citizen Engagement Mechanism in Kab Mojokerto.

Plan for Next Quarter:

- Dissemination Workshop and inauguration of Water Replenishment Program Implementation.
- Facilitation of PDAM Bussiness Plan preparation and water tariff adjustment for Kota Mojokerto.
- Facilitation in the preparation of Readiness Criteria for DKP Kota Mojokerto
- Facilitation in planning for regular desludging service in Kota Mojokerto
- Facilitate the preparation of PerBup UPTD Pengelola Air Limbah Establishment, Kab. Mojokerto.
- Facilitate the development of Citizen Engagement Mechanism in Kab Mojokerto.



IUWASH EAST JAVA

Discussion with the members of Pokja AMPL on the preparation of dissemination workshop of Water Replenishment Program in Kab. Mojokerto.

Partner Coordination:

- PEMDA, PDAM Kota dan Kab Mojokerto
- Kecamatan Pacet. Kab. Mojokerto on implementation of Water Replenishment Program
- Dinas Kebersihan dan Pertamanan Kota Mojokerto on promotion of triggering activities
- PU CK Kota dan Kab Mojokerto on UPTD development
- Dinkes Kota dan Kab Mojokerto and CV. N-Tech on implementation of individual sanitation system
- BRI dan BSM Cabang Mojokerto for the micro credit program on water and sanitation
- Legal division of Kab & Kota Mojokerto on development of regulation supported UPTD

EAST JAVA, Probolinggo District and City

Summary

Kota Probolinggo, with a population of 216,967, faces problems in both water and sanitation. PDAM coverage is still low because most people still use individual water sources. Most residents also have inadequate sanitation facilities. In PY2, IUWASH facilitated PDAM in preparing its Business Plan. In sanitation, IUWASH facilitated CLTS triggering and many communities built latrines with their own resources through credit or *arisan jamban*. IUWASH facilitated the establishment of sanitation entrepreneurs and the PEMDA constructed a communal sewage treatment plant. IUWASH facilitated community development and construction of a small sewerage system, including household connections.

The work in both sectors implemented in Kota is expanded to the Kab. Probolinggo, both covering water supply, sanitation and cross cutting sectors. IUWASH facilitated preparation of PDAM Business Plan, Study of Water Supply Vulnerability Assessment for Climate Change Adaptation Plan and STBM Triggering and practice of healthy toilet construction.



Activities

Water Supply Sector:

- Presentation of Draft Final Report GIS and Interim Report DNO, PDAM Kota Probolinggo.
- Discussion of preliminary report and kick-off meeting on WWSVA baseline study. The consultant (LPPM Univ. Brawijaya Malang) will visit PDAM Kab. & Kota Probolinggo for data collection and conduct preliminary survey.
- Conducted Pre Workshop of PDAM Business Plan, Kab. Probolinggo. PDAM Team has finalized the document and ready to implement the Business Plan workshop.

Sanitation Sector:

- FGD-USM: USM Site Selection and Preparation of Pilot survey Septic Tank. Kraksaan Sub-District, Kota Probolinggo is selected to be the pilot area for implementation of Urban Sludge Management.
- The progress of healthy toilet construction during this quarter is 169 households in Kota Probolinggo and 126 in Kab. Probolinggo, all built as result of triggering activities facilitated by IUWASH, which also provided some stimulants for construction.

Crosscutting Sector:

Facilitated Local Government in the development of Citizen Engagement Mechanism in Kab Probolinggo.

Plan for Next Quarter:

- Advocacy for the establishment of UPTD Sanitation Kab. Probolinggo.
- Technical Assistance for preparing the readiness criteria for sanitation program in Kab Probolinggo.
- Facilitate the preparation of de-sludging system in Kota Probolinggo
- Training of improved behavior for sanitarians and health cadres in Kota & Kab. Probolinggo
- Facilitate the establishment of PDAM Customer Communication Forum Kota Probolinggo.
- Facilitate Kota Probolinggo in conducting triggering activities to support USRI Program with target of 280 poor households; Also program DAK-SLBM 2013 in 5 locations with target of 350 poor households.



IUWASH EAST JAVA

FGD on selection of pilot site of USM Program and preparation of census of septic tank with Pokja Sanitasi member of Kabupaten Probolinggo.

Partner Coordination:

- PDAM Kab & Kota Probolinggo for activities to improved PDAM performance
- Bappeda Kab & Kota Probolinggo for development of CEM
- Dinas Kesehatan Kab & Kota Probolinggo for promotion of improved hygiene behavior
- Dinas PU Cipta Karya Kab & Kota Probolinggo on UPTD development
- Bappemas Kab & Kota Probolinggo on implrmntation of USRI Program
-

EAST JAVA, Jombang District

Summary

With a population of 1,201,557 (2010), the water utility for Jombang District has accumulated a 40% loss in its total assets despite profits earned in the past two years. The district does not have any city sewerage system and only uses on-site and off-site systems, while about 80% of sanitation facilities consist of simple flush toilets with septic tanks. However, the district's ODF campaign has resulted in 75% of households having toilets.

IUWASH plans to assist the district government to maximize the use of the sewage treatment system, providing support for the USRI and SLBM programs, and media advocacy for STBM and water utilities.



Activities

Water Supply Sector:

- Conducted Workshop on development of PDAM Business Plan with PEMDA, and representatives of customer, University and NGOs.
- Monitoring PDAM NRW reduction program in 5 IKKs
- Conducted training of Production Capacity Improvement for operators.
- Monitoring improvement of WTP Kudu-Ngusikan with capacity of 40 lps.

Sanitation Sector:

- Training for enumerators of septic tank survey to support Urban Sludge Management Program – Regular Desludging Service.
- Socialization of Regular Desludging Service to community and stakeholders in Pilot area consist of 6 villages in Jombang.
- Implementation of septic tank census for 300 households.
- Support Dinas and Sanitarians with money in 17 USRI locations.
- With Dinas Kesehatan conducted Global HWWS Day and ODF Declaration.
- Facilitated practice on construction of healthy toilet in PKM Pulo Lor, Kecamatan Jombang.

Crosscutting Sector:

- Conducted workshop on finalization of revitalization of UPTD Persampahan dan Pengelolaan Air Limbah Domestik.
 - Meeting new Mayor and Vice Mayor to introduce IUWASH program and planned support to Jombang.
 - Roundtable meeting with related institutions regarding Local regulation (Perbup) on the revision of UPTD Persampahan dan Pengelolaan Air Limbah Domestik.
- Preparation of Job Description, Duties and Obligations of the new UPTD Persampahan dan Pengelolaan Air Limbah Domestik.

Plan for Next Quarter:

- Continue monitoring of implementation of NRW Reduction program.
- Introduce and facilitate PDAM Micro Credit and Sanitation Program with Bank and/or non bank financial institution.
- Continue supporting Pokja AMPL for sanitation road mapping.
- Capacity Building for Pokja Sanitasi and UPTD to access APBN for development of Communal Sanitation and Small Scale Sewerage System.
- Monitoring construction of healthy toilet at community level.
- Finalization of PerBup on establishment of UPTD Persampahan dan Pengelolaan Air Limbah Domestik prior to the signing by Mayor.



IUWASH EAST JAVA

Training for enumerators on septic tank survey to support Urban Sludge Management Program

Partner Coordination:

- PDAM to improve PDAM performance
- Dinas Kesehatan to implement individual sanitation system
- Pokja AMPL to implement of sanitation program
- BAPPEDA and BLH to UPTD development
- Dinas PU Cipta Karya on optimizing the IPLT

EAST JAVA, Greater Malang Area (Malang City and District, Batu City)

Summary

Batu City and Malang City are located within Malang District. The sources of the water supplied to all three locations are located within Malang District. The water utility service coverage in Malang District is 36%, while in Malang City it is 77%, and in Batu City it is just 30%. IUWASH plans to develop a business plan for the water utilities and a workshop on reducing non-revenue water. The sanitation sector in all three areas is quite good, despite open defecation practices. The three areas have a good STBM program, and some villages are already ODF. IUWASH assistance will include facilitating village regulations on ODF and water and sanitation issues, as well as communal sanitation management and sludge management.

This quarter IUWASH provide facilitation for Climate Change Adaptation Program, started with Water Supply Vulnerability Assessment which is implemented through PO to LPPM Brawijaya University.



Activities

Water Supply Sector:

- Workshop on PDAM Business Plan Kota Batu, attended by Walikota and all stakeholders. At the end Mayor signed Business Plan.
- Facilitated preparation of GIS database for PDAM Batu and Malang.
- Facilitated initial discussion for preparation of baseline data for Water Supply Vulnerability Assessment.
- Conducted serial training for PDAM Business Plan Kota Malang.

Sanitation Sector:

- With Dinas Kesehatan Batu conducted Training of improved behavior for health cadres, PKKs, sanitarians, midwives and health promoters.
- Supported STBM Triggering and practice of healthy toilet construction in Gunungsari, Batu City and Karangsono Pagelaran (Kab Malang).
- Conducted FGD for planning of sanitation promotion method in 3 locations each for Kota & Kab Malang
- Training for enumerators and implemented the sanitation census to support optimalization of MSS Ciptomulyo and Mergosono, Malang.
- Facilitated FGD for determination of pilot area for septic tank sensus in Kab and Kota Malang, to support USM program.
- Facilitated comparative study for KSM/KPP DPIU USRI Kota Malang to IPAL Sumber Taman Kota Probolinggo.
- Socialization of improved behavior education for health cadres, PKK in URSI Program areas, Kota Malang.

Crosscutting Sector:

- Workshop planning of *Musrenbang* to support *Kepanjen Peduli sanitasi* to get *Adipura Kencana* reward.
- Facilitated workshop Urgency of Domestic Waste Management for stakeholders in Kota Batu.
- Conducted Workshop to finalize the RI-SPAM Kota Malang and the preparation of PerWali Rlof -SPAM.

Plan for Next Quarter:

- Serial Training on preparation of PDAM Business Plan Kota Malang.
- Facilitate meeting with private sector for desludging in Kota Malang.
- Facilitate UPTD for Kota Batu.
- Facilitate preparation of PerWal on UPTD Kota Malang and Kota Batu.
- Facilitate coordination among sanitarian and sanitation entrepreneurs.
- Facilitate and monitoring the implementation of TTG (Teknologi Tepat Guna) in Malang Raya.
- Facilitate the implementation of NRW Reduction and GIS for PDAM Kota Batu and Kab Malang.



IUWASH EAST JAVA

Facilitation the workshop Urgency of Domestic Waste Management for stakeholders in Kota Batu

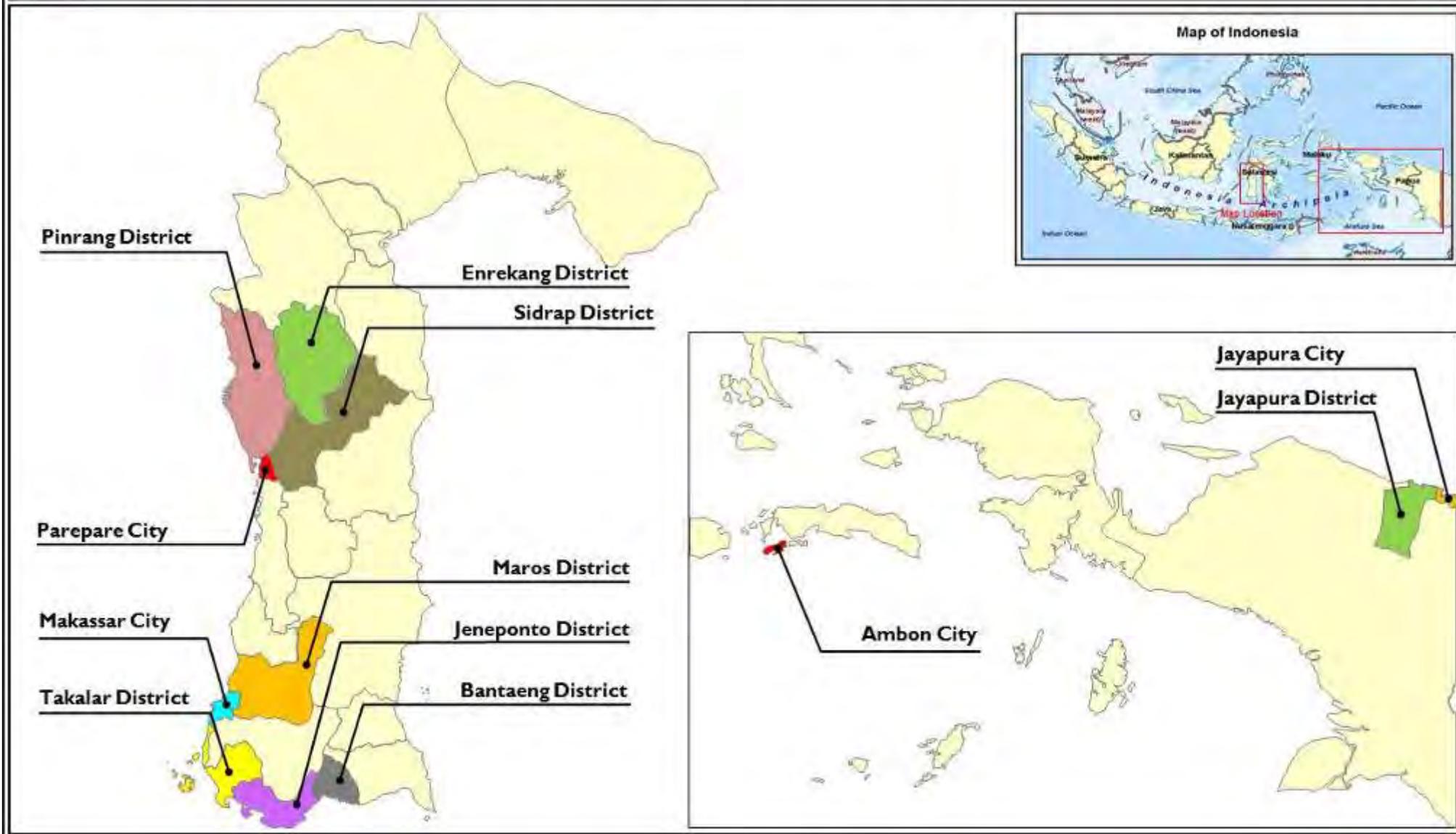
Partner Coordination:

- PEMDA for UPT development
- Dinas Kesehatan for improved hygiene behavior
- PDAM for improvement of PDAM performance
- Bidang Kerjasama Kota Malang on development regulation of RI-SPAM
- Legal divisions in Malang Raya on development of regulation supported UPTD development
- PNPM Perkotaan in Malang Raya for implementation of individual sanitation program



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Map of City/ District for South Sulawesi, Eastern Indonesia Region



Section 4.5

SOUTH SULAWESI/ EASTERN INDONESIA

Summary

The expansive IUWASH Region of South Sulawesi and Eastern Indonesia covers 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 surface area of approximately 72,881 square km. (See the map for more details.)



IUWASH began working in the region in June 2011, meeting with provincial and local government leaders, conducting assessments of current water and sanitation conditions, and gauging the extent of local government commitment to address sector deficiencies. These assessments led to the selection of nine municipalities as IUWASH priority areas. In July 2012, the IUWASH regional team conducted discussions with PEMDA in 3 new cities to develop program priorities for the next IUWASH program year. Together with the previous 9 locations, the IUWASH South Sulawesi & East Indonesia (SSEI) team is now supporting water and sanitation programs in 12 locations.

Progress this quarter for water supply sector focused on support to PDAM partners on several topics supported the improvement of PDAN technical, management and financial performance. The technical topics consist of GIS development, Water Quality Monitoring, SOP development, and tariff adjustment. The promotion of micro credit program was conducted for both water supply and sanitation sectors. In sanitation sector, the progress this quarter mainly in supporting Local Government partners to develop UPTD development and implementation of USRI (Kota Makassar) and Sanimas Programs. In cross cutting sector, the activities conducted mainly on development of regulation to support the improvement of water supply and sanitation sector.

Success Stories

Success Story in Water Supply Sector

EPANET worked to optimize the piping network of PDAM Tirta Bantimurung

The service coverage of Tirta Bantimurung Water Utility of Maros District currently reaches 51 percent of total population in its technical service area. With 11,591 connections, Tirta Bantimurung Water Utility is now approximately serving 57,955 people. Previously, Tirta Bantimurung Water Utility's installed production capacity amounted to 150 liters per second (lps). The Drinking Water Working Group at Public Works Office of South Sulawesi Province then supported to increase the production capacity by 2x20 lps so its current total capacity reaches up to 190 lps.

Increasing production capacity should come along with the development of adequate piping network for ensuring the water service efficiency. However, the technical staffs of Tirta Bantimurung Water Utility were still facing limited technical capacity that their piping network development done manually. Determination of pipe dimensions was also often based on estimates, affecting the service quality. Uneven water pressure in the piping network then resulted in the majority of customers are not served well.

Old story has been told. The Tirta Bantimurung Water Utility now progressively improves its service following the EPANET program training in April 2013 and a series of technical assistance provided by IUWASH. EPANET is a water distribution system modeling software package developed by the United States Environmental Protection Agency's (EPA) Water Supply and Water Resources Division. With the skills to operate EPANET program, the technical staffs of Tirta Bantimurung Water Utility are now able to evaluate the piping network accurately as a basis for planning the development of their distribution network and reducing the non-revenue water.

The Director of Tirta Bantimurung Water Utility, Drs. Abdul Badar shared about the benefit of increased capacity of their technical staffs. "The application of EPANET program is very helpful especially to determine the hydraulic and water-quality behavior within pressurized pipe networks. The pipe dimensions to be installed in developing our network is also no longer made based on an estimate but accurate calculations and analysis. It is very useful to optimize our piping network and reducing the non-revenue water" said Abdul Badar to the USAID-IUWASH mid-term evaluation team visiting the Tirta Bantimurung Water Utility in November 2013.



Shofyan A./IUWASH SSEI

EPANET Advanced Training on Piping Network Development and Evaluation for 11 water utilities in district/cities of South Sulawesi and Eastern Indonesia.

Success Story in Sanitation Sector

UPTD PAL of Ambon City Improves the Administration to City Sanitation

The Mayor of Ambon City has signed the Regulation of Regional Technical Unit for Wastewater Management (UPTD PAL) in September 2013, a proof of strong commitment of local government to improve its sanitation sector in Ambon City.



Desi Patty/IUWASH SSEI

The Secretary of Ambon City, Anthony G. Latuheru, S.H, M.Si

According to the Secretary of Ambon City, Anthony G. Latuheru, S.H, M.Si, domestic wastewater has been tackled by the city government of Ambon. However, the establishment of UPTD PAL will be more focused to improve the management of domestic wastewater and sanitation sector. Anthony also said that the UPTD PAL may increase the local revenue for Ambon City in the future.

"There is still a leak in collecting local revenue due to the urban sludge management is not well regulated. In addition, UPTD should be managed by staffs who really understand about wastewater management." Anthony added.

The local government of Ambon City will continue to improve its wastewater

management, for example by increasing the number of sludge suction trucks and perform scheduled desludging. Currently, the Ambon City also receives support from donors to improve its sanitation sector.

Head of the Cleaning and Landscaping Agency (DKP) of Ambon City, Morits Lantu, S.Pd considered that IUWASH supports have helped them to gain more knowledge on how to manage sewage treatment plant (IPLT), including the stages to establish UPTD PAL.

The DKP will continue to improve its service and maximize the function of UPTD PAL in tackling domestic wastewater. UPTD PAL will not only manage IPLT but also other sanitation facilities such as regional-scale wastewater treatment plant which was constructed by AusAID-funded sAIG program, as well as monitoring the communal wastewater treatment facilities and MCK++ in several villages.

UPTD PAL of Ambon City is now in need of managerial and technical capacity buildings. In January 2014, the Local Government Working Unit (SKPD) will discuss and choose the right staff to manage UPTD PAL better.

The city regulation of scheduled desludging which was signed in November 2013 also contribute in maximizing the role and function of UPTD PAL to manage domestic wastewater in Ambon City.

Regional highlights by sector

Regional Highlights of Water Supply Sector

Main activity conducted this quarter in water supply sector was focus to support PDAM partners to improve their performance in technical, management and financial aspects. These programs for PDAM were continuation of previous quarter activities such as direct technical assistance to PDAM technical staff, monitoring and evaluation of existing pipeline system using the EPANet software, regular monitoring to the implementation of Water Quality Management, and NRW reduction program. The summary of program highlights this quarter in the water supply sector is divided into two parts: Anchor Site and other program highlights.

Anchor Project #1 Promotion to increase access to water supply in Kab. Jeneponto.

- The anchor site of Kab. Jeneponto to support the increased access to safe water supply is implemented through optimizing the PDAM Jeneponto idle capacity of water treatment plan 2x20 Liter Per Second combined with micro credit for access to low income households (MBR); the targeted areas cover Tamalatea, Arung Keke, Batang and Kelara sub districts. This quarter several activities were conducted such as (a) Water Quality management improvement, (b) Spatial database development based on GIS system, and (c) Increasing of MBR access through the micro credit program implementation.

Other program highlights of the water supply sector

- Facilitated the Customer Forum development in PDAM Maros, Takalar, Sidrap, Bantaeng and Jayapura;
- Support the replacement of customer water meter of PDAM Jayapura in 2 new zones of Jayapura City that cover 400 households.
- Finalized and Handled over the Final Report of optimizing and development the distribution pipeline of PDAM Makassar to PDAM Makassar;
- Conducted pre assessment and data collection for new SOP Development in PDAM Maros, Parepare and Enrekang, implemented by third party;
- Conducted FGD to formulate the tariff classification for Jeneponto, Takalar and Maros districts.

- Conducted the promotion of the micro credit program for water supply and sanitation access. This quarter the additional connection made is 12 HH connected to improved sanitation system in Jeneponto district and 18 HH connected to new safe water system in Sidrap district.
- Conducted FGD to develop the tariff classification for PDAM Kab. Jeneponto, Takalar and Maros.

Regional Highlights of Sanitation Sector

In sanitation sector, beside the support to UPTD development, IUWASH Team also focused on the development of communal sanitation system financed under Sanimas and USRI Programs. The support to USRI Program is only for Kota Makassar. A new potential partnership with sAIIG Program raised to develop improved sanitation system through small sewerage system in Makassar, Ambon and Maros. IUWASH agreed to support the software part through several activities such as promotion to connect to the system, linkage with UPTD development and gender mainstreaming. The summary of program highlights this quarter in sanitation sector is divided into two parts: Anchor Site and other program highlights. The anchor site of sanitation program in South Sulawesi/Eastern Indonesia Region remains same as the previous year which is only one anchor site as described below:

Anchor Site #1: Strengthening Sanitation Institutional Arrangements (UPTD) to support construction of communal system in Kota Makassar.

- In this period, the sanitation program focused on strengthening of UPTD PAL Kota Makassar. The main activity is providing guidance on development of Standard Operational Procedure (SOP) for the institution. The program is implemented through a personal consultant under PO scheme for 3 months starting August 29, 2013 until December 2, 2013. The consultant was accompanied by staff of UPTD PAL and support them to develop the SOP including the guidance on the implementation of the SOP, so all the UPTD staff will function based on the duties designated. After this work, IUWASH held a workshop to staff UPTD to discuss and evaluate the results of the implementation of the SOP. There are 8 topics of the Institutional SOPs that covered aspect of management and administration of the UPTD operation; IUWASH has completed all activities on the SOP development for UPTD Makassar and handed it over to PEMDA of Kota Makassar represented by the Department of Public Works. The handover of the SOP was conducted through a workshop attended by 25 people come from Pokja AMPL, UPTD, Bappeda and Public Works Department.

Other program highlights of the Sanitation sector

- Development of Communal Sanitation Program: collaboration with Satker PLP of the South Sulawesi Province and Kota Makassar to conduct the capacity building for USRI facilitators and KSM/BKM to finalized the construction of communal systems in 16 locations that will be estimated to connect 800 Households in Kota Makassar. There are 24 locations of IPAL communal constructed by USRI Program. IUWASH provided support the capacity building to the development of this program in FY 2013. The total access will be covered by these facilities are 1300 households. In the other locations, IUWASH supported the capacity building of KSM to finalize the construction and conduct promotion the increase connection of IPAL communal in Kota Parepare and Kab Bantaeng. In Kota Jayapura, IUWASH supported the Satker PLP Papua Province and consultant of Sanimas to conduct assessment for new locations and conduct triggering for community at Kel. Entrop. A total of 8 units of communal system in this area are supported by IUWASH.
- Development of Small Sewerage system: IUWASH supports the sAIIG program in Kota Makassar, Kab Maros and Kota Ambon. Since the sAIIG program was just started, IUWASH involved in several meetings with PEMDA, Pokja AMPL and also consultants. In Kab Maros and

Kota Ambon, IUWASH already conducted promotion to socialize the program. In Kota Makassar, IUWASH already has been implementing the capacity building for UPTD PAL related technical and strengthening of institutional.

- Development of Urban Sludge Management: IUWASH supported the development of “Sistem Layanan Lumpur Tinja” (regular desludging service) in the pilot project at Perumahan Tamanlanrea, Makassar. In this pilot area, there are 32 buildings will be tested for the pilot of sludge removal services. UPTD Kota Makassar started this activity in December 2013.
- Support the strengthening of Pokja AMPL: The capacity building for the Pokja AMPL was conducted through a comparative study to Lagoon BTDC Nusa Dua Bali and IPAL Sewung at Kota Denpasar. The purpose of this comparative study was to provide learning to the UPTD PAL staff, the officer of Local Government for the management of wastewater by comparing Private and Government. The main topic for learning is on the differences and preparation processes to develop the institution. The results of this study are expected to support the preparation of regulations and budgets to support the UPTD PAL operation.

Regional Highlights in Crosscutting Sector

The focus of the Crosscutting Sector program activities this quarter was the continuation of the development of regulation supported UPTD development and initiate the CEM development. Below is the detailed highlight of the program activities this quarter:

- The regulation supported the UPTD development in Kota Ambon has been signed by the Mayor on 30 September 2013 (Perwal No. 12 Tahun 2013). The same regulation was also signed by the Mayor of Kota Jayapura on 27 September 2013 (Perwal No. 10 Tahun 2013). After signing of these regulations, the Local Government will start to conduct capacity building for LG staff will manage the UPTD as the further steps of UPTD development.
- As part of development of CEM in Kab. Enrekang, the key LG institution have agreed to apply a model on SMS Gateway and already established the development of SOP of team of public complaints complaint to be legalized under the city regulatin.
- Conducted sharing the concept and implementation steps of the PHBS and triggering activities for cadres of sanitation in 80 villages (USRI area) in Kota Makassar. This event was attended by 130 cadres.

Upcoming Events

Event Title	Date	Type of Event	Venue
Serial FGD for New SOP development , by third party	Jan – March 2014	Workshop & FGD	PDAM Kab. Maros, Kota Parepare and kab. Enrekang
Pre-survey and data collection for Water Supply Vulnerability Assessment, by third party	Jan – March 2014	Meeting & Survey	PDAM Parepare, Kab. Pinrang, Kab. Sidrap and Kab. Enrekang
NRW Reduction, assessment, Project preparation and implementation	Jan – March 2014	Meeting and discussion	PDAM Kota jayapura, Bantaeng, Maros, Jeneponto and Takalar
Evaluation KSM / BKM / KPS	January 2014	Workshop and FGD	Kab. Jeneponto, Bantaeng, Sidrap and Pinrang
Socialization Program CSR Watsan	February – March 2014	Workshop	Kota Jayapura, Ambon and Kota Parepare
Capacity building for Pokja and UPTD for sAIG implementation.	February – March 2014	Workshop / FGD	Kota Makassar, Ambon and Kab. Maros
Triggering Training for cadre	Jan 2013	Training	Kab. Pinrang and Sidrap

Event Title	Date	Type of Event	Venue
Capacity building for UPTD PAL staff	Jan – March 2014	Training & PO event	Ambon, Jayapura, Pinrang, Parepare, Maros, and Bantaeng
Identification and implementation the CEM and SOP.	Dec '13 – March '14	Workshop/FGD	Bantaeng, Enrekang dan Takalar
The increasing access of sanitation and water access through microfinance	Jan – March 2014	Training & PO event	Jeneponto, Sidrap, Pinrang, Takalar, and Maros

Cluster Report

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 addition to improve project management, they are designed to better share information with the project's many local stakeholders as well as national government partners, donors and other interested parties. The following pages will present the cluster report of South Sulawesi and East Indonesia Region, namely:

- Makassar City
- Maros District
- Takalar District
- Enrekang District and Pinrang District
- Parepare City and Sidenreng Rappang District (Sidrap)
- Jeneponto and Bantaeng District
- Ambon City
- Jayapura City & Jayapura District

SOUTH SULAWESI – EAST INDONESIA, Makassar City

Summary

Makassar City is part of Mamminasata Metropolitan Area, with a population of 1,272,349 (2010 data). PDAM coverage is 66.2% with a total of 140,457 connections. The private sector is already supporting operations at WTP Panaikang with 1,000 lps, and there are plans for WTP Tallo (2x500 lps) to be operated by private investors. The PDAM also aims to reduce NRW rates to 25% over eight years.

In the sanitation sector, PEMDA is implementing the SLBM program in four locations funded by APBN/AusAID, with software support from IUWASH serving 425 households, and 80 new CBS systems (under USRI) set to be installed over the next three years. A UPTD has been set up to manage all city sanitation programs, including *Tim Mobile*, supported by IUWASH.

Activities

Water Supply Sector:

- Finalization and handing over the final report of optimization and development of distribution pipelines of PDAM Makassar
- Conducted meeting and discussion for the next plan activities

Sanitation Sector:

- Conducted training and capacity building for new USRI facilitators supported the finalization of construction at 16 locations.
- Conducted workshop on “Sistem Layanan Lumpur Tinja” for UPTD PAL and pokja AMPL at November 25 – 26, 2014. The consultant presented the result of survey in pilot project at Perumahan Tamalanrea and the 197 buildings agree to join this pilot program.
- Assisted UPTD PAL to discuss and prepare the SOP of Institutional operation by personal consultant from IUWASH. The program produced 16 modules to be implemented by UPTD PAL.

Crosscutting Sector:

FGD with POKJA team to develop regulation supported wastewater management.

Crosscutting Sector:

- Supported the SSK and White Book review on Financial and Governance and Performance aspects.

Plan for Next Quarter:

- Prepare and implement the DED of distribution pipeline in the old city zone of Makassar, by PO personal
- Continue to assist the UPTD PAL to develop the SOP Technical
- Continue to assist the USRI and SLBM programs especially on capacity building for Sanitarians and Facilitators.
- Drafting the concept of wastewater management regulation.



Eli Syamjaya UPTD PAL

Hand Over the SOP of institution UPTD PAL from IUWASH to LG kota Makassar.

Partner Coordination:

- Collaboration activity with Satker PLP and PU Makassar related the program of USRI, SLBM and SAIG.
- Sharing GIS knowledge from IUWASH to UPTD

SOUTH SULAWESI – EASTERN INDONESIA, Maros District

Summary

Maros District 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 has accepted new WTP 20 LPS including main distribution pipes are supported by Satket Air Minum Provence, for secondary and tertiary distribution pipes PEMDA Kab. Maros has allocated the budget on APBD 2012-2013, the pipes installation work completion planning on January 2013.

PDAM Maros also have plans for establishing a public-private partnership for the Bantimurung WTP through the BOT scheme, assisted by Bappenas.

In 2012 IUWASH facilitated work on the city sanitation white book and sanitation strategy, which will be completed by December 2013. The next step in MPS will be facilitated directly by PPSP.



Activities

Water Supply Sector:

- Technical assistance to the development of distribution pipeline of IKK Tanralili
- Supported the development of customer forum
- Conducted pre-assessment and data collection for new SOP development, by third party.

Sanitation Sector:

- Supported the Satker PLP Dinas PU to promote the triggering activities in 4 locations of sAIIG.

Crosscutting Sector:

- Capacity building for Pokja AMPL and Dinas to prepare the UPTD PAL. The LG will discuss with the Secretary of the District about the services provided by UPTD PAL.

Plan for Next Quarter:

- Continue to assist the Satker PLP for sAIIG program
- Continue the preparation the UPTD PAL development
- Support Energy Efficiency Audit implemented by PDAM Parepare
- Conduct NRW reduction pre assessment and training
- Continue to provide support for the customer forum development



Hendri IUWASH SSEI

FGD UPTD form preparation and sharing information of IUWASH work plan PY-4.

Partner Coordination:

- Collaboration with PDAM to create the microfinance of water access
- LG institutions (Pokja AMPL and Dinas Lingkungan Hidup dan Kebersihan for coordination of UPTD PAL development

SOUTH SULAWESI – EASTERN INDONESIA, Takalar District

Summary

Takalar District is another part of the Mamminasata Metropolitan Area. In 2011, the total service coverage of the PDAM was 16.11% of a total population of 269,603 people. There are 7,237 PDAM connections and the NRW rate is 18.95%.

PDAM Takalar has accepted new 2x20 LPS WTP including main distribution pipes supported by Satker Air Minum Province, and Secondary and Tertiary distribution pipelines supported by APBD Kab. Takalar and PDAM funding.

Takalar District has nine subdistricts (*kecamatan*), 14 public health centers, and 28 sanitarians. Limited STBM activities have been underway since 2009, and IUWASH began supporting this program last year.



Activities

Water Supply Sector:

- Supported the development of customer forum
- Provided technical assistance for the evaluation of existing distribution pipeline.

Sanitation Sector:

- Support provided by IUWASH to Satker PLP, Dinas PU and consultant of SLBM and Sanimas Program on promotion of IPAL communal instead of MCK++. Next year they have allocation for construction of 3 communal systems.
- Supported the development of concept and steps of development of UPTD PAL.



Hendri/IUWASH SSEI

Discussion and demonstration tool of water meter tester, it's important for accuracy water meter to decrease NRW.

Plan for Next Quarter:

- Conduct evaluation the KSM/BPS of MCK++ in 3 locations of SLBM DAK APBN FY 2012 and 2013.
- Conduct capacity building of Pokja AMPL to support the sanitation program.
- Participate the sharing information on Energy Efficiency Audit study implemented by PDAM Parepare
- Conduct NRW reduction on pre assessment and training
- Continue to provide support on the development of customer forum

Partner Coordination:

- Coordination meeting with PDAM related Customer Communication Forum and Microfinance.
- USRI/SLBM Program on Communication with community groups in poor facility of access sanitation.

SOUTH SULAWESI – EASTERN INDONESIA, Enrekang & Pinrang Districts

Summary

PDAM coverage in Enrekang District was 26% of a population of 208,300, with 6,234 connections. The reported NRW rate is 23%. The PDAM is primarily using surface water as its raw water source. The Water Supply Master Plan for PDAM Parepare includes a requirement to receive raw water from the river in Kab. Enrekang. IUWASH has agreed to support the Parepare and Enrekang PDAMs and PEMDA from to develop a regionalization plan for raw water.

PDAM Enrekang has accepted new 20 LPS WTP including main distribution pipes supported by Satker Air Minum Province, and Secondary and Tertiary distribution pipelines supported by APBD Kab. Takalar and PDAM funding.

Pinrang District is new areas selected on FY3. Total population of Pinrang District is 345,962. PDAM coverage is 9,4 % with 6,516 connections and NRW around 25.7 %.

Activities

Water Supply Sector:

- Provided direct technical assistance on the development of PDAM Pinrang spatial database on GIS system, by PO services.
- Conducted coordination meeting on the progress of program implementation in PY3 and next plan program in PY4.

Sanitation Sector:

- Conducted discussion with Pokja AMPL Kab. Enrekang to prepare the implementation of Sanitation program for next year.
- Conducted discussion with Satker PLP to support the construction of IPAL communal in 2014 in Pinrang. Since 2011, they built only MCK++ and after IUWASH introduced the IPAL communal technology, they agreed to construct IPAL communal in 2 locations

Crosscutting Sector:

- Conducted workshop and discussion with the Mayor of Kab. Pinrang, Pokja AMPL and Dinas Kebersihan dan Pertamanan to preparation the UPTD PAL at Kab. Pinrang.

Conducted on CEM development in Kab. Enrekang.

Plan for Next Quarter:

- Conduct evaluation the KSM/BPS of MCK++ in 6 locations of SLBM DAK APBN FY 2012 and 2013.
- Continue to promote the triggering activities for community of SLBM and Sanimas programs.
- Conduct WQM training and technical assistance
- Provide technical assistance for the evaluation and development existing distribution pipeline
- Conduct data collection of Water Supply Vulnerability Assessment.
- Support development of UPTD PAL-Pinrang and CEM-Enrekang



Ridwan Habibie/IUWASH SSEI

Water treatment plan - PDAM Pinrang.

Partner Coordination:

- Coordination meeting with Bupati Pinrang and staffs related new work plan PY-4

SOUTH SULAWESI – EASTERN INDONESIA, Parepare City & Sidrap District

Summary

PDAM coverage in Parepare City reached 77% of a total population of 129,013, with 16,452 connections and an reported NRW rate of around 25%. The PDAM faces problems due to a shortage of raw water, and the Water Supply Master Plan includes a requirement for raw water to be supplied by Kab. Enrekang. IUWASH has agreed to support increased raw water sources.

IUWASH is also collaborating with Dinas PU Kota Parepare to promote sanitation in three locations and socialize PHBS for behavior change in target communities. The BCC program will focus on building the capacity of sanitarians to improve hygiene behavior, and on implementing STBM (which began in 2010) through triggering training.

Kabupaten Sidrap (abbreviated as Sidrap) is a new area, with PDAM coverage of 11.50% (for a population of 287,918 people), 5,514 connections and a high NRW rate. The chief problem faced is a shortage of raw water, and according to the Master Plan the raw water is supplied from Kab. Enrekang.



Activities

Water Supply Sector:

- Conducted assessment and data collection supported development of new SOP in PDAM Parepare
- Provided direct technical assistance for PDAM Sidrap on spatial database development base on GIS system
- Supported PDAM Sidrap on customer forum development

Sanitation Sector:

- Conducted discussion and showed the Sanitation Technology for Satker PLP to support the construction of IPAL communal in 2014 in Kab. Sidrap. Since 2011, they built MCK++ and after IUWASH introduced the IPAL communal technology, they agreed to construct IPAL communal in 6 locations in 2014.
- Conducted the identification and evaluation of KSM/BPS for 8 locations in FY 2011, 2012 and 2013. This event attended by 25 participants.

Crosscutting Sector:

- Conducted FGD related to form the UPTD PAL.

Plan for Next Quarter:

- Conduct workshop on CSR for support Watsan program
- Conduct promotion the Urban Sanitation for 12 Locations of SLBM DAK.
- Conduct socialization and sharing information on Energy Efficiency Audit Study that will be implemented in PDAM Parepare
- Provide technical support for the evaluation and development of existing distribution pipelines in PDAM Sidrap



Abdul Muin/ IUWASH SSEI

Workshop Identification and Evaluation
KSM/BPS SLBM DAK APBN Kota Parepare.

Partner Coordination:

- Coordination meeting with mayor of Parepare and staffs related new work plan PY-4
- City Coordinator involved in Musrenbang Kota

SOUTH SULAWESI - EASTERN INDONESIA, Jeneponto & Bantaeng District

Summary

PDAM Jeneponto has coverage of 10.71% (5,702 connections) in a population of 334,175 people, and an NRW rate of around 20%. Under the 2011 APBN program, the PDAM received a Water Treatment Plant (10 lps) including distribution pipes, and will receive an additional plant under the 2012 APBN. STBM activities have been ongoing since 2010, but only became serious with the arrival of IUWASH. Progress in STBM activity has not been fully recorded, as there are still obstacles to improved sanitation in both urban and rural areas.

Bantaeng District is new area selected on FY3. Total population of Bantaeng District is 176,699 people. PDAM coverage is 11,5 %, total connection 9,739 units and NRW around 18.6 %.

Activities

Water Supply Sector:

- Conducted Monitoring the WQM implementation in PDAM Jeneponto
- Provided direct technical assistance for PDAM Bantaeng on spatial database development, by third party
- Supported PDAM Bantaeng on Customer Forum development

Sanitation Sector:

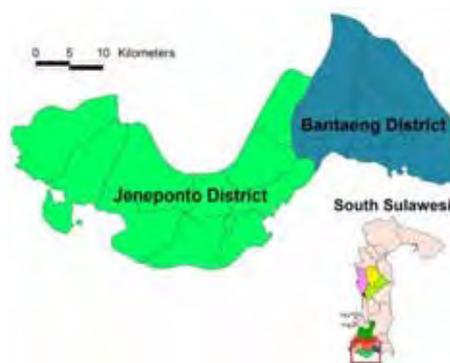
- Assisted the KSM in 3 locations of MCK++ to cover 100 HH on FY 2013 in Jeneponto and 3 IPAL Communal and combination MCK++ at 3 locations to supply the 200 HH in Bantaeng.
- Conducted the capacity building for Pokja AMPL Kab. Jeneponto that participated by 30 people to preparation the PPSP 2014.

Crosscutting Sector:

- Conducted identification and assessment on the concept and implementation of CEM.

Plan for Next Quarter:

- Conduct workshop on identification and evaluation of KSM/BPS SLBM DAK for Kab. Jeneponto and Bantaeng
- Conduct capacity building for the Pokja AMPL on implementation the Sanitation program from SSK
- Continue capacity building for community to use the sanitation facilities,
- Provide technical support for the evaluation and development of existing distribution pipelines
- Conduct NRW reduction pre-assessment and training
- Conduct PDAM Jeneponto to attend sharing information on Energy Efficiency Audit study implemented in PDAM Parepare.
- Finalize the CEM development



Nur Sudibyo/ IUWASH SSEI

Prepared the sanitation access with microfinance.



Nur Sudibyo/ IUWASH SSEI

Customer Communication Forum Preparation in PDAM Bantaeng

Partner Coordination:

- Sharing information to Cooperative related the Mechanism of microfinance implementation

SOUTH SULAWESI – EASTERN INDONESIA, Ambon City

Summary

The total population of Ambon City is 340,000 people, with PDAM coverage of 15.6% (8,857 connections) and a high NRW rate in excess of 60%. PT. DSA is a private operator in Ambon, with around 9,000 connections.

PDAM Ambon has received intake facilities and main distribution pipelines for Desa Passo (APBN), and the Satker guaranteed that the PDAM would receive additional distribution pipelines under the 2011/12 APBN, provided there is a good DED for the whole system.

There is a substantial sanitation program financed by SLBM/APBN in Kayu Tiga, Kec. Sirimau and Kate-Kate, Kec. Teluk Baguala, serving 325 households, with house connections beginning in December 2011.

Ambon has 22 health centers in five districts. STBM and PHBS activities will focus on providing insight to SKPDs and community leaders, who are then expected to increase their commitment to the STBM programs.



Activities

Water Supply Sector:

- Supported and monitored construction of water supply system in Passo funded by APBN, with DED supported by IUWASH

Sanitation Sector:

- Supported the Satker PLP Dinas Tata Kota to promote the triggering activities for sAIG locations at Desa Nania and preparation for the next program of sAIG, for cover 200 households; the construction already 50%. Done and target for finishing is April 2014.

Small Grant Program

- Perkumpulan Murkele (IUWASH Grantee) conducted presentation on waste water master plan and DED for Pokja AMPL, academia, NGO and women organization. The participant is 50 peoples.

Crosscutting Sector:

- Discussed with Dinas Kebersihan to prepare the UPTD PAL development of kota Ambon.

Plan for Next Quarter:

- Conduct workshop on identification and evaluation of KSM/BPS SLBM DAK APBN 2011, 2012 and 2013
- Assist the PEMDA to prepare the UPTD PAL
- Assist Murkele to finalize master plan and conduct final workshop
- Encourage the funding from APBD Ambon to install secondary & tertiary distribution pipeline of water supply system in Passo Ambon
- Conduct the WQM training and technical assistance



Hendri Saputra/ IUWASH SSEI

Intake Wai Heru, Passo Ambon.

Partner Coordination:

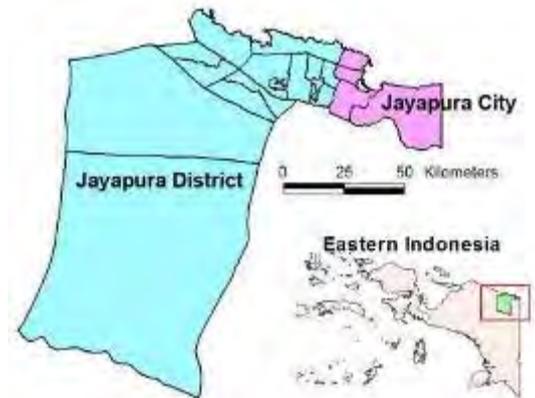
- Collaboration with Satker PLP and Air Minum in Maluku Province. City Coordinator involved in Musrenbang Kota

SOUTH SULAWESI – EASTERN INDONESIA, Jayapura City & Jayapura District

Summary

PDAM service coverage in Jayapura is around 50%, with 27,027 connections and a single PDAM serving both areas. The main problems are a high NRW rate (above 50%), poor billing efficiency, and a lack of raw water sources. Under the APBN, the PDAM committed to develop the water supply in Kotaraja Timur and Dalam, contingent on the PDAM receiving technical support (from IUWASH) to improve the current design.

Jayapura has few communal sanitation systems, and the population relies on individual septic tanks, which are often of poor quality. The local people also practice open defecation. Improved infrastructure is required, combined with behavior change programs to protect people's health and the environment, especially Lake Sentani as the future water source.



Activities

Water Supply Sector:

- Supported PDAM Jayapura on NRW reduction program and customer forum development
- Encouraged Provincial Government of Papua to get APBD funding for the construction and installation ground reservoir and transmission pipelines for water supply system in Kotaraja Dalam and Luar.
- Conduct coordination meeting with PDAM Jayapura and Kapolres Kota Jayapura to prepare MOU for illegal connection

Sanitation Sector:

- Conduct capacity building to Pokja AMPL Kota Jayapura, PNPM Mandiri consultant, NGO, Satker PLP Prov Papua and LG / Pokja Kota Jayapura to support the SANIMAS program
- Presented results of EHRA and White Book of Sanitation together with Dinas Kesehatan Kota Jayapura. The presentation was also participated by sanitarians and Women Organization.

Small Grant Program:

- Completed survey on condition of toilet, the management of sludge collection and effluent of Danau Sentani. The results will be presented in end of January.

Crosscutting Sector:

- Drafted the MOU between PDAM Jayapura and Kapolres Kota Jayapura for illegal connection

Plan for Next Quarter:

- Conduct workshop CSR to support the Watsan program in Kota Jayapura
- Continue to support community mobilization for 2 locations of Sanimas program at Kota Jayapura
- Conduct workshop on interim report of Small Grant program.
- Conduct WQM training & technical assistance
- Support to illegal connection reduction program as collaboration between PDAM Jayapura and Polres Kota Jayapura
- Finalize the MoU of illegal connection.



Agung Kurniawan/ IUWASH SSEI

NRW reduction survey in PDAM Jayapura.

Partner Coordination:

- Coordination meeting with Pokja AMPL, PDAM related with customer communication forum, illegal connection,
- Sharing and discuss with Dinas PU Kab. related Sanitation program FY 2014.
- Collaboration with Satker PLP and Air Minum in Papua Province. City Coordinator participated in Donor Meeting

Section 5

PROJECT MONITORING & EVALUATION

INTRODUCTION

During the first quarter of PY4, the IUWASH Monitoring and Evaluation (M&E) Program continues to provide progress report based on PMP outcome indicators. There is no changing on the way of tracking and reporting of the IUWASH outcome indicators even though the approach of the IUWASH program implementation was changed from component-based into the sector-based program. The presentation of the achievements on the IUWASH outcomes is still based on the IUWASH technical components. The only significant change under this section starting this quarter is that the progress towards IUWASH Results and Outcomes no longer uses descriptive summary of each outcome but only shows the quantitative achievement of the results and outcomes. The reason for this is to avoid repetition of description of the progress of the outcome, as it is already provided in the previous sections (Section 2 and 4). Therefore the table below shows the quantitative achievements made in PY1, PY2, PY3 and PY4 (this year). Achievement for this year achievement will be broken down by quarter and the last column in the table shows the total achievements as percentage of total target. In this column, the figures are the cumulative achievements of the outcome up to this reporting period. By using this new format, it will be easier to track the progress made by each outcome.

The IUWASH progress this quarter 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)

Also important to note here is that several adjustments are made after IUWASH received the contract modification #8 dated 30 September 2013. The adjustments are as follows:

- Increasing total target over the life of the project for the Outcome HR-2 and HR-4
- Adding 7 new outcomes under three technical components as described below:

Component	New Outcome
MD Component	<ul style="list-style-type: none"> • MD.6. Number of TOT conducted for LG officials, staff & community leaders related to participatory planning activities, such as "triggering" exercises, and behavior change programming developed
IC Component	<ul style="list-style-type: none"> • IC.8. Number of municipal sanitation management units established with supporting policies, budgets and personnel • IC.9. Number of "Sustainable Urban Sanitation Framework" adopted by the GOI as a key part of national sanitation programming policy • IC.10. Number of people from stakeholders institutions increased capacity to adapt to the impacts of climate variability and change as a result of USG assistance • IC.11. Number of climate adaptation tool, associated technology, and methodology developed, tested and/or adopted as a result of USG assistance
EE Component	<ul style="list-style-type: none"> • EE.6. Number of new or improved regulation to facilitate access to capital financing in the water sector • EE.7. Number of central government officials exposed to alternative financing options in the water sector in the US or other applicable context

The revised PMP after the contract modification is still in process and will be submit and (hopefully) get approval from USAID in the next quarter. This quarter, IUWASH already adjusted the additional targets and new outcomes in the detailed PMP report below, but no quantitative achievement were made except for the HR-4 outcome. Starting next quarter IUWASH will report all the outcomes indicator based on approved PMP revision. As presented in the previous QPR, the outcomes highlighted in yellow are the outcomes contributing to the USAID Operational Plan (USAID OP) indicators.

This quarter IUWASH only provide quantitative achievements for the following outcomes:

- **Outcome HR.4:** Number of people trained in IUWASH training type of activities
- **Outcome MD.2:** Number of civil society groups and/or government cadres implementing programs to mobilize improved access to safe drinking water and adequate sanitation
- **Outcome IC.4:** Number of local government institutions implementing necessary climate change adaptation measures, based on preliminary raw water sources vulnerability assessment
- **Outcome IC.6:** Number of small and medium business providing affordable construction and sanitation facility management services
- **Outcome IC.10:** Number of people from stakeholders institutions increased capacity to adapt to the impacts of climate variability and change as a result of USG assistance
- **Outcome EE.1-a (Policy development):** Number of policies developed to support the improvement of water supply and sanitation sector
- **Outcome EE.3:** Increased percentage (%) in financial resources accessed by service providers from public and private sources for expansion of improved water and sanitation services
- **Outcome EE.4:** Number of low income households accessing micro finance for household improvements in water and sanitation

See table below for more detailed information on the outcome above.

SUMMARY OF ACHIEVEMENT OF PMP OUTCOMES BY PROVINCE

Status December 2013

Note: The rows with yellow color indicate the IUWASH results and outcomes that contribute to the Operational Plan (OP) Performance indicators.

PMP Outcome Indicator	Target Over the life of Project	Achievement			Achievements Thru PY3	PY4 Achievement					Total Achievements as % of total target	
		PY1	PY2	PY3		Region	Q1	Q2	Q3	Q4		Total up to this Quarter
High Level Result (HR)												
<u>HR.1.</u> Number of people in urban areas gain access to improved water supply as a result of US Government assistance	2,000,000	0	251,630	595,885	847,515 (42.38%)	NS	N/A				0	847,515 (42.38%)
						WJDB	N/A					
						CJ	N/A					
						EJ	N/A					
						SSEI	N/A					
Total Achievement of HR-1						0						
<u>HR.2</u> Number of people in urban areas gain access to improved sanitation facilities as a result of US Government assistance	250,000	0	13,730	47,710	61,440 (24.58%)	NS	N/A				0	61,440 (24.58%)
						WJDB	N/A					
						CJ	N/A					
						EJ	N/A					
						SSEI	N/A					
Total Achievement of HR-2						0						

QUARTERLY PROGRESS REPORT 11
OCTOBER - DECEMBER 2013

PMP Outcome Indicator	Target Over the life of Project	Achievement			Achievements Thru PY3	PY4 Achievement					Total up to this Quarter	Total Achievements as % of total target
		PY1	PY2	PY3		Region	Q1	Q2	Q3	Q4		
High Level Result (HR)												
<u>HR.3</u> 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	20	0	32%	21%	27% (135%)	NS	N/A				0%	27% (135%)
						WJDB	N/A					
						CJ	N/A					
						EJ	N/A					
						SSEI	N/A					
Total Achievement of HR-3							0					
<u>HR.4</u> Number of people trained in IUWASH training type of activities	75,000	417	14,834	22,078	37,329 (49.77%)	NS	523				4,407	41,736 (83.47%)
						WJDB	1082					
						CJ	793					
						EJ	1336					
						SSEI	673					
Total Achievement of HR-4							4,407					

QUARTERLY PROGRESS REPORT 11
OCTOBER - DECEMBER 2013

PMP Outcome Indicator	Target Over the life of Project	Achievement			Achievements Thru PY3	PY4 Achievement					Total up to this Quarter	Total Achievements as % of total target
		PY1	PY2	PY3		Region	Q1	Q2	Q3	Q4		
Component 1: Mobilize Demand for Improved Water and Sanitation Services (MD)												
MD.1 Number of households willing to pay for sanitation improvements	40,000	0	2,113	7,261	9,374 (23.44%)	NS	N/A				0	9,374 (23.44%)
						WJDB	N/A					
						CJ	N/A					
						EJ	N/A					
						SSEI	N/A					
Total Achievement of MD-1						0						
MD.2 Number of civil society groups and/or government cadres implementing programs to mobilize improved access to safe drinking water and adequate sanitation	100	0	35	173	208 (208%)	NS	1				6	214 (214%)
						WJDB	2					
						CJ	1					
						EJ	2					
						SSEI	0					
Total Achievement of MD-2						6						
MD.3 Number of civil society groups that report on PDAM operations or performance	20	0	0	0	0 (0%)	NS	N/A				0	0 (0%)
						WJDB	N/A					
						CJ	N/A					
						EJ	N/A					
						SSEI	N/A					
Total Achievement of MD-3						0						

QUARTERLY PROGRESS REPORT 11
OCTOBER - DECEMBER 2013

PMP Outcome Indicator	Target Over the life of Project	Achievement			Achievements Thru PY3	PY4 Achievement					Total Achievements as % of total target	
		PY1	PY2	PY3		Region	Q1	Q2	Q3	Q4		Total up to this Quarter
Component 1: Mobilize Demand for Improved Water and Sanitation Services (MD)												
MD.4. Number of sanitation for the poor toolkit developed	1	0	0	0	0 (0%)	NS	N/A				0	0 (0%)
						WJDB	0					
						CJ	N/A					
						EJ	N/A					
						SSEI	N/A					
Total Achievement of MD-4						0						
MD.5. Percent increased of household that adopted improved health and hygiene practices	20	N/A	N/A	N/A	N/A	NS	N/A				N/A	N/A (*)
						WJDB	N/A					
						CJ	N/A					
						EJ	N/A					
						SSEI	N/A					
Total Achievement of MD-5						0						
MD.6. Number of TOT conducted for LG officials, staff & community leaders related to participatory planning activities, such as "triggering" exercises, and behavior change programming developed	1	N/A	N/A	N/A	N/A	NS	N/A				0 (***)	0 (0%)
						WJDB	0					
						CJ	N/A					
						EJ	N/A					
						SSEI	N/A					
Total Achievement of MD-1						0						

(*) Up to end of December 2013, IUWASH conducted first and second survey under this outcome. All the report will be reported in next quarter.

(**) The percentage indicates the average of expected target this year. IUWASH will provide results of the monitoring on improved behavior practices and will provide the actual percent increase.

(***) This outcome is additional new outcome after IUWASH Contract Modification #8 dated 30 September 2013

PMP Outcome Indicator	Target Over the life of Project	Achievement			Achievements Thru PY3	PY4 Achievement					Total Achievements as % of total target	
		PY1	PY2	PY3		Region	Q1	Q2	Q3	Q4		Total up to this Quarter
Component 2: Improve Capacity to Provide Sustainable Safe Water and Sanitation Services (IC)												
IC.1. Number of PDAMs with improved technical, financial and management performance by 20%	50	0	4	30	34 (*) (68%)	NS	N/A				0	34 (68%)
						WJDB	N/A					
						CJ	N/A					
						EJ	N/A					
						SSEI	N/A					
Total Achievement of IC-1						0						
IC.2. Number of PDAMs in default of old debts are assisted in restructuring their outstanding debts	20	0	3	8	11 (55%)	NS	0				0	11 (55%)
						WJDB	0					
						CJ	0					
						EJ	0					
						SSEI	0					
Total Achievement of IC-2						0						
IC.3. Number of PDAMs with improved credit worthiness	20	0	0	4	4 (20%)	NS	N/A				0	4 (20%)
						WJDB	N/A					
						CJ	N/A					
						EJ	N/A					
						SSEI	N/A					
Total Achievement of IC-3						0						

(*) Indicate total PDAMs supported by IUWASH and those PDAM already increase their performance by 20%. IUWASH will continue to review their performance and will update their performance in the next quarter

PMP Outcome Indicator	Target Over the life of Project	Achievement			Achievements Thru PY3	PY4 Achievement					Total Achievements as % of total target	
		PY1	PY2	PY3		Region	Q1	Q2	Q3	Q4		Total up to this Quarter
Component 2: Improve Capacity to Provide Sustainable Safe Water and Sanitation Services (IC)												
IC.4. Number of local government institutions implementing necessary climate change adaptation measures, based on preliminary raw water sources vulnerability assessment	20	0	0	0	0 (0%)	NS	0				0	0 (0%)
						WJDB	0					
						CJ	0					
						EJ	0					
						SSEI	0					
Total Achievement of IC-4						0						
IC.5. Number of local governments implementing integrated sanitation and hygiene interventions that reflect their citywide sanitation strategic plans	30	0	0	0	0 (0%)	NS	N/A				0 (*)	0 (0%)
						WJDB	N/A					
						CJ	N/A					
						EJ	N/A					
						SSEI	N/A					
Total Achievement of IC-5						0						

(*) This figure indicates number of Local Government implement sanitation program based on their City Sanitation strategy (CSS). However, IUWASH need to measure 2 indicators such as progress of CSS development and a significant sanitation program implementation. At the end of PY4, IUWASH will provide the actual number of Local Government implement sanitation program based on their City Sanitation strategy (CSS).

PMP Outcome Indicator	Target Over the life of Project	Achievement			Achievements Thru PY3	PY4 Achievement					Total Achievements as % of total target	
		PY1	PY2	PY3		Region	Q1	Q2	Q3	Q4		Total up to this Quarter
Component 2: Improve Capacity to Provide Sustainable Safe Water and Sanitation Services (IC)												
IC.6. Number of small and medium business providing affordable construction and sanitation facility management services	30	0	0	4	4 (13.33%)	NS	0				0	4 (13.33%)
						WJDB	0					
						CJ	0					
						EJ	0					
						SSEI	0					
Total Achievement of IC-6						0						
IC.7. Increased percentage (%) of poor residents in targeted communities who report greater satisfaction with water and sanitation services	20	0	0	77.75	77.75% (388.75%)	NS	N/A				0 (*)	77.75% (388.75%)
						WJDB	N/A					
						CJ	N/A					
						EJ	N/A					
						SSEI	N/A					
Total Achievement of IC-7						0						

(*) This quarter, IUWASH doesn't conduct survey on satisfaction of the poor. The survey is expected to be conducted in the following quarter.

PMP Outcome Indicator	Target Over the life of Project	Achievement			Achievements Thru PY3	PY4 Achievement					Total up to this Quarter	Total Achievements as % of total target
		PY1	PY2	PY3		Region	Q1	Q2	Q3	Q4		
Component 2: Improve Capacity to Provide Sustainable Safe Water and Sanitation Services (IC)												
IC.8. Number of municipal sanitation management units established with supporting policies, budgets and personnel	10	N/A	N/A	N/A	N/A (*)	NS	N/A				0 (*)	0 (0%)
						WJDB	N/A					
						CJ	N/A					
						EJ	N/A					
						SSEI	N/A					
Total Achievement of IC-8						0						
IC.9. Number of "Sustainable Urban Sanitation Framework" adopted by the GOI as a key part of national sanitation programming policy	1	N/A	N/A	N/A	N/A (*)	NS	N/A				0 (*)	0 (0%)
						WJDB	N/A					
						CJ	N/A					
						EJ	N/A					
						SSEI	N/A					
Total Achievement of IC-9						0						
IC.10. Number of people from stakeholders institutions increased capacity to adapt to the impacts of climate variability and change as a result of USG assistance	100	N/A	N/A	N/A	N/A (*)	NS	0				0 (*)	0 (0%)
						WJDB	0					
						CJ	0					
						EJ	0					
						SSEI	0					
Total Achievement of IC-10						0						

(*) This outcome is additional new outcome after IUWASH Contract Modification #8

PMP Outcome Indicator	Target Over the life of Project	Achievement			Achievements Thru PY3	PY4 Achievement					Total up to this Quarter	Total Achievements as % of total target
		PY1	PY2	PY3		Region	Q1	Q2	Q3	Q4		
Component 2: Improve Capacity to Provide Sustainable Safe Water and Sanitation Services (IC)												
IC.11 Number of climate adaptation tool, associated technology, and methodology developed, tested and/or adopted as a result of USG assistance	1	N/A	N/A	N/A	N/A (*)	NS	N/A				0 (*)	0 (0%)
						WJDB	N/A					
						CJ	N/A					
						EJ	N/A					
						SSEI	N/A					
Total Achievement of IC-11						0						

(*) This outcome is additional new outcome after IUWASH Contract Modification #8

PMP Outcome Indicator	Target Over the life of Project	Achievement			Achievements Thru PY3	PY4 Achievement					Total Achievements as % of total target	
		PY1	PY2	PY3		Region	Q1	Q2	Q3	Q4		Total up to this Quarter
Component 3: Create an Enabling Environment Supporting Equitable Water and Sanitation Services (EE)												
<u>EE.1-a (Policy development)</u> Number of policies developed to support the improvement of water supply and sanitation sector	50	0	5	6	11 (22%)	NS	1				9	20 (40%)
						WJDB	2					
						CJ	2					
						EJ	1					
						SSEI	3					
Total Achievement of EE-1							9					
<u>EE.1-b (budget increased)</u> Number of participating local governments that put greater priority on safe drinking water and sanitation through supportive local policies and budget allocation increases	50 (Cumulative)	0	3	4	7 (14%)	NS	N/A				0	7 (14%)
						WJDB	N/A					
						CJ	N/A					
						EJ	N/A					
						SSEI	N/A					
Total Achievement of EE-2							0					

PMP Outcome Indicator	Target Over the life of Project	Achievement			Achievements Thru PY3	PY4 Achievement					Total Achievements as % of total target	
		PY1	PY2	PY3		Region	Q1	Q2	Q3	Q4		Total up to this Quarter
Component 3: Create an Enabling Environment Supporting Equitable Water and Sanitation Services (EE)												
<u>EE.2</u> Number of PDAMs or local government obtain access to long-term funding for water or sanitation investment plans	15	0	0	0	0 (0%)	NS	N/A				0	0 (0%)
						WJDB	N/A					
						CJ	N/A					
						EJ	N/A					
						SSEI	N/A					
Total Achievement of EE-3						0						
<u>EE.3</u> Increased percentage (%) in financial resources accessed by service providers from public and private sources for expansion of improved water and sanitation services	10	0	3.47%	7.15%	7.15% (71.5%)	NS	44,535.56				0.15%	7.30% (73%)
						WJDB	5,688.89					
						CJ	289,672.00					
						EJ	83,300.00					
						SSEI	4,311.11					
Total Achievement of EE-3						427,507.56						

PMP Outcome Indicator	Target Over the life of Project	Achievement			Achievements Thru PY3	PY4 Achievement					Total up to this Quarter	Total Achievements as % of total target
		PY1	PY2	PY3		Region	Q1	Q2	Q3	Q4		
Component 3: Create an Enabling Environment Supporting Equitable Water and Sanitation Services (EE)												
EE.4. Number of low income households accessing micro finance for household improvements in water and sanitation	40,000	0	2,848	4,373	7,221 (18.05%)	NS	369				1,781	9,002 (22.5%)
						WJDB	57					
						CJ	509					
						EJ	815					
						SSEI	31					
Total Achievement of EE-4						1,781						
EE.5. Number of Local Governments adopt new or improved mechanisms for citizens to engage local government in water and sanitation	20	0	0	0	0 (0%)	NS	N/A				0	0 (0%)
						WJDB	N/A					
						CJ	N/A					
						EJ	N/A					
						SSEI	N/A					
Total Achievement of EE-5						0						
EE.6. Number of new or improved regulation to facilitate access to capital financing in the water sector	1	N/A	N/A	N/A	N/A (*)	NS	N/A				0 (*)	0 (0%)
						WJDB	0					
						CJ	N/A					
						EJ	N/A					
						SSEI	N/A					
Total Achievement of EE-6						0						

(*) This outcome is additional new outcome after IUWASH Contract Modification #8

PMP Outcome Indicator	Target Over the life of Project	Achievement			Achievements Thru PY3	Region	PY4 Achievement				Total up to this Quarter	Total Achievements as % of total target
		PY1	PY2	PY3			Q1	Q2	Q3	Q4		
Component 3: Create an Enabling Environment Supporting Equitable Water and Sanitation Services (EE)												
EE.7. Number of central government officials exposed to alternative financing options in the water sector in the US or other applicable context	20	N/A	N/A	N/A	N/A (*)	NS	N/A				0 (*)	0 (0%)
						WJDB	0					
						CJ	N/A					
						EJ	N/A					
						SSEI	N/A					
Total Achievement of EE-7							0					

(*) This outcome is additional new outcome after IUWASH Contract Modification #8

ANNEXES

ANNEX 1: WATER SUPPLY MATRIX

USAID / IUWASH Water Supply Programs update: December 2013	PDAM Operational Aspects		PDAM financial Aspects			PDAM Customer Aspects			Raw Water / Climate		Water for Poor		CAPEX Finance		PDAM Institutional		total								
	WS 1		WS 2			WS 3			WS 4		WS 5	WS 6	WS 7		WS 8										
	Energy Efficiency	Non Revenue Water Reduction	DISINTEGRATION NETWORK	Production Capacity & WQC Management	GIS / MIS support	PDAM Business Plan	Tariff review / Reclassification	Billing & Accounting Programs	Debt Restructuring	Customer Satisfaction survey	Real Demand Survey / Sensus	Customer complaint handling	PDAM Customer Forum	CC Vulnerability assessment	Implementation Sumur Resegan	CC-Adaption Action Plan		Micro Finance for Water Supply	Master Meter programs	Capital Inv. Finance	Credit Worthiness Ladder	PDAM Internal SOP	Cap B. sensor: DP, DPRD, SKPD	Regionalization raw water, PDAM	
North Sumatra																						42			
1	PDAM Kota Binjai		O																		p*	1			
2	PDAM Kota Medan			O									P										2		
3	PDAM Kota Tebing Tinggi			O																		p*	O 2		
4	PDAM Kota Pematang Siantar				P						O		C	O				O					p* 5		
5	PDAM Kota Tanjung Balai	O			O	P		O		P											P	p*	6		
6	PDAM Kab. Langkat			O													O					P	P 4		
7	PDAM Kota Sibolga					P	O	O				O	O		P		O					P	P 8		
8	PDAM Kab Asahan	O	O			P	O	O		P												P	P 8		
9	PDAM Kab Labuhan Batu		O	O	O												O					P	P 6		
West Java , Banten & DKI																						47			
10	PDAM Kab. Karawang						O		P							O						p*	3		
11	PDAM Kota Bogor					O	O													P			p* 3		
12	PDAM Kota Bekasi					O	O				O								O	P			p* 5		
13	PDAM Kab Bekasi	P				O	O		P											P			p* 5		
14	PDAM Kab Purwakarta					O	O	O			O									P			p* 5		
15	PDAM Kab. Bandung											O		P					O	P			p* 4		
16	PDAM Kab. Serang		P						C			O	O	P	P	O			O	P			p* 9		
17	PDAM Kab. Lebak		O	O	O				C	O		O	P			O							p* 7		
18	PDAM Kab. Tangerang/TangSel					P			P			O					O	O					p* 5		
19	PT Palya / AETRA																P						1		
Central-Java																						74			
20	PDAM Kota Semarang	O			O	O	P		O		P	P				O				P*			8		
21	PDAM Kota Surakarta	P			O				O	O						O	O	O	C				8		
22	PDAM Kab. Kudus			O	O							O		P						P*			4		
23	PDAM Kab. Kendal				O											O		O	C	C			5		
24	PDAM Kab. Semarang				O			O			P	P	O	O	O				O	C		O	10		
25	PDAM Kota Salatiga	P	p*	O	O							O	O	O					P*	C		O	8		
26	PDAM Kab Rembang		p*	O	O			O			P	P				O			C				7		
27	PDAM Kab Sukoharjo		p*	O	O		O				P	P				O			P*	O			7		
28	PDAM Kab Klaten		p*	O	O	P	O				P	P				O			P	C			9		
29	PDAM Kab. Balang		p*	O	O		C				P	P	P		P				P*	C			8		
East-Java																						49			
30	PDAM Kab. Sidoarjo		p*													P			O		p*	2			
31	PDAM Kota Surabaya		p*													P	P					p*	2		
32	PDAM Kab. Gresik	P	p*			p*		O								P			O			p*	4		
33	PDAM Kab. Lamongan		p*	C	O	p*			O		P	p*	P					P		P		p*	8		
34	PDAM Kota Probolinggo		p*	C		p*		C				p*	P	O		P							p* 5		
35	PDAM Kab Probolinggo		p*			p*		C	O			p*		O		P	P						p* 5		
36	PDAM Kota Mojokerto		p*		O	p*	O	P				p*											p* 3		
37	PDAM Kab. Mojokerto		p*			p*			O					O	C				P	O	P		p* 6		
38	PDAM Kab Jombang		p*			p*			O				p*	C					P				p* 3		
39	PDAM Kota Malang						O					p*		O		P	P			O			p* 5		
40	PDAM Kab Malang		p*			p*			O				p*		O		P	P					p* 4		
41	PDAM Kota Batu		p*			p*							p*		O		P						p* 2		
South Sulawesi & Eastern Indonesia																						58			
42	PDAM Kota Makasar			O																			1		
43	PDAM Kab Takalar		O	O	O			O				O											5		
44	PDAM Kab Maros		O	O	O			O											O	O			7		
45	PDAM Kab Jeneponto		O		O			O															3		
46	PDAM Kota Pare-Pare		O	O	O			O					O								O		6		
47	PDAM Kab Enrekang				O			C					O								O		4		
48	PDAM Kab Pinrang		O	O	O	C		O					O										6		
49	PDAM Kab Sidrap		O	O	O	C		O				O	O							O			8		
50	PDAM Kab Bantaeng		O	O	O	C	O		O											O			9		
51	PDAM Kota Ambon		O	O	O																		2		
52	PDAM Kab./Kota Jayapura		O	O	O				O	O	O										O		7		
P+p* : Planned		4	17	0	0	13	2	2	0	5	0	1	18	8	2	1	11	8	2	3	11	6	29	0	143
Ongoing / Completed		7	9	19	15	16	11	16	5	11	3	1	0	13	15	4	4	11	3	7	13	8	0	3	194
TOTAL		11	26	19	15	29	13	18	5	16	3	2	18	21	17	5	15	19	5	10	24	14	29	3	337

ANNEX 2: SANITATION MATRIX

USAID / IUWASH Urban Sanitation Programs update: December 2013	Individual systems				Communal systems				Sewerage			Septage Management			Institutional support			total	
	SAN 1				SAN 2				SAN 3			SAN 4			SAN 5				
	Cap Building/triggereing (centre, CBO)	Construction Individual latrines	microfinance (rev. fund), SME, CSR	Improved Hygiene Practices	Community Preparation / Training	Construction Comm system	Post construction support	Improved Hygiene Practices	Promotion / Marketing Programs	Technical support (FS, DED, dll)	Institutional (long term) finance	Improved sludge systems (pilots)	IPLT design (review / new)	mobilize microfinance / SME / CSR	PPSP-14facilitator	Support & CSR Pojka (AMPL/San)	Institutional support (UPTD, PDAM)		
North Sumatra																		58	
1	Kota Binjai					P		P	P	P		P	P	P		p*	P	10	
2	Kota Medan					P		P	P	O		P						5	
3	Kota Tebing Tinggi					P		P	P	O	P	P	P	P		p*	P	11	
4	Kota Pematang Siantar					P		P	P									3	
5	Kota Tanjung Balai	O	O	O	O					P	P	P	P	P		p*	P	12	
6	Kab Langkat															C		1	
7	Kota Sibolga															C		1	
8	Kab Asahan	O	O	O	O							P	P	P		p*	P	10	
9	Kab Labuhan Batu	O	O	O	O											C		5	
West Java , Banten & DKI																		88	
10	Kab. Karawang						C									C	p*	O	3
11	Kota Bogor	O	O		O	P	O	O	O			O		O				11	
12	Kota Bekasi			P		C	C	C	P							p*	O	7	
13	Kab Bekasi					C	C	P	P							C	p*	O	7
14	Kab Purwakarta	O	O	P	O	C	C	P										7	
15	Kab Bandung	O	O	P	O	C	C	P	P		P	P				p*	O	12	
16	Kab. Serang	O	O	P	O	O	O	P	P	P		P				p*	C	13	
17	Kab. Lebak	O	O	O	O													5	
18	Kab. Tangerang	O	O	O	O	C	O	P	P				P		C	p*	O	12	
19	Kab. Tangerang Selatan					P		P	P				P			p*	P	6	
20	DKI - Jakarta						C	O		C	C		P					5	
Central-Java																		61	
21	Kota Semarang	O	O	P	P	P	O	P	P							p*	O	10	
22	Kota Surakarta	O	P	P	P	P	O	P	P	O	P	O	O	P	P			14	
23	Kab. Kudus	O	O	P	P	P		P	P							p*	O	9	
24	Kab. Kendal															p*	O	2	
25	Kab. Semarang															p*	P	2	
26	Kota Salatiga																p*	1	
27	Kab Rembang	O	O	P	P	P		P	P							p*	O	9	
28	Kab Sukoharjo	O	O	P	P	P		P	P							p*	O	9	
29	Kab Klaten					P		P	P									3	
30	Kab. Batang															p*	O	2	
East-Java																		108	
31	Kab. Sidoarjo	O	O	O	C				p*							p*	C	7	
32	Kota Surabaya	O	O	O	C	P		P	P									7	
33	Kab. Gresik	O	P	P	C	P		O	P	P						p*	O	10	
34	Kab. Lamongan	O	O	O	C				p*									5	
35	Kota Probolinggo	O	O	O	C	P		O	O			O	C			p*	O	11	
36	Kab. Probolinggo	O	O	O	P				p*	P		P					P	8	
37	Kota Mojokerto	O	O	O	C				p*				P				P	7	
38	Kab. Mojokerto	O	O	O	C				p*			O		P			O	8	
39	Kab Jombang	O	O	O	C	P		O	P		P	O		P		p*	O	12	
40	Kota Malang	O	P	P	C	P		O	P	P	C	O				p*	P	12	
41	Kab Malang	O	P	P	C	P		O	O			O	C			p*	O	11	
42	Kota Batu	O	O	O	C	P		O	O				P			p*	O	10	
South Sulawesi & Eastern Indonesia																		85	
43	Kota Makassar					O		O	p*	P		P	O	O	O	p*		9	
44	Kab. Takalar	O	P	O	P	P		P	p*							p*		8	
45	Kab. Maros								p*	P		P		P		p*	O	6	
46	Kab. Jeneponto	O	P	O	P	P		O	p*						O	p*		9	
47	Kab. Bantaeng					P		O	p*			P		P		p*	O	7	
48	Kota Pare-Pare					P		O	p*			P		P		p*	O	7	
49	Kab. Enrekang								p*							p*		2	
50	Kab. Pinrang	O	P	O	P	P		O	p*			P		P		p*	O	11	
51	Kab. Sidrap	O	P	O	P	P		O	p*							p*		8	
52	Kota Ambon					P	P	P	p*	P		P		P		p*	O	9	
53	Kab Jayapura								p*							p*		2	
54	Kota Jayapura					O		O	p*			P		P		p*	O	7	
P + p* : Planned		0	8	12	10	26	1	19	38	9	5	7	12	10	13	0	37	10	217
Ongoing and Completed		30	22	18	20	8	10	16	3	5	2	1	8	3	2	8	0	27	183
		30	30	30	30	34	11	35	41	14	7	8	20	13	15	8	37	37	400

ANNEX 3: STATUS OF IUWASH POLICY DEVELOPMENT SUPPORTED WATSAN SECTOR

Status: December 2013

No	Location	Policy Name	Steps of Framework of Policy Development										Remark											
			1.1 =	1.2 =	1.3 =	2.1 =	3.1 =	3.2 =	3.3 =	4.1 =	4.2 =													
			1.1 =	Policy identification on watsan (existing)																				
			1.2 =	Compare the existing policies on watsan and improvement needed if any																				
			1.3 =	Facilitate stakeholders on potential policy amendment or having new policy and determine the priority																				
			2.1 =	Coordinate with LG to form a team (LG agencies, POKJA AMPL, PDAM) to develop new policy/ improve policy																				
			3.1 =	Facilitate the team to process the policy amendment/develop new policy – conduct problem analysis supported policy development																				
			3.2 =	Prepare the outline of the new/amended policy																				
			3.3 =	Present the final draft to relevant stakeholders																				
			4.1 =	Conduct socialization of new policy to LG agencies																				
			4.2 =	Approval and signing the new/amended policy by Bupati/Mayor																				
			1.1	1.2	1.3	2.1	3.1	3.2	3.3	4.1	4.2													
1	Kota Tanjung Balai	Surat Keputusan Walikota (Mayor decree) of Business Plan																						Final and issued in November 2013
		Surat Keputusan Walikota (Mayor Decree) of Local Government Equity Transfer to PDAM																						Final and issued in August 2013
2	Kota Tebing Tinggi	Peraturan Daerah (Local Law) on Urban Sludge Management																						Draft for discussion with DPRD to be conducted in next quarters. Socialization to local government afterwards. Estimated signing of the policy in September 2014
		Surat Keputusan Walikota (Mayor Decree) of Business Plan.																						Draft completed for further discussion with LG. Final by mayor approval is estimated January 2014.
3	Kota Pematang Siantar	Surat Keputusan Walikota (Mayor Decree) of Business Plan.																						Final, approved in November 2013
		Surat Keputusan Walikota (Mayor Decree) on Drinking Water Tariff for Pematang Siantar																						Policy formally issued on 5 July 2013
4	Kab. Langkat	Surat Keputusan Bupati (District Head Decree) of Business Plan.																						Policy substance (Business Plan) is in process. Final for approval is estimated February 2014.

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5	Kab. Labuhanbatu	Surat Keputusan Bupati (District Head Decree) of Business Plan.									PDAM will issue internal policy for this business plan through SK of PDAM Director.
6	Kota Medan	Peraturan Walikota (Mayor Regulation) on Urban Sludge Management.									Regulation format is in process. Discussion with stakeholders to be conducted in January 2014.
7	Kota Sibolga	Surat Keputusan Walikota (Mayor decree) on Tariff Adjustment PDAM Sibolga.									Draft tariff calculation is completed. Following up for dissemination will be conducted in January 2014.
8	Kab. Asahan	N/A									N/A.
9	Kota Binjai	Peraturan Walikota (Mayor Regulation) on the Optimization of PDAM Performance									Socialization to local stakeholder (Mayor) is completed. Final for approval is estimated in July 2014.
10	Kab. Karawang	Surat Keputusan Bupati (District Head Decree) on Tariff Adjustment.									Census of Customer classification to be conducted in January 2014. Final by Bupati approval in 2014.
11	Kota Bogor	Perda No. 16 Tahun 2011 tentang Perusahaan Daerah Air Minum (PDAM) Tirta Pakian Kota Bogor									Signed on 7 December 2011
		Perda no. 17 Tahun 2012 tentang Pengelolaan Perusahaan Daerah Air Minum (PDAM) Tirta Pakuan Bogor									Signed on 7 December 2011
		Perda No. 20 Tahun 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 Jaya Kota Bogor									Signed on 20 December 2011
		Peraturan Daerah on the Establishment of a Waste Management Unit (UPTD).									Discussion with LG to determine SKPD to manage waste management unit is in process. Estimated for signing the policy is in 2014
		Surat Keputusan Walikota (Mayor decree) on the Organizational Structure of the PDAM.									Discussion with local government for need of regulation
12	Kota Bekasi	Peraturan Walikota (Mayor Regulation) on the Establishment of a Waste Management Unit (UPTD).									Discussion with local stakeholders BAPPEDA and ORTALA is conducted in Nov.2013. Final is estimated in March 2014.

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13	Kab. Bekasi	Peraturan Bupati (District Head Regulation) on the Establishment of a Waste Management Unit (UPTD).									Discussion with local stakeholders is completed. Final is estimated in January 2014.
14	Kab. Purwakarta	Surat Keputusan Bupati (District head decree) for Tariff Adjustment PDAM.									Business plan as a reference is in process for preparation. Final by Bupati approval is estimated April 2014.
15	Kab. Bandung	Peraturan Bupati (District Head Regulation) on the Establishment of a Waste Management Unit (UPTD).									Intensive discussions with local government have been conducted. Final by Bupati approval is estimated in April 2014.
		Peraturan Bupati (District Head Regulation) on Waste Water Management.									Intensive discussions with local government have been conducted. Final by Bupati approval is estimated in April 2014.
		Peraturan Bupati (District Head Regulation) on Community-Based Total Sanitation.									Draft is in process awaiting PERMENKES. Final by Bupati approval is estimated in March 2014.
16	Kab. Serang	Peraturan Bupati (District Head Regulation) on the Regionalization of Water Supply.									Preliminary discussion with local government for need of regulation. Postponed.
		Peraturan Bupati (District Head Regulation) on the Establishment of a Waste Management Unit (UPTD).									Final by Bupati approval in October 2013.
17	Kab. Lebak	Peraturan Bupati (District Head Regulation) on the Establishment of a Waste Management Unit (UPTD).									First discussion with local government was conducted in November 2013. Final is expected in mid of 2014.
18	Kab. Tangerang	Peraturan Bupati (District Head Regulation) on the Establishment of a Waste Management Unit (UPTD).									Discussion with local stakeholders is completed. Final is estimated in January 2014.
19	Kota Tangerang Selatan	Peraturan Walikota (Mayor Regulation) of Regionalization of Raw Water Supplies.									Discussion for need of regulation was conducted in PY3. Postponed.
		Peraturan Walikota (Mayor Regulation) on the Establishment of a Waste Management Unit (UPTD).									Preliminary discussion to establish local team.
20	Kota Semarang	Peraturan Walikota (Mayor Regulation) on the Actions Plan of the LG for Water Supply and Environmental Management.									Policy completed and issued December 2012.

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		Peraturan Walikota (Mayor Regulation) for Community Based of Water and Sanitation Management.										Draft Peraturan Walikota is completed and submitted to legal office of LG. Reviewed being conducted by LG and sent to Mayor for approval.
		Peraturan Walikota (Mayor Regulation) for Establishment of Citizen Engagement Mechanism.										Serial discussions have been conducted. Institution establishment is in process and its regulation draft as well. Estimation for completion in early 2014.
21	Kota Surakarta	Surat Keputusan Walikota (Mayor decree) for Sludge Collection and Wastewater Tariff.										Intensive discussions with local stakeholders were conducted. Tariff formulation is in the process. Final by Mayor approval to be completed mid of 2014.
		Surat Keputusan Walikota (Mayor decree) for Slum Area Location and City Sanitation Development.										Policy completed and issued in May 2012
22	Kab. Kudus	Peraturan Bupati (District Head Regulation) on the Establishment of a Waste Management Unit (UPTD).										Preliminary discussions were conducted during quarter 11. Awaiting for Nota Dinas of Bupati for further steps.
		Peraturan Bupati (District Head Regulation) for Citizen Engagement Mechanism.										Local institution is being prepared and its Draft regulation is in process.
23	Kab. Kendal	Peraturan Bupati (District Head Regulation) for Water Supply and Environmental Health Action Plan.										Policy completed and issued in January 2013.
		Peraturan Daerah (Perda) for Local Government Equity Transfer to the PDAM.										Final and issued in September 2012.
24	Kab Semarang	Surat Keputusan Bupati (District Head Decree) for Local Government Equity Transfer to the PDAM.										Discussion with Bupati has been conducted. Final by bupati approval to be completed in mid of 2014.
25	Kota Salatiga	Surat Keputusan Walikota (Mayor decree) for Local Government Equity Transfer to the PDAM.										Substance of financial projection is awaiting CCVA inpus.
26	Kab. Rembang	Peraturan Bupati (District Head Regulation) on the Establishment of a Waste Management Unit (UPTD).										Draft has been discussed with Bupati. Final by bupati approval to be completed in January (early) of 2014.

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		Peraturan Daerah (Perda) for Local Government Equity Transfer to the PDAM									Final by Bupati approval in September 2013.
27	Kab. Sukoharjo	Peraturan Bupati (District Head Regulation) on the Establishment of a Waste Management Unit (UPTD).									Draft has been discussed with Bupati. Final by bupati approval to be completed in January (early) of 2014.
		Peraturan Bupati (District Head Regulation) for Establishment of Citizen Engagement Mechanism.									Intensive discussions with local stakeholders were conducted. Tariff formulation is in the process. Final by Mayor approval to be completed mid of 2014.
28	Kab. Klaten	Peraturan Bupati (District Head Regulation) for PDAM customer reclassification.									Discussions have been conducted. Draft is being reviewed by local government.
		Peraturan Bupati (District Head Regulation) for Citizen Engagement Mechanism.									Preliminary discussion with local government for a need of regulation is completed. Further steps for regulation preparations are being conducted by PO scheme.
29	Kab. Batang	Peraturan Bupati (District Head Regulation) on the Establishment of a Wastewater Management Unit (UPTD).									Final. Approved by Bupati in October 2013.
		Peraturan Bupati (District Head Regulation) for PDAM Organizational Structure.									Draft is completed. Bupati approval to follow immediately.
30	Kab. Sidoarjo	Peraturan Daerah (Local law) for Communal Waste Water Management.									
		Peraturan Bupati (District Head Regulation) for Establishment of Waste Management Unit.									Draft has been discussed with sub local government office. Bupati to sign in early 2014.
		Bupati Regulation (District Head Regulation) of CEM development									Preliminary by discussion with LG for a need to develop regulation. CEM development will be conducted by PO.
31	Kota Surabaya	Peraturan Walikota (Mayor Regulation) of for Community-Based Sanitation.								To follow up by discussion with local government of a need to develop regulation.	
32	Kab. Gresik	Peraturan Bupati (District Head Regulation) on the Establishment of a Wastewater Management Unit (UPTD).								Several intensive discussions were conducted to include drafting a regulation. Bupati to approve in early 2014.	

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		Surat Keputusann Bupati (District head decree) on PDAM Tariff Adjustment.										Final, approved by Bupati in October 2013.
33	Kab. Lamongan	Peraturan Bupati (District Head Regulation) on the Establishment of a Wastewater Management Unit (UPTD).										Preliminary by discussion with local government for a need to develop regulation.
		Peraturan Bupati for Rencana Induk SPAM (RISPAM) Kabupaten Lamongan.										Preliminary by discussion with local government for a need to develop regulation.
		Peraturan Bupati for PDAM equity participation										Preliminary by discussion with local government for a need to develop regulation. Business Plan is completely finished.
34	Kota Probolinggo	Peraturan Bupati (District Head Regulation) on the Establishment of a Wastewater Management Unit (UPTD).										Preliminary by discussion with local government for a need to develop regulation.
		Peraturan Bupati (District Head Regulation) on raw water protection										Preliminary by discussion with local government for a need to develop regulation. CCVA study is in underway.
35	Kab. Probolinggo	Peraturan Bupati (District Head Regulation) on the Establishment of a Wastewater Management Unit (UPTD).										Preliminary by discussion with local government for a need to develop regulation.
		Peraturan Bupati (District Head Regulation) for District Strategic Plan.										Preliminary by discussion with local government for a need to develop regulation.
		Peraturan Bupati (District Head Regulation) on raw water protection										Preliminary by discussion with LG for a need to develop regulation. CCVA study is in underway.
		Bupati Regulation (District Head regulation) of Business Plan.										Business Plan is in underway for preparation. To be completed and Final in mid of 2014.
		Bupati Regulation (District Head Regulation) of CEM development										

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36	Kab. Mojokerto	Peraturan Bupati (District Head Regulation) for Raw Water Protection.									Preliminary by discussion with local government for a need to develop regulation. Local government represented by Dinas PU agreed to have the regulation.
		Peraturan Bupati (District Head Regulation) on the Establishment of a Wastewater Management Unit (UPTD).									Preliminary by discussion with local government for a need to develop regulation. Local government represented by Bappeda agreed to have the regulation.
		Peraturan Bupati for Rencana Induk SPAM (RISPAM) Kabupaten Lamongan.									Preliminary by discussion with local government for a need to develop regulation. RISPAM is in underway for preparation.
		Bupati Regulation (District Head Regulation) of CEM development									Preliminary by discussion with local government for a need to develop regulation. CEM development would be conducted by PO.
		Peraturan Bupati for PDAM equity participation									Preliminary by discussion with local government for a need to develop regulation. Business Plan is in process of development.
37	Kota Mojokerto	Peraturan Walikota (Mayor Regulation) on the Establishment of a Wastewater Management Unit (UPTD).									Preliminary by discussion with local government for a need to develop regulation.
		Peraturan Walikota for Rencana Induk SPAM (RISPAM) Kota Mojokerto.									Preliminary by discussion with local government for a need to develop regulation. RISPAM is in underway for preparation.
		Peraturan Walikota (Mayor Regulation) for PDAM equity participation									Preliminary by discussion with local government for a need to develop regulation. Business Plan is in process of development.
38	Kab. Jombang	Peraturan Bupati (District Head Regulation) on the Establishment of a Wastewater Management Unit (UPTD).									Preliminary by discussion with local government for a need to develop regulation. Local government agreed to follow up for preparation.
		Bupati Regulation (District Head regulation) of Business Plan.									Business Plan is in underway for preparation. To be completed and Final in mid of 2014.

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39	Kota Malang	Peraturan Daerah (Local Law) on Sludge Disposal Tariff.																		Preliminary by discussion with local government for a need to develop regulation.	
		Peraturan Walikota (Mayor Regulation) of Rencana Induk SPAM (RISPAM) Kota Malang																			Preliminary by discussion with local government for a need to develop regulation. RISPAM is in underway for preparation.
		Peraturan Walikota (Mayor Regulation) for Raw Water Protection.																			Preliminary by discussion with local government for a need to develop regulation. CCVA is in underway for preparation.
40	Kab. Malang	Peraturan Bupati (District Head Regulation) on the Establishment of a Wastewater Management Unit (UPTD).																		Preliminary by discussion with local government for a need to develop regulation.	
		Peraturan Bupati (District Head Regulation) for Raw Water Protection.																			Preliminary by discussion with local government for a need to develop regulation. CCVA is in underway for preparation.
41	Kota Batu	Peraturan Daerah (Local Law) on Raw Water Protection.																		Preliminary by discussion with local government for a need to develop regulation. CCVA is in underway for preparation.	
		Bupati Regulation (District Head regulation) of Business Plan.																		Business Plan is in underway for preparation. To be completed and Final in mid of 2014.	
		Peraturan Walikota (Mayor Regulation) on the Establishment of a Waste Management Unit (UPTD).																			Preliminary by discussion with local government for a need to develop regulation. CCVA is in underway for preparation.
42	Kota Makassar	Peraturan Walikota (Mayor Regulation) on the Establishment of a Waste Management Unit (UPTD).																		Discussions with local stakeholders were conducted during quarter. Draft of policy is in process and estimated early 2014 is final.	
43	Kab. Takalar	Peraturan Bupati (District Head Regulation) for Citizen Engagement Mechanism.																		Discussions with local stakeholders were conducted during quarter. CEM development to be conducted by PO in next quarters of PY4.	
44	Kab. Maros	Surat Keputusan Bupati (District Head Decree) of Local Government Equity Transfer to PDAM.																		Policy completed and issued September 2013.	

ANNEX 4: ACHIEVEMENT OF IUWASH PMP OUTCOMES, STATUS OF DECEMBER 2013

- Annex 4.1. Summary of People Trained in IUWASH Training Activities (HR-4)
- Annex 4.2. Summary of Civil society groups and/or government cadres implementing programs to mobilize improved access to safe drinking water and adequate
- Annex 4.3a. Summary of Achievement of Policy Development (EE-1)
- Annex 4.3b. Annual Summary of Achievement of Local Government Priority to Support Watsan Sector (EE-1) - Supportive Policy
- Annex 4.4 Summary of Achievement of Financial Resources Accessed by Service Providers from PPP to Support the Expansion of Improved Watsan Services (EE-3)
- Annex 4.5a. Summary of Achievement of Microfinance Program Supported Improved Watsan Sector (EE-4)
- Annex 4.5b. Annual Summary of Achievement of Low Income Households Accessing Microfinance for New Household Water Connection (EE-4)
- Annex 4.5c. Summary of Achievement of Low Income Households Accessing Microfinance Supported Improved Sanitation Services (EE-4)

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Indonesia Urban Water, Sanitation and Hygiene (IUWASH)

Annex 4.1. Summary of People Trained in IUWASH Training Activities (HR-4)

Status: December 2013

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 13)	North Sumatra	312	0	82	109	0	20	523	36.07%	\$104,260.79
	West Java/DKI Jakarta/Banten	367	0	602	88	0	0	1057		
	National	0	0	0	25	0	0	25		
	Central Java	216	0	262	315	0	0	793		
	East Java	115	0	979	242	0	0	1336		
	South Sulawesi/ Eastern Indonesia	77	43	323	183	17	30	673		
Total		1087	43	2248	962	17	50	4407		
Total achievement of people trained in the IUWASH training related activities during PY4									4,407	
Average of women participated in the IUWASH training training related activities during PY4									36.07%	
Total achievement of budget spent for the the IUWASH training training related activities during PY4									\$104,260.79	
Total achievement of people trained in the IUWASH training training related activities during PY1									417	
Average of women participated in the IUWASH training training related activities during PY1									31.88%	
Total achievement of budget spent for the IUWASH training training related activities during PY1									\$4,445.00	
Total achievement of people trained in the IUWASH training training related activities during PY2									14,834	
Average of women participated in the IUWASH training training related activities during PY2									31.88%	
Total achievement of budget spent for the IUWASH training training related activities during PY2									\$4,445.00	
Total achievement of people trained in the IUWASH training training related activities during PY3									22,078	
Average of women participated in the IUWASH training training related activities during PY3									33.64%	
Total achievement of budget spent for the IUWASH training training related activities during PY3									\$587,110.94	
To-date achievement of people trained in the IUWASH training training related activities									41,736	
To-date achievement of average of women participated in the IUWASH training training related activities									33.37%	
To-date achievement of budget spent for the IUWASH training training related activities									700,261.73	
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									83.47%	

Indonesia Urban Water, Sanitation and Hygiene (IUWASH)

Annex 4.2. Summary of Civil society groups and/or government cadres implementing programs to mobilize improved access to safe drinking water and adequate sanitation (MD-2)

Status: December 2013

Regional	City/District	Number of		Remarks
		Government Cadre	Civil Society Group	
North Sumatra	Kota Tebing Tinggi/ Kota Tanjung Balai	0	1	The CSO conducted optimization the communal sanitation system on communal latrine and WWTP under IUWASH Grant Program (YAKMI)
West Java/DKI Jakarta/Banten	Kab. Tangerang	0	2	The CSOs are community groups who manage and support the individual sanitation systems improvement on latrine and septic tank construction
Central Java	Kab. Kendal	0	1	The CSO managed the communal sanitation system on septic tank and public latrine construction under IUWASH Grant Program (CB-Tech LPTP)
East Java	Kota Surabaya	0	1	The CSO managed the communal sanitation system through STBM program under IUWASH Grant Program (LPPM ITS)
	Kab. Sidoarjo	0	1	The CSO conducted Optimization Coverage of Existing Master Meter & CLTS Triggering under IUWASH Grant Program (SPEKTRA)
Total		0	6	
Total government cadres and CSOs implementing program to mobilize access to safe drinking water and adequate sanitation during PY4				6
Total government cadres implementing program to mobilize access to safe drinking water and adequate sanitation during PY1				0
Total government cadres implementing program to mobilize access to safe drinking water and adequate sanitation during PY2				35
Total government cadres implementing program to mobilize access to safe drinking water and adequate sanitation during PY3				173
To-date achievement of government cadres implementing program to mobilize access to safe drinking water and adequate sanitation				214
Total Target of government cadres implementing program to mobilize access to safe drinking water and adequate sanitation over the life of the project				100
Percent To-date Achievement of government cadres implementing program to mobilize access to safe drinking water and adequate sanitation				214%

Indonesia Urban Water, Sanitation and Hygiene (IUWASH)
Annex 4.3a. Summary of Achievement of Policy Development (EE-1)
Status: December 2013

No	City	Achievement on Number of Policy Developed to Support the Improvement of Watsan Sector						
		PY1	PY2	PY3	PY4			
					Dec-13	Mar-14	Jun-14	Sep-14
A	North Sumatra Region							
1	Kota Medan	0	0	0	0	0	0	0
2	Kota Tanjung Balai	0	0	1	1	0	0	0
3	Kota Tebing Tinggi	0	0	0	0	0	0	0
4	Kota Pematang Siantar	0	0	1	0	0	0	0
5	Kab. Langkat	0	0	0	0	0	0	0
6	Kota Sibolga	0	0	0	0	0	0	0
7	Kab. Asahan	0	0	0	0	0	0	0
8	Kab. Labuhan Batu	0	0	0	0	0	0	0
9	Kota Binjai	0	0	0	0	0	0	0
B	West Java/DKI Jakarta/Banten Region							
10	Kota Bogor	0	3	0	0	0	0	0
11	Kota Bekasi	0	0	0	0	0	0	0
12	Kab. Bekasi	0	0	0	0	0	0	0
13	Kab. Karawang	0	0	0	0	0	0	0
14	Kab. Bandung	0	0	0	0	0	0	0
15	Kab. Purwakarta	0	0	0	0	0	0	0
16	Kab. Tangerang	0	0	0	0	0	0	0
17	Kota Tangerang Selatan	0	0	0	0	0	0	0
18	Kab. Serang	0	0	0	1	0	0	0
19	Kab. Lebak	0	0	0	0	0	0	0
C	Central Java							
20	Kota Semarang	0	0	1	0	0	0	0
21	Kota Surakarta	0	1	0	0	0	0	0
22	Kab. Kudus	0	0	0	0	0	0	0
23	Kab. Kendal	0	1	1	0	0	0	0
24	Kab. Semarang	0	0	0	0	0	0	0
25	Kota Salatiga	0	0	0	0	0	0	0
26	Kab. Klaten	0	0	0	0	0	0	0
27	Kab. Sukoharjo	0	0	0	0	0	0	0
28	Kab. Rembang	0	0	0	1	0	0	0
29	Kab. Batang	0	0	0	1	0	0	0
D	East Java							
30	Kab. Gresik	0	0	0	1	0	0	0
31	Kab. Lamongan	0	0	0	0	0	0	0
32	Kab. Sidoarjo	0	0	0	0	0	0	0
33	Kab. Mojokerto	0	0	0	0	0	0	0
34	Kota Mojokerto	0	0	0	0	0	0	0
35	Kota Probolinggo	0	0	0	0	0	0	0
36	Kab. Probolinggo	0	0	0	0	0	0	0
37	Kota Surabaya	0	0	0	0	0	0	0
38	Kota Batu	0	0	0	0	0	0	0
39	Kota Malang	0	0	0	0	0	0	0
40	Kab. Malang	0	0	0	0	0	0	0
41	Kab. Jombang	0	0	0	0	0	0	0
E	South Sulawesi/Eastern Indonesia							
42	Kota Makassar	0	0	0	0	0	0	0
43	Kota Pare-Pare	0	0	1	0	0	0	0
44	Kab. Maros	0	0	0	1	0	0	0
45	Kab. Jeneponto	0	0	1	0	0	0	0
46	Kab. Takalar	0	0	0	0	0	0	0
47	Kab. Pinrang	0	0	0	0	0	0	0
48	Kab. Enrekang	0	0	0	0	0	0	0
49	Kab. Sidrap	0	0	0	0	0	0	0
50	Kab. Bantaeng	0	0	0	0	0	0	0
51	Kota Ambon	0	0	0	1	0	0	0
52	Kota Jayapura	0	0	0	0	0	0	0
53	Kab. Jayapura	0	0	0	0	0	0	0
Total achievement of policy development during in PY4								7
Total achievement of policy development during in PY1								0
Total achievement of policy development during in PY2								5
Total achievement of policy development during in PY3								6
To-date achievement of policy development								18
Total target of policy development over the life of the projet								50
Percent to-date achievement of policy development								36.00%

Indonesia Urban Water, Sanitation and Hygiene (IUWASH)

Annex 4.3b. Annual Summary of Achievement of Local Government Priority to Support Watsan Sector (EE-1) - Supportive Policy

Status: September 2013

No	City	Type of Policy	Subject of Policy	Achievement of the Development of Improved Policy of Watsan Sector												Remarks
				Mar-12	Sep-12	Mar-13	Sep-13	Dec-13	Mar-14	Jun-14	Sep-14	Mar-15	Sep-15	Mar-16	Sep-16	
A. North Sumatera																
1	Kota Tanjung Balai	SK Walikota	Surat Keputusan Walikota (Mayor decree) of Business Plan	N/A	N/A	Ongoing	Ongoing	C							Signed on 1 November 2013	
		SK Walikota	Surat Keputusan Walikota (Mayor Decree) of Local Government Equity Transfer to PDAM	N/A	N/A	Ongoing	C	C							Signed on 12 August 2013	
2	Kota Medan	Perda	Peraturan Walikota (Mayor Regulation) on Urban Sludge Management.	N/A	N/A	Ongoing	Ongoing	Ongoing								
3	Kota Tebing Tinggi	Perda	Peraturan Daerah on Urban Sludge Management and Business Plan	N/A	N/A	N/A	Ongoing	Ongoing								
		SK Walikota	Surat Keputusan Walikota (Mayor Decree) of Business Plan.	N/A	N/A	N/A	Ongoing	Ongoing								
4	Kota Pematang Siantar	SK Walikota	Surat Keputusan Walikota (Mayor Decree) of Business Plan.	N/A	N/A	N/A	Ongoing	Ongoing								
		SK Walikota	Surat Keputusan Walikota (Mayor Decree) on Drinking Water Tariff for Pematang Siantar	N/A	N/A	N/A	C	C							Signed on 5 July 2013	
5	Kab. Langkat	SK Bupati	Surat Keputusan Bupati (District Head Decree) of Business Plan.	N/A	N/A	N/A	Ongoing	Ongoing								
6	Kab. Labuhan Batu	SK Bupati	Surat Keputusan Bupati (District Head Decree) of Business Plan.	N/A	N/A	N/A	Ongoing	Ongoing								
7	Kota Sibolga	SK Walikota	Surat Keputusan Walikota (Mayor decree) on Tariff Adjustment PDAM Tirta Nauli.	N/A	N/A	N/A	Ongoing	Ongoing								
8	Kota Binjai	Perda	Peraturan Walikota (Mayor Regulation) on the Optimization of PDAM Performance	N/A	N/A	N/A	Ongoing	Ongoing								

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No	City	Type of Policy	Subject of Policy	Achievement of the Development of Improved Policy of Watsan Sector												Remarks
				Mar-12	Sep-12	Mar-13	Sep-13	Dec-13	Mar-14	Jun-14	Sep-14	Mar-15	Sep-15	Mar-16	Sep-16	
B. West Java/DKI Jakarta/Banten																
9	Kota Bogor	Perda	Perda No. 16 Tahun 2011 tentang Perusahaan Daerah Air Minum (PDAM) Tirta Pakian Kota Bogor	C	C	C	C	C							Signed on 7 December 2011	
		Perda	Perda no. 17 Tahun 2012 tentang Pengelolaan Perusahaan Daerah Air Minum (PDAM) Tirta Pakuan Bogor	C	C	C	C	C							Signed on 7 December 2011	
		Perda	Perda No. 20 Tahun 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 Jaya Kota Bogor	C	C	C	C	C							Signed on 20 December 2011	
		Perda	Peraturan Daerah on the Establishment of a Waste Management Unit (UPTD).	N/A	N/A	N/A	Ongoing	Ongoing								
		SK Walikota	Surat Keputusan Walikota (Mayor decree) on the Organizational Structure of the PDAM.	N/A	N/A	N/A	Ongoing	Ongoing								
10	Kab. Karawang	SK Bupati	Surat Keputusan Bupati (District Head Decree) on Tariff Adjustment	N/A	N/A	N/A	Ongoing	Ongoing								
11	Kota Bekasi	Perda	Peraturan Walikota (Mayor Regulation) on the Establishment of a Waste Management Unit (UPTD).	N/A	N/A	N/A	Ongoing	Ongoing								
12	Kab. Bekasi	Perda	Peraturan Walikota (Mayor Regulation) on the Establishment of a Waste Management Unit (UPTD).	N/A	N/A	N/A	Ongoing	Ongoing								
13	Kab. Purwakarta	SK Bupati	Surat Keputusan Bupati (District head decree) for Tariff Adjustment PDAM.	N/A	N/A	N/A	Ongoing	Ongoing								
14	Kab. Bandung	Perbup	Peraturan Bupati (District Head Regulation) on the Establishment of a Waste Management Unit (UPTD).	N/A	N/A	N/A	Ongoing	Ongoing								
		Perbup	Peraturan Bupati (District Head Regulation) on Waste Water Management.	N/A	N/A	N/A	Ongoing	Ongoing								
		Perbup	Peraturan Bupati (District Head Regulation) on Community-Based Total Sanitation.	N/A	N/A	N/A	Ongoing	Ongoing								

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No	City	Type of Policy	Subject of Policy	Achievement of the Development of Improved Policy of Watsan Sector												Remarks		
				Mar-12	Sep-12	Mar-13	Sep-13	Dec-13	Mar-14	Jun-14	Sep-14	Mar-15	Sep-15	Mar-16	Sep-16			
15	Kab. Serang	Perbup	Peraturan Bupati (District Head Regulation) on the Regionalization of Water Supply.	N/A	N/A	N/A	Ongoing	Ongoing										
		Perbup	Peraturan Bupati (District Head Regulation) on the Establishment of a Waste Management Unit (UPTD).	N/A	N/A	N/A	Ongoing	C										Signed on 9 October 2013
16	Kab. Lebak	SK Bupati	Surat Keputusan Bupati (District Head Decree) on Tariff Adjustment.	N/A	N/A	N/A	Ongoing	Ongoing										
17	Kab Tangerang	Perda	Peraturan Bupati (District Head Regulation) on the Establishment of a Waste Management Unit (UPTD).	N/A	N/A	N/A	Ongoing	Ongoing										
18	Kota Tangerang Selatan	Perwal	Peraturan Walikota (Mayor Regulation) of Regionalization of Raw Water Supplies.	N/A	N/A	N/A	Ongoing	Ongoing										
		Perwal	Peraturan Walikota (Mayor Regulation) on the Establishment of a Waste Management Unit (UPTD).	N/A	N/A	N/A	N/A	Ongoing										
C. Central Java																		
19	Kota Semarang	Perwal	Peraturan Walikota (Mayor Regulation) on the Actions Plan of the LG for Water Supply and Environmental Management.	N/A	N/A	N/A	C	C									Signed on 28 December 2012	
		Perwal	Peraturan Walikota (Mayor Regulation) for Community Based of Water and Sanitation Management.	N/A	N/A	N/A	Ongoing	Ongoing										
		Perwal	Peraturan Walikota (Mayor Regulation) for Establishment of Citizen Engagement Mechanism.	N/A	N/A	N/A	N/A	Ongoing										
20	Kota Surakarta	SK Walikota	Surat Keputusan Walikota (Mayor decree) No. 653.2/48-B/1/2012 for Slum Area Location and City Sanitation Development.	C	C	C	C	C									Signed on 8 May 2012	
		SK Walikota	Surat Keputusan Walikota (Mayor decree) for Sludge Collection and Wastewater Tariff.	N/A	N/A	N/A	Ongoing	Ongoing										

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No	City	Type of Policy	Subject of Policy	Achievement of the Development of Improved Policy of Watsan Sector												Remarks
				Mar-12	Sep-12	Mar-13	Sep-13	Dec-13	Mar-14	Jun-14	Sep-14	Mar-15	Sep-15	Mar-16	Sep-16	
21	Kab. Kudus	Perbup	Peraturan Bupati (District Head Regulation) on the Establishment of a Waste Management Unit (UPTD).	N/A	N/A	N/A	Ongoing	Ongoing								
		Perbup	Peraturan Bupati (District Head Regulation) for Citizen Engagement Mechanism.	N/A	N/A	N/A	Ongoing	Ongoing								
22	Kab. Kendal	Perbup	Peraturan Bupati (District Head Regulation) for Water Supply and Environmental Health Action Plan.	N/A	N/A	N/A	C	C								Signed on 28 January 2013
		Perda	Peraturan Daerah (Perda) No. 7 Tahun 2012 for Local Government Equity Transfer to the PDAM.	C	C	C	C	C								Signed on 5 September 2012
23	Kab. Semarang	SK Bupati	Surat Keputusan Bupati (District Head Decree) for Local Government Equity Transfer to the PDAM.	N/A	N/A	N/A	Ongoing	Ongoing								
24	Kota Salatiga	SK Walikota	Surat Keputusan Walikota (Mayor decree) for Local Government Equity Transfer to the PDAM.	N/A	N/A	N/A	Ongoing	Ongoing								
25	Kab. Rembang	Perbup	Peraturan Bupati (District Head Regulation) on the Establishment of a Waste Management Unit (UPTD).	N/A	N/A	N/A	Ongoing	Ongoing								
		Perda	Peraturan Daerah (Perda) for Local Government Equity Transfer to the PDAM	N/A	N/A	N/A	N/A	C								Signed on 4 September 2013
26	Kab. Sukoharjo	Perbup	Peraturan Bupati (District Head Regulation) on the Establishment of a Waste Management Unit (UPTD).	N/A	N/A	N/A	Ongoing	Ongoing								
		Perbup	Peraturan Bupati (District Head Regulation) for Establishment of Citizen Engagement Mechanism.	N/A	N/A	N/A	Ongoing	Ongoing								
27	Kab. Klaten	Perbup	Peraturan Bupati (District Head Regulation) for PDAM customer reclassification.	N/A	N/A	N/A	Ongoing	Ongoing								
		Perbup	Peraturan Bupati (District Head Regulation) for Citizen Engagement Mechanism.	N/A	N/A	N/A	Ongoing	Ongoing								

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No	City	Type of Policy	Subject of Policy	Achievement of the Development of Improved Policy of Watsan Sector												Remarks	
				Mar-12	Sep-12	Mar-13	Sep-13	Dec-13	Mar-14	Jun-14	Sep-14	Mar-15	Sep-15	Mar-16	Sep-16		
28	Kab. Batang	Perbup	Peraturan Bupati (District Head Regulation) on the Establishment of a Wastewater Management Unit (UPTD).	N/A	N/A	N/A	Ongoing	C								Signed on 25 October 2013	
		Perbup	Peraturan Bupati (District Head Regulation) for PDAM Organizational Structure.	N/A	N/A	N/A	Ongoing	Ongoing									
D. East Java																	
29	Kab. Sidoarjo	Perda	Peraturan Daerah (Local law) for Communal Waste Water Management.	N/A	N/A	N/A	Ongoing	Ongoing									
		Perbup	Peraturan Bupati (District Head Regulation) for Establishment of Waste Management Unit.	N/A	N/A	N/A	Ongoing	Ongoing									
		Perbup	Bupati Regulation (District Head Regulation) of CEM development	N/A	N/A	N/A	N/A	Ongoing									
30	Kota Surabaya	Perwal	Peraturan Walikota (Mayor Regulation) of for Community-Based Sanitation.	N/A	N/A	N/A	Ongoing	Ongoing									
31	Kab. Gresik	Perbup	Peraturan Bupati (District Head Regulation) on the Establishment of a Wastewater Management Unit (UPTD).	N/A	N/A	N/A	Ongoing	Ongoing									
		SK Bupati	Surat Keputusann Bupati (District head decree) on PDAM Tariff Adjustment.	N/A	N/A	N/A	Ongoing	C								Signed on 18 October 2013	
32	Kab. Lamongan	Perbup	Peraturan Bupati (District Head Regulation) on the Establishment of a Wastewater Management Unit (UPTD).	N/A	N/A	N/A	Ongoing	Ongoing									
		Perbup	Peraturan Bupati for Rencana Induk SPAM (RISPAM) Kabupaten Lamongan	N/A	N/A	N/A	N/A	Ongoing									
		Perbup	Peraturan Bupati for PDAM equity participation	N/A	N/A	N/A	N/A	Ongoing									
33	Kota Probolinggo	Perbup	Peraturan Bupati (District Head Regulation) on the Establishment of a Wastewater Management Unit (UPTD).	N/A	N/A	N/A	Ongoing	Ongoing									
		Perbup	Peraturan Bupati (District Head Regulation) on raw water protection	N/A	N/A	N/A	N/A	Ongoing									

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No	City	Type of Policy	Subject of Policy	Achievement of the Development of Improved Policy of Watsan Sector												Remarks	
				Mar-12	Sep-12	Mar-13	Sep-13	Dec-13	Mar-14	Jun-14	Sep-14	Mar-15	Sep-15	Mar-16	Sep-16		
34	Kab. Probolinggo	Perbup	Peraturan Bupati (District Head Regulation) on the Establishment of a Wastewater Management Unit (UPTD).	N/A	N/A	N/A	Ongoing	Ongoing									
		Perbup	Peraturan Bupati (District Head Regulation) for District Strategic Plan.	N/A	N/A	N/A	Ongoing	Ongoing									
		Perbup	Peraturan Bupati (District Head Regulation) on raw water protection	N/A	N/A	N/A	N/A	Ongoing									
		Perbup	Bupati Regulation (District Head regulation) of Business Plan.	N/A	N/A	N/A	N/A	Ongoing									
		Perbup	Bupati Regulation (District Head Regulation) of CEM development	N/A	N/A	N/A	N/A	Ongoing									
35	Kab. Mojokerto	Perbup	Peraturan Bupati (District Head Regulation) for Raw Water Protection.	N/A	N/A	N/A	Ongoing	Ongoing									
		Perbup	Peraturan Bupati (District Head Regulation) on the Establishment of a Wastewater Management Unit (UPTD).	N/A	N/A	N/A	Ongoing	Ongoing									
		Perbup	Peraturan Bupati for Rencana Induk SPAM (RISPAM) Kabupaten Lamongan.	N/A	N/A	N/A	N/A	Ongoing									
		Perbup	Bupati Regulation (District Head Regulation) of CEM development	N/A	N/A	N/A	N/A	Ongoing									
		Perbup	Peraturan Bupati for PDAM equity participation	N/A	N/A	N/A	N/A	Ongoing									
36	Kota Mojokerto	Perwal	Peraturan Walikota (Mayor Regulation) on the Establishment of a Wastewater Management Unit (UPTD).	N/A	N/A	N/A	Ongoing	Ongoing									
		Perwal	Peraturan Walikota for Rencana Induk SPAM (RISPAM) Kota Mojokerto.	N/A	N/A	N/A	N/A	Ongoing									
		Perwal	Peraturan Walikota (Mayor Regulation) for PDAM equity participation	N/A	N/A	N/A	N/A	Ongoing									
37	Kab. Jombang	Perbup	Peraturan Bupati (District Head Regulation) on the Establishment of a Wastewater Management Unit (UPTD).	N/A	N/A	Ongoing	Ongoing	Ongoing									
		Perbup	Bupati Regulation (District Head regulation) of Business Plan.	N/A	N/A	N/A	N/A	Ongoing									
38	Kota Malang	Perda	Peraturan Daerah (Local Law) on Sludge Disposal Tariff.	N/A	N/A	Ongoing	Ongoing	Ongoing									
		Perwal	Peraturan Walikota (Mayor Regulation) of Rencana Induk SPAM (RISPAM) Kota Malang	N/A	N/A	N/A	N/A	Ongoing									
		Perwal	Peraturan Walikota (Mayor Regulation) for Raw Water Protection.	N/A	N/A	N/A	N/A	Ongoing									

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No	City	Type of Policy	Subject of Policy	Achievement of the Development of Improved Policy of Watsan Sector												Remarks		
				Mar-12	Sep-12	Mar-13	Sep-13	Dec-13	Mar-14	Jun-14	Sep-14	Mar-15	Sep-15	Mar-16	Sep-16			
39	Kab. Malang	Perbup	Peraturan Bupati (District Head Regulation) on the Establishment of a Wastewater Management Unit (UPTD)	N/A	N/A	Ongoing	Ongoing	Ongoing										
		Perbup	Peraturan Bupati (District Head Regulation) for Raw Water Protection	N/A	N/A	N/A	N/A	Ongoing										
40	Kota Batu	Perwal	Peraturan Daerah (Local Law) on Raw Water Protection.	N/A	N/A	Ongoing	Ongoing	Ongoing										
		Perwal	Bupati Regulation (District Head regulation) of Business Plan.	N/A	N/A	N/A	N/A	Ongoing										
		Perwal	Peraturan Walikota (Mayor Regulation) on the Establishment of a Waste Management Unit (UPTD).	N/A	N/A	Ongoing	Ongoing	Ongoing										
E. South Sulawesi/Eastern Indonesia																		
41	Kota Makassar	Perwal	Peraturan Walikota (Mayor Regulation) on the Establishment of a Waste Management Unit (UPTD).	N/A	N/A	Ongoing	Ongoing	Ongoing										
42	Kab. Takalar	Perbup'	Peraturan Bupati (District Head Regulation) for Citizen Engagement Mechanism.	N/A	N/A	Ongoing	Ongoing	Ongoing										
43	Kab. Maros	Perbup	Peraturan Bupati (District Head Decree) of Local Government Equity Transfer to PDAM.	N/A	N/A	Ongoing	Ongoing	C									Signed on 5 September 2013	
		Perbup	Peraturan Bupati (District Head Regulation) on the Establishment of a Waste Management Unit (UPTD).	N/A	N/A	N/A	N/A	Ongoing										
44	Kab. Jeneponto	Perbup	Peraturan Bupati (District Head Regulation) for Citizen Engagement Mechanism.	Ongoing	Ongoing	Ongoing	C	C									Signed on 21 May 2013	
45	Kab. Bantaeng	Perbup	Peraturan Bupati (District Head Regulation) for Citizen Engagement Mechanism.	N/A	N/A	Ongoing	Ongoing	Ongoing										
46	Kota Parepare	Perwal	Improvement of Perwalikota Parepare No. 52 Tahun 2011 on Standard Operation Procedures of Penangan Keluhan Masyarakat Kota Parepare	Ongoing	Ongoing	Ongoing	C	C									Improved Policy signed on 9 October 2012	
		Perwal	Peraturan Walikota (Mayor Regulation) on Raw Water Protection.	N/A	N/A	N/A	Ongoing	Ongoing										
		Perwal	Peraturan Walikota (Mayor Regulation) on the Establishment of a Waste Management Unit (UPTD).	N/A	N/A	N/A	Ongoing	Ongoing										

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No	City	Type of Policy	Subject of Policy	Achievement of the Development of Improved Policy of Watsan Sector												Remarks
				Mar-12	Sep-12	Mar-13	Sep-13	Dec-13	Mar-14	Jun-14	Sep-14	Mar-15	Sep-15	Mar-16	Sep-16	
47	Kab. Enrekang	Perbup	Peraturan Bupati (District Head Regulation) on Raw Water Protection.	N/A	N/A	N/A	Ongoing	Ongoing								
		Perbup	Peraturan Bupati (District Head Regulation) for Citizen Engagement Mechanism.	N/A	N/A	N/A	Ongoing	Ongoing								
48	Kab. Sidrap	Perbup	Peraturan Bupati (District Head Regulation) on Raw Water Protection	N/A	N/A	Ongoing	Ongoing	Ongoing								
49	Kab. Pinrang	Perbup	Peraturan Bupati (District Head Regulation) on Raw Water Protection.	N/A	N/A	N/A	Ongoing	Ongoing								
		Perbup	Peraturan Bupati (District Head Regulation) on the Establishment of a Wastewater Management Unit (UPTD).	N/A	N/A	N/A	Ongoing	Ongoing								
50	Kota Ambon	Perwal	Peraturan Walikota (Mayor Regulation) on the Establishment of a Waste Management Unit (UPTD).	Ongoing	Ongoing	Ongoing	Ongoing	C								Signed on 30 September 2013
51	Kab Jayapura	Peraturan Bersama Walikota dan Bupati Jayapura tentang Illegal Connection PDAM Jayapura	Peraturan Bupati (District Head Regulation) on Illegal Connections.	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing								
52	Kota Jayapura	Perwal	Peraturan Walikota (Mayor Regulation) on the Establishment of a Waste Management Unit (UPTD).	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing								

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Annex 4.4. Summary of Achievement of Financial Resources Accessed by Service Providers from PPP to Support the Expansion of Improved Watsan Services (EE-3)

Status: December 2013

No	City	Program Description	Partners Involved	Type of Funding Sources (Public or Private)	Amount Leveraged (\$)	Remark
A. North Sumatra						
1	Kota Medan	Training on development planning and budgeting that responsive gender	Badan Pemberdayaan Perempuan Kota Medan, Dinas Perkim and bappeda of Kota Medan	Public Funding	555.56	The funding is from APBD Kota Medan to fund the training for LG institutions of Kota Medan on on development planning and budgeting that responsive gender. This activity to support the implementation of development pilot program on gender mainstreaming in individual septic tank using biofilter septic tank.
2	Kab. Labuhanbatu	Micro Credit Program for Water Connection	PDAM Kab. Lanuhanbatu	Private Funding	25,100.00	The funding for the micro credit program is funded by PDAM Kab. Labuhanbatu
3	Kab. Langkat	Micro Credit Program for Water Connection	PDAM Kab. Langkat and Koperasi Karyawan PDAM	Private Funding	18,880.00	The signing of the MoU between PDAM Cooperative and BSM was conducted in July, 2012 and the signing of MoU between PDAM Cooperative and BRI was conducted on November 10, 2011
B. West Java/DKI Jakarta/Banten						
4	Kab. Lebak	Micro Credit Program for Improved Sanitation	Sanitarians in the CLTS triggering activities	Private Funding	2,844.44	The micro credit program for sanitation is a result of the triggering program activities
5	Kab. Tangerang	Micro Credit Program for Improved Sanitation	Sanitarians in the CLTS triggering activities	Private Funding	2,844.44	The micro credit program for sanitation is a result of the triggering program activities
B. Central Java						
6	Kabupaten Semarang and Kota Salatiga	Water Replenishment Program	PDAM Kab. Semarang, PDAM Kota Salatiga, SPPQT (NGO), the Coca-Cola Foundation Indonesia	Private Funding	249,472.00	The funding come from the CCFI to implement the program on Water Replenishment. The main activities are the construction of infiltration ponds and set of activities on community empowerment to support the program activities
7	Kab. Rembang	Micro Credit Program for Water Connection	PDAM Kab. Rembang	Private Funding	8,666.67	The funding for the micro credit program is funded by PDAM Kab. Rembang
8	Kab. Klaten	Micro Credit Program for Water Connection	PDAM Kab. Klaten	Private Funding	14,777.78	The funding for the micro credit program is funded by PDAM Kab. Klaten
9	Kab. Sukoharjo	Micro Credit Program for Water Connection	PDAM Kab. Sukoharjo	Private Funding	16,533.33	The funding for the micro credit program is funded by PDAM Kab. Sukoharjo
10	Kab. Kendal	Micro Credit Program for Water Connection	PDAM Kab. Kendal	Private Funding	222.22	The funding for the micro credit program is funded by PDAM Kab. Kendal as part of their support to IUWASH Grant Program

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No	City	Program Description	Partners Involved	Type of Funding Sources (Public or Private)	Amount Leveraged (\$)	Remark
C. East Java						
11	Kab. Mojokerto	Micro Credit Program for Water Connection	PDAM Kab. Mojokerto, BRI, BSM Mojokerto Branch and PDAM Cooperative	Private Funding	50,966.67	The signing of the MoU between PDAM Cooperative and BSM was conducted in July, 2012 and the signing of MoU between PDAM Cooperative and BRI was conducted on November 10, 2011
12	Kota Probolinggo	Construction of sanitation facilities in Kab. Lamongan	CV Wahana Tirta, Koperasi Saitasi Mandiri, Dinas Kesehatan Kota Probolinggo	Private Funding	4,622.22	The signing of the MoU between PDAM Cooperative and BSM was conducted in July, 2012 and the signing of MoU between PDAM Cooperative and BRI was conducted on November 10, 2011
13	Kab. Mojokerto	Micro Credit Program for Improved Sanitation	SME-CV New Vitex, Dinas Kesehatan Kab. Mojokerto	Private Funding	4,888.89	The micro credit program for sanitation is a result of the triggering program activities
14	Kab. Sidoarjo	Micro Credit Program for Improved Sanitation	LPPM ITS, individual sanitarians, Dinas Kesehatan Kab. Mojokerto	Public Funding	9,583.33	The micro credit program for sanitation is a result of the triggering program activities
15	Kab. Jombang	Micro Credit Program for Improved Sanitation	Donas Kesehatan Kab. Jombang	Public Funding	6,444.44	The micro credit program for sanitation is a result of the triggering program activities
16	Kota Surabaya	Micro Credit Program for Improved Sanitation	LPPM ITS, individual sanitarians, Dinas Kesehatan Kota Surabaya	Public Funding	3,472.22	The micro credit program for sanitation is a result of the triggering program activities
17	Kab. Lamongan	Micro Credit Program for Improved Sanitation	Hippams Banyu Urip Lamongan	Private Funding	1,500.00	The micro credit program for sanitation is a result of the triggering program activities
18	Kab. Gresik	Micro Credit Program for Improved Sanitation	Dinas Kesehatan and sanitarian of Kab, Gresik	Private Funding	1,422.22	The micro credit program for sanitation is a result of the triggering program activities
19	Kota Batu	Micro Credit Program for Improved Sanitation	Dinas Kesehatan and sanitarians of Kota Batu	Private Funding	400.00	The micro credit program for sanitation is a result of the triggering program activities
C. South Sulawesi/Eastern Indonesia						
20	Kab. Jeneponto	Micro Credit Program for Improved Sanitation	PDAM Kab. Jeneponto and KSU Denas 66	Private Funding	2,311.11	The signing of the MoU between PDAM Kab. Sidrap and KSU Denas 66 was conducted on April 22, 2013
21	Kab. Sidrap	Micro Credit Program for Water Connection	PDAM Kab. Jeneponto and KSU Denas 66	Private Funding	2,000.00	The signing of the MoU between PDAM Kab. Sidrap and KSU Denas 66 was conducted on April 22, 2013
Total Amount Leveraged during PY4					427,507.56	
Total Amount Leveraged during PY 1					-	
Total Amount Leveraged during PY 2					9,732,488.56	
Total Amount Leveraged during PY 3					10,448,416.89	
To-date of Amount Leveraged					20,608,413.01	
Total baseline of FY2012					282,270,200	
Total Target over the life of the project (10% of the baseline)					28,227,020	
To-date percentage of the achievement of amount leveraged to support the expansion of Improved					7.30%	

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Annex 4.5a. Summary of Achievement of Microfinance Program Supported Improved Watsan Sector (EE-4)
Status: December 2013

No	City	Number of Household Increase Access to Improved Watsan		Number of People Increase Access to Improved Watsan	
		Water Supply	Sanitation	Water Supply	Sanitation
A. West Java/DKI Jakarta/Banten					
1	Kab. Lebak	-	32	-	160
2	Kab. Tangerang	-	25	-	125
	Kab. Serang	-	-	-	-
B. Central Java					
3	Kab. Kudus	-	-	-	-
4	Kab. Kendal	2	-	-	-
5	Kab. Klaten	133	-	665	-
6	Kab. Sukoharjo	186	-	930	-
7	Kab. Rembang	188	-	940	-
C. East Java					
8	Kab. Mojokerto	556	55	2,780	275
9	Kota Probolinggo	-	32	-	160
10	Kab. Sidoarjo	-	69	-	345
11	Kab. Jombang	-	56	-	280
12	Kota Surabaya	-	27	-	135
13	Kab. Lamongan	-	9	-	45
14	Kab. Malang	-	-	-	-
15	Kab. Probolinggo	-	-	-	-
	Kab. Gresik	-	8	-	40
	Kota Batu	-	3	-	15
D. South Sulawesi/Eastern Indonesia					
16	Kab. Pinrang	-	-	-	-
17	Kab. Jeneponto	-	13	-	65
18	Kab. Sidrap	18	-	90	-
E. North Sumatera					
19	Kab. Labuhan Batu	251	-	1,255	-
20	Kab. Langkat	118	-	590	-
Total		1,452	329	7,250	1,645
Total Low Income Household Accessing Micro Finance Supported Improved Watsan during PY4					1,781
Total Low Income Household Accessing Micro Finance Supported Improved Watsan during PY1					-
Total Low Income Household Accessing Micro Finance Supported Improved Watsan during PY2					2,848
Total Low Income Household Accessing Micro Finance Supported Improved Watsan during PY3					4,373
To-date achievement of Low Income Household Accessing Micro Finance Supported Improved Watsan					9,002
Total Target of Low Income Household Accessing Micro Finance Supported Improved Watsan					40,000
Percent To-date Achievement of Low Income Household Accessing Micro Finance Supported Improved Watsan					22.51%

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Annex 4.5b. Annual Summary of Achievement of Low Income Households Accessing Microfinance for New Household Water Connection (EE-4)

Status: Desember 2013

No	City	Name of PDAM	Name of Bank	Date of MoU Signing	Number of New PDAM Connections during in FY 2014				Number of People Benefiting from Safe Water Supply during FY 2014			
					Dec-13	Mar-14	Jun-14	Sep-14	Dec-13	Mar-14	Jun-14	Sep-14
Microfinance Supported New Water Connection												
A.	West Java											
1	Kab. Serang	PDAM Kab. Serang	BRI Cabang Serang	10-Nov-11	0	0	0	0	0	0	0	0
B.	Central Java											
2	Kab. Kudus	PDAM Kab. Kudus	Bank Syariah Mandiri (BSM) Cab, Kudus	9-Jan-12	0	0	0	0	0	0	0	0
3	Kab. Kendal	PDAM Kab. Kendal	N/A (using PDAM funding)	N/A	2	0	0	0	10	0	0	0
4	Kab. Klaten	PDAM Kab. Klaten	N/A (using PDAM funding)	N/A	133	0	0	0	665	0	0	0
5	Kab. Sukoharjo	PDAM Kab. Sukoharjo	N/A (using PDAM funding)	N/A	186	0	0	0	930	0	0	0
6	Kab. Rembang	PDAM Kab. Rembang	N/A (using PDAM funding)	N/A	188	0	0	0	940	0	0	0
C.	East Java											
7	Kab. Mojokerto	PDAM Kab. Mojokerto	BRI Cabang Kab. Mojokerto	10-Nov-11	556	0	0	0	2780	0	0	0
8	Kota Surabaya	PDAM Kota Surabaya	BRI Cabang Kota Surabaya		0	0	0	0	0	0	0	0
D.	South Sulawesi/Eastern Indonesia											
9	Kab. Pinrang	PDAM Kab. Pinrang	KSU Denas 66	18-Jan-13	0	0	0	0	0	0	0	0
10	Kab. Jeneponto	PDAM Kab. Jeneponto	KOPASS	18-Jan-13	0	0	0	0	0	0	0	0
11	Kab. Sidrap	PDAM Kab. Sidrap	KSU Denas 66	22-Apr-13	18	0	0	0	90	0	0	0
E.	North Sumatera											
12	Kab. Labuhan Batu	PDAM Kab. Labuhan Batu	N/A (using PDAM funding)	N/A	251	0	0	0	1255	0	0	0
13	Kab. Langkat	PDAM Kab. Langkat	Kop. Karyawan PDAM	28-Sep-12	118	0	0	0	590	0	0	0
Total Low Income Household Accessing Micro Finance for Household Improvements in					1452	0	0	0	7260	0	0	0
Total Low Income Household Accessing Micro Finance for new PDAM household connection during this quarter												1,452
Total Low Income Household Accessing Micro Finance for new PDAM household connection up to FY 2013												6,404
To-date achievement of the total Low Income Household Accessing Micro Finance for new PDAM household connection												7,856

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Annex 4.5c. Summary of Achievement of Low Income Households Accessing Microfinance Supported Improved Sanitation Services (EE-4)

Status: December 2013

No	City	Name of Institution Providing Loan	Household Address		Number of Household Get increased Access to Improved Sanitation through Microfinance of FY 2014				Number of People Get increased Access to Improved Sanitation through Microfinance of FY 2014			
			Name of Kelurahan/Village	Name of Sub-district	Dec-13	Mar-14	Jun-14	Sep-14	Dec-13	Mar-14	Jun-14	Sep-14
Microfinance Supported Improved Sanitation Services												
A. West Java/DKI Jakarta/Banten												
1	Kab. Lebak	Individual sanitarian	Tambakbaya	Cibadak	15	0	0	0	75	0	0	0
2			Kaduagung Tengah	Cibadak	10	0	0	0	50	0	0	0
3			Mandala	Mandala	7	0	0	0	35	0	0	0
4	Kab. Tangerang	Individual sanitarian	Kedaung Barat	Sepatan Timur	4	0	0	0	20	0	0	0
5			Jati Mulya	Sepatan Timur	0	0	0	0	0	0	0	0
6			Renged	Kresek	0	0	0	0	0	0	0	0
7			Talok	Kresek	0	0	0	0	0	0	0	0
8			Kp.Melayu Timur	Teluk Naga	5	0	0	0	25	0	0	0
9			Sukamanah	Jambe	3	0	0	0	15	0	0	0
10			Tanah Merah	Sepatan Timur	13	0	0	0	65	0	0	0
B. East Java												
11	Kota Probolinggo	CV Wahana Tirta, Koperasi Sanitasi Mandiri	Kedung Galeng		0	0	0	0	0	0	0	0
12			Kademangan		0	0	0	0	0	0	0	0
13			Wonoasih		0	0	0	0	0	0	0	0
14			Jrebeng Kidul		0	0	0	0	0	0	0	0
15			Mangunharjo	Mayangan	6	0	0	0	30	0	0	0
16			Jrebeng Lor		0	0	0	0	0	0	0	0
17			Sumber Wetan		0	0	0	0	0	0	0	0
18			Mayangan		0	0	0	0	0	0	0	0
19			Sukabumi		0	0	0	0	0	0	0	0
20			Jrebeng Kulon		0	0	0	0	0	0	0	0
21			Pakistaji		0	0	0	0	0	0	0	0
22			Kanigaran		0	0	0	0	0	0	0	0
23			Sumber Taman	Wonoasih	24	0	0	0	120	0	0	0
24			Jati	Mayangan	2	0	0	0	10	0	0	0

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No	City	Name of Institution Providing Loan	Household Address		Number of Household Get increased Access to Improved Sanitation through Microfinance of FY 2014				Number of People Get increased Access to Improved Sanitation through Microfinance of FY 2014				
			Name of Kelurahan/Village	Name of Sub-district	Dec-13	Mar-14	Jun-14	Sep-14	Dec-13	Mar-14	Jun-14	Sep-14	
25	Kab.Probolinggo	Individual sanitarian	Leces	Leces	0	0	0	0	0	0	0	0	
26			Sumber Kedawung	Leces	0	0	0	0	0	0	0	0	0
27			Krajan	Leces	0	0	0	0	0	0	0	0	0
28			Kramat	Leces	0	0	0	0	0	0	0	0	0
29			Gading	Leces	0	0	0	0	0	0	0	0	0
30			Rowo	Leces	0	0	0	0	0	0	0	0	0
31	Kab. Mojokerto	CV New Vitex, Individual Sanitarians	Kr. Kedawang		0	0	0	0	0	0	0	0	
32			Mojoaranu		0	0	0	0	0	0	0	0	0
33			Pucuk		0	0	0	0	0	0	0	0	0
34			Sooko		0	0	0	0	0	0	0	0	0
35			Bangsals	Bangsals	0	0	0	0	0	0	0	0	0
36			Pucuk	Dawar Blandong	0	0	0	0	0	0	0	0	0
37			Jelak	Pungging	0	0	0	0	0	0	0	0	0
38			Jiyu	Kutorejo	0	0	0	0	0	0	0	0	0
39			Tempuran	Sooko	0	0	0	0	0	0	0	0	0
40			Jampirogo	Sooko	21	0	0	0	0	105	0	0	0
41			Jotangan	Mojosari	0	0	0	0	0	0	0	0	0
42			Japan	Sooko	6	0	0	0	0	30	0	0	0
43			Trowulan	Trowulan	7	0	0	0	0	35	0	0	0
44			Sidoarjo	Gedek	10	0	0	0	0	50	0	0	0
45			Gayaman	Mojoanyar	11	0	0	0	0	55	0	0	0
46	Kab. Sidoarjo	Revolving fund under IUWASH Grant Program by LPPM ITS, Individual Sanitarians	Bareng Krajan	Krian	0	0	0	0	0	0	0	0	
47			Tempel	Krian	0	0	0	0	0	0	0	0	0
48			Ngares	Sukodono	0	0	0	0	0	0	0	0	0
49			Watugolong	Krian	0	0	0	0	0	0	0	0	0
50			Tropodo	Krian	0	0	0	0	0	0	0	0	0
51			Krian	Krian	0	0	0	0	0	0	0	0	0

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No	City	Name of Institution Providing Loan	Household Address		Number of Household Get increased Access to Improved Sanitation through Microfinance of FY 2014				Number of People Get increased Access to Improved Sanitation through Microfinance of FY 2014			
			Name of Kelurahan/Village	Name of Sub-district	Dec-13	Mar-14	Jun-14	Sep-14	Dec-13	Mar-14	Jun-14	Sep-14
52			Sidomulyo	Krian	0	0	0	0	0	0	0	0
53			Sidorejo	Krian	0	0	0	0	0	0	0	0
54			Sambungrejo	Sukodono	0	0	0	0	0	0	0	0
55			Jogosatru	Sukodono	0	0	0	0	0	0	0	0
56			Kepadangan	Tulangan	0	0	0	0	0	0	0	0
57			Janti	Tulangan	0	0	0	0	0	0	0	0
58			Waru Mberon	Balong Bendo	0	0	0	0	0	0	0	0
59			Wonokupang	Balong Bendo	0	0	0	0	0	0	0	0
60			Taman	Krian	0	0	0	0	0	0	0	0
61			Prambon	Krian	0	0	0	0	0	0	0	0
62			Sidomojo	Krian	4	0	0	0	20	0	0	0
63			Candinegoro	Wonoayu	18	0	0	0	90	0	0	0
64			Wonokalang	Wonoayu	11	0	0	0	55	0	0	0
65			Jeruk Gamping	Krian	3	0	0	0	15	0	0	0
66			Balongsendo	Balongsendo	2	0	0	0	10	0	0	0
67			Bangsri	Sukodono	31	0	0	0	155	0	0	0
68	Kab. Jombang	Individual sanitarian	Kr. Winongan	Mojoagung	0	0	0	0	0	0	0	0
69			Karobelah	Mojoagung	3	0	0	0	15	0	0	0
70			Janti	Mojoagung	23	0	0	0	115	0	0	0
71			Betek	Mojoagung	0	0	0	0	0	0	0	0
72			Tanggal Rejo	Mojoagung	0	0	0	0	0	0	0	0
73			Dukuh Mojo	Mojoagung	0	0	0	0	0	0	0	0
74			Kali Bening	Mojoagung	0	0	0	0	0	0	0	0
75			Kedunglumpang	Mojoagung	0	0	0	0	0	0	0	0
76			Joho Winong	Mojoagung	0	0	0	0	0	0	0	0
77			Plosogeneng	Jombang Kota	21	0	0	0	105	0	0	0
78			Banjardowo	Jombang Kota	8	0	0	0	40	0	0	0
79			Denanyar	Jombang Kota	1	0	0	0	5	0	0	0

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No	City	Name of Institution Providing Loan	Household Address		Number of Household Get increased Access to Improved Sanitation through Microfinance of FY 2014				Number of People Get increased Access to Improved Sanitation through Microfinance of FY 2014			
			Name of Kelurahan/Village	Name of Sub-district	Dec-13	Mar-14	Jun-14	Sep-14	Dec-13	Mar-14	Jun-14	Sep-14
80	Kota Surabaya	Revolving fund under IUWASH Grant Program by LPPM ITS, Individual Sanitarians	Wonokromo	Wonokromo	9	0	0	0	45	0	0	0
81			Warugunung	Karangpilang	0	0	0	0	0	0	0	0
82			Karangpilang	Karangpilang	7	0	0	0	35	0	0	0
83			Tenggiling	Tenggiling	11	0	0	0	55	0	0	0
84	Kab. Lamongan	Hippams Banyu Urip	Bedingin	Sugio	0	0	0	0	0	0	0	0
85			Supenuh	Sugio	0	0	0	0	0	0	0	0
86			Gondang Lor	Sugio	0	0	0	0	0	0	0	0
87			German	Sugio	0	0	0	0	0	0	0	0
88			Mungli	Kalitengah	9	0	0	0	45	0	0	0
89	Kab. Malang	Individual sanitarian	Talangsuko	Turen	0	0	0	0	0	0	0	0
90	Kab. Gresik		Sukodono	Panceng	4	0	0	0	20	0	0	0
91			Pangkah Kulon	Ujung Pangkah	4	0	0	0	20	0	0	0
92	Kota Batu		Gunungsari	Bumiaji	3	0	0	0	15	0	0	0
C.	South Sulawesi/Eastern Indonesia											
93	Kab. Jeneponto	Koppas	Empoang Utara	Binamu	0	0	0	0	0	0	0	0
94			Biringkasi	Binamu	13	0	0	0	65	0	0	0
95			Arungkeke	Arungkeke	0	0	0	0	0	0	0	0
96			Bontoramba	Bontoramba	0	0	0	0	0	0	0	0
97			Pallengo	Bangkala	0	0	0	0	0	0	0	0
Total Low Income Household Accessing Micro Finance Supported Improved Sanitation					329	0	0	0	1645	0	0	0
Total Low Income Household Accessing Micro Finance Supported Improved Sanitation during this quarter												329
Total Low Income Household Accessing Micro Finance Supported Improved Sanitation during FY 2013												817
To-date achievement of the total Low Income Household Accessing Micro Finance Supported Improved Sanitation												1,146

ANNEX 5: TRAINING, WORKSHOP AND SEMINAR ACTIVITIES OF FIRST QUARTER OF FOURTH YEAR

(Period of October - December 2013)

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

Type	Province	Title	Location	Starting Date	End Date	Participants	% Female	Budget (Rp)	Actual Cost (Rp)				
									Instruction	Trainee	Travel	Total	
						4,407	36.07%	1,126,882,250	250,367,894	595,784,224	157,195,000	938,347,118	
Focus Group Discussion	North Sumatra	Focus Grup Diskusi Untuk Program Master Meter Kel. Simare-mare Kota Sibolga	Kota Sibolga	10/9/2013	10/9/2013	13	30.77%	2,825,000	643,900	422,000	900,000	1,965,900	
	North Sumatra	FGD Finalisasi Draft Peraturan Walikota Tentang Optimalisasi Kinerja PDAM Tirta Sari Kota Binjai	Ruang Rapat 3, Pemko Binjai	10/29/2013	10/29/2013	14	14.29%	4,250,000	1,400,000	616,800	675,000	2,691,800	
	North Sumatra	Implementasi Grant Micro Kredit WC Sehat/ Penyusunan Strategi Promosi melalui Rapid Assesment di Lokasi Potensial Program Micro Credit Sanitasi Kota Tanjungbalai	Kecamatan Teluk Nibung o Kelurahan Pematang Pasir Kecamatan Datuk Bandar o Kelurahan Pantai Johor · Kecamatan Sei Tualang Raso o Kelurahan Kramat Kubah		11/12/2013	11/17/2013	75	33.33%	6,212,500	5,334,950	1,125,000	0	6,459,950
	North Sumatra	Implementasi Grant Micro Kredit WC Sehat/ Penyusunan Strategi Promosi melalui Rapid Assesment di Lokasi Potensial Program Micro Credit Sanitasi Labuhanbatu	Kel. Padang matinggi, Padang pasir, Aek Paing dan Sioldengan		11/14/2013	11/18/2013	87	55.17%	7,850,000	6,477,500	1,500,000	-	7,977,500
	North Sumatra	Implementasi Grant Micro Kredit WC Sehat/ Penyusunan Strategi Promosi melalui Rapid Assesment di Lokasi Potensial Program Micro Credit Sanitasi Kabupaten Asahan	· Kecamatan Silau Laut (Desa Silau Bonto dan Desa Silau Baru) · Kecamatan Tinggi Raja (Desa Tinggi Raja dan Desa Terusan Tengah)		11/20/2013	11/24/2013	104	52.88%	7,850,000	6,726,175	1,500,000	-	8,226,175

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Type	Province	Title	Location	Starting Date	End Date	Participants	% Female	Budget (Rp)	Actual Cost (Rp)			
									Instruction	Trainee	Travel	Total
	North Sumatra	FGD Finalisasi Draft Peraturan Walikota Tentang Optimalisasi Kinerja PDAM Tirta Sari Kota Binjai	PDAM Binjai	11/21/2013	11/21/2013	8	12.50%	230,000	-	284,000	-	284,000
	North Sumatra	FGD Dan Penyusunan Laporan Survei Kepuasan Pelanggan Dan Analisa SWOT Pada Bisnis Plan PDAM Langkat	stabat	8/13/2013	8/18/2013	6	50.00%	7,500,000	5,850,000	0	600,000	6,450,000
	North Sumatra	Penyusunan Laporan Survei Kepuasan Pelanggan Dan Analisa SWOT Pada Bisnis Plan PDAM Tebing Tinggi	Pdam Tirta Bulian	8/15/2013	8/23/2013	4	25.00%	7,625,000	5,820,000	1,195,000	400,000	7,415,000
	North Sumatra	FGD Dan Penyusunan Laporan Survei Kepuasan Pelanggan Dan Analisa SWOT Pada Bisnis Plan PDAM Tanjungbalai 3-8 september 2013	PDAM Tanjungbalai	9/3/2013	9/8/2013	1	0.00%	7,900,000	5,850,000	0	1,200,000	7,050,000
	West Java/Banten /DKI Jakarta	Formation/development CEM -FGD inisiasi/kajian program dan pelaksana CEM eksisting Kab. Purwakarta	Hotel Grand Situ Buleud Kab.Purwakarta	10/28/2013	10/29/2013	17	29.41%	6,700,000	2,000,000	-	800,000	2,800,000
	West Java/Banten /DKI Jakarta	Facilitate Discussion and Provide TA - Rapat Evaluasi Program Kab Serang dan Tangerang, 6-7 November 2013	Kab serang dan Kab Tangerang	11/6/2013	11/7/2013	44	27.27%	8,600,000	-	5,362,750	1,000,000	6,362,750
	West Java/Banten /DKI Jakarta	Development of Perbup STBM-Penyusunan Perbup STBM sesi II Kab. Bandung	Gedung pertemuan Rumah Makan Panyaungan Kab. Bandung	11/12/2013	11/12/2013	26	50.00%	5,550,000	400,000	2,350,000	1,300,000	4,050,000
	West Java/Banten /DKI Jakarta	PDAM Business Plan-FGD Pembahasan Program Bidang PDAM Kota Bogor	Kota Bogor Royal Hotel	11/14/2013	11/14/2013	32	25.00%	11,608,000	13,050,000	-	-	13,050,000

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Type	Province	Title	Location	Starting Date	End Date	Participants	% Female	Budget (Rp)	Actual Cost (Rp)			
									Instruction	Trainee	Travel	Total
	West Java/Banten /DKI Jakarta	Facilitate Diss & provide technical assistance for the Devt of draft regulation UPTD PAL set up-FGD Peny Peraturan Bupati Pembentukan UPTD Pengelolaan Air Limbah Kab Bekasi,23 Nov13	Hotel Grand Prioritas Puncak	11/23/2013	11/23/2013	18	11.11%	6,750,000	-	4,920,000	-	4,920,000
	West Java/Banten /DKI Jakarta	Facilitate Diss & provide technical assistance for the Devt of draft regulation UPTD PAL set up-FGD Penyusunan Peraturan Bupati Pembentukan UPTD Pengelolaan Air Limbah Kab. Lebak	Kab Lebak	11/29/2013	11/29/2013	21	19.08%	5,300,000	590,000	575,000	1,700,000	2,865,000
	West Java/Banten /DKI Jakarta	Focus Group Discussion Sesi 1 Penyusunan Peraturan Bupati Sanitasi Total Berbasis Masyarakat 30 September 2013	Kab Bandung	9/30/2013	9/30/2013	27	22.22%	3,750,000	400,000	0	2,000,000	2,400,000
Focus Group Discussion (Cont')	West Java/Banten /DKI Jakarta	FGD Sistem Perpipaan dan PHBS Program Sanimas & SLBM	1. Desa Cibiru wetan (Sanimas) 2. Desa Cicalengka Kulon (SLBM) 3. Desa Cikuya (SLBM) 4. Desa Mekarwangi (SLBM) 5. Desa Lagadar (SLBM)	7/27/2013	9/30/2013	141	43.26%	5,750,000	800,000	2,650,000	1,350,000	4,800,000
	West Java/Banten /DKI Jakarta	FGD USM IUWASH dan PD PAL jaya	kantor IUWASH di Jakarta	9/12/2013	9/12/2013	15	46.67%	560,000	0	288,000	0	288,000
	West Java/Banten /DKI Jakarta	Pembentukan Pokja Kel. Sempur Piloting Kedoteng-TSS	Kota Bogor	9/18/2013	9/18/2013	26	23.08%	2,300,000	700,000	1,520,000	0	2,220,000

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Type	Province	Title	Location	Starting Date	End Date	Participants	% Female	Budget (Rp)	Actual Cost (Rp)			
									Instruction	Trainee	Travel	Total
	Central Java	FGD Peningkatan Akses Sanitasi Individu Melalui Mikro Kredit Bersama Dinas Kesehatan Kab. Sukoharjo Jawa Tengah	Rumah Makan Embun Pagi	10/8/2013	10/8/2013	24	45.83%	4,700,000	450,000	855,000	950,000	2,255,000
	Central Java	FGD Forum BKM Mendorong Kebutuhan Sanitasi Keluarga Menjadi Prioritas Dalam Rencana Kerja Masyarakat Masyarakat Untuk Meraih Dana Stimulan Program PNPM MANDIRI Perkotaan Kab. Rembang	Rumah Makan Rumah nenek Kabupaten Rembang	10/17/2013	10/17/2013	60	15.00%	7,000,000	150,000	3,300,000	2,750,000	6,200,000
	Central Java	FGD Review Penyusunan Peraturan Bupati tentang Reklasifikasi Pelanggan	RM New Merapi Resto	10/17/2013	10/17/2013	19	15.79%	3,200,000	648,900	1,800,000	700,000	3,148,900
	Central Java	FGD Lanjutan Pembentukan Lembaga Pengelola Air Limbah (Audiensi Sekda untuk Persetujuan Pembentukan Kelembagaan) Kabupaten Rembang dan Batang	Kantor Sekda Kabupaten Rembang dan Batang	10/21/2013	10/25/2013	38	10.52%	9,300,000	5,450,000	2,500,000	-	7,950,000
	Central Java	FGD Lanjutan Pembentukan Lembaga Pengelola Air Limbah (Kajian Regulasi Kota Semarang dan Paparan Serta Pembahasan Kajian Kelembagaan Kab Sukoharjo)	Kantor Bappeda Kota Semarang dan Kantor Bappeda Kabupaten Sukoharjo	11/9/2013	11/9/2013	15	13.33%	6,100,000	850,000	604,500	500,000	1,954,500
	Central Java	FGD Persiapan Pelaksanaan Ujicoba Penyedotan Lumpur Tinja (SLLT)	Ruang Rapat - Kantor PDAM Kota Surakarta	11/12/2013	11/13/2013	11	36.36%	3,400,000	1,012,000	562,500	-	1,574,500
Focus Group Discussion (Cont')	Central Java	FGD Advokasi Mendorong Kebutuhan Sanitasi Keluarga Menjadi Prioritas Dalam PJM Pronangkis Program PNPM MANDIRI Perkotaan Kab.Kudus	RM Poroliman	11/14/2013	11/14/2013	21	9.52%	2,975,000	450,000	1,375,000	950,000	2,775,000

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Type	Province	Title	Location	Starting Date	End Date	Participants	% Female	Budget (Rp)	Actual Cost (Rp)			
									Instruction	Trainee	Travel	Total
	Central Java	FGD Fasilitas Inisiasi Pembentukan UPTD Air Limbah (Kajian Kelembagaan Air Limbah Kabupaten Klaten)	RM New Merapi, Klaten	11/21/2013	11/21/2013	10	20.00%	3,975,000	605,000	442,500	200,000	1,247,500
	Central Java	Kick Of Meeting Program Pengembalian Air ke Alam/Sumur Resapan (CCFI)	Iuwash Office	11/27/2013	11/28/2013	18	33.33%	2,500,000	-	1,369,900	300,000	1,669,900
	East Java	Focus Group Discussion Promosi Sanitasi	Kec Singosari dan Turen	10/9/2013	10/11/2013	35	37.14%	1,650,000	822,900	500,000	-	1,322,900
	East Java	Workshop Penyusunan Tugas dan Fungsi UPTD Air Limbah Domestik Kabupaten Gresik	Legend Gresik	10/30/2013	10/30/2013	9	11.11%	4,350,000	548,000	2,100,000	450,000	3,098,000
	East Java	FGD Urban Sludge Management (USM) PENENTUAN PILOT AREA DAN PERSIAPAN SENSUS SEPTIK TANK KABUPATEN PROBOLINGGO	Ruang Pertemuan RM ORIN	11/19/2013	11/19/2013	16	31.25%	5,045,000	-	1,610,000	1,600,000	3,210,000
	East Java	FGD Urban Sludge Management (USM) PENENTUAN PILOT AREA DAN PERSIAPAN SENSUS SEPTIK TANK KABUPATEN MOJOKERTO	Ruang Pertemuan RM Jimbaran, Mojokerto	11/20/2013	11/20/2013	11	45.45%	5,045,000	613,122	2,077,500	1,100,000	3,790,622
	East Java	FGD Urban Sludge Management (USM) Penentuan Pilot Area dan Persiapan Sensus Septic Tank Kota Malang	Ruang Pertemuan RM Kertanegara, Kota Malang	11/21/2013	11/21/2013	9	44.44%	4,595,000	-	1,268,100	675,000	1,943,100
	East Java	FGD Urban Sludge Management (USM) Penentuan Pilot Area dan Persiapan Sensus Septic Tank Kabupaten Malang	Ruang Pertemuan RM Kertanegara, Kota Malang	11/22/2013	11/22/2013	9	33.33%	5,045,000	-	1,420,900	900,000	2,320,900
	East Java	FGD USM: Persiapan Implementasi Layanan Lumpur Tinja Terjadwal di Kota Probolinggo	Hotel Bromo View, Probolinggo	6/28/2013	6/28/2013	26	34.62%	10,405,000	1,479,125	660,000	900,000	3,039,125

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Type	Province	Title	Location	Starting Date	End Date	Participants	% Female	Budget (Rp)	Actual Cost (Rp)			
									Instruction	Trainee	Travel	Total
	South Sulawesi/Eastern Indonesia	Rapat Koordinasi Bersama - Program IUWASH & Program Sanimas PU Provinsi Tahun 2014	Ruang Rapat Bappeda Kota Jayapura	10/9/2013	10/9/2013	28	28.57%	6,000,000	465,000	1,360,000	3,800,000	5,625,000
Focus Group Discussion (Cont')	South Sulawesi/Eastern Indonesia	Pendampingan Masyarakat dan Penguatan Kelompok BPS MCK++ di Polimak IV Kelurahan Ardipura, Kota Jayapura	Polimak IV Kelurahan Ardipura	10/21/2013	10/21/2013	28	42.86%	300,000	-	300,000	-	300,000
	South Sulawesi/Eastern Indonesia	FGD Citizen Engagement Mechanism for Water Supply and Sanitation Enrekang	Ruang Rapat Bappeda Enrekang	11/19/2013	11/19/2013	21	23.81%	2,550,000	1,100,000	1,000,000	250,000	2,350,000
Training of Trainers	South Sulawesi/Eastern Indonesia	Training NRW Kabupaten Jayapura (UPP Sentani)	Kantor PDAM UPP Kabupaten Sentani	11/13/2013	11/15/2013	16	31.25%	3,550,000	-	1,887,500	750,000	2,637,500
	South Sulawesi/Eastern Indonesia	Training Pemicuan, PHBS dan Gender bagi Kader Kesehatan Kelurahan Waihaong dan Silale Kota Ambon	Ruang pengajian Kel. Waihaong KOTA Ambon	11/25/2013	11/30/2013	27	81.48%	17,080,000	2,301,000	5,222,000	5,200,000	12,723,000
Training Course	North Sumatra	Monitoring and Evaluation of Implementation Billing System/Pelatihan Lapangan Lanjutan untuk Persiapan Peluncuran Program Akuntansi dan Rekening (SISKA) PDAM Kota Tanjung Balai, Sumatera Utara	PDAM TirtaKualo Tanjungbalai	11/11/2013	11/17/2013	1	0.00%	10,400,000	-	4,800,000	1,600,000	6,400,000
	North Sumatra	Pelatihan Lapangan Lanjutan Program Akuntansi dan Rekening (SISKA) PDAM Tirta Wampu Kab.Langkat / Monitoring and Evaluation of Implementation Billing System	Stabat	11/18/2013	11/19/2013	11	72.73%	3,750,000	-	1,920,000	300,000	2,220,000

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Type	Province	Title	Location	Starting Date	End Date	Participants	% Female	Budget (Rp)	Actual Cost (Rp)			
									Instruction	Trainee	Travel	Total
	North Sumatra	Training of SOP with schema micro finance n PDAM Labuhanbatu	PDAM Labuhanbatu	7/16/2013	7/17/2013	17	17.65%	12,650,000	0	0	0	No budget Needed
	North Sumatra	SCOPE OF WORK PELATIHAN GIS UNTUK PENGEMBANGAN DATA SPASIAL PDAM TIRTA KUALO KOTA TANJUNGBALAI	Ruangan rapat PDAM	8/27/2013	8/30/2013	7	28.57%	7,250,000	2,812,500	1,180,000	1,725,000	5,717,500
	North Sumatra	Pelatihan dan Pengambilan Data Monitoring Dewan Pengawas, PDAM, PU, dan Bappeda Kota Medan, Binjai, Tebing Tinggi, Pematang Siantar, Tanjung Balai, Propinsi Sumatera Utara	Medan, Binjai, Tebing Tinggi, Pematangsiantar dan Tanjungbalai	8/27/2013	9/6/2013	13	7.69%	15,825,000	4,950,000	0	750,000	5,700,000
	North Sumatra	Baseline survey penjajakan master meter	Aula PDAM Tirta Nauli	4/30/2013	5/4/2013	8	37.50%	2,285,000	3,139,500	550,000	400,000	4,089,500
Training Course (cont')	North Sumatra	PELATIHAN GIS UNTUK PENGEMBANGAN DATA SPASIAL PDAM TIRTA BULIAN KOTA TEBING TINGGI	Kantor PDAM Tirta Bulian kota Tebing Tinggi	9/10/2013	9/19/2013	10	30.00%	9,000,000	5,269,500	4,223,800	200,000	9,693,300
	North Sumatra	Program NRW aspek Kelembagaan non Tekhnis	Wisma Putri Deli , Jl. Sisingamangaraja Rantauprapat	9/17/2013	9/18/2013	15	0.00%	8,600,000	882,000	870,000	2,400,000	4,152,000
	West Java/Banten /DKI Jakarta	Support for setting up UPTD - FGD Kedudukan & Tupoksi UPTD Kota Bekasi	Kota Bekasi	10/10/2013	10/10/2013	11	36.36%	1,250,000	500,000	750,000	-	1,250,000
	West Java/Banten /DKI Jakarta	Socialization & Training in 17 STBM sites integration w Sanimas-Pelatihan Monitoring Sistim WEB bagi Sanitarian	Meeting Room Bappeda Kota Bogor	10/17/2013	10/17/2013	33	78.79%	5,625,000	545,000	1,210,000	2,800,000	4,555,000
	West Java/Banten /DKI Jakarta	Socialization and trianing in 17 STBM replication sites - FGD Pokja Kedoteng Sempur Bogor	kantor Kelurahan Sempur_Kota Bogor	10/17/2013	11/24/2013	35	51.43%	600,000	-	600,000	-	600,000

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	West Java/Banten /DKI Jakarta	Capacity Building KSM Sanimas in 6 Locations- FGD Kampung Sanitasi Kota Bekasi	Kota Bekasi	10/17/2013	10/17/2013	19	36.84%	1,600,000	400,000	1,000,000	-	1,400,000
	West Java/Banten /DKI Jakarta	Support for setting up UPTD - FGD Kedudukan & Tupoksi UPTD Kota Tangerang Selatan	Kota Tangerang selatan	10/31/2013	10/31/2013	13	30.77%	1,150,000	500,000	750,000	-	1,250,000
	West Java/Banten /DKI Jakarta	Set up and establish Customer Communication Forum : Facilitation formation for working group and capacity building - Training Customer Service PDAM Tirta Raharja Kab. Bandung	Kab. Bandung	11/19/2013	11/20/2013	37	40.54%	14,425,000	1,384,000	11,000,000	-	12,384,000
	West Java/Banten /DKI Jakarta	Socialization and training in 17 STBM replication sites (integration with SANIMAS) Pelatihan Promosi Perubahan Perilaku Higinitas Bagi Kader STBM/ SANIMAS "Promosi Fasilitas Sanitasi yang Lebih Baik, CTPS dan PAM RT" IUWASH- Dinas Kesehatan Kota Bogor 22-23 November 2013	Kota Bogor, Gedung Paspampres	11/22/2013	11/23/2013	42	83.33%	11,770,000	13,040,000	900,000	-	13,940,000
	West Java/Banten /DKI Jakarta	Sosialisasi Optimalisasi Akses Sanitasi Kota Bekasi	Kota Bekasi	9/25/2013	10/17/2013	412	88.35%	11,400,000	5,210,000	6,000,000	0	11,210,000
Training Course (cont')	Central Java	ORIENTASI SANITASI TOTAL BERBASIS MASYARAKAT DINAS KESEHATAN KOTA SALATIGA 22-23 OKTOBER 2013	Kelurahan Pulutan Kecamatan Sidorejo Kota Salatiga	10/22/2013	10/23/2013	26	46.15%	0	-	-	-	-
	Central Java	TRAINING PERSIAPAN PEMBENTUKAN FORUM PELANGGAN KABUPATEN REMBANG	RM " Rumah nenek Kab Rembang"	11/21/2013	11/21/2013	10	10.00%	2,900,000	150,000	1,200,000	350,000	1,700,000

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	Central Java	Training Peningkatan Kapasitas Staff PDAM Kab. Batang	Pagelaran, Kab. Batang	11/22/2013	11/23/2013	98	13.27%	0	-	65,000,000	-	-
	Central Java	Training Peningkatan Kapasitas Staff PDAM Kabupaten Batang	Batang	11/22/2013	11/24/2013	100	60.00%	0	-	-	-	-
	Central Java	TRAINING TEKNIK MEMBANGUN JAMBAN SEHAT SESUAI STANDAR SNI BAGI WIRUSAHAWAN SANITASI KOTA SEMARANG	Simpang Lima Residence dan Rumah Masyarakat	11/25/2013	11/26/2013	28	21.43%	16,400,000	7,990,300	4,350,000	2,900,000	15,240,300
	East Java	Praktek Pembuatan Jamban Kabupaten Lamongan	Kecamatan Kalitengah	10/8/2013	10/20/2013	58	63.79%	8,250,000	6,494,000	975,000	-	7,469,000
	East Java	Pelatihan Optimalisasi Produkksi IPA untuk Operator	Hotel Santika Surabaya dan IPA PDAM Sidoarjo	10/22/2013	10/24/2013	20	0.00%	41,725,000	5,091,451	29,019,000	2,750,000	36,860,451
	East Java	Pelatihan Promosi Perilaku Sehat untuk Sanitarian, Promkes, PKK, Bidan Kelurahan dan Kader Kesehatan Kota Surabaya	Hotel Narita-Surabaya	10/29/2013	10/30/2013	31	90.32%	19,997,000	3,357,800	10,735,050	4,650,000	18,742,850
	East Java	Praktek Pembuatan Jamban Kabupaten Sidoarjo	Desa Candinegoro, Kecamatan Wonoayu	11/4/2013	11/10/2013	50	50.00%	3,750,000	3,692,500	-	-	3,692,500
	East Java	Pelatihan Promosi Perilaku Sehat untuk Sanitarian, Petugas Promkes dan Kader Kesehatan	Kabupaten Lamongan	11/20/2013	11/21/2013	90	84.44%	19,949,000	2,838,200	9,300,000	4,200,000	16,338,200
	East Java	Pelatihan Praktek Pembuatan Jamban Sehat Kecamatan Sooko Kabupaten Mojokerto	Kecamatan Sooko	7/2/2013	9/20/2013	113	69.91%	7,625,000	5,746,000	1,875,000	0	7,621,000
	East Java	Pelatihan Strategi Penurunan Tingkat Kehilangan Air (NRV) PDAM di Jawa Timur	Hotel Mercure Grant Mirama, Surabaya	9/3/2013	9/6/2013	36	11.11%	103,850,000	17,272,290	78,476,500	5,550,000	101,298,790

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	East Java	Pelatihan Enumerator dan Sosialisasi LLTT Kab Jombang	Ruang Pertemuan RM Zam-Zam (Pelatihan enumerator) dan Hotel Yusro (Sosialisasi), Jombang	9/10/2013	9/10/2013	74	36.49%	15,440,000	2,088,000	4,917,500	3,350,000	10,355,500
	East Java	Praktek Pembuatan Jamban Sehat Kabupaten Jombang	Kecamatan Peterongan dan Plandaan	9/10/2013	9/20/2013	102	61.76%	13,400,000	5,455,000	1,000,000	0	6,455,000
	East Java	Pelatihan Strategi Perencanaan Optimalisasi dan Pengembangan Sistem Distribusi PDAM se Jawa Timur	Grand Trawas Hotel, Mojokerto	9/12/2013	9/13/2013	23	8.70%	19,960,000	1,586,463	12,500,000	3,100,000	17,186,463
	East Java	Pelatihan Perencanaan dan Penganggaran Responsif Gender	Kota Surabaya	9/16/2013	9/18/2013	75	49.33%	49,495,000	3,065,673	42,480,000	2,500,000	48,045,673
	East Java	Pelatihan Enumerator Survey Pembiayaan Air Bagi Masyarakat Berpenghasilan Rendah dari Program Meter di Kabupaten Sidoarjo	Rumah Makan Handayani	9/16/2013	9/16/2013	17	23.53%	5,130,000	675,600	2,582,100	600,000	3,857,700
	East Java	Pemicuan dan Dukungan Praktek Pembuatan Jamban Kerjasama dengan BP-SABS (Badan Pengelola Sarana Air Bersih dan Sanitasi) Desa Karang Suko-Kabupaten Malang	Desa Karang Suko, Kabupaten Malang	9/16/2013	9/20/2013	104	91.35%	6,225,000	3,935,000	2,250,000	0	6,185,000
	East Java	Pelatihan Promosi Perilaku Sehat untuk Sanitarian, Petugas Promkes dan Kader Kesehatan di Kota Batu	Hotel Klub Bunga, Kota Batu	9/18/2013	9/19/2013	22	63.64%	22,520,000	4,581,444	15,200,000	2,400,000	22,181,444
	East Java	Praktek Pembuatan Jamban Kabupaten Probolinggo	Kecamatan Leces dan Maron	9/19/2013	9/21/2013	164	42.07%	14,550,000	12,138,500	2,200,000	0	14,338,500

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	South Sulawesi/Eastern Indonesia	Training Eunemator Survey Minat dan Pendaftaran calon pelanggan PDAM Sidrap Pada wilayah Pelayanan MBR program Mikro Kredit Sumbungan Air Sidrap, 21 Oktober 2013	Kabupaten Sidrap	10/21/2013	10/21/2013	13	46.15%	2,615,000	150,000	1,500,000	650,000	2,300,000
	South Sulawesi/Eastern Indonesia	Preparation of Standard Operational Procedures for Institutional UPTD PAL kota Makassar	Hotel SwissBell Kota Makassar	10/29/2013	10/30/2013	15	33.33%	9,000,000	1,238,000	5,100,000	1,200,000	7,538,000
	South Sulawesi/Eastern Indonesia	Training Survey kepemilikan sarana jamban dan ketersediaan air kab. Takalar	Kota Makassar	10/29/2013	10/29/2013	56	42.86%	14,600,000	1,593,500	6,500,000	5,000,000	13,093,500
	South Sulawesi/Eastern Indonesia	Advance of Preparation the SOP Institution for UPTD PAL kota Makassar	IUWASH SSEI Office at Kota Makassar	11/1/2013	11/2/2013	7	28.57%	2,400,000	-	723,000	600,000	1,323,000
	South Sulawesi/Eastern Indonesia	Pelatihan Pembuatan Jamban Untuk Sanitarian dan SME di Kabupaten Pinrang	Halaman Kantor Dinas Kesehatan Pinrang	11/6/2013	11/6/2013	62	58.06%	2,800,000	-	2,800,000	-	2,800,000
Training Course (cont')	South Sulawesi/Eastern Indonesia	Training Penjelasan Form survey sanitasi dan Ketersediaan air untuk mikro kredit sanitasi	Aula dinas kesehatan Kab. Sidrap	11/19/2013	11/19/2013	24	62.50%	5,886,000	2,249,000	980,000	1,150,000	4,379,000
	South Sulawesi/Eastern Indonesia	Training penjelasan Form survey sanitasi dan ketersediaan air bersih kab. Pinrang	Penyamaan persepsi form survey sanitasi dan ketersediaan air kab. Pinrang	11/20/2013	11/20/2013	32	62.50%	5,580,000	1,152,000	1,400,000	1,600,000	4,152,000
	South Sulawesi/Eastern Indonesia	Lanjutan Penyusunan Finpro PDAM Kab. Sidrap	IUWASH Office	5/8/2013	5/8/2013	4	50.00%	420,000	0	0	0	No budget Needed
	South Sulawesi/Eastern Indonesia	Pelatihan Teknis Optimalisasi dan Pengembangan Jaringan Perpipaan Induk PDAM Kota Makassar	PDAM kota Makassar	7/16/2013	7/16/2013	17	5.88%	0	0	0	0	No budget Needed

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	South Sulawesi/Eastern Indonesia	SOSIALISASI & PEMBENTUKAN BPS SANITASI SLBM Lokasi Kota Ambon – Dusun Kayu Tiga	Rumah Ketua RT	8/2/2013	8/6/2013	48	95.83%	1,520,000	0	1,250,000	0	1,250,000
	South Sulawesi/Eastern Indonesia	Training for Enumerators of the Survey on Satisfaction of the Poor to Watsan Services	IUWASH SSEI Office	9/12/2013	9/12/2013	10	80.00%	1,390,000	0	385,500	900,000	1,285,500
	South Sulawesi/Eastern Indonesia	Training Enumerators Survey K3 (Kuantitas, Kualitas dan Kuntinuitas) PDAM Sidrap Pada wilayah Pelayanan MBR program Mikro Kredit Sumbungan Air	Parepare	9/17/2013	9/17/2013	11	36.36%	1,890,000	0	1,070,000	550,000	1,620,000
	South Sulawesi/Eastern Indonesia	Pelatihan Teknis Lanjutan (Advanced Training), Evaluasi dan Pengembangan Jaringan Perpipaan SPAM 10 PDAM Kabupaten/Kota Sulawesi Selatan dan Indonesia Timur	Hotel Swissbel In, Makassar	9/18/2013	9/20/2013	24	8.33%	67,015,000	3,000,000	43,954,999	19,249,000	66,203,999
Workshop	National	Lokakarya Berbagi Pengalaman Strategi Pemasaran Perubahan Perilaku dan Pemasaran Kerangka Kerja Sanitasi	Big Meeting Room USAID-IUWASH	10/10/2013	10/10/2013	25	52.00%	3,625,000	-	1,002,500	-	1,002,500
	North Sumatra	PELATIHAN PENGELOLAAN KOPERASI UNTUK UKM PENGELOLA LUMPUR TINJA	Kelurahan Belawan 1, Kota Medan	10/29/2013	10/29/2013	64	40.63%	2,800,000	350,000	1,270,000	-	1,620,000
	North Sumatra	Community Introduction for Climate Change Adaptation Plan With Construct Infiltration Fonds II - Monitoring Sumur Resapan	Naga Huta - Pematangsiantar	11/21/2013	11/21/2013	45	51.11%	3,400,000	500,000	1,485,000	1,400,000	3,385,000
Workshop (cont')	West Java/Banten /DKI Jakarta	Visioning Workshop Air Minum dan Sanitasi Kabupaten Bekasi	Hotel Harison	10/24/2013	10/24/2013	61	27.87%	30,600,000	7,204,700	15,295,500	1,900,000	24,400,200

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	West Java/Banten /DKI Jakarta	Socialization and training in 17 STBM replication sites (integration with SANIMAS) Pelatihan Promosi Perubahan Perilaku Higinitas Bagi Kader STBM/ SANIMAS "Promosi Fasilitas Sanitasi yang Lebih Baik, CTPS dan PAM RT" IUWASH-Dinas Kesehatan	Kota Bogor aula kantor camat bogor tengah	11/20/2013	11/21/2013	27	59.26%	11,770,000	10,120,000	900,000	-	11,020,000
	Central Java	MENANGKAP PELUANG USAHA SANITASI DALAM RANGKA PENINGKATAN AKSES SANITASI INDIVIDU MELALUI MIKRO KREDIT BERSAMA DINAS KESEHATAN KABUPATEN REMBANG	Rumah Makan " Rumah Nenek"	10/24/2013	10/24/2013	25	12.00%	3,800,000	300,000	1,250,000	1,150,000	2,700,000
	Central Java	MENANGKAP PELUANG USAHA SANITASI DALAM RANGKA PENINGKATAN AKSES SANITASI INDIVIDU MELALUI MIKRO KREDIT BERSAMA DINAS KESEHATAN KABUPATEN KUDUS	RM " Poroliman " Kabupaten Kudus	10/31/2013	10/31/2013	27	33.33%	4,875,000	450,000	1,650,000	1,200,000	3,300,000
	Central Java	MENANGKAP PELUANG USAHA SANITASI DALAM RANGKA PENINGKATAN AKSES SANITASI INDIVIDU MELALUI MIKRO KREDIT BERSAMA DINAS KESEHATAN KABUPATEN SUKOHARJO	RM Embun Pagi Sukoharjo	11/2/2013	11/2/2013	34	14.71%	4,875,000	550,000	1,022,000	1,550,000	3,122,000

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	Central Java	Kick off Meeting Program Hibah Septik Tank Komunal RW-11 Kampung Jomblang, Kota Semarang	Ruang Rapat (Lantai 8) - Kantor Bappeda, Kota Semarang	11/14/2013	11/14/2013	22	40.91%	2,350,000	450,000	1,350,000	150,000	1,950,000
	Central Java	Pre Application Meeting Program Pengembangan Kerjasama Forum Pelanggan dengan PDAM Di 6 Kota/ Kabupaten	IUWASH Office	11/18/2013	11/18/2013	25	24.00%	1,125,000	-	577,500	-	577,500
	Central Java	WORKSHOP FORUM BKM MENDORONG KEBUTUHAN SANITASI KELUARGA MENJADI PRIORITAS DALAM RENCANA KERJA MASYARAKAT PROGRAM PNPM MANDIRI PERKOTAAN KABUPATEN SUKOHARJO	Kantor Dinas PU Kab Sukoharjo	11/30/2013	11/30/2013	99	20.20%	8,425,000	463,000	2,025,000	4,000,000	6,488,000
Workshop (cont')	Central Java	Workshop 45 SOP Final PDAM Kabupaten Semarang	PDAM Kabupaten Semarang	9/3/2013	9/3/2013	21	14.29%	0	0	0	0	No budget Needed
	Central Java	Workshop 45 SOP Final PDAM Kabupaten Kendal	Kota Magelang	9/6/2013	9/6/2013	18	27.78%	0	0	0	0	No budget Needed
	Central Java	Workshop 45 SOP Final PDAM Kota Salatiga	PDAM Kota Salatiga	9/7/2013	9/7/2013	19	42.11%	0	0	0	0	No budget Needed
	Central Java	Workshop 45 SOP Final PDAM Kabupaten Batang	PDAM Kab Batang	9/12/2013	9/12/2013	25	16.00%	0	0	0	0	No budget Needed
	East Java	Lokakarya Perencanaan Musrenbang untuk Mendukung Kepanjen Peduli Sanitasi Menuju Adipura Kencana. Kecamatan Kepanjen, Kabupaten Malang	Taman Buah Nusantara, Kecamatan Kepanjen, Kabupaten Malang	10/8/2013	10/8/2013	76	35.53%	5,345,000	800,000	-	2,800,000	3,600,000
	East Java	Workshop Business Plan PDAM Kabupaten Jombang	Hotel Yusro Jombang	11/20/2013	11/20/2013	40	20.00%	12,625,000	2,691,122	6,000,000	2,700,000	11,391,122
	East Java	Workshop Urgensi Pengelolaan Air Limbah Cair Domestic Bagi Penentu Kebijakan Kota Batu, Provinsi Jawa Timur	Klub Bunga Hotel Batu	11/28/2013	11/28/2013	20	35.00%	8,240,000	529,300	4,900,000	1,050,000	6,479,300

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	East Java	Workshop Finalisasi Draft Peraturan Bupati tentang Pembentukan UPTD Kabupaten Sidoarjo	Hotel Grand Trawas	9/2/2013	9/3/2013	18	22.22%	15,640,000	1,020,244	11,900,000	1,200,000	14,120,244
	East Java	Workshop Pemaparan Hasil Monitoring Pasca Konstruksi Program USRI & DAK –SLBM di Kab. Malang	Hotel Santika	9/4/2013	9/4/2013	36	33.33%	19,580,000	561,500	13,750,000	2,550,000	16,861,500
	East Java	Workshop SOP PDAM Kota Probolinggo	Grand Trawas Hotel, Mojokerto	9/10/2013	9/11/2013	16	12.50%	19,960,000	2,706,673	9,450,000	4,500,000	16,656,673
	East Java	Workshop Finalisasi Draft Peraturan Bupati tentang Pembentukan UPTD Kabupaten Gresik	Ruang Pertemuan Rumah Makan Warung Legen Kabupaten Gresik	9/13/2013	9/13/2013	16	12.50%	6,190,000	1,923,672	3,229,500	650,000	5,803,172
	East Java	Workshop Pemaparan Hasil Analisa Sensus Septic Tank Mendukung Program LLTT Kota Probolinggo	Ruang Pertemuan RM ORIN, Probolinggo	9/19/2013	9/19/2013	20	35.00%	4,529,750	1,581,990	3,381,750	850,000	5,813,740
Workshop (cont')	South Sulawesi/Eastern Indonesia	WORKSHOP PENGUATAN TEKNIK FASILITATOR TAMBAHAN PROGRAM USRI KOTA MAKASSAR	Hotel SwissBell Kota Makassar	10/31/2013	10/31/2013	15	40.00%	6,500,000	1,070,000	3,400,000	650,000	5,120,000
	South Sulawesi/Eastern Indonesia	Workshop Penguatan KSM untuk Penyelesaian Konstruksi Sarana IPAL Komunal di 16 lokasi Program USRI kota Makassar	Hotel SwissBell Kota Makassar	11/2/2013	11/2/2013	45	33.33%	15,150,000	790,000	10,200,000	1,750,000	12,740,000
	South Sulawesi/Eastern Indonesia	Workshop / FGD Pengembangan SOP Kelembagaan UPTD PAL Kota Makassar	Hotel Singgasana Kota Makassar	11/22/2013	11/23/2013	10	50.00%	9,500,000	75,000	7,000,000	850,000	7,925,000
	South Sulawesi/Eastern Indonesia	Workshop Hasil Analisa Survey Kuesioner Uji Coba Model SLLT untuk UPTD PAL Kota Makassar	Hotel Singgasana Kota Makassar	11/25/2013	11/26/2013	18	38.89%	11,640,000	75,000	8,750,000	1,350,000	10,175,000

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	South Sulawesi/Eastern Indonesia	Workshop Urban Sludge Management dan Persiapan Pembentukan UPTD Pengelolaan Air Limbah, Drainase dan Persampahan	Ruang Rapat Bupati Pinrang	11/26/2013	11/26/2013	21	23.81%	2,100,000	200,000	2,000,000	-	2,200,000
	South Sulawesi/Eastern Indonesia	Capacity Building and promotion the Sanitation program to Pokja AMPL Kab. Enrekang	Kantor Bappeda Kab. Enrekang	1/18/2013	1/18/2013	13	23.08%	875,000	0	0	0	No budget Needed
	South Sulawesi/Eastern Indonesia	Evaluasi Pelaksanaan Pemicuan Perkotaan	Kota Makassar	9/9/2013	9/9/2013	61	67.21%	18,375,000	1,975,000	10,500,000	2,850,000	15,325,000
Study Tour	South Sulawesi/Eastern Indonesia	Comparative Studi UPTD PAL Kota Makassar to to increase of the Waste Water Management at DSDP, Lagon STP BTDC Nusa Dua and IPAL Communal from Bali Focus in Kota Denpasar Bali	Denpasar Sewerage Treatment System Kota Denpasar, Lagoon STP BTDC Nusa Dua and IPAL Communal of Bali Focus	11/6/2013	11/9/2013	17	41.18%	61,850,000	4,747,500	30,494,075	14,771,000	50,012,575
Advocacy Event	North Sumatra	EXPOSE HASIL KAJIAN TERHADAP OTIMALISASI STRUKTUR, KEBUTUHAN DAN OPTIMALISASI KARYAWAN PDAM TIRTASARI BINJAI' DAN PAPARAN JUSTIFIKASI SMALL SEWERAGE SISTEM DI KECAMATAN BINJAI KOTA	Binjai	7/16/2013	7/16/2013	20	0.00%	3,900,000	0	0	0	No budget Needed
Advocacy Event (Cont')	South Sulawesi/Eastern Indonesia	Kegiatan Pemicuan di Lokasi SLBM dan Sanimas di Kota dan Kabupaten Jayapura	Dok IX - Kelurahan Imbi, Kampung Yahim - Kelurahan Dobonsolo, Kelurahan Entrop, Kelurahan Hamadi	9/20/2013	9/27/2013	30	36.67%	5,500,000	2,072,400	1,000,000	0	3,072,400

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