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# QUARTERLY REPORT NO. 8

JANUARY – MARCH 2007



**APRIL 2007**

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**Photo credit:**

Ristina Aprillia, ESP East Java

Hello, water : children at Gang Langgar Dukur, Surabaya practice hand-washing with soap – now with clean water provided by PDAM Surabaya.

For more about this, please read the Cover Story on page I.

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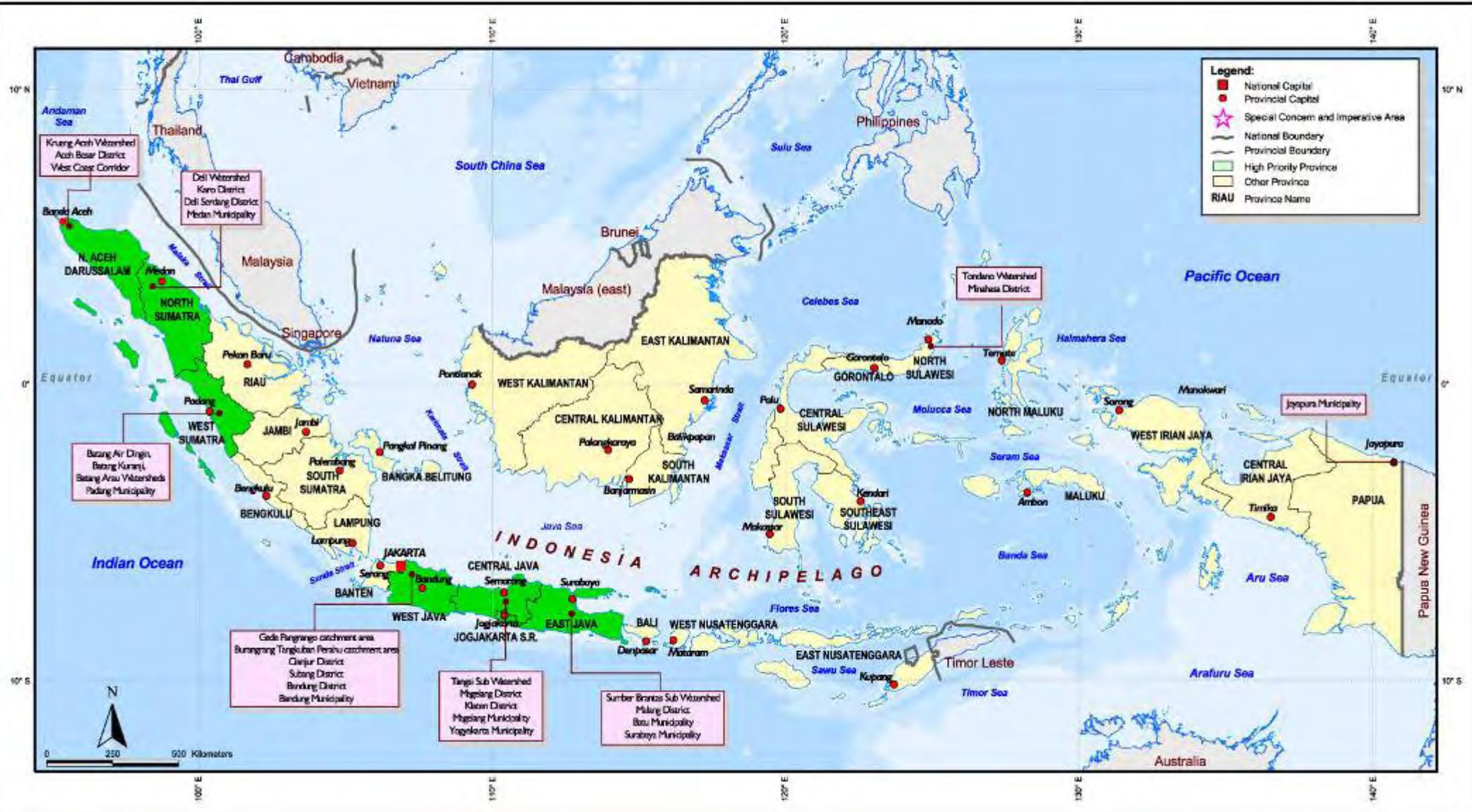


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# ESP Program Site Location Map





# COVER STORY

## FUNDING THE FLOW: MICRO CREDIT PROGRAM HELPS SURABAYA RESIDENTS CONNECT TO PIPED WATER

Ibu Aminatus, age 60, smiled broadly that afternoon. A resident of Gang Langgar Dukur, Kertajaya, Juwangan, Surabaya, East Java, Ibu Aminatus talked enthusiastically about a new addition to her home: a direct connection to PDAM (Perusahaan Daerah Air Minum, or municipal water company) Surabaya's water supply network. "I'm so happy....even my grandson teases me by saying, 'Wow, Grandma, now you can take a shower using PDAM water and make your skin white!'"



Since 1975 residents of Gang Langgar Dukur have purchased clean water from vendors, as well as obtaining water from artesian wells using an electric pump. Thanks to a micro credit program launched by PDAM Surabaya, in conjunction with a local branch of Bank Rakyat Indonesia (BRI), however, a direct connection to piped-water is now affordable to residents of the densely populated Juwangan area.

"The procedure was simple," explained Ibu Basukilbu, a neighbor of Ibu Aminatus, who was also present that afternoon. "Someone from BRI came and interviewed me, asking me what kind of valuable things I had. And since I only have a TV set, that was the only thing he put on the list. What's even better is that he didn't take it away from me. I just signed the credit agreement on 28 December, and two weeks later, piped water was available at my home."

On 15 January 2007, PDAM Surabaya completed the installation of piped water supply services to five households in Gang Langgar Dukur, including those of Ibu Aminatus and Ibu Basuki. Since new customers are required to cover the installation costs of both the tertiary piping leading to their home and the household connection itself, the five residents must each pay a base charge of Rupiah 2.7 million. Such a fee is difficult for low-income households to pay in one lump sum. Using a micro credit scheme allows aspiring customers to spread this cost out into more affordable, monthly installments. "I chose a one-year program" said Ibu Aminatus, "which allows me to pay an installment of a little less than Rp. 300,000 per month."

Prior to the installation, these residents had already been on PDAM Surabaya's customer waiting list since October of 2005. Once the credit agreement was signed, their connection was prioritized by the utility. The micro credit program for new household installations is expected to become a solution for communities who are unable to enjoy piped water facilities from the PDAM due to prohibitive, upfront connection charges. In addition to BRI, Bank Jatim also supports the financing scheme for the micro credit program. PDAM Surabaya anticipates that as many as 5,000 households may utilize the micro credit program to connect to the water supply network.

“For the micro credit program, USAID/ESP served as a facilitator of the agreement process between the PDAM and BRI,” said Gusril Bahar, an Environmental Finance Specialist based in ESP's Jakarta Office. Over a period of approximately 6 months, Mr. Bahar introduced the concept to the respective parties, shared the benefits of micro credit as an alternative financing strategy, and explained the structure of the credit scheme. It is hoped that the micro credit program will help solve two complicated problems currently facing the provision of piped water in Surabaya: the PDAM's lack of funds for new installation development and communities' inability to subscribe to the PDAM's service due to the initial connection costs. As for local banking institutions—especially those that target lower income groups—the program provides a promising opportunity to capture a larger market and expand their customer base.

SECTION I

# INTRODUCTION AND SUMMARY

## INTRODUCTION

*USAID's Environmental Services Program (ESP) promotes better health through improved water resources management and expanded access to clean water and sanitation services.*

This Quarterly Progress Report for ESP is submitted to the United States Agency for International Development (USAID) by Development Alternatives, Inc. (DAI) in accordance with Article II, Section G, Reports (as modified) of Contract No. 497-M-00-05-00005-00, originally executed January 11, 2005. This document represents Quarterly Progress Report No. 8 of the Environmental Services Program, for the period January 1 through March 31, 2007. This report provides information on the execution of program activities in the regions covered by ESP. Copies of this report are also provided to Government of Indonesia steering committee members, other relevant programs of USAID, as well as subcontractors and partners of the ESP Program per the distribution list attached to the transmittal letter.

Section I of this report provides the reader with an executive-style summary of the program and its achievements from January 1 through March 31, 2007, and contains the following subsections:

- Section 1.1     ESP Overview
- Section 1.2     Summary of Quarterly Achievements

Section 2 describes integrated program activities in each region in greater detail. The final two sections provide an update on national initiatives and program management (Section 3), and program monitoring and evaluation (Section 4).

## SECTION I.I.

# ESP OVERVIEW

## THE ENVIRONMENTAL SERVICES PROGRAM

ESP works with national and local government, private sector, NGOs, community groups and other stakeholders to improve the management of water resources and broaden the distribution of safe water to urban dwellers by strengthening watershed management and delivery of key environmental services, including clean water supply, wastewater collection and treatment and solid waste management in Indonesia. The period of the project is from December 2004 through September 2009 including an initial transition from previous programs.

ESP is a five-year project which was developed by USAID/Indonesia to improve sustainable management of water resources and improve access to clean water. ESP activities are focused on the High Priority Integrated Provinces of Nanggroe Aceh Darussalam, North Sumatra, East Java, Central Java/Yogyakarta, West Java/Banten and DKI Jakarta. ESP also supports a limited set of activities in the Special Concern Imperative Areas of Padang, Balikpapan, Manado, Manokwari and Jayapura. ESP supports activities in the following three key areas:

- Improving health by increasing access to clean water and sanitation services;
- Improved watershed management and protection of water resources, particularly in areas of high-value biodiversity;
- Increasing the production and distribution of clean water.

The ESP program provides technical assistance and related services to impact USAID's **Strategic Objective No. 2, Higher Quality Basic Human Services Utilized (BHS)**. BHS focuses on the interdependence of health and the environment and their impact on health outcomes. To achieve this, USAID will increase access and utilization of key health and environmental services, particularly to users currently underserved or not served at all.

## OBJECTIVES OF THE ESP PROGRAM

In accordance with Section C of the Contract, ESP works with the Government of Indonesia, the private sector, NGOs, community groups and other stakeholders to strengthen watershed management and key environmental services through four interrelated project objectives:

1. Strengthen the capacity of communities, governments, the private sector, local institutions, and NGOs to advocate for expanded delivery of key environmental services through improved water resources and protected areas management;
2. Expand opportunities for communities, NGOs, private sector and universities to participate more effectively in local management of water resources and delivery of key environmental services;
3. Strengthen biodiversity conservation through improving understanding and appreciation for the linkage between protected and forested areas and the delivery of key environmental services; and
4. Improve health and livelihoods of Indonesians through improved and expanded access to key environmental services (namely water supply, wastewater collection

and treatment, and solid waste management) through the use of appropriate technologies, innovative financing, environmentally sustainable best practices, and sustainable market oriented activities.

ESP takes a community-based approach, acting as a catalyst for improving health and hygiene behavior change, stimulating better land stewardship, and improving the provision of basic water and sanitation services.

Central to the above-described program is a coordinated, collaborative and integrated approach involving all of the programs of the Basic Human Services Offices of USAID. In order to more effectively impact the success rate of BHS programs, strong efforts are being made to assure as much synergy within the program as possible. ESP is committed to working closely with and in parallel to other relevant BHS programs such as, but not limited to:

- The Health Services (HSP) Program (Maternal, Neo-natal and Child Health)
- The Food Security and Nutrition Programs (food assistance)
- The Safe Water Systems (SWS) Project (aka Aman Tirta)

ESP program also collaborates very closely with other relevant programs of related USAID Strategic Objectives, such as the Local Governance Support Program (LGSP), the Decentralized Basic Education Programs (DBE 1, 2 & 3), and the Aceh Technical Assistance Recovery Program (A-TARP). Additionally, ESP collaborates closely with the USAID regional program, ECO-Asia, based out of the USAID Regional Mission in Bangkok, Thailand, and serving Indonesia among a number of other Asian countries.



## SECTION 1.2.

# SUMMARY OF QUARTERLY ACHIEVEMENTS

## INTRODUCTION

Section 1.2 provides a brief summary of quarterly activities and achievements in each of ESP's High Priority Provinces during this reporting period. Notable activities for National Initiatives and Program Management are also presented.

## REGIONAL HIGHLIGHTS

**Nanggroe Aceh Darussalam.** ESP's steadfast presence in Nanggroe Aceh Darussalam since the devastating tsunami of December 2004 has yielded both a solid base of activities in the field as well as the formation of relationships that enables it to increase and deepen its impact.

In the *Water and Sanitation Sector*, the second quarter of Program Year 3 saw the completion of three major on-going water supply projects in Aceh Besar. The communities of Blang Lambaro, Sukadamai and Jruék Balee installed water supply systems with the technical assistance of ESP. ESP Aceh also capped off its Sustainable Sanitation Program during the quarter by helping to organize and implement a major conference on sustainable sanitation sponsored by BRR and UNICEF.

The *Field School Program* completed Field Schools in six villages during the reporting period, setting the stage for continued activities in each of the respective villages. ESP also began establishing forums at the sub-watershed level, with two created during the quarter. Additionally, over 1300 ha. of forest, degraded land, and coastal area were replanted over the preceding three months.

Finally, continuing working relationships with USAID partners were strengthened during the quarter. ESP teamed with HSP and DBE 2 to conduct an environmental awareness and hygiene program for 152 fourth and fifth graders in the village of Sibreh. ESP agreed to work with HSP again in the rehabilitation of health facilities in Aceh Jaya and Aceh Barat. ESP also produced a regional map of proposed work areas for DBE1.

**North Sumatra.** The first quarter of calendar year 2007 was characterized by a wide range of collaborative initiatives: upstream-downstream, public-private, Government-NGO-community, community to community organization, farmer-to-farmer, across integrated sites, and between components.

*The Forum Konservasi Tahura.* In February, leaders from 7 NGO's gathered in the shade of the tree nursery at the ESP Medan office to lend their signatures to an MOU creating the multi-stakeholder 'TAHURA Conservation Forum' dedicated to building local community capacities for collaborative protected areas management of the upper Deli and Wampu watersheds.

*Program Collaboration.* SWS, ESP, and Save the Children conducted a joint training for cadre from 31 neighborhoods and 17 *Posyandu* in Medan on Handwashing with soap, solid waste management, breast feeding, and health and hygiene.

*Field Schools Continue Forward.* Upstream-downstream collaboration continued as farmer experts from the WBP in Beringin completed 3 months of facilitation for 4 Watershed Management Field Schools in villages in Sibolangit and Namorambe sub-districts. Also, 5 Sustainable Livelihoods Field Schools held their community Field Days in March to present their results and their action plans to community and local government stakeholders.

*Medan Integrated Site.* On the 1st of February 2007, USAID-ESP -JKM –BAPPEDALDA officially opened a waste water system serving over 20 households to complement the clean water system already installed. Also in Medan, *Multi Media Campaign #7 on community based sanitation engaged Medan Bisnis, SMART FM, and Prapanca FM* for an interactive dialogue on sanitation issues in Medan City. Subsequently, after a public hearing, members of the DPRD visited ESP community based sanitation sites for direct discussions with beneficiaries with a goal of finding means to support similar initiatives from state budgetary sources.

*The MAP Small Grant Program* planted another 9,000 mangrove seedlings on 107 hectares within the Co-Management Zone of the Langkat Wildlife Sanctuary to conclude their small grant.

Finally, *Corporate Planning* continued as the ESP Environmental Finance Team provided financial analysis assistance to *PDAM Karo and PDAM Langkat*. This assistance was in addition to a capacity building training in transmission systems and distribution networks improvement and a program to reduce non-revenue water.

**DKI Jakarta.** Following the approach of the previous quarter, ESP's DKI Jakarta program emphasized the strengthening and deepening of its ongoing collaboration with USAID partner organizations and programs, while, at the same time, looking for additional opportunities to collaborate with different partners. One example of a new collaboration initiated during this quarter was with USAID's Opportunities for Vulnerable Children (OVC), a program implemented by Helen Keller International (HKI). ESP and HKI will work together to address school-based health and hygiene.

For the *HP3/IDRC Program*, research accompanied by a community pilot program was conducted in RW 13 Kelurahan Penjaringan, focusing on solid waste management. During this quarter, community working groups were established and a series of trainings on composting and recycling were also carried out, followed by a cross visit to two 'ESP communities' in Jambangan and Wonokromo.

*The CWPP/GETF Program* completed the construction of two hand washing with soap stations for two primary schools in Desa Sukadanau, Bekasi that benefit a total of 1,294 students and 31 teachers. Trainings and campaigns on health and hygiene were also conducted for two different target groups: school children and community members, exposing the issues of health and hygiene to more than 500 people.

*The "Clean River, Healthy Life" Campaign* was conducted in Kelurahan Petojo Utara. Importantly, the campaign included tangible, grass-roots action as the community cleaned various parts of the River Krukut for two weeks. A total of 150 people from four RWs participated in the campaign.

*Multi-Media Campaigns.* To support the implementation of the MMC 5 and MMC 6 campaigns, two media discussions were held during this quarter. The two main themes of the discussion were, “Combating Diarrhea through Improved Access on Water and Sanitation,” (in cooperation with UNDP), and “Coping with Water Scarcity” (in cooperation with AMPL/WASPOLA and FORKAMI for the commemoration of the World Water Day 2007).

**West Java.** During the period of January to March 2007, ESP West Java strived to increase programmatic integration at each ESP site and achieve tangible results at the grassroots level.

*In the up-stream areas,* important progress was made to rehabilitate and protect the integrity of the watersheds. Overall, a total of 368,534 trees were planted across 1,171.32 hectares of land. Nine Memorandums of Understanding (MOUs) were executed towards improved land management. The regional breakdown is as follows: 4 MOUs for planting activities in Cirumput, 2 MOUs in Cibodas-Pacet, and 3 MOUs with Sukaresmi RHLP. Also, district-level Policy continued to develop through the execution of Local Regulation Number 3 of 2006 in Cianjur, which obligates every Civil Servant in the District to plant at least ten trees a year. Cianjur has approximately 17,000 civil servants. Finally, the total amount of funds leveraged through the RHLP Program was Rp 5,050,324,000. This amount represents approximately 7 times the amount disbursed.

*Alternative Financing in Bogor.* Similarly, ESP continued to have considerable impact in the downstream/urban areas of the Province. In Kabupaten Bogor, for example, ESP assisted the PDAM in undertaking a raw water survey as well as achieving a corporate credit rating from domestic rating firm Pefindo Ratings Indonesia. An important step towards the issuance of a corporate bond, Bogor will be the first publicly operated water utility in Indonesia to obtain a credit rating.

*Solid Waste in Bandung.* In the City of Bandung, communities are undergoing genuine behavior change concerning the disposal of solid waste. In the Kelurahan of Tamansari, for example, residents have abandoned the habit of throwing waste in the river and are beginning to sort their garbage into organic and inorganic waste. Some inorganic waste is even being recycled into handicrafts.

Finally, the primary *Public Outreach and Communications* (POC) activity for this quarter was a multimedia campaign entitled, “Defecation is No Longer a Private Matter: It’s Time for Community-Based Sanitation.” The campaign was conducted in collaboration with the ESP’s Health and Hygiene and Service Delivery teams. The POC team also engaged mass media in other program activities, including a Planting Drive in Cianjur, the Handwashing with Soap Campaign in Bandung, the Communication Program Capacity Building for PDAMs in Bandung and Cianjur, and the Microcredit Program for new connections in Subang.

**Central Java/Yogyakarta.** In Central Java this quarter, the small steps being made in the ESP communities are now becoming part of a larger collective movement. The *Tangsi Subwatershed Management Action Plan* prepared by the Tangsi watershed management forum was recognized by the Bupati of Magelang and the 15 villages participating in the Field Schools in the Tangsi subwatershed have moved from Initial Action into Follow Up Action and Program Development. This quarter, 620 hectares of degraded land were planted with tree seedlings.

*Entering a New Subwatershed.* ESP selected 8 villages in the Blongkeng subwatershed and started up Field School activities there with a Training of Trainers (TOT) for the newly

recruited village facilitators. Six of these villages lie along the western part of Merapi National Park, and two villages are in peri-urban locations.

*Pride Conservation Campaign.* The Pride Conservation Campaign Annual Work Plan was finalized and community-based activities are underway, including a drawing competition in elementary schools, community forest patrols, and conservation song writing.

*Water for the Poor.* PDAM Surakarta and Bank BRI signed a microcredit agreement to help an estimated 1,000 poor households establish household connections to the water utility this year.

A *Multi Media Campaign* on the theme of Waste Water Treatment was also conducted this quarter. Journalists participated on an upstream-downstream press tour, which culminated in a 7-day photo exhibition that was one of the highlights of World Water Day. The campaign reached target audiences in Yogyakarta and also received national attention.

**East Java.** A wide range of activities continues to be carried out at the seven integrated sites in East Java, including seedling propagation at community nurseries, tree planting, composting, construction of communal septic tanks, disseminating information about the importance of handwashing with soap, and the establishment of microcredit program to increase the poor's access to piped water.

*Tree Planting.* In the upper watershed this quarter, 968 hectares of degraded lands were replanted with multi-tree species. The Bumiaji Land Rehabilitation Movement (GIRAB) has sponsored 18 community tree planting events to rehabilitate state-owned Perhutani's degraded forest lands. ESP is also supporting a number of community groups, NGOs, and Perhutani to implement an agro-forestry model to improve the economic, social, and hydrological functions of forest lands in the upper watershed.

*Water for the Poor.* Four PDAMs in East Java (Kota Surabaya, Kabupaten Sidoarjo, Kota Malang, and Kabupaten Malang) have now signed agreements with two domestic banks to offer microcredit to new low income PDAM customers so that they can establish household connections to the water utility companies. ESP's Communications Team is helping to publicize the program to potential customers. Importantly, the hard work devoted to establishing the microcredit programs is now beginning to pay off, with 148 households (approximately 740 people) connecting to clean water this quarter.

*Health and Hygiene Puppet Show.* ESP's health and hygiene campaign messages are expanding into community puppet shows in Wonokromo and Malang. Youth groups in Wonokromo which developed the puppet show are sharing their puppetry techniques and health and hygiene messages with a youth group in Malang.

Community based wastewater treatment system: As part of a cost sharing arrangement with ESP to construct a sanitation facility, Kabupaten Malang has allocated 200 million Rupiah in its 2006 budget for sanitation and water supply improvements that will serve 102 households in Curung Rejo.

## **NATIONAL & PROGRAM MANAGEMENT UPDATES**

A number of themes and activities span the breadth of the ESP program. Such activities during this Quarter included the following:

### **Watershed Management and Biodiversity Conservation**

*Pride Conservation Campaigns Gain Momentum.* All Pride Campaign local partners finalized their Project Plans across the High Priority Provinces during the reporting period. The combined objectives of the campaigns include improved management of 34,720 hectares of forest with high biodiversity conservation value and the rehabilitation of 1,150 hectares of forest land. In addition, the Pride Campaigns will reach out to total of 95,400 people in the target sites. While finishing their campaign plans during the reporting period, the partners also started campaign activities.

*Community Nurseries and Land Rehabilitation.* ESP continued to conduct community nursery activities in order to support land rehabilitation initiatives across the HPPs during this quarter. The seedlings needed for the land rehabilitation program not only come from these community nurseries but are also contributed by other institutions, such as ESP partners, local government, the private sector, and even the funding of the communities groups themselves. In total 4,426.5 hectares of land were rehabilitated this quarter across the provinces, which represents 70% of the Program Year 3 target.

*Field Schools Continue to Roll.* With the 36 Field Assistants returned to their provincial community locations, they have now assimilated into the Community Field School activities and are operating at full throttle. This method has dramatically increased both the level of and effectiveness of ESP activities in the affected communities, resulting in increased community awareness of the need and methods for protecting water resources and reforestation.

*Improving the Policy Environment.* Technical meetings were conducted with the Ministry of Forestry RLPS during this period regarding the socialization process for the new implementing rules and regulations for Integrated Watershed Management, culminating in a workshop on March 8, 2007. This decree incorporates significant elements of ESP's participatory planning and management processes.

### **Environmental Services Delivery**

*Increase Water for the Poor.* In late February the World Bank (Washington office) submitted a proposal to GPOBA, prepared together with ESP and PDAM Surabaya, which was approved mid March. The purpose of the proposal is to utilize an OBA subsidy of US\$3 million (over a period for 3 years) to connect 15,500 poor households in Surabaya to piped water from PDAM Surabaya.

*PDAM Energy Efficiency Audits.* In Kota Surabaya, ESP is working with local consulting firm MLD and the Dutch Bank SNS, to advance a scheme to finance energy efficiency equipment for the PDAM. The objective of the initiative is to establish a sustainable financing mechanism that allows PDAMs to install much needed equipment and then pay for it out of the energy savings achieved over a period of one to two years. To spur the development of the program, Dutch Bank SNS has agreed in principle to provide a partial credit guarantee to a domestic bank that is willing to provide the financing. In March, representatives from SNS in Holland visited Surabaya and met with the PDAM and three potential banks.

*PDAM Standard Operating Procedures (SOP) programs.* ESP's Service Delivery team (in collaboration with the Environmental Finance team), started a program at PDAM request to help develop proper PDAM Standard Operating Procedures (SOPs). Initial SOP development is currently ongoing with PDAM Subang, Kab. Bogor, Cianjur & Kota Bandung

*ESP Sanitation Program.* Development of city-wide sanitation strategies is ongoing with four participating PEMDA (Padang, Medan, Surabaya, Malang), including citywide sanitation

mapping as well as the installation of the first batch of Community Based Sanitation facilities (in Deli Serdang, Medan and Kab. Malang) which will cover over 300 households. A new development in this initiative this quarter is that the Asian Development Bank (under The Department of Public Works) is also planning a similar program ESP program locations (including Medan, Yogyakarta, and Bandung). Numerous discussions over the past two months resulted in a collaboration (ADB-ESP) for the overlapping cities: Medan, Yogyakarta, and Kota Bandung. The ESP Regional team will provide the local contacts & facilitation and the ESP National team will support with national coordination (with ISSDP & Bappenas), as well as providing specific expertise in development of participatory strategies action plans.

### **Environmental Services Finance**

*Full Cost Recovery.* ESP assistance to PDAMs to restructure outstanding loans and arrears gained momentum over the reporting period. As of the close of the quarter, ESP had received five formal requests for assistance (PDAM Kota Bogor, PDAM Kota Bandung, PDAM Kota Sukabumi, PDAM Kabupaten Purwakarta, and PDAM Kota Medan). Data collection and analysis is already underway.

*Improving the Enabling Environment for Domestic Borrowing.* The second quarter of Program Year 3 saw the achievement of a major regulatory milestone regarding domestic borrowing. In March, ESP and the regional USAID program ECO-Asia submitted the Standard Operating Procedures (SOP's) for the regulation on municipal bonds. The Ministerial Regulation on Municipal Bond (numbered 147/ PMK.07/2006) entitled "Tatacara Penerbitan Pertanggungjawaban, dan Publikasi Informasi Obligasi Daerah" was issued in January 2007. The SOP's provide step-by-step instructions to municipalities considering a bond issuance.

*Micro-Credit.* From January through March 2007, two additional PDAMs signed Master Agreements: Kabupaten Malang and Kota Solo. Internal training to socialize the microcredit procedures within the PDAMs and domestic banks was also completed for all PDAMs during the reporting period. Overall, 148 households in East Java now enjoy improved access to clean water as a result of this important initiative. In order to ensure that the number of new connections continue to grow, ESP is also working with each PDAM to develop a promotional strategy to reach the targeted communities.

*Payment for Environmental Services.* ESP grantee RMI completed the Payment for Environmental Services Study (which included a series of stakeholder workshops) and submitted their final report during the reporting period. The report consists of a desk study of past experiences in the implementation of PES in Indonesia (e.g. Kawasan Gunung Ciremai in West Java, DAS Way Besay in Lampung, and Lombok Barat in Lombok), as well as an assessment of potential PES schemes in the Deli Watershed in North Sumatra and the Progo Watershed in Central Java. Based on the results of the study as well as input from ESP's Regional Offices, ESP identified sites to implement pilot PES initiatives in the High Priority Provinces.

### **Strategic Communications for Behavior Change**

*Hand Washing With Soap National Event.* The quarter saw the launching of preparations for a major hygiene promotion campaign. In order to build positive public awareness of and commitment to proper Hand Washing with Soap in Indonesia, ESP is working with the Coordinating Ministry of Peoples' Welfare (Menk Kesra), other GOI agencies, donors, donor projects and the private sector to facilitate a one-day national event to set the Indonesian record for the Most People Washing Their Hands with Soap. The preparations during the quarter included mobilizing an event team and soliciting the support of other donors and the private sector. The event will be held nationally, in Jakarta, as well as at a number of provincial and district capitals across the country. The event will take place next

quarter on Sunday, May 6, 2007, to commemorate National Education Day. ESP hopes to mobilize at least 7,500 students and parents to participate in this event, to wash their hands with soap, and to be part of a national record.

*World Water Day Commemorations.* In March, ESP and its partners implemented events to commemorate World Water Day throughout the High Priority Provinces. The theme of World Water Day this year was, “Coping with Water Scarcity.” Events included a wide range of activities, including photo exhibitions, students based events, media discussions, group discussions, and community events. The involvement of key decision makers during the events also added credibility to the important message.



## SECTION 2

# ESP REGIONAL UPDATES

## INTRODUCTION

In this Section, we present a more detailed account of the Program's activities and achievements during this quarter. This Section is divided into the following Subsections:

- Section 2.1. Nanggroe Aceh Darussalam**
- Section 2.2. North Sumatra**
- Section 2.3. DKI Jakarta**
- Section 2.4. West Java & Banten**
- Section 2.5. Central Java & Yogyakarta**
- Section 2.6. East Java**
- Section 2.7. Special Concern Imperative Areas**



## SECTION 2.1.

# NANGGROE ACEH DARUSSALAM

## EXECUTIVE SUMMARY

ESP's steadfast presence in Nanggroe Aceh Darussalam since the devastating tsunami of December 2004 as yielded both a solid base of activities in the field as well as the formation of relationships that enables it to increase and deepen its impact. Highlights of progress during the second quarter of Program Year 3 include:

- Three major on-going water supply projects were completed in Aceh Besar;
- ESP also capped off its Sustainable Sanitation Program during the quarter by helping to organize and implement a major conference on sustainable sanitation sponsored by BRR and UNICEF;
- The Field School program completed Field Schools in six villages, setting the stage for continued activities in these villages;
- ESP began establishing forums on a sub-watershed level. Two were created during the quarter;
- Over 1300 ha. of forest, degraded land, and coastal area were replanted.

## INTRODUCTION

ESP's steadfast presence in Nanggroe Aceh Darussalam since the devastating tsunami of December 2004 as yielded both a solid base of activities in the field as well as the formation of relationships that enables it to increase and deepen its impact. During the quarter several major on-going water supply projects were completed in Aceh Besar. ESP also capped off its Sustainable Sanitation Program during the quarter by helping to organize and implement a major conference on sustainable sanitation sponsored by BRR and UNICEF. Thanks to these efforts, the critical role of sustainable sanitation has increasingly been recognized by government and NGOs. Other organizations, notably UNICEF and GTZ, are now investing heavily in training for NGOs related to sustainable sanitation. ESP will turn from NGOs to focus on education for communities highlighting the operation and maintenance of the water tight systems being built by NGOs as part of the sustainable sanitation concept.

While many continuing relationships were strengthened, ESP also began new relationships in all integrated sites. The leading edge of these relationships was the Field School program which completed Field Schools in six villages, setting the stage for continued activities in these villages. Also, new political players came on the scene during the quarter, and ESP initiated important relationships with the new heads of Aceh Besar and Aceh Jaya and their staff. Aceh Besar has the highest concentration of ESP activities in Aceh, and Aceh Jaya is home to the bulk of ESP's coastal rehabilitation activities.

Regarding new institutional initiatives, ESP began establishing forums on a sub-watershed level. Two were created during the quarter. ESP also helped the village of Jruek Balee create a village policy document. Additionally, ESP put a new twist in the Field School process, retuning the approach to serve as a stepping stone to the creation of a water supply management organization in Lampuuk.

Finally, continuing working relationships with USAID partners were strengthened during the quarter. ESP teamed with HSP and DBE 2 to conduct an environmental awareness and hygiene program for 152 fourth and fifth graders in the village of Sibreh. ESP agreed to work with HSP again in the rehabilitation of health facilities in Aceh Jaya and Aceh Barat. ESP also produced a regional map of proposed work areas for DBEI.

### BLUE THREAD IN KRUENG ACEH WATERSHED

In the Krueng Aceh Watershed, besides the rehabilitation of 1,196 hectares of forest and degraded land, the quarter was marked by two major community level achievements. The communities of Blang Lambaro, Sukadamai and Jruiek Balee installed water supply systems with the technical assistance of ESP. This caps a year-long process of learning and construction for these communities.

Village	Households	Pipe Length	Other
Jruiek Balee	131	2652 meters	18 public taps, 18 1000 liter reservoirs, 4 wells
Blang Lambaro	147	3288 meters	14 public taps
Suka Damai	228	2010 meters	25 public taps

A second major community achievement was the formulation and ratification of a broad village policy document (*Qanun Gampong*) in Jruiek Balee that covers traditional institutions, public order and environment. The intention of village leaders was to reinvigorate traditional institutions, regulate the use of public spaces, and set explicit environmental initiatives in place. The policy establishes a process for management of the newly installed water supply system, solid waste and protection of the village's riverine environment. By the time the village head signed the document more than 300 people had participated in its development over a series of 10 meetings.

The Community Nursery of Jruiek Balee, begun by ESP in May of 2006, has become a center for farmer education. The research of the farmers associated with the nursery in ecological rice production, nursery management, composting and various organic fertilizing approaches has attracted visitors and learners from far and wide. Students from local universities have come to learn practical approaches to nursery and rice production. Nearly 300 farmers have been trained by the members of this farmer learning center.

### How Asnawi Became a Teacher

The women were working at the Jruek Balee Community Nursery as Asnawi was teaching some university students about plant propagation. One of the ladies looked up and said: “Look at him with those university kids. The laborer has become a teacher.”

Before ESP came to Jruek Balee, Asnawi worked laying ceramic floor tiles. He could earn Rp 100,000 per day. ESP selected him to take part in two study trips to North Sumatra. The first trip was to the Farmers Learning Center in Sidodadi and then to the Golden Farmers Grafting Center in Tanjung Morawa. He changed his rice farming system totally to apply what he learned at the Farmers Learning Center. Later he established his own nursery while continuing to support the Community Nursery and ESP. He has given up laying floor tiles.

“ESP gave me an opportunity to change my life. For this I am grateful and in turn I am helping others to change their lives.”

And helping others to change their lives is not an understatement. He has trained 200 other farmers in grafting and nursery techniques. While he trains he is always talking to people:

- “The Five C’s are the key to success in the nursery game: confidence, cleanliness, concentration, carefulness, and constancy.”
- “Propagation is like surgery and we have to be both serious and careful.”
- “Don’t say something isn’t possible before you try it.”
- “If we always depend on others our lives will never change.”

In early March Asnawi went back to middle school, this time to teach the students of SMP I Indrapuri about the use of organic wastes in making compost and how to re-use plastic bags.

The Forum Alur Mancang Saree was established for stakeholders in the watershed of the Krueng Alur Mancang, a tributary of the Krueng Aceh. The forum comprises two villages (Suka Damai and Suka Mulia) that border the Tahura Pocut Meurah Intan. Around 144 hectares of land in Suka Damai have been rehabilitated by residents working with the ESP team. Suka Damai built a water supply system with ESP assistance. Both villages suffer chronic shortages of water. They are both interested in protecting the slopes of Gunung Seulawah and hence their water supplies. That the villages encompass a busy market that is part of the water supply system raises the possibility that it can generate funds to support both the water supply system and the forum’s water resource protection program. The basic outline for a watershed action plan was determined by the forum during its first meeting. Another outcome was a request for expanded rehabilitation planting by ESP.

ESP helped three villages in the sub-district of Meuraxa in Banda Aceh complete proposals for water and sanitation infrastructure projects. This work was part of the on-going cooperation with the World Bank in the villages of Blang Oi, Gampong Baru, Funge Ujong and Lambhung. The proposals, for up to Rp 500 million, are now being reviewed by the Bank.

For World Water Day ESP organized an event to increase the awareness of children and the press about the quality of water in the Krueng Aceh, the source of drinking water for the city and its environs. ESP worked with a local NGO, Hono Bono to stage the event. Over 50 grade school children took part in activities to learn about the environment and water. A press conference—featuring the directors of PDAM Tirta Daroy and PDAM Tirta Mountala plus representatives of Bapedalda and the provincial legislature—was held for over a dozen members of the press and radio and television.

## THE FIELD SCHOOLS

Six Field Schools were completed during the quarter and a seventh was begun. Three of the Field Schools were in the Blue Thread integrated site, two were in the Coastal Mini-ESPs site and one was in Ulu Masen. A total of 158 people (89 women) participated in the six Field Schools. Field Days for exposing Field School action plans were held after completion of the Field Schools. The four Field schools in the Kr. Aceh watershed combined to hold their Field Day in Jantho, the capital of Aceh Besar. The two coastal Field Schools held their Field Day in Lhoong the main town of Lhoong Sub-district. The results of the Field Days were gratifying. Government officials in Jantho urged that the action plans be submitted to them the following day as the officials would be engaged in establishing the next annual budget. They promised the infrastructure plans would all receive consideration. In Lhoong, BRR and Oxfam immediately stepped in with offers to help with the action plans.

Village	Training	Action plans
Ulee U (Blue Thread)	Propagation training Making decomposers	Riverside planting (ESP) Build bridge (L.G.)
Kr. Lam Kareng (B. Thread)	Propagation training Making organic fertilizer	Making water filters (ESP) Rehab Kr. Jreu watershed (ESP) Irrigation and water infrastructure (L.G)
Kp. Seulimum (B. Thread)	Propagation training Making compost	Build W.C. (ESP) Riverside planting (ESP) Sanitation infrastructure (L.G.)
Beung (Ulu Masen)	Propagation training Making compost and Decomposers	Compost study (ESP) Kemiri planting (ESP) Install water mains (L.G.)
Baroh Kr. Kala (Mini-ESPs)	Propagation training Making water filter	Clean water infrastructure (BRR) Make water filters (ESP) Village greening (ESP)
Glee Bruek (Mini-ESPs)	Propagation training Sanitation campaign at grade school	Coastal rehabilitation (ESP/BRR) Village greening (ESP) Solid waste (ESP/Oxfam)

### Agustina: Housewife as Village Motivator

“Alhamdulillah, now we finally have clean water at the neighborhood health clinic. Before, we had to carry clean water from the public tap which is far away from the clinic. The water from the well by the clinic was dirty, really brown in color. Now, because we have a filter for the well that ESP helped us make, we have clean water at the clinic.”

Augustina (27) lives in Baroh Krueng Kala in Lhoong sub-district of Aceh Besar. She is an alumna of the Field School that was just completed in her village. Sixty percent of the 25 participants in this Field School were women and they led the way in determining issues that needed solving including the problem of dirty water in the village during the dry season.

Augustina has become the leader of the women in the Field School, goading them into action or getting them to comment about issues they feel are important but are too shy to talk about in public in front of village leaders. She was the one who got the other women to collect gravel and sand for the filters that they made as part of the Field School training.

“I want our village to once again be like it was before the tsunami. The Field School is helping us to help the village.”

## **CLEAN, GREEN AND HYGIENE IN LHOKNGA**

In Lampuuk, ESP is piloting the Field School as a programmatic stepping stone to developing a community-based water supply management organization (HIPAM) across the five villages of the *mukim* (700 households, over 3000 people). Oxfam built the infrastructure, but requested ESP to develop the community organization as they realized they lacked the capacity. The Director of the PDAM in Aceh Besar said: “Oxfam can’t do it. We can’t do it. Lampuuk is a hard nut.” Our team’s response was, “We can do this.” The Field School’s focus is on the water supply system and water resource issues. Transits, maps, problem analysis, etc. all deal with these two issues. A second interesting development with this Field School is that a local NGO, HAF is being trained to conduct the Field School. Thus, when ESP leaves Aceh, there will be a local organization that can continue to conduct Field Schools in the future.

In Lamkruet, ESP completed construction of the MCK with the help of the Lamkruet Women’s Group. The MCK has the capacity to eventually serve as a communal septic system for the 20 houses nearby. In Nusa, ESP is assisting 90 households to obtain connections with the Aceh Besar PDAM. ESP has set up a fund with a community group that will purchase connections for people with the condition that people pay back the connection costs. As people pay back, the fund is replenished and others can use it to buy their connection.

The Monikeun-Lamkruet water supply system program that will serve 1000 households with clean water finally was able to overcome land acquisition problems and funding issues. ESP has been coordinating UNICEF, BRR, THW, AmRC and local communities to move this project forward. THW will meet most of the costs of the project and UNICEF will also contribute to project costs. American Red Cross will subsidize house connections and community socialization activities. BRR has cleared the land agreement. With these agreements in place, the project should now be able to go ahead.

## **COASTAL MINI-ESPS**

Coastal re-habilitation activities continued along the West Coast corridor with the planting of 110 ha of coastline during the quarter. Sawang, the site of a community nursery, became the focus of activities to establish a forum in the Kr. Lageun river basin. This forum includes a total of nine villages, four of which fall into the Ulu Masen area. The upstream villages grow cacao and other tree crops and are working with the Sawang community nursery to re-invigorate their forest gardens with improved stock. Also in Sawang, ESP is providing technical assistance for the installation of a water supply system funded by the Kecamatan Development Program. This project will connect 50 households to clean water. ESP is working to bring Medair in on the project to increase the number of households in Sawang that can be connected to the system. There are 120 households in the village.

ESP continued to provide support to the American Red Cross program in the Aceh Jaya area through technical assistance for their sanitation and water supply program. The well that was being drilled to serve the system failed because the AmRC contractor hit a saline aquifer. This required sealing and closing the hole and the boring of a new well. The project will eventually connect 120 households to a clean water source. The ESP community nursery in Kuala Meurisi began restocking for planting during the next rainy season. The goal of the nursery is to support the community in re-establishing their small plantations of rubber and cocoa. ESP will contribute 50% of the needed stock (2000 rubber trees and 1000 cocoa trees) and the community will contribute the other 50%.

### **Heri Builds a Pump**

Herjuanto (Heri) arrived in Meulaboh in October of 2005 from Medan. In May of 2006 he was working as a laborer for a contractor working on the ESP office in Meulaboh.

“While I was repairing the fence at the office I saw some photographs of ESP activities and met the local assistants. I thought ESP was doing interesting things.”

Heri eventually began to take small jobs building ESP designs. One of the first things he did was to build water filters that were being demonstrated in villages as a means to filter out dirty well water.

Heri helped an ESP consultant to install a proto-type water tight sustainable septic system as a pilot project at the ESP Meulaboh staff house. A means to de-sludge this and other septic tanks was needed. “The consultant drew a picture of the problem. He didn’t speak Indonesian and I don’t speak English. But I figured out what he meant and I built a hand-pump that would take the sludge out of septic tanks.”

This hand-pump is a critical part of a workable sustainable sanitation system. With it a person can clean their septic tank then dry and compost the sludge and re-cycle waste as fertilizer. The pump was the key and Heri is now busy building pumps for NGOs around Meulaboh.

“I came to Meulaboh to work and increase my experience. ESP gave me a chance to build some things for them. Now I can make my own way by building and selling these pumps to NGOs.

UNICEF, IRC, OXFAM, CRS and ESP combined to conduct training for 25 people (8 women) from ESP’s three Sanitation Clinics and from Dinas Kesehatan in the use of the Del Aqua water quality test kit. The Del Aqua kit provides an effective means for testing water quality, including eColi. Oxfam donated one kit to each of the clinics and to the district health department. Oxfam also offered to cover the operating costs of the clinics through July with the condition that they provide action plans. ESP is helping the clinics develop those plans. ESP and the health department are working together to establish a budget line in the district budget to support the sanitation clinics.

In Lhoong there is a water supply system that was built with the support of UNICEF to supply water to Temporary Living Centers in the first half of 2005. Since then, across the 22 communities of the sub-district, individuals and NGOs have tapped into the system, creating a crazy patchwork of water supply systems that deliver water to public taps and individual houses. The system has become a very leaky system and tail enders receive no water at all. During the quarter ESP, at the request of UNICEF and the sub-district head, organized a regular series of meetings for all stakeholders to identify strategies and actions to rehabilitate the system. ESP also began a physical assessment of the system as the first step in developing a strategic plan for the water system.

### **ULU MASEN**

As mentioned above, the Ulu Masen region was the site of one Field School in the village of Beung during the quarter and four villages in the Kr. Lageung basin forum also are part of the region. During the quarter the ESP team also monitored the 181 hectares that were replanted in the region during December. The team determined that there was a 90% survival rate, but follow-up work needs to be done with neighboring communities as their

animals and fires were the major cause of damage to both the trees that had been planted and the ecosystem in general.

### **MUNICIPAL PROGRAM**

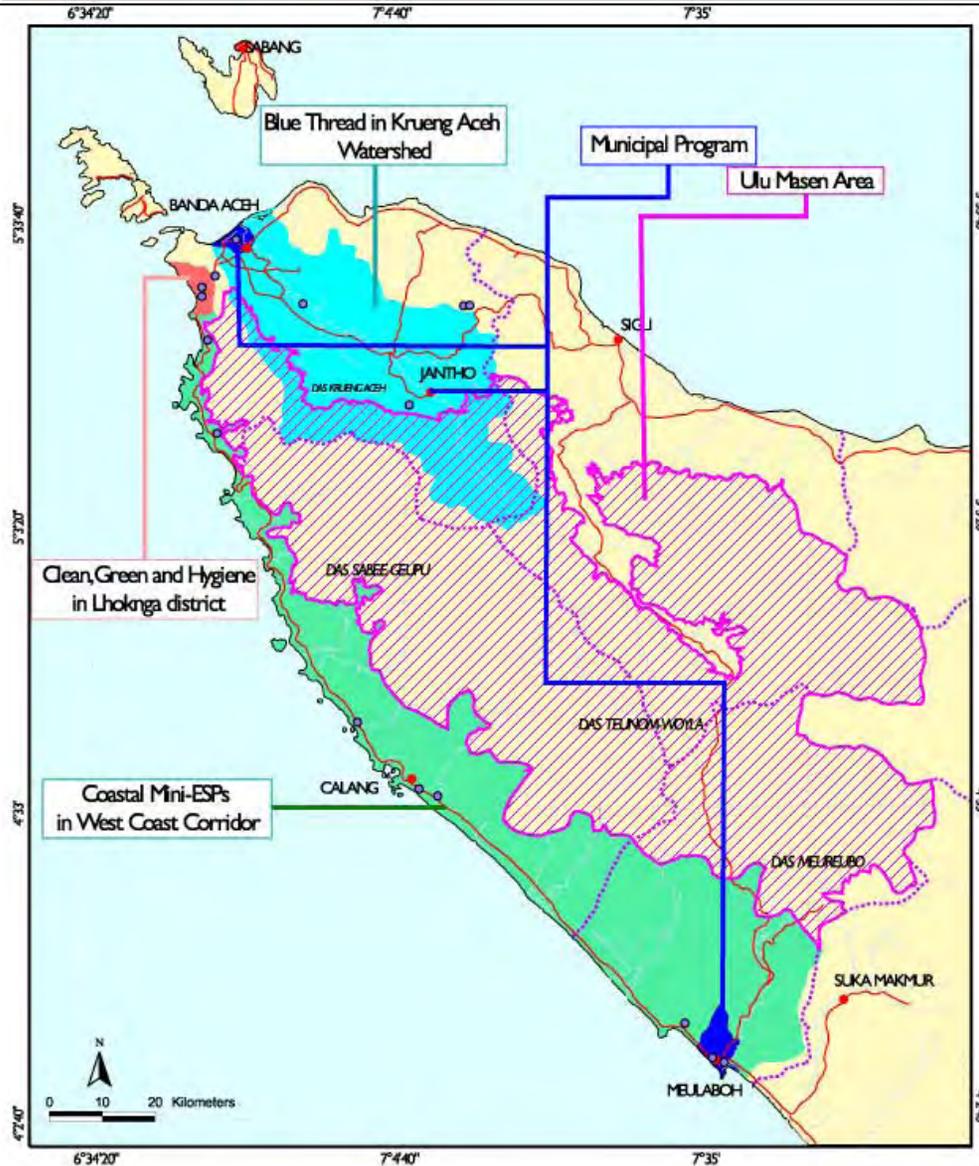
In Banda Aceh, PDAM Tirta Daroy has decided to try to collect on the Rp 18 billion that customers owe the PDAM. To achieve this ESP has helped the PDAM to devise a strategy that rests on training and policy. First, the Standard Operating Procedures (SOPs) of the collections division were reviewed and updated. Next, the SOPs for meter readers and administrative staff dealing with payments were analyzed as part of an ESP-organized training in February for 14 meter readers and four administrative staff (three were women). Other topics of the training included transparency, work ethic, field collection problems and PDAM policies and strategies. ESP worked with the PDAM to prepare an MOU that was signed with the prosecutor's office to pursue those who are in arrears. To do this, the city was divided into two zones; the area hit by the tsunami and the area that escaped the tsunami. The arrears of those in the tsunami area may be excused; those of people in the second area, however, won't be excused. In addition, data from the census conducted by ESP is being used to identify illegal water connections which are then capped. Finally, the billing system data base is being revised based on census data to achieve an up to date record of customers.

The work with PDAM Tirta Mountala in Aceh Besar focused on budget planning and corporate planning. As a result of ESP training, the accounting section of the PDAM was able to produce a coherent and complete budget for the first time. This budget was submitted to the local government. Corporate plan development in PDAM Tirta Mountala continued across the quarter despite the MOU between the former bupati of Aceh Besar and the former mayor of Banda Aceh to join the two PDAMs together. The World Bank supported regionalization of the two PDAMs is likely to take place, but the director of the Aceh Besar PDAM wants to keep this program going. "We can learn the process of developing a corporate plan and will be better for that. If regionalization doesn't happen, then we'll have a workable plan."

In Meulaboh, the municipal program helped PDAM Tirta Meulaboh re-organize the structure of the organization and develop SOPs for every part of the organization. The Bupati has agreed to these changes and issued a proclamation to that effect. The PDAM completed the implementation of all new SOP's. ESP and the PDAM began a census of customers in February. The census will survey 4772 customers and non-customers. By the end of the quarter, nearly 80 % of the target group had been surveyed. Another activity in Meulaboh is the recruitment of new staff. ESP has assisted the PDAM in establishing a process that will ensure that new recruits to the PDAM are legitimate and of good quality. Finally, the program to enhance water quality from PDAM Tirta Meulaboh resulted in a team of staff regularly monitoring random points in the supply system and in fact improving the quality of water delivered by the system to customers.



## Map QPR #7 Nangroe Aceh Darussalam-I. Location of ESP Integration Approach for Nangroe Aceh Darussalam Region



### Legend

- District
- Site Activitie
- District Boundary
- ~ River
- Clean Green and Hygiene in Lhoknga District
- ▨ Ulu Masen
- The Municipal Program
- Blue Thread in The Krueng Aceh
- Coastal Mini-ESPs

### Focus Area for Integrated sites and Strategies, FY 2007:

1. Krueng Aceh Watershed in Banda Aceh & Aceh Besar district
  - Blue Thread Strategy in Krueng Aceh watershed
2. Lhok Nga sub district, Aceh Besar district
  - Lamkruet and Nusa Clean, Green and Hygiene
3. Aceh Besar, Aceh Jaya and Aceh Barat districts
  - Coastal Mini-ESPs in DAS Sabee-Geupu
4. Ulu Masen Area
  - Field School support Ulu Masen water catchment area
5. Banda Aceh, Aceh Besar and Aceh Barat ditrics
  - PDAM Institutional Development Programs

### Map of Indonesia



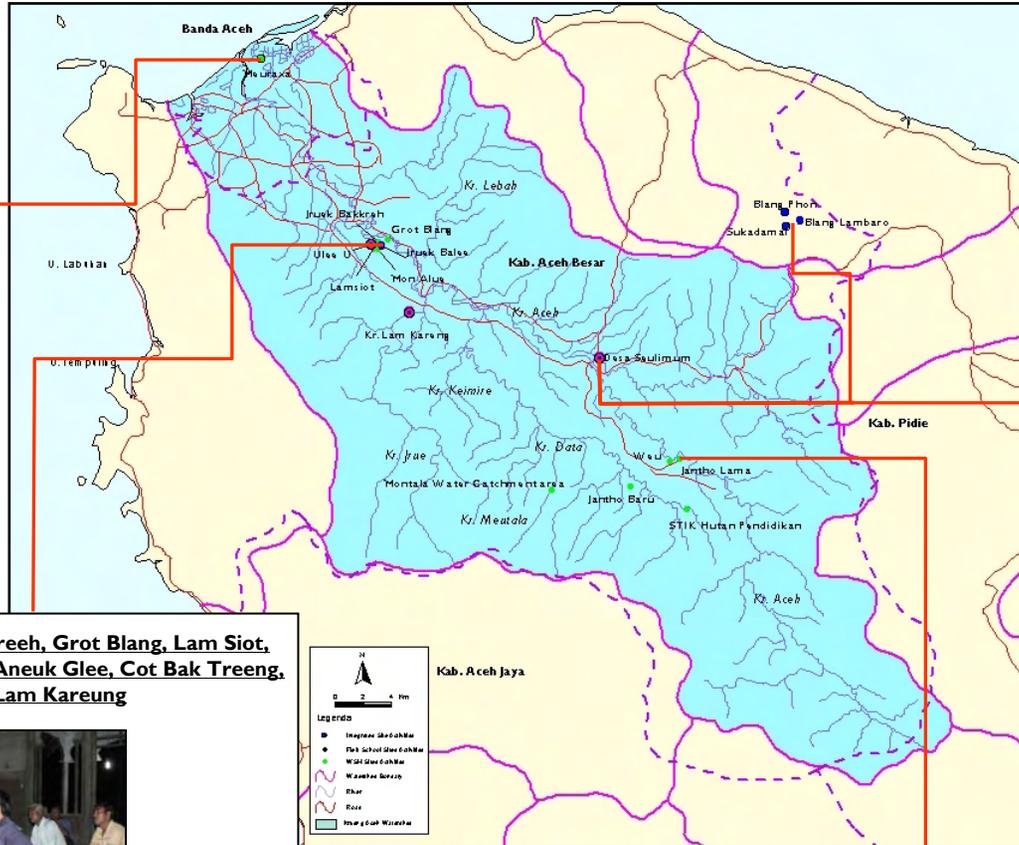


## Map QPR #8 Nanggroe Aceh Darussalam-2. Blue Thread Strategy Update in Krueung Aceh Watershed

### Meuraxa Area



**SD4-5, SD3-4, & 4-6:** Assist 4 villages to complete WATSAN proposals for World Bank.



### Jruiek Balee Area (Jruiek Bak Kreeh, Grot Blang, Lam Siot, Ulee U, Mon Alue, Meurubaro, Aneuk Glee, Cot Bak Treeng, Ligom, Krueng Lam Kareung



**SD3-1:** Water Supply System completed in Jruiek  
**SD3-1 & WS2-1:** Field schools completed in Ulee U and Krueng Lam Kareung.  
**WS1-5:** Village level environmental policy completed in Jruiek Balee.  
**WS2-1:** Land rehabilitated 41 ha.

### Blang Lambaro, Sukadamai, Blang Phon, Kampong Seulimuem



**SD3-1:** Water Supply System completed in Blang Lambaro and Sukadamai.  
**WS3-2:** Pride Campaign in Blang Lambaro.  
**SD3-1 & WS2-1:** Field school completed in Kampong Seulimuem.  
**WS1-3:** Establish forum for Sukadamai and Sukamulia.  
**WS2-1:** Rehabilitated 630 Ha forest in Tahura Pocut Meurah intan, 144 Ha Forest in Alue Mancang and 200 Ha in community areas in Sukamakmur.

### Jantho Area



**WS2-1:** 181.5 hectare in Jantho Lama and Desa Wue on the Krueng Inong.



**Deah Mamplam, Meunasah Bak U, Meunasah Mesjid, Lamseunia, Pulot, Nusa, Nagaumbang**

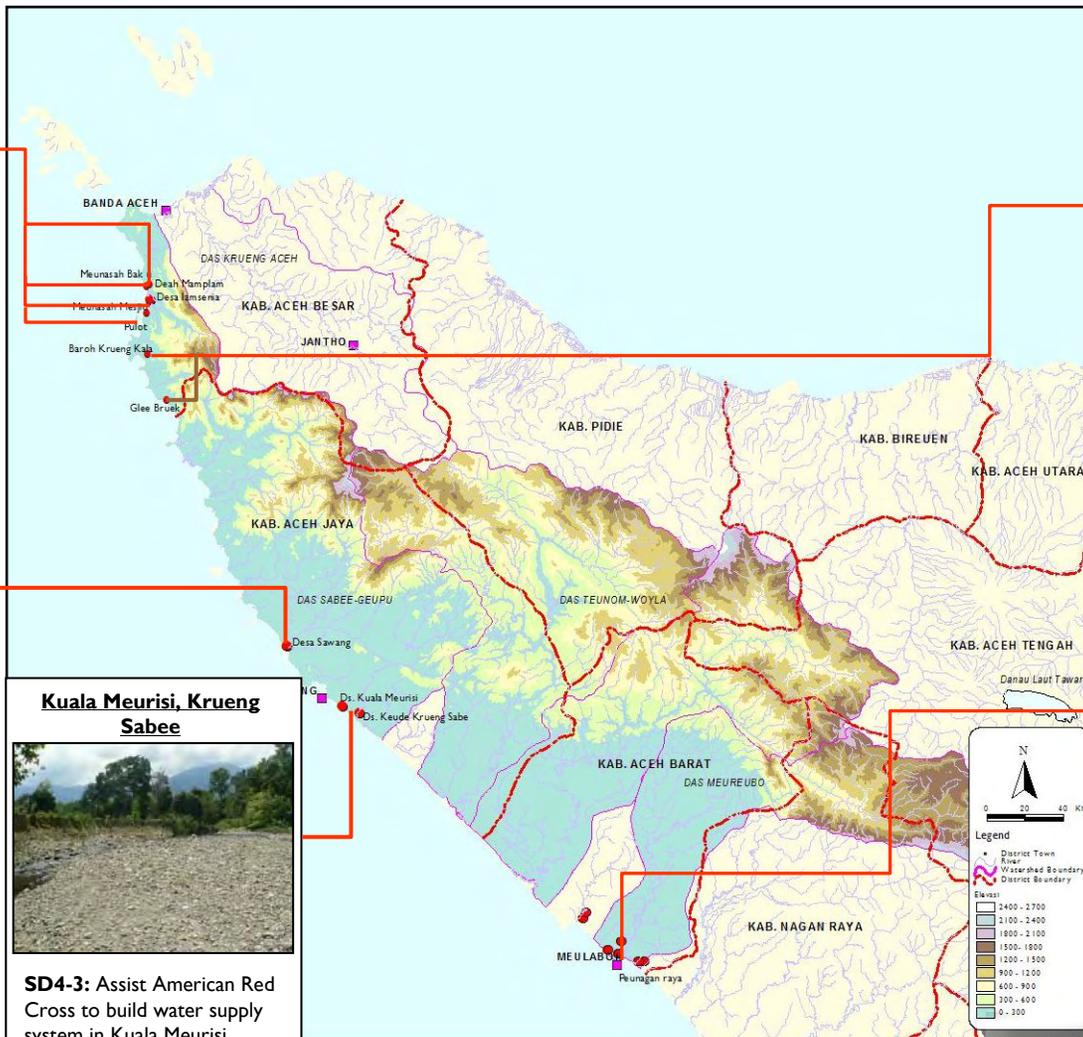


**WS3-2:** Pride campaign established.

**Sawang, Babah ngom**



**SD3-1** TA for installation of water supply with PPK  
**WS1-2 & 1-3:** Establish forum in the Lagoon watershed.  
**WS5-3:** Planted 67 Ha on Krueng Babah Ngom.



**Kuala Meurisi, Krueng Sabee**



**SD4-3:** Assist American Red Cross to build water supply system in Kuala Meurisi  
**WS5-3:** Rehabilitate river area, 43 Ha in Krueng Sabee.

**Babah Krueng Kuala, Gle Bruek**



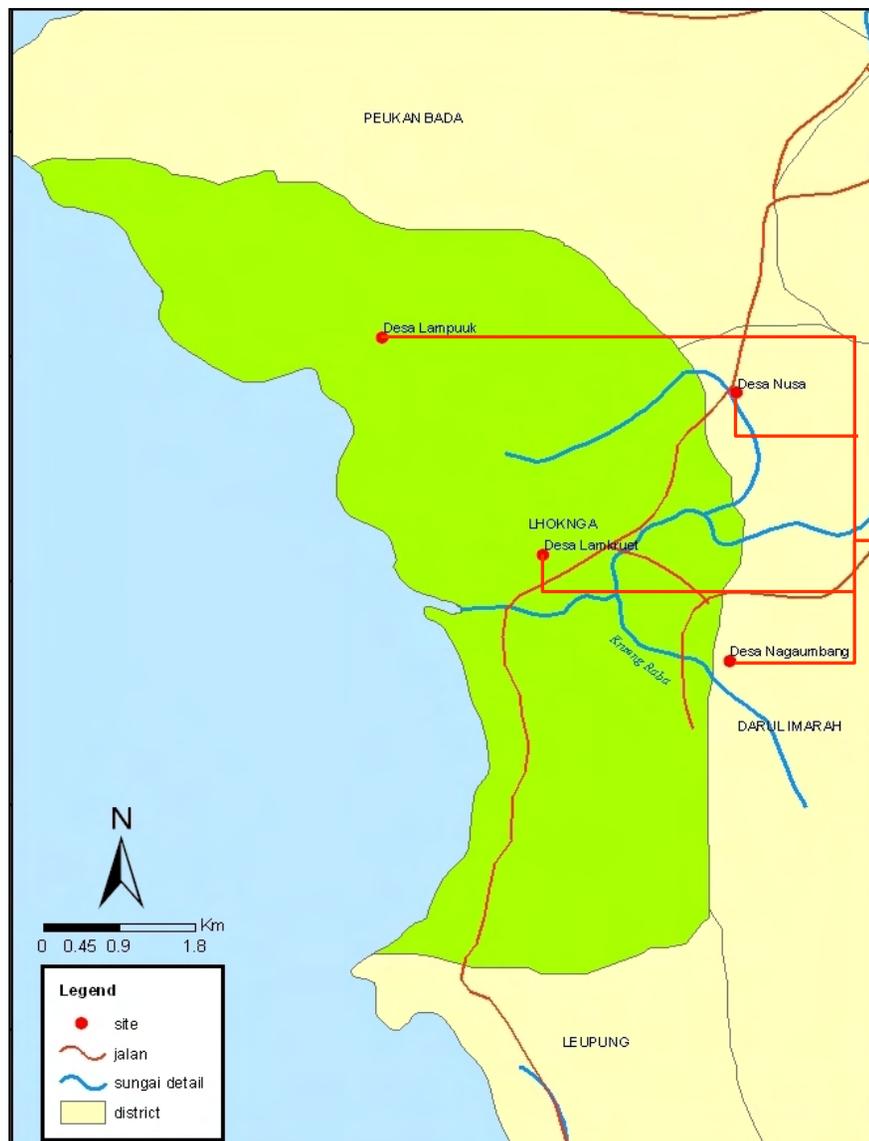
**SD3-4 & WS5-3 :** Two Field Schools completed hygiene campaign in school.

**Cot Darat, Johan Pahlawan, Suak Ribee, Meureubo**



**SD4-3:** Training on testing water quality for sanitation clinic.  
**SD6:** Completed instalation of sanitation system with Daeul Hikmah Pasantren in Peunagan Rayeuk.





**Lampuuk, Lamkruet, Nusa and Nagaumbang villages**



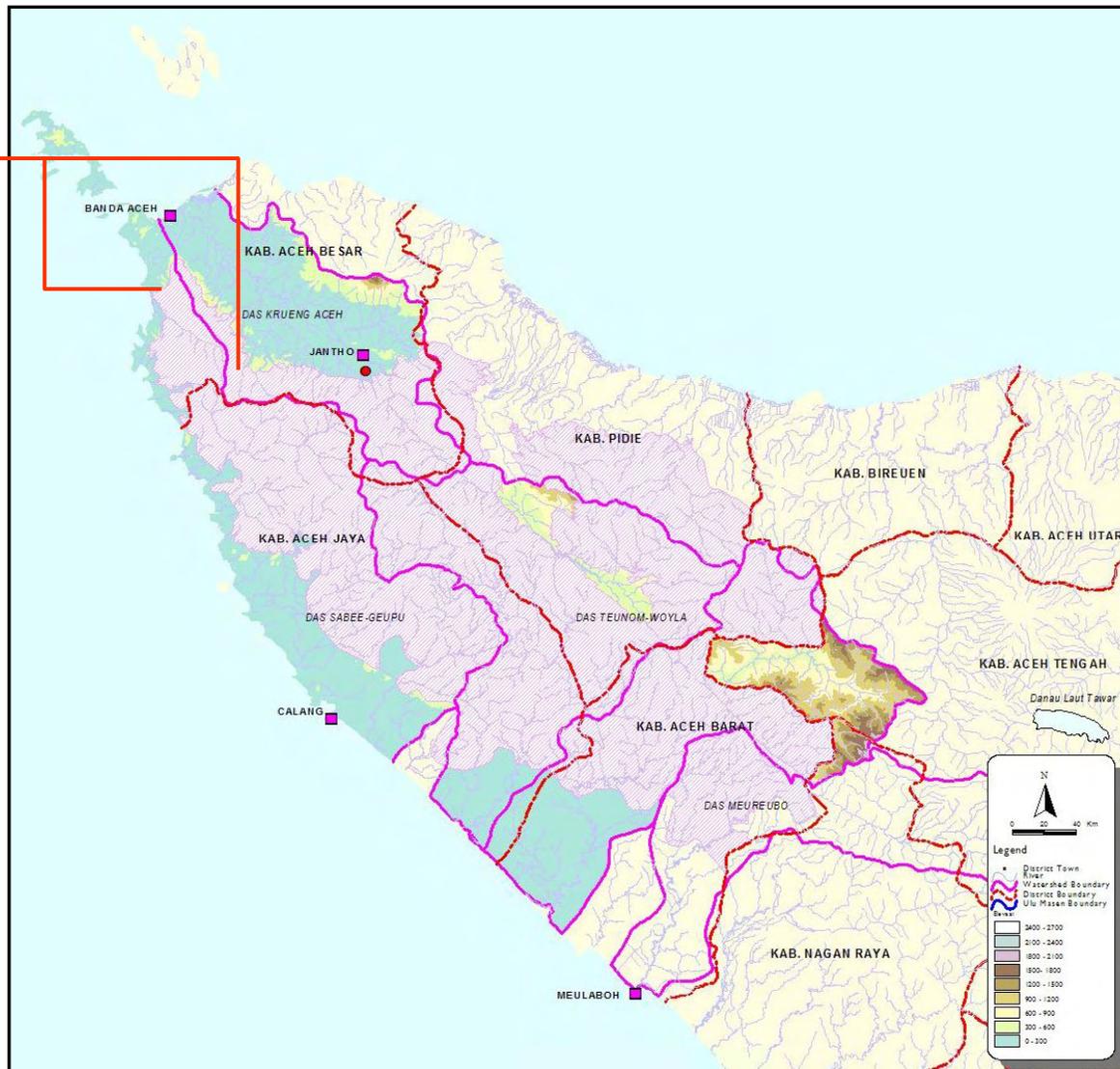
- SD3-4:** Lead coalition to install water supply system for Lamkruet and Monikeun
- SD3-4:** Field school established to create community group to manage water supply in Lampuuk
- SD3-4:** Establish program in Nusa to install connections with PDAM
- SD4-5:** Public toilet in Lamkruet completed.
- SD4-6:** Work with community group to improve environmental sanitation in Lamkruet
- SD4-6:** Work with community group to improve environmental sanitation in Nusa
- WSI-4:** Establish 5 community groups in Lampuuk.
- WS5-3:** Mangrove assesment in Naga Umbang.



### Bueng, Jantho Baru, Kr. Geupu



- WS2-1:** Riparing zone of Krueng Keumireu 9 Ha in jantho Lama.
- WS2-1:** Propagation Training to Bueng Community.
- WS5-3,SD3-4:** Completed Field School in Bueng.
- WS3-2:** Pride Campaign established.





### Banda Aceh, Aceh Besar, Aceh Barat



**SDI-4:**

Training on PDAM budgeting for Banda Aceh, Aceh Besar, Aceh Barat.

**SDI-4:**

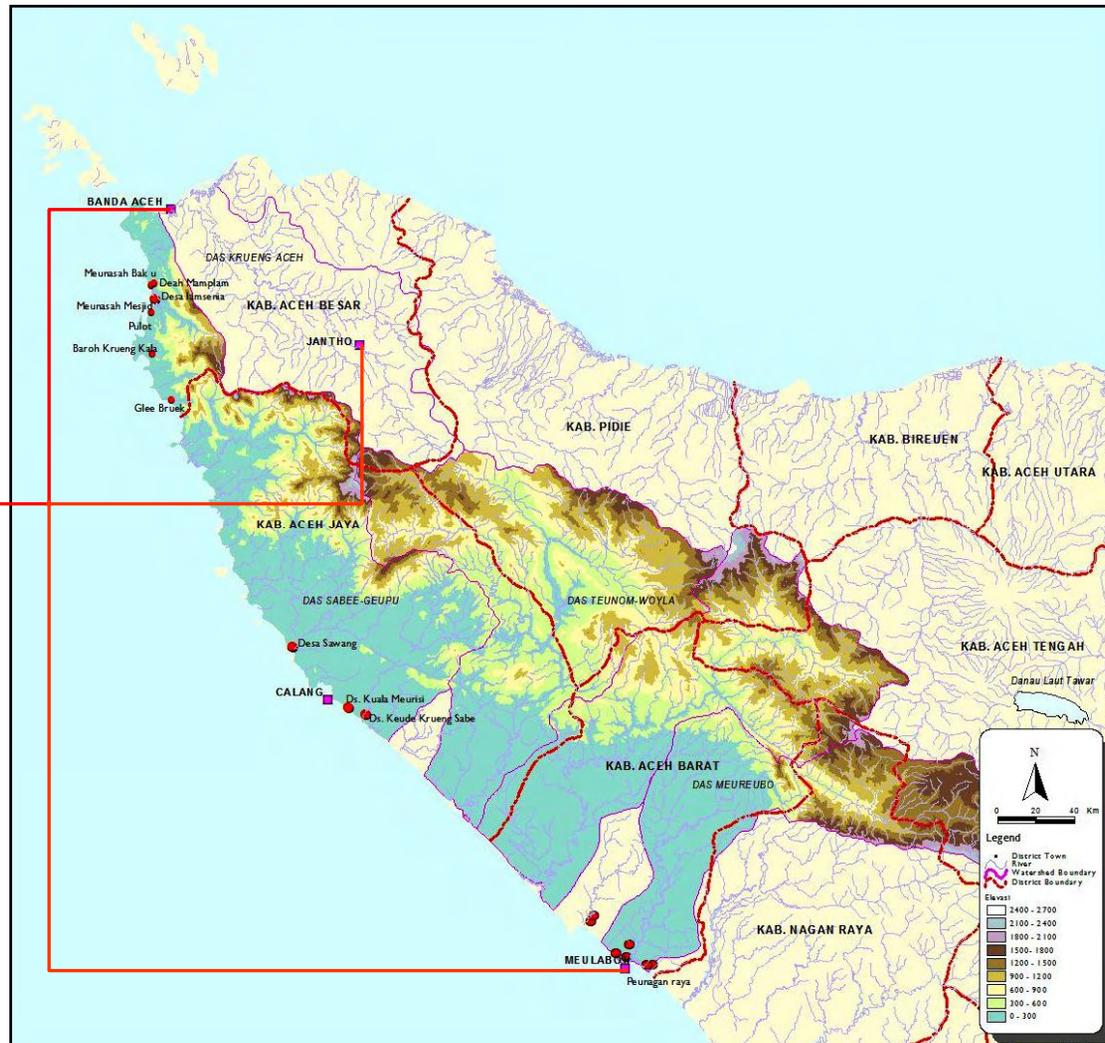
SOP implementation in PDAM Tirta Meulaboh in Aceh Barat.

**SDI-4:**

Motivation Training for meter reader of PDAM Tirta Daroy-Banda Aceh.

**SDI-4:**

Implementation of new structure organization on PDAM Tirta Meulaboh-Aceh Barat





## SECTION 2.2.

# NORTH SUMATRA

## INTRODUCTION

The first quarter of calendar year 2007 was characterized by a wide range of collaborative initiatives: upstream-downstream, public-private, Government-NGO-community, community to community organization, farmer-to-farmer, across integrated sites, and between components.

*“through this clean up, we gather a lot of organic material for our compost. We won’t need chemical fertilizers for our crops anymore”*  
stated local farmer *Darta Sembiring*.

Farmers of the *Sibayak Valley Ecological Farmers Association* joined with ESP and Aqua-Danone to do a Clean-up of several kilo meters of the Lau Petani, the very top of Deli River watershed. An upcoming Partnership program will tackle solid waste management and composting in the valley.

Other collaborative initiatives included:

- **The Forum Konservasi Tahura:** In February leaders from 7 NGO’s gathered in the shade of the tree nursery at the ESP Medan office to lend their signatures to an MOU creating the multi-stakeholder ‘TAHURA Conservation Forum’ dedicated to building local community capacities for collaborative protected areas management of the upper Deli and Wampu watersheds.
- **BKSDA I, ESP, USU, and NGO’s GURKHA, OIC, CI, and YAGASU signed an collaborative agreement** for the management of Sibolangit Wildlife Forest Sanctuary and Education Center. ESP’s main involvement will through work with perimeter communities.
- **SWS, ESP, and Save the Children conducted a joint training for cadre from 31 neighborhoods and 17 Posyandu** in Medan on Handwashing with soap, solid waste management, breast feeding, and health and hygiene.
- **Pesantren Ar-Raudhatul Hasanah and ESP** signed an MOU to provide training and technical support for solid waste management and composting. The *MAPEL* community organization from Tembung provided the initial training in the organizing trash separation.
- **The Forum Pemberdayaan Perempuan** gathered women from a number of upstream villages, local NGO’s, KERINA, and community groups at a workshop to learn participatory mapping and village transect analysis for planning watershed rehabilitation activities. The group will conduct a tree planting action in early April with financial support from the *Bodhi Cita* business association.



ESP NORTH SUMATRA

**Women cleaning-out the Lau Petani, over 150 persons participated in the activity.**

- **Upstream-downstream collaboration continued** as farmer experts from the WBP in Beringin completed 3 months of facilitation for 4 Watershed Management Field Schools in villages in Sibolangin and Namorambe sub-districts.
- **Public-Private collaboration** was initiated by graduates of the Sustainable Livelihoods Field School in Puang Aja and Rumah Sumbul Villages as they held discussions and presented a catchment rehabilitation proposal to PDAM Tirtanadi.

## INTEGRATED SITES

### Tahura Bukit Barisan Integrated Site

ESP, partners, and small grantees are now active in 11 protected area border villages and have approached the just appointed Tahura Management Agency to begin collaboration on immediate issues such as humus piracy.

- **FKT (Forum Konservasi Tahura)** was established in early March. The first activity of this group was a ‘Conservation Camp’ for 300 students From 30 Schools from the upper, middle, and lower parts of the DAS Deli held In Tongkoh in the Tahura Bukit Barisan Great Forest Park. Activities conducted over the 3 period included public dialogues with policy makers and park management, creation of a documentary film, and the planting of 1000 trees.
- **Co-Management of TAHURA boundary lands** is being initiated through 2 Sustainable Livelihoods Field Schools in Serdang and Penampen villages. At recent Field Days, these groups discussed their land rehabilitation and management plans with the community, local government, and Forestry officials.
- **Small Grantee the PALAPA Foundation** conducted a series of training programs in community tree nursery development and participatory mapping for the “Friends of TAHURA’(*Sahabat Tahura*) community network comprising groups from 7 TAHURA boundary villages.
- **A Field School conducting field research on citrus trees** in Karo received support through collaboration of ESP, Clemson University, FIELD, and the Citrus Research Center. Field learning activities focused upon agronomic measures for soil fertility and pruning as well as pest management.
- **A Joint Field Day activity for 2 Sustainable Livelihoods and Watershed Management Field Schools** was held in Barus Jahe. Follow-up actions plans are geared toward community level spatial planning(*tata ruang mikro*), land rehabilitation, and organic agriculture.



### Lau Petani Integrated Site

Straddling the upper and middle parts of DAS Deli, Lau Petani is the most diverse site in the North Sumatra ESP program with activities for community nurseries and forest rehabilitation, health and hygiene in schools, school based ‘Tree Banks’ initiatives, public-private partnerships for composting, waste management, watershed rehabilitation, and farmer-to-farmer training programs.

**5 Sustainable Livelihoods Field Schools held their community Field Days** in March present their results and their action plans to community and local government stakeholders. These lively events featured displays, demonstrations, ‘people’s theater’, and open dialogue. Field School groups are now creating community level ‘spatial plans’ and holding dialogues with the village government and outside agencies as they initiate activities.

- **ESP, OIC, YES, PUSAKA, FK3LI, Ate Keleng, Field School alumni and 2 schools launched the “Conservation Fund” program in Sikeben Village, Sibolangit.**

The consortium has begun work on composting, tree nurseries, forest rehabilitation, environmental education, promulgation of village environmental regulations, and village spatial planning.

- **The ‘10 minute monitoring program’ for diarrhea management** was launched with cadre from the *Posyandu*’s in Sikeben and Semangat Gunung.
- **120 students and 7 teachers participated in ‘Water Testing Day’** and handwashing campaigns conducted by SWS and ESP in Sikeben, including activities such as games, quizzes, races, practicum, and other interactive techniques.
- **Small Grant recipient PPAI began installation of water** facilities in State Primary School 101842 in Sikeben, and garnered support for the school from ‘Dana BOS’ funding.
- **International Water and Women’s day campaign activities were conducted by the Women’s Water Resource Forum** in Semangat Gunung and Rumah Sumbul villages, including trash clean-up, public discussions, and training on composting and tree nursery maintenance.



### Medan Area Integrated Site

Aiming toward the creation of Clean, Green, and Healthy communities, the Medan area integrated site has spread its wings with new collaborative programs during the last quarter utilizing community skills and capacities developed during the course of the ESP program. On the 1st of February 2007, USAID-ESP -JKM –BAPPEDALDA officially opened a waste water system serving over 20 households to complement the clean water system already installed.



Before



After

- **The Tembung Solid Waste Management program** run by the MAPEL community organization in collaboration with JBIC is expanding with the “Composting for Ginger” activities to include Sei Mati and Sunggal villages. Compost expert Prof. Takakura visited the site and was impressed with the quality of MAPEL’s compost
- **A MOU was signed between ESP and Pesantren Ar-Raudhatul Hasanah** in Tuntungan near the Deli river. This pesantren has over 2000 students. ESP, through Tembung’s MAPEL organization, is providing assistance in establishing a solid waste management program.



ESP NORTH SUMATRA

**Zulkarnain, Chief of POKMAIR said:**  
**“After 25 years the waiting game is over.**  
**We now Have proper sanitation facilities”**

- **Bis Peduli, NGO small grantee, conducted field surveys for expanding its ‘Bank Sampah’ program** to upstream ESP sites in Deli Serdang and Karo. Their ‘flake’ machine can utilize up to 500kg of used plastic per day, hence many communities can maintain an ‘account’ with the Bank Sampah.
- **MMC#7 on community based sanitation engaged Medan Bisnis, SMART FM, and Prapanca FM** for an interactive dialogue on sanitation issues in Medan City. Subsequently, after a public hearing, members of the DPRD visited ESP community based sanitation sites for direct discussions with beneficiaries with a goal of finding means to support similar initiatives from state budgetary sources. Also, the Strategic Communications team will be the liaison in the Hand Washing with Soap Event on May 6<sup>th</sup>, 2007. MMC#8 will address the important issue of “Hand Washing with Soap.”
- **PPAI conducted hygiene and handwashing with soap campaigns in 5 primary schools** in Aur and Tanjung Mulia villages in Medan.

#### **DAS Wampu Integrated Site**

- **The MAP small grant program planted another 9,000 mangrove seedlings on 107 hectares** within the Co-Management Zone of the Langkat Wildlife Sanctuary to conclude their small grant. Community livelihoods activities also continued in *Jaring Halus* village in production of VCO, mangrove tea, *jeruju* flour and kerupuk.
- **NGO grantee PARAS completed fresh water well drilling** for the community based system that will be run by a recently established women’s Credit Union. River bank reforestation and agro-forestry activities are planned for the coming months to restore areas damaged by heavy floods.

## PDAM PROGRAMS

ESP technical support programs with PDAM's in Medan, Langkat, Karo, and Sibolga continued with major emphasis on in-service training for improving distribution networks, reducing non-revenue water, and improving the efficiency of sub-district level systems (IKK).

### **The Water Treatment Plant Optimization program design was finalized with PDAM Tirta Nauli , Sibolga.**

The local government has provided funding for construction within the 2007 budget.

**A basic technical training program for PDAM staff from Sibolga, Central Tapanuli District, and North Tapanuli district was held at PDAM Tirta Nauli Sibolga.**



ESP NORTH SUMATRA

**ESP Provide Technical Assistant On Water Treatment Plant Optimization Program Design For PDAM Tirta Nauli, Sibolga.**

**With PDAM Tirta Malem in Karo**, the ESP Environmental Finance Team provided financial analysis assistance in order to complete the PDAM's Corporate Plan. This assistance was in addition to a capacity building training in transmission systems and distribution networks improvement and a program to reduce non-revenue water.

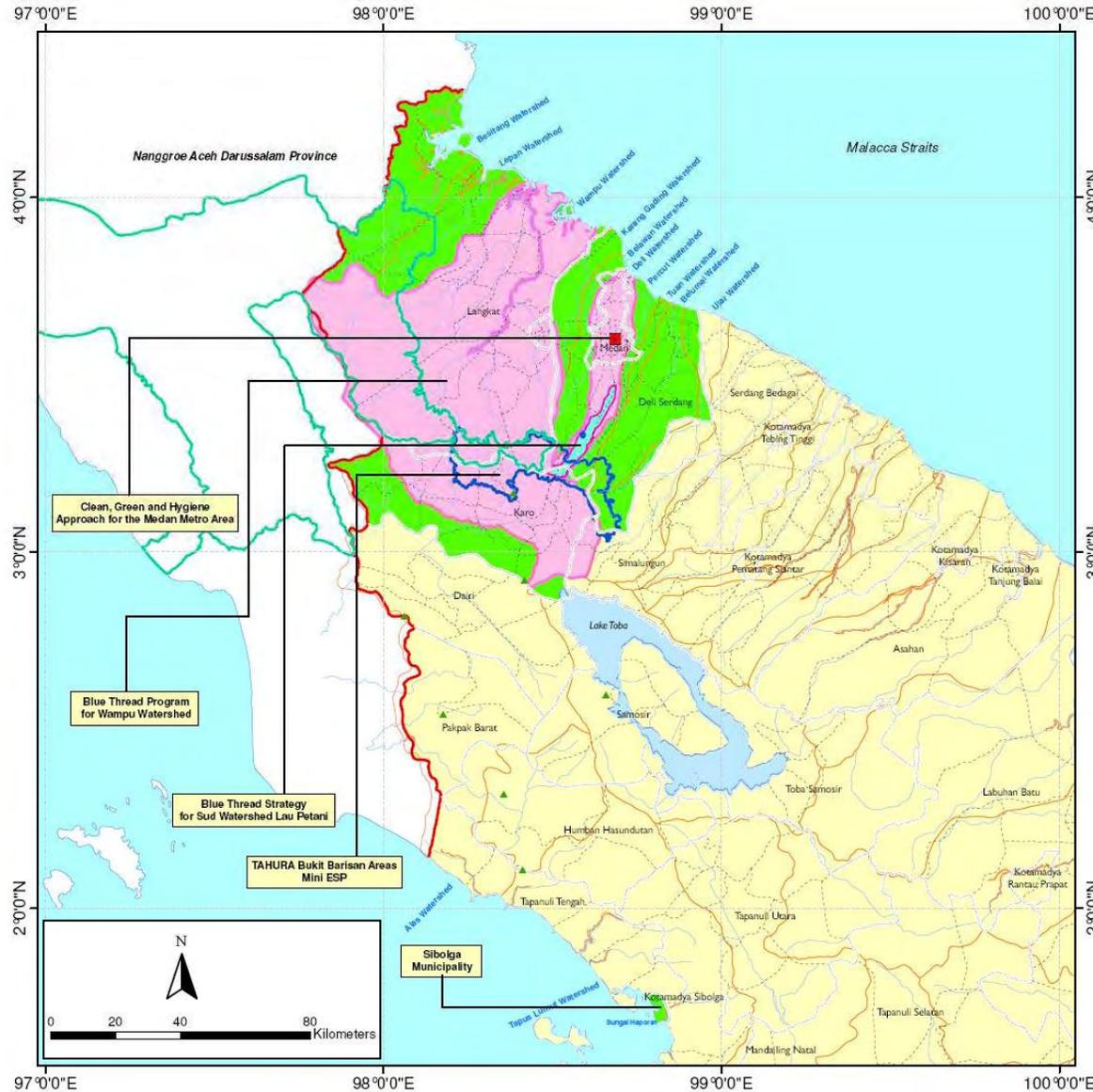
**In Langkat district, the final design for Optimizing the Pangkalan Brandan water treatment plant** was completed by ESP contractor IAPTI. Funds are in the district budget to undertake construction in 2007. Additionally, staff training programs in distribution network mapping, non revenue water, and sub-system optimization were conducted with PDAM Tirta Wampu technical staff.

## OTHER HIGHLIGHTS

- **Results of a study on Payment for Environmental Services (PES)** were presented at a workshop in Medan bringing together leaders from Universities, BAPEDALDA, BP DAS, PDAM Tirtanadi, the Provincial Water Service, PELINDO, and community leaders from the upper watershed to discuss possible initiatives for the Deli River Basin.
- **DPRD Public Hearing on Community-based Sanitation was held featuring ESP supported programs by JKM and SMI-SPS.** The event included visits by DPRD and city agency personal to community sites and a press conference . This activity is geared toward the generation of more funds for sustaining community based initiatives in water and sanitation.
- **Support to flood affected communities in Aceh Tamiang (Sumut Border) in collaboration with SWS and Save the Children.** ESP Conducted health and hygiene training in 3 villages for community members displaced by the floods.
- **ESP provided support to BAPPENAS in organizing a seminar on Raw Water Resources for Medan.** This seminar, which was held at UMSU, brought together leadership from the Water Council, the Water Resource Service, PDAM Tirtanadi leadership, BAPEDALDA, and a variety of academic and outside resource persons to examine possible future strategies for maintaining raw water resources for Medan's future viability.



## Map QPR08 North Sumatra-I. Location of ESP Integration Approach for North Sumatra Region

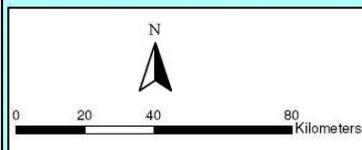


**Legend:**

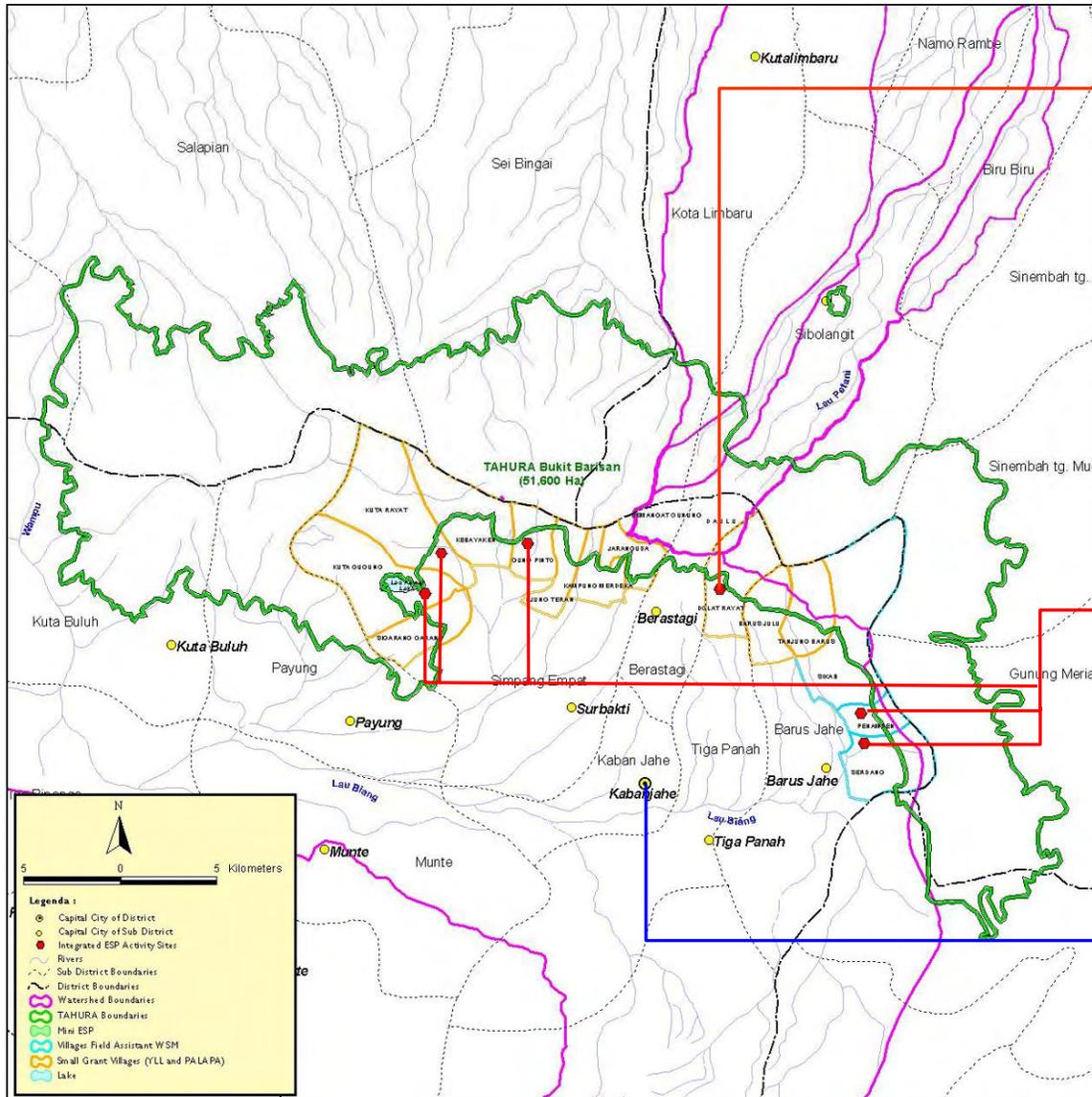
- Province Capital
- ▲ Mount / Volcano
- District Boundary
- Sub district Boundary
- ~ Province Boundary
- ~ River
- ☪ Lake
- ☪ TAHURA Bukit Barisan
- ☪ Gunung Leuser National Park (TNGL)
- Priority district:
 

1. Karo	4. Langkat
2. Deli Serdang	5. Kota Sibolga
3. Kota Medan	6. Kota Binjai
- ☪ Priority Watershed
 

1. DELI	2. WAMPU
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- ☪ Focus Area for ESP Integrated Program Site and Strategy, FY 2007:
  1. TAHURA Bukit Barisan Areas Mini ESP
  2. Blue Thread Strategy for Sub Watershed Lau Petani
  3. Clean, Green and Hygiene Approach for Medan Metro Area
  4. Blue Thread Strategy for Wampu Watershed
  5. PDAMs Institutional Development Program







**Jaranguda, Serdang, Penampen, Merdeka, Gung Pinto, Kuta Rakyat, Kuta Gugung and Dolat Rakyat**



**WS2-1:** Forum Konservasi Tahura Bukit Barisan MoU signed for FKT, Conservation Camp conducted for 300 students from 30 Schools from upper, middle and lower parts of the Deli Watershed.



**WS2-1:** Small Grantee PALAPA Foundation and Sahabat TAHURA community network comprising groups from 7 TAHURA boundary villages conduct training on composting and community Participatory Mapping along the boundary of TAHURA Bukit Barisan



**WS2-1:** Field School conducting field research on citrus trees with Clemson/FIELD A Joint Field Day activity for 2 Sustainable Livelihoods and Watershed Management Field Schools held

**PDAM Tirta Malem Karo**



**SD I-4:** PDAM Tirta Malem training held on Distribution System and non-revenue water  
**SD 2-3:** Training to Improve Efficiency of PDAM branch systems (IKK systems)



**Sayum Saba, Rumah Sumbul, Puangaja, Bandar Baru, Doulu, Sikeben, Martelu and Semagat Gunung Villages**

**Sikeben Village**



**SCI-3:** Ensuring collaboration for diarrhea prevention with health network including *bidan desa*, *mantri*, puskesmas staff, community leaders, and kader posyandu in Sikeben Village, Sibolangit Subdistrict

**SCI-1:** Develop & Implement HH baseline survey and monitoring system in Semangat Gunung and Doulu Villages, Karo District



**WS2-1:** Tree Planting with SD Negeri Sikeben and Training for students of SMPN 1 Sibolangit composting for Tabungan Konservasi initiative. This activity involved 30 students and 2 alumni of Sikeben Field School as trainers



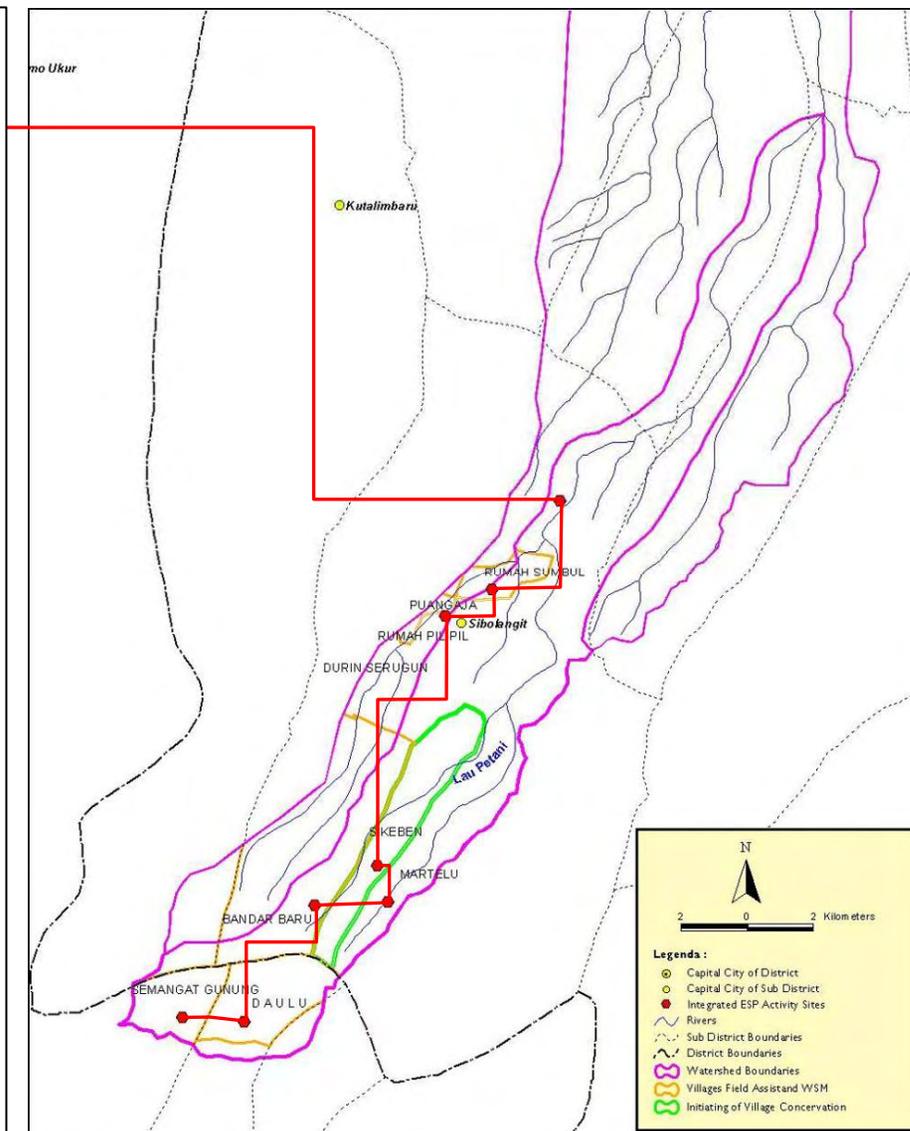
**WS1-4:** 4 Farmer to Farmer Field Schools in Martelu, Sikeben, Batu Mbelin and Sayum Sabah constructed tree nurseries. 5 Sustainable Livelihoods Field Schools across watershed held Field Day programs



**WS2-1:** Collaboration with PT. Aqua Danone and Sibayak Community organizations commenced



**WS2-1:** In Sibolangit ESP, OIC, YES, PUSAKA, FK3LI, GBKP Ate Keleng, Field School alumni and 2 schools launched the "Conservation Fund" program in Sikeben Village, Sibolangit





**Kelurahan Aur**



**SC 3-2:**  
Community Campaign and Action for Clean and Hygienic Environment in *Lingkungan* 3, 4 Of Aur Village

**Sunggal**



**SD 5-3:** Implemented Community-Based Solid Waste System in Sunggal

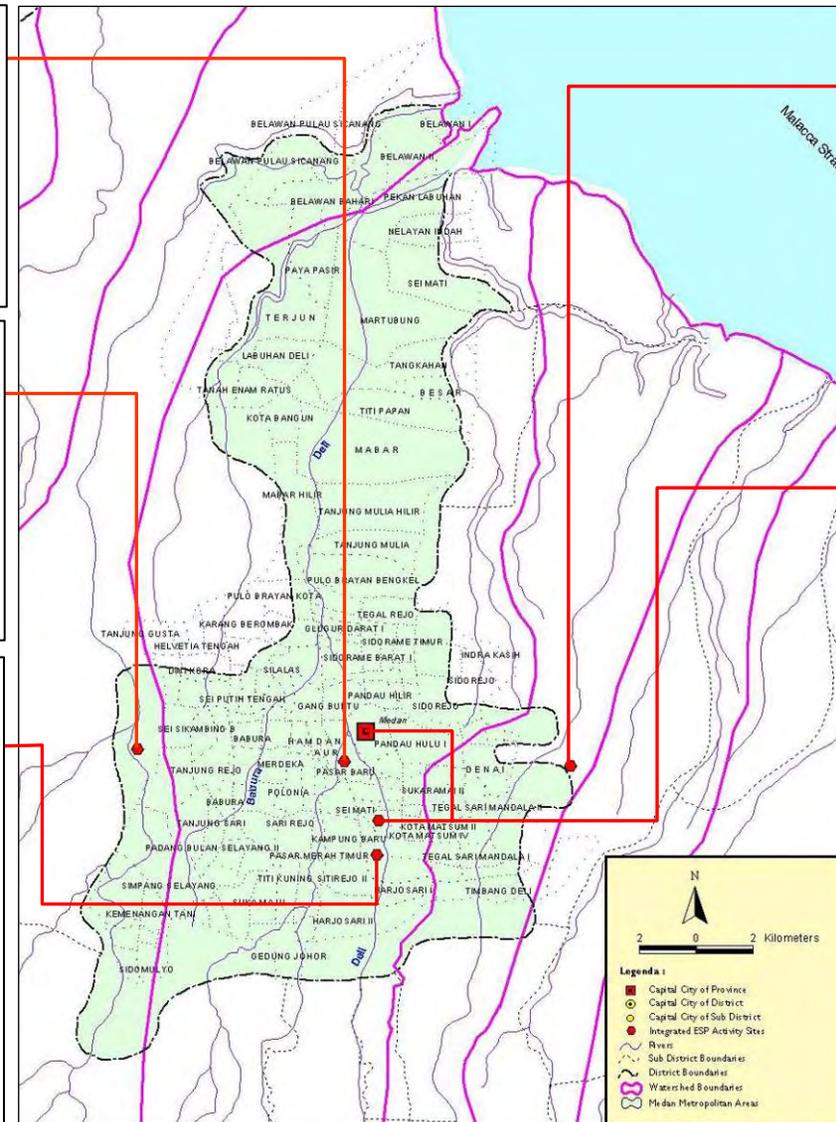
**Kampung Baru**



**SC 3-1:**  
Hand Washing with Soap Campaign by *kader posyandu* for mothers of children under three in Kampung Baru Village - Medan



**SD 4-3:**  
Prepared & Constructed Community Based Sanitation System in Kampung Baru Village - Medan



**Tembung**



**SD 5-2:**  
Comparative study and on-the-job training with BIS Peduli on plastic recycling and 'Bank Sampah'



**SD 5-3:**  
Implemented Community-Based Solid Waste System in Tembung Village

**Sei Mati**



**SD 1-1:** Implemented HH baseline survey and monitoring system in Sei Mati Village



**SD 5-2:**  
Comparative study and on-the-job training to BIS Peduli on plastic recycling



**SD 5-3:**  
Implemented Community-Based Solid Waste System in Sei Mati Village MoU signed with Pesantren Ar-Raudatul Hasanah for s.waste

**SD 1-2:**

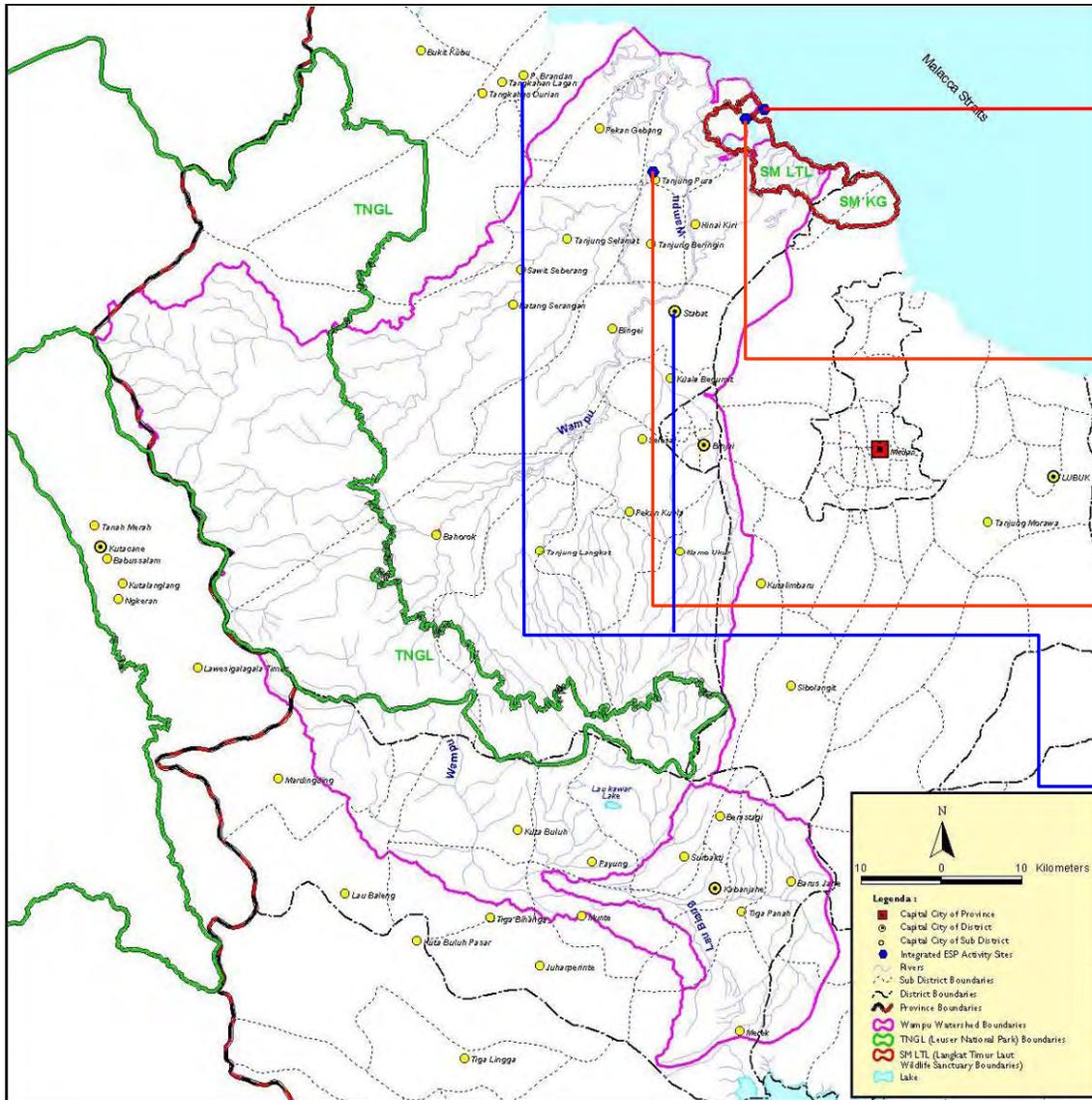
Public hearing and site visit with DPRD Medan for access for water for the poor and sanitation programs of JKM and SMI small grants.





**USAID**  
FROM THE AMERICAN PEOPLE

# Map QPR08 North Sumatra-5. Blue Thread Strategy Update for Wampu Watershed (including Karo and Langkat districts)



### Jaring Halus



**WS 2-1:** Income generating with organic products: mangrove leaf tea, mangrove chips of Jeruju and virgin coconut oil.

### Langkat Timur Laut Wildlife Sanctuary



**WS 2-1:** Tree Planting in collaborative management areas of Langkat Wildlife Preserve

### Suka Maju Village, Tanjung Pura, Langkat



**SD 3-1:** increase water access for water for the poor. PARAS - Small Grant. Community Based Water Supply Training

### PDAM Tirta Wampu Langkat



**SD 1-4:** Training Programs for PDAM Tirta Wampu, Distribution System and NRW Training



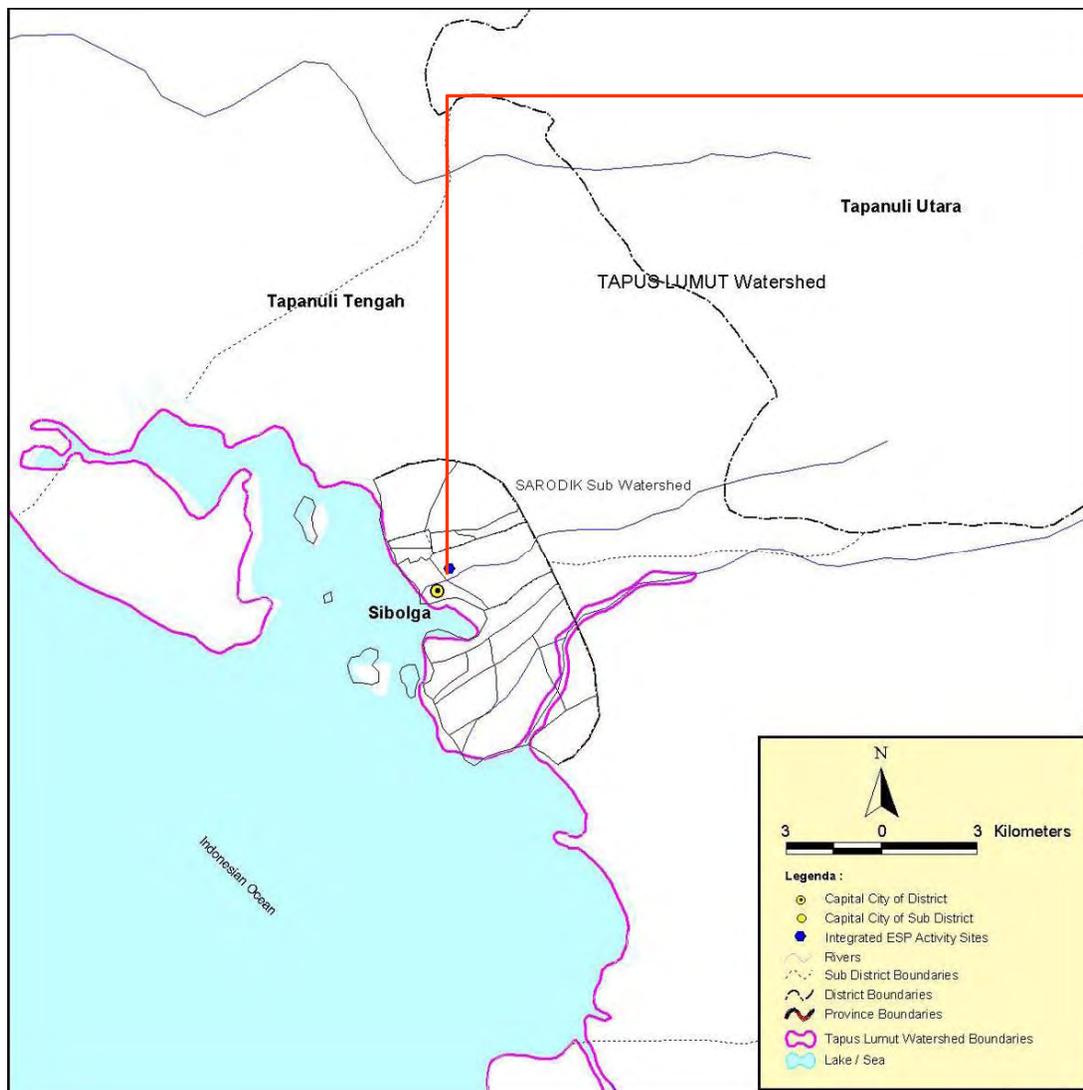
**SD 2-3:** Improve Efficiency of PDAM branch system and Design work for the WTP Pangkalan Brandan





**USAID**  
FROM THE AMERICAN PEOPLE

**Map QPR08 North Sumatra-6.**  
**PDAM Institutional Development Program in Sarodik Sub Watershed**  
**(including Tapanuli Tengah Districts and Sibolga Municipality) in Tapus Lumut Watershed**



**PDAM Tirta Nauli  
Sibolga**



SD I -4 : Training for staff PDAM's from Sibolga, Central Tapanuli and North Tapanuli.

- Completion of the Design for the water Treatment Plant for PDAM Tirta Nauli Sibolga



## SECTION 2.3.

# DKI JAKARTA

### SUMMARY

Following the approach of the previous quarter, for the period of January to March 2007 the ESP's DKI Jakarta program emphasized the strengthening and deepening its ongoing collaboration with USAID partner organizations and programs, while, at the same time, looking for additional opportunities to collaborate with different partners. One example of a new collaboration initiated during this quarter was with USAID's Opportunities for Vulnerable Children (OVC), a program implemented by Helen Keller International (HKI). ESP and HKI will work together to address school-based health and hygiene.

For the HP3/IDRC program, research accompanied by a community pilot program was conducted in RW 13 Kelurahan Penjaringan, focusing on solid waste management. During this quarter, community working groups were established and a series of trainings on composting and recycling were also carried out, followed by a cross visit to two 'ESP communities' in Jambangan and Wonokromo.

The CWPP/GETF program completed the construction of two hand washing with soap stations for two primary schools in Desa Sukadanau, Bekasi that benefit a total of 1,294 students and 31 teachers. Trainings and campaigns on health and hygiene were also conducted for two different target groups: school children and community members, exposing the issues of health and hygiene to more than 500 people.

The "Clean River, Healthy Life" campaign was conducted in Kelurahan Petojo Utara. Importantly, the campaign included tangible, grass-roots action as the community cleaned various parts of the River Krukut for two weeks. A total of 150 people from four RWs participated in the campaign. This event clearly raised the awareness of the communities involved, as evidenced by the declaration of a joint-commitment for a health and hygiene improvement following event completion.

To support the implementation of the MMC 5 and MMC 6 campaigns, two media discussions were held during this quarter. The two main themes of the discussion were, "Combating Diarrhea through Improved Access on Water and Sanitation," (in cooperation with UNDP), and "Coping with Water Scarcity" (in cooperation with AMPL/WASPOLA and FORKAMI for the commemoration of the World Water Day 2007).

## INTRODUCTION

Following the approach of the previous quarter, for the period of January to March 2007 the ESP's DKI Jakarta program emphasized the strengthening and deepening its ongoing collaboration with USAID partner organizations and programs, while, at the same time, looking for additional opportunities to collaborate with different partners. One example of a new collaboration initiated during this quarter was with USAID's Opportunities for Vulnerable Children (OVC), a program implemented by Helen Keller International (HKI). ESP and HKI will work together to address school-based health and hygiene.

The active engagement of relevant government agencies is another important result that was successfully achieved during the reporting period. The Office of the Mayor of North Jakarta and the North Jakarta Planning Agency (or *Badan Perencanaan Kota*, BAPEKO), for example, are involved in the International Development Research Center (IDRC) funded program "Healthy Places, Prosperous People (HP3)." Known locally as "Program LESTARI" (*Lingkungan Sehat Masyarakat Mandiri*), HP3 is executed by Mercy Corps, ESP, Urban and Regional Development Institute (URDI) and SwissContact. Also, the office of the Mayor of Central Jakarta and lower level government officials such as Camat of Gambir District and Lurah of Petojo Utara Sub-District voluntarily share responsibility to support one of USAID's integrated community in RW 08, Petojo Utara.

In this quarter, the work of ESP DKI Jakarta focused on four important USAID integrated sites: Petojo Utara, Penjaringan, Jembatan Besi and Desa Kalijaya, Bekasi District. Minor activities and support were also carried out for a school-based program with DBE-I and a Puskesmas-based program with HSP in two integrated sites: Kramat-Menteng and Menteng-Gambir.

Finally, ESP DKI Jakarta helped to support ESP's Strategic Communications team in conducting two media discussions and site visits on "*Combating Diarrhea through Improved Access on Water and Sanitation*" (in association with UNDP) and "*Coping with Water Scarcity*" (in association with AMPL/WASPOLA and FORKAMI) for the commemoration of World Water Day 2007.

## INTEGRATED ESP SITES

### **Clean, Green and Hygiene Integrated Program in Kelurahan Penjaringan, North Jakarta.**

During the reporting period, HP3/Lestari completed its monitoring and evaluation plan (utilizing an outcome mapping approach), conducted participatory assessment and training on solid waste management, and finalized the participatory design for the first pilot project in one of the communities. All RWs of HP3/Lestari study areas (RW 8, 12, and 13 of Kelurahan Penjaringan, North Jakarta) have established their working groups, known as *Kelompok Kerja (Pokja)*. The membership of the *Pokja* generally consists of the RW leader, RT leaders, women cadres, and youth groups. The working group will work closely with the City Team to conducting the various phases of HP3/Lestari.

Improvement of the community solid waste system has been chosen as the first HP3/Lestari pilot project. In addition to achieving a cleaner and more hygienic environment, the pilot project will also demonstrate the economic benefits of recycling waters. to achieve. To begin, the City Team decided to focus on RW 13. The team completed eight days of household solid waste sampling, which yielded a waste generation rate of 0.21 kg/capita/day and a composition of 70% organic waste. Similarly, community resource mapping and

sketching were conducted to better understand existing solid waste practices as well as the local institutional capacity and willingness to participate. A market assessment was also been carried out to support the market linkage of the solid waste based products.



DINI TRISYANTI/ESP JAKARTA

Women cadres and youth groups of RW 13, Kelurahan Penjaringan carried out simulation of solid waste sorting and shredding of organic waste to be composted during the composting training.

Based on the assessment results, the *Pokja* of RW 13 has chosen to improve both organic and non-organic solid waste management. The youth group in particular demonstrated great commitment and enthusiasm during the assessment activities, and was also eager to integrate the recycling of non-organic solid waste into their art division program. A training on composting was conducted to improve the community's skills and knowledge on the practicalities of composting, while also empowering them to select the most appropriate system to be applied. A cross visit of RW 13 *Pokja* members to Wonokromo and Jambangan, Surabaya was carried out from March 26-29, 2007 for the same objective, but with a particular focus on non-organic solid waste recycling.

### USAID Anchor Site in Cikarang Barat, Bekasi.

After completing the improvement of 22 shallow wells, the field activities of Community Watershed Partnership (CWPP) a program implemented in partnership with Coca Cola known locally as *Cinta Air*, moved forward with the second phase of water and sanitation program: construction of school hand washing with soap stations for two primary schools and installing of communal sanitation systems (also known as MCK, or *Mandi, Cuci, Kakus*).



MOHAMMAD HAFIZ/ESP JAKARTA

Teachers in SD Sukadanau 05 participated for the construction the hand washing station. District Education Office also contributed in providing the water tower and plastic water reservoir with storage capacity of 500 liters.

The construction of hand washing station was completed in mid-March, benefiting a total of 1,294 students plus 31 teachers from the two schools in Desa Sukadanau.

The *Cinta Air* team has also finalized the design of communal MCK for installation in Desa Kalijaya. A total of 6 MCKs will be built in Desa Kalijaya, serving around 500 people. The MCK construction will be carried out in collaboration with the District Health Office (or *Dinas Kesehatan*), with the *Dinas Kesehatan* donating one of the six MCKs. The first three locations for the MCKs have been identified, with an agreement already reached between the community groups and land owners. The land-owners voluntarily donated their lands for these public facilities.

In terms of “software” intervention, the field team conducted a series of campaigns and trainings on safe water, solid waste, water conservation and health and hygiene issues for the two targeted communities, namely, school students and community members. Illustrative events included composting training, the “Sunday Clean” event, and water testing day. The field team also developed training materials with community cadres, including posters, songs and scripts for *lenong*, a native Betawi comedy performance. The materials and songs all convey different important messages concerning health and hygiene.

Supported by a team from Coca-Cola Foundation Indonesia (CCFI), *Cinta Air* also conducted a series of Multi-Media Campaign (MMC) events including regular radio talk shows, media visits, and World Water Day event with senior high school students.



YESI MARYAM/ESP JAKARTA

Common habits of littering garbage into an empty land, gutter and drainage canal was proven to be a dangerous practice. During the heavy rainy season in February 2007, gutters were blocked and water had brought back all the garbage into the front yard. Sunday clean event has raised the awareness of the community to start practicing a proper solid waste management.

### USAID Anchor Site in Petojo Utara and Jembatan Besi

Following the Posyandu cadre training conducted during the last quarterly period, ESP DKI Jakarta helped to support a baseline data collection on health and hygiene in January 2007. Four cadres from two communities (RW 08 Petojo Utara and RW 04 Jembatan Besi) were able to collect 100 feedback forms from mothers with children under three years old. This will be a regular, biannual activity, with the next round of data collection to be held in August 2007.



MERCY CORPS INDONESIA/JAKARTA

One of the most common behaviors of urban population living along a river is using the river as a garbage dumpsite resulting in a degraded water quality, sedimentation, damaged river ecosystem and biodiversity and flooding which just happened recently in early February 2007.

The community of RW 08 Petojo Utara has been very successful in motivating its members to start adopting good hygiene practices. One of their regular monthly activities is to clean the River Krukut that runs passed 4 RWs in Kelurahan Petojo Utara. Seeing the success and the good impact of this program, the other three RWs located downstream of this community are now planning to replicate the monthly cleaning in their respective areas. In order to celebrate this initiative, three USAID funded programs (ESP, SWS and FSN/Mercy Corps) supported a community initiated two-week campaign on “Clean River om January 21 until February 4, 2007. A total of 150 people participated in the campaign. which was later followed by a ceremonial event for the groundbreaking of the MCK on April 1, 2007. These events clearly raised the awareness of the communities involved, as evidenced by the subsequent declaration of a joint-commitment for a health and hygiene improvement.

**Think Nationally, Act Locally in DKI Jakarta City-Wide for Supporting POC National Campaign.**



ALWIS RUSTAM/ESP WEST JAVA

During the 20 minutes walk along the neighborhood, journalists were able to see all the environmental burdens, such as contaminated water supply, overloaded litter bin and dumpsite, poor sanitation and drainage system and poor air circulation, faced by a highly dense and poor housing area of RW 12 Kelurahan Penjaringan.

To support the implementation of MMC 5 “Clean Water for Healthy Life”, ESP DKI Jakarta supported ESP’s Strategic Communications team in conducting a media discussion on “Combating Diarrhea through Improved Access on Water and Sanitation.” This discussions was then immediately followed by a site visit to RW 12 Kelurahan Penjaringan, one of USAID’s integrated sites with UNDP. A total of 46 invitees and journalists participated in the discussion and site visit.

To commemorate World Water Day 2007, ESP, AMPL/WASPOLA, and FORKAMI conducted a media discussion and site visit as part of MMC 6 campaign on “Coping with Water Scarcity.” UN MDG Ambassador for the Asia Pacific Region, Ms. Erna Witoelar, during her keynote speech mentioned that there has been delay in achieving the Millennium Development Goals in Indonesia. By 2015, Indonesia is targeting a population coverage of 69% for water supply and 72.5% for sanitation. Until 2007, Indonesia is only able to provide safe access to water for 18% and 45% for sanitation. In order to meet the target, Ms. Witoelar emphasized that all parties must be involved and working hand in hand, not only the government but also the private sector and the citizenry.

**OTHER HIGHLIGHTS**

**Workshop on Puskesmas Facility Assessment**

In partnership with SWS and HSP, ESP conducted a workshop with doctors, nurses, and midwives to disseminate the results of the Puskesmas Facility Assessment on health and medical facilities and water and sanitation facilities of 7 Puskemas in Kecamatan Gambir and Menteng. The District Health Office (Sudinkesmas) of Jakarta Pusat helped to facilitate and host this workshop, which was attended by 41 representatives from 9 Puskesmas in Kecamatan Gambir and Kecamatan Menteng and the representatives of the District Health Office. The head of the Environmental Health Section from the District Health Office, Ms. Dini Wardhani, mentioned that it is important to improve the performance of the existing water treatment plant. Specifically, the Puskesmas would need support from an expert team to help them improve the capacity of the personnel to properly manage hazardous and infectious waste. One of the main problems of Puskesmas is the financial and budget limitation, not only to build a new waste water treatment system but also for maintaining the existing one. No funding is presently budgeted for water treatment.

**Workshop on Finalization of School Development Plan**

ESP and SWS participated in a DBE workshop on the finalization of School Development Plans. As observers and invitees, representatives of ESP and SWS were able to identify the school plans that relate to water and sanitation issues. At least three schools expressed their interest to conduct environmental programs to improve student hygiene behavior and implement school-based planting and greening activities. However, this collaboration would require close coordination, both within the USAID partners (DBE-I, ESP and SWS), as well as with the seven DBE-I schools which are now managed fully under the DBE-I program umbrella.

## Map QPR08 Jakarta-I. ESP Integrated Approach Update for DKI Jakarta Region

### Clean Green & Hygiene Integrated Program in Kelurahan Penjaringan, North Jakarta

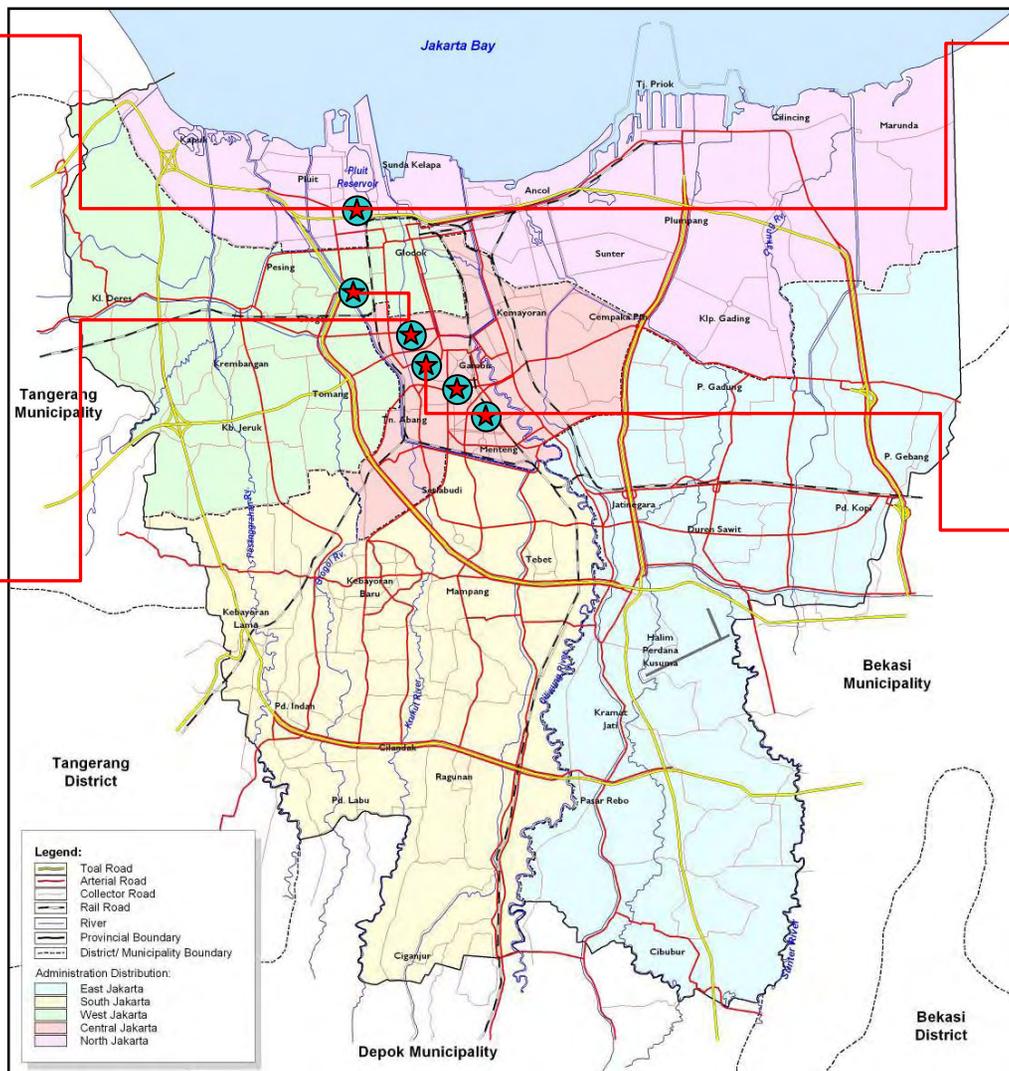


During a site visit to Wonokromo and Jambangan, community cadres of Penjaringan learned how to make handy craft from non-organic waste. HP3 program had also done research on solid waste characteristic & market linkage for the first pilot program in RW 13.

### USAID Anchor Site in Petojo Utara & Jembatan Besi



ESP supported a community campaign on "Clean River, Healthy Life" followed by a peak ceremonial event for MCK groundbreaking and declaration of a joint commitment for a health and hygiene behavior witnessed by local government official: Mayor Central Jakarta, Mr. H. Muhayat and USAID representative, Ms. Trigeany Linggoatmodjo.



### Think Nationally, Act Locally in DKI Jakarta City-Wide for Supporting POC National Campaign



ESP DKI Jakarta help to support POC national campaigns. A media discussion and visit was conducted to one of USAID integrated site in RW 12, Kelurahan Penjaringan.

### Workshop on Puskesmas Facility Assessment



Total 41 doctors, nurses, midwives and representatives of the District Health office took part on a workshop conducted by ESP, SWS and HSP. The workshop disseminated the results of assessment done for 7 Puskesmas in Kecamatan Gambir and Menteng. Not only the health facilities that were assessed, ESP and SWS jointly did an assessment for water, sanitation and solid waste part for those Puskesmas.



## Map QPR08 Jakarta-2. ESP Integrated Approach Update for Cikarang Barat Sub-District, District of Bekasi

### School-Based Program: Water Testing Day

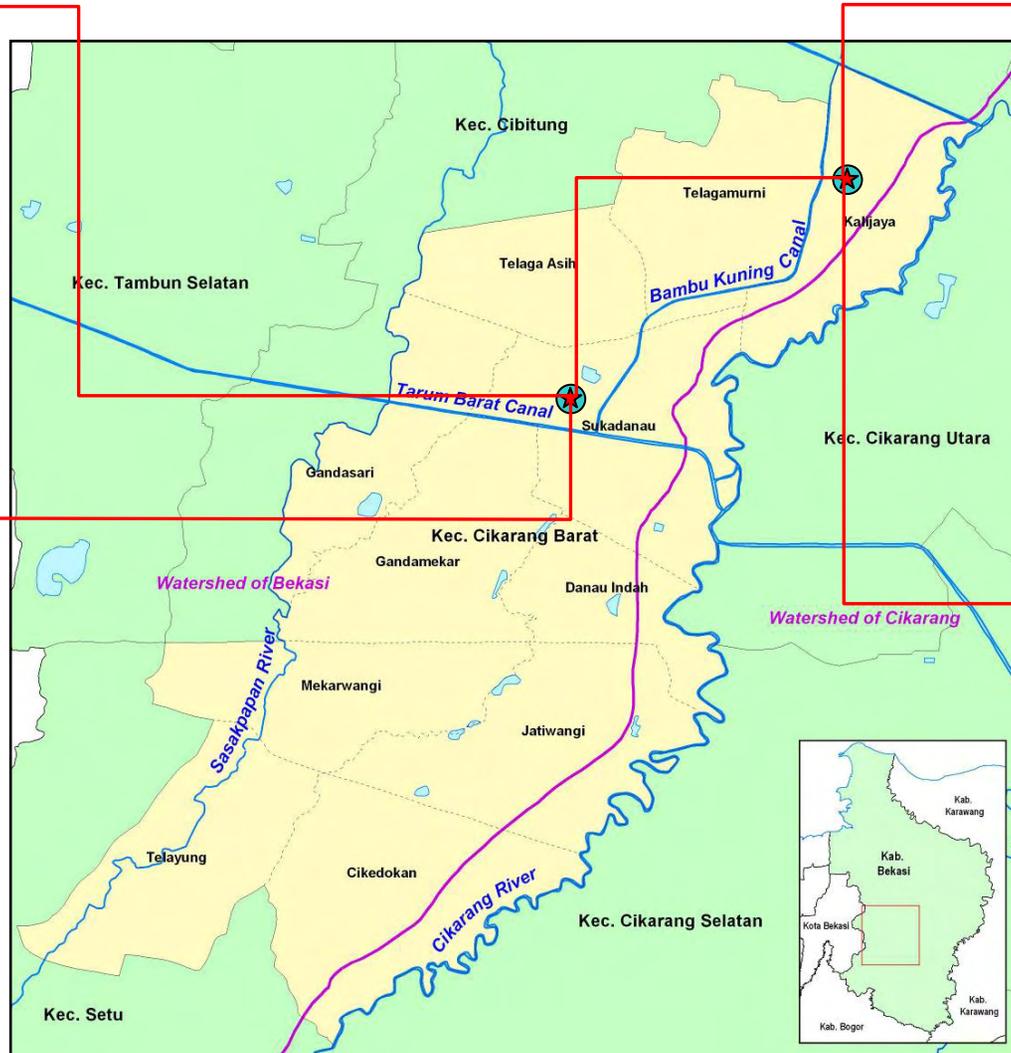


Cinta Air Program conducted series of campaign with school students in Sukadanau dan Kalijaya on different hygiene behavior: hand washing with soap, safe drinking water (Water Testing Day), waste separation and environmental conservation.

### School-Based Program: Construction of Hand Washing Station



Cinta Air Program completed the construction of two hand washing with soap stations in two schools in Desa Sukadanau that benefit 1,294 students plus 31 teachers. It is in-line with Cinta Air target of a positive behavior change as it provides tools for students to actually practice hand washing with soap, one of the hygiene messages that were repeatedly conveyed through a series of campaigns for the students.



### Community-Based Program: Solid Waste Separation and Composting Training



Total 26 women and cadres from Desa Kalijaya participated in a two-session training on solid waste management, starting with garbage identification and separation, composting and alternative method on recycling non organic waste plastic and paper. Takakura composting method was also introduced during the training.

### Community-Based Program: Preparation for MCK Construction



Cinta Air team is now preparing for the construction of 6 public MCK, which one of them is donated by Dinas Kesehatan, through Puskesmas. Design has been finalized and the first three locations have been identified. Agreement was settled during one of the community meetings.



## SECTION 2.4.

## WEST JAVA

## INTRODUCTION

During the period of January-March 2007, ESP West Java strived to increase programmatic integration at each ESP site and achieve tangible results at the grassroots level. In the up-stream areas, the following results were achieved during the reporting period:

- A total of **368,534 trees** were planted across **1,171.32 hectares** of land. This included: (1) 171.7 ha (68,649 trees) through the (Rehabilitasi Hutan dan Lahan Partisipatif – Community Forest Land Rehabilitation) RHLP program, (2) 657.7 ha (197,335 trees) through the planting drive by the Community Networks (Foresta and Jampedas), (3) 62.3 ha (19,000 trees) through the District Level Planting Drive, (4) 40 ha (12,000 trees) through the Cugenang Subdistrict Planting Drive, (5) 65.7 ha (19,700 trees) through the Pacet Subdistrict Planting Drive, (6) 6.2 ha (1,850 trees) through the Planting Drive by the PT Puncak Resort private company, (7) 66.7 Ha (20,000) through the Individual Planting Drive by Ir. Heri, (8) 100 Ha (30,000 trees) through the Individual Planting Drive by Makbul, and (9) 250 ha through planting drives by the communities and government agencies in 25 subdistricts.
- The total amount of funds leveraged through the RHLP Program was **Rp 5,050,324,000**. This amount represents approximately 7 times the amount disbursed.
- **9 Memorandums of Understanding (MOUs)** were executed towards improved land management. The regional breakdown is as follows: 4 MOUs for planting activities in Cirumput, 2 MOUs in Cibodas-Pacet, and 3 MOUs with Sukaresmi RHLP.
- District-level Policy continued to develop through the execution of **Local Regulation Number 3 of 2006 in Cianjur**, which obligates every Civil Servant (KORPRI member) in the District to plant at least ten trees a year. Cianjur has approximately 17,000 civil servants.
- **75 families** in Padlaluyu village no have improved access to clean water thanks to the installation and testing of a Hydramp pump on March (in cooperation with the Bandung Polytechnic). Previously, the families had considerable difficulty obtaining clean water due to their high-elevation location.

Similarly, ESP continued to have considerable impact in the downstream/urban areas of the Province. In Kabupaten Bogor, for example, ESP assisted the PDAM in undertaking a raw water survey as well as achieving a corporate credit rating from domestic rating firm Pefindo Ratings Indonesia. An important step towards the issuance of a corporate bond, Bogor will be the first publicly operated water utility in Indonesia to achieve a rating.

In the City of Bandung, communities are undergoing genuine behavior change concerning the disposal of solid waste. In the Kelurahan of Tamansari, for example, residents have abandoned the habit of throwing waste away in the river and are beginning to sort their garbage into organic and inorganic waste. Some inorganic waste is even being recycled into handicrafts.

Finally, the Public Outreach and Communications (POC) activity for this quarter was a multimedia campaign entitled, “Defecation is No Longer a Private Matter: Time for Community-based Sanitation”. The campaign was conducted in collaboration with the EPS’s Health and Hygiene and Environmental Services Delivery teams. The POC team also

engaged mass media in other program activities, including a Planting Drive in Cianjur, the Handwashing with Soap Campaign in Bandung, the Communication Program Capacity Building for PDAM in Bandung and Cianjur, and the Microcredit Program for new connections in Subang.

## UPDATE ON WEST JAVA INTEGRATED SITES

### **Cikundul-Cilaku, Cinajur Anchor Sites**

In Cianjur this reporting period, ESP held a Field School (FS) for land rehabilitation consisting of a series of conservation activities within the Cikundul and Cilaku watersheds. The water from these critical catchment areas flows into the Citarum watershed. Moreover, the Cirata-Jatiluhur dam functions as an electricity source for millions of people, a source of irrigation water for thousands of hectares of rice fields in the northern coast of Java, and a drinking water source for millions of people who live in Jakarta. To maintain sustainability and guarantee quantity of the water that flows into the Cikundul-Cilaku sub-watershed, the West Java team, in conjunction with local stakeholders, conducted a 298,035 tree-planting activity on a land of 993.45 Ha along the sub-watershed.

A Trash Management Workshop was held for 13 villages in the Cilaku Cikundul watershed and one *kelurahan* recommended by the Cianjur District Local Government. 29 trash management cadres participated in the workshop at their respective villages. The workshop provided an understanding to the communities on community-based trash management.

ESP, in cooperation with the Cianjur Bina Sehat Sejahtera Foundation (YBSS), conducted a compost-making and inorganic trash recycling workshop that was attended by 36 cadres from three villages: Mangunkerta, Nagrak and Sukamaju. After the cadre training, Nagrak village made composters and distributed them to 20 housewives so that they could make a compost from inorganic waste in their homes. Furthermore, 60% of the locals in each village took part in the trash sorting program.

The Cianjur Ulema Network Symposium (1<sup>st</sup> and 2<sup>nd</sup> rounds) was also completed in this quarter. Supported by community and religious leaders, this event helped mobilize the community members to actively participate in ESP's sowing and seeding program.

Kampung Tanjakan is located in the Village of Padaluyu in Cianjur District (within the Cikundul-Cilaku sub-watershed). The community in this kampung had difficulty finding clean water, forcing them to haul water from as far 1 kilometer away to fulfill their daily water needs of 40 liters. In cooperation with Bandung Polytechnic, ESP and the local community built hydramp pumps to bring water to the Kampung. Located approximately 370 meters away (and 47 meters lower in elevation), the water source was equipped with a 25-mm diameter PE type transmission pipe. Water first enters the pump with a 4-5 liter per second capacity and flows to the Tanjakan Kampung at a rate of 2 liters per minute, where it is collected in a reservoir. Around 75 families now benefit from this system.

### **Think Nationally, Act Locally in Cikundul and TNGP**

The (Rehabilitasi Hutan dan Lahan Partisipatif – Community Forest Land Rehabilitation) RHLP Model—which resulted from a collaboration with the Forestry Department, IPB, the Cianjur Local Government, communities and ESP—was the main activity in this quarter. The results of this activity were as follows:

- I. The formation of 6 farmer groups (30 farmers per group) who were actively involved in RHLP FS activities;

2. The planting of 68,649 trees over 171.6 ha (out of the planned target of 250 ha). The types of trees planted were wood and fruit-bearing trees.
3. At least 10 types of farming studies were conducted. (Coffee leaf cutting study, root cutting study, coffee trunk cutting study, coffee direct planting study, goats-cows-chicken compost fertilizer study, rice husk coal use study, coconut seedling peeling study, coconut seedling hanging study, *petai* seedling tip cutting study, *gamelina* seed immersion study, *albasiah* immersion study, etc.)

The positive impact from the RHLP activities included:

1. The total amount of funds leveraged through the RHLP Program was **Rp 5,050,324,000**. This amount represents approximately 7 times the amount disbursed.
2. One impact of the RHLP activities was the contribution of the Cianjur local government's services. For example, the Public Works Service constructed roads (1000 meters) and clean water facilities (3 units); the Agricultural Service assisted the corn FS (2 units) and Mushroom Cultivation FS (2 units) and Bee Farming FS (120 hives). The Animal Husbandry Service and Fishery Service also provided assistance.

In addition to the RHLP activities at this location, biodiversity conservation activities were conducted through a field school for four conservation villages: Kebun Peuteuy and Sukatani in Cianjur District, Lemah Duhur in Bogor District, and Sukamaju Village in Sukabumi district. The farmer groups involved in the field schools included the Puspa Lestari Farmers' Group in Sukatani Village, Marpelin in Kebun Peuteuy Village, Environmental Envoys in Lemah Duhur village, and Alastri in Sukamaju village. In addition, village regulations on conservation and rehabilitation were prepared in Kebun Peuteuy village and Sukatani Village.

### **Blue Thread in Cikapundung Sub-Watershed, Bandung**

Field School (FS) participants were encouraged to express, analyze, and draw conclusions from field observation and discussion on issues regarding key components in the watershed ecosystem in their area. The villages that completed this phase were Wangunharja, Cikidang, and Suntenjaya. The next step of the Field School process was to fine-tune the activity plan to determine immediate priorities, as well as what targets would require support from multiple stakeholders such as the government, the private sector, and others. The themes of the action plans were classified based on the "watershed ecosystem" components in their respective areas.

Participants from FS Wangunharja Village in Cikapundung Watershed, for example, recommended tree planting and hardwood tree/productive crop seeding in 10 ha of farmer-owned land and 30 ha of Perhutani land, as well as the terrace-making on the farmland. In the sanitation and health sector, FS participants requested training on composting and waste management, herbal gardening, as well as building a bathing, toilet and washing facility (MCK). For physical infrastructures, participants highlighted the inadequacy of drainage systems and trash dump facilities. FS participants also included the communal cleanup of roads and household waste drainage in their action plan.

The Coalition for Healthy West Java (KujBS), an ESP partner in the implementation of the Community-Based Trash Management Program, provided counterpart assistance to the community in RW 15 and RW 20 in Bandung. KujBS also conducted a Posyandu (community health post) festival in conjunction with Posyandu cadres. The event featured an exhibition of trash processing products such as compost, trash bins, and inorganic trash recycling products. In addition, a public outreach activities was held that included an essay

composition on environmental cleanliness, an art competition featuring recycled inorganic waste, and a coloring contest for 4,000 elementary school students in Tamansari Kelurahan.

In support of the Clean Cikapundung Program, the Bandung City PDAM prepared IDR. 500,000,000 in funds to build 2 communal septic tank units. ESP, in cooperation with BEST, previously evaluated the design, which will be constructed in Pasirluyu Village, Regol Subdistrict.

Working with the Coalition for Healthy West Java, ESP organized a Health Festival in Tamansari Kelurahan, Bandung aimed at promoting the importance of handwashing with soap, especially for families with children below three years old. The Health Festival also included a component on trash management at household level, emphasizing the concept of reduce, reuse, and recycle (3R). Around 450 people participated in the event.

### **Blue Thread in Cileuleuy–Cilamatan sub-watershed, Subang**

As a follow-up to the Field School activities in Cijambe Village to protect spring water for their village, ESP conducted a hardwood tree planting activity involving 200 participants from various sectors such as government, entrepreneurs, and the general public. This event was organized in association with MAPAS, the Subang Community for the Environment. The tree seedlings were obtained from both the government and the private sectors. Around 6,500 mahogany seedlings were planted over an area of 15 ha. In his opening remark, the Head of the Subang District Forestry and Plantation Office said that the government will provide 50,000 seedlings to support the MAPAS initiative.

Also related to the Field School activities, ESP implemented a stakeholder workshop to communicate the field school action plan concerning public health, hygiene, and water source protection. The workshop was intended to garner citizen support for the proposed activities. ESP’s Health Communications team also conducted a behavioral change training for 30 cadres from posyandu, PKK, community leaders, and religious leaders in Cijambe. This activity was expected to enhance the proficiency of participants to communicate the importance of hygienic behavior, especially handwashing with soap, community-based trash management, point-of-use water drinking, and water source protection.

### **Clean, Green, and Hygiene in Mekarjaya Village**

EPS’s Strategic Communications team carried out a stakeholders workshop in Mekarjaya Village to disseminate the importance of handwashing with soap, defecating at the appropriate location, and improved access to clean water. The workshop was attended by 35 people, including cadres from posyandu, PKK, village midwives, village officials, farmer groups, and community leaders. At the end of the event, the community drew up a follow-up plan on concrete activities, including a handwashing with soap campaign, the development of pilot-project to construct a toilet that met health standards, and the repair of the clean water supply system from the community’s water source to the residential area.

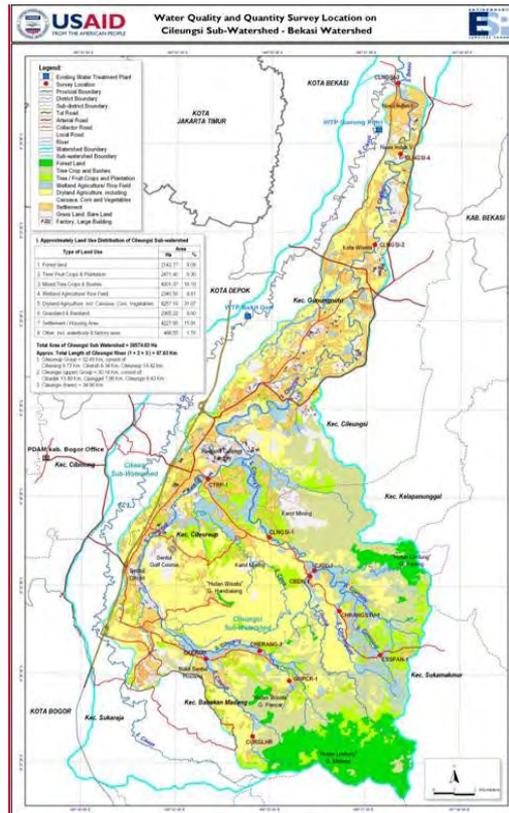
### **Think Nationally, Act Locally in Kabupaten Bogor**

ESP continued to provide a comprehensive package of assistant to PDAM Kabupaten Bogor this quarter. Notably, ESP worked with the PDAM to achieve a credit rating from PT Pefindo Ratings Indonesia. After conducting a joint tender with the PDAM, Pefindo was selected based on its extensive experience in corporate ratings in Indonesia as well as its competitive price. The achievement of a credit rating –which is expected to be completed the first week of

The achievement of a credit rating for PDAM Kabupaten Bogor represents a milestone for water utilities in Indonesia in that it will be the first publicly operated water utility in the country to achieve a rating.

April 2007 – represents a significant milestone for water utilities nation-wide in that it will be the first publicly operated water utility in the country to achieve a rating. Moreover, the rating is a necessary step for the PDAM towards obtaining alternative financing through the domestic capital market, which will also be a first for publicly operated utilities across the country. Thus, the work in Bogor could truly have national implications.

In addition to alternative financing, ESP also provided assistance to the PDAM to improve operations (see “PDAM Institutional Development Program” below) as well as in the management of its raw water supply. Situated in a rapidly “suburbanizing” area, the health of the rivers that deliver the invaluable raw water supply are increasingly under pressure due to land use changes. To help the PDAM better understand the status of its raw water supply, ESP conducted a hydrological survey of two sub-watersheds in the Kabupaten. The study included land use analysis using GIS, as well as data gathering on the quantity and quality of the water in the respective watersheds. As part of the survey, ESP also included PDAM staff training on measurement of water quality and quantity. The PDAM will therefore be better equipped to conduct similar analyses in the future as they continue to consider options for the development of clean water production capacity for the community.



GIS ESP WEST JAVA  
**A land use analysis of the Cileungsi Sub-Watershed in Kabupaten Bogor. The Sub-Watershed is being considered as a future source of raw water for the PDAM.**

**PDAM Institutional Development Program**

One of the main activities in this quarter was the implementation of the household census in Bogor Municipality for both PDAM customers and non-customers, which was done jointly with the PDAM and implemented by Pakuan University. The total number of households to be surveyed is approximately 30,000, and the fieldwork for 10,000 households was already completed by the end of the quarter. The remaining 20,000 households will be surveyed by end of April, after which the PDAM will use the results to improve their customer database, increase billing efficiency, implement a meter replacement program, and expand new connections to the non-customers which expressed interest in PDAM connection.

ESP is also collaborating with PDAM Cianjur to jointly conduct a household census. In this case, however, the focus of the 22,000 household census is the reclassification of customers from a single tariff group into three tariff groups (low, medium, and high income, respectively). This tariff differentiation will, on one hand, increase PDAM revenue, while also providing a cross-subsidy between higher and lower income groups. A competitive tender for local institutions was already completed, and the winning institute, Suryakencana University, was awarded the contract. Fieldwork is planned to begin early April of 2007.

Four PDAMs in West Java—PDAMs Kab. Subang, Kota Bandung, Kab. Cianjur, and Kab. Bogor—have requested ESP to support them with the development of Standard Operating Procedures (SOPs) for their technical, customer service, and financial procedures. Examples include meter reading, billing, stock management, customer handling, replacement meters, new connections, and budgeting. ESP support (from both the Environmental Services Delivery and Environmental Finance Team) is helping the PDAM staff to identify and write down their own procedures in a logical sequence, using flowcharts and diagrams. Using this technique, the staff of PDAM Subang have already completed more than 40 SOPs during the reporting period. These can now be used as examples for other locations.

## OTHER HIGHLIGHTS

- **Collaboration on Regional Standard Water Source Management in Greater Bandung.** The PDAMs of Bandung City, Bandung District, Subang District, and Sumedang District initiated an innovative concept to enter into a collaboration of 4 PDAMs for the management of inter-regional raw water sources to meet their present and future raw water needs. ESP strongly supports this initiative, as an excellent example of the integration of upstream-downstream and potential to link this later with a PES program. The four participating PDAMs already have shown their commitment by preparing and signing a joined MoU. Because this is a new and complex initiative, substantial TA will be required and therefore ESP approached ADB to support the preliminary feasibility study; ADB has agreed to provide US\$ 50,000 for this initiative and ESP is now supporting the four PDAMs to prepare a detailed proposal to be submitted to ADB in May 2007.
- **World Water Day.** The culmination of the World Water Day commemoration was held in Cianjur District and Bandung City. The activities in Cianjur district, a collaboration between the Cianjur District Government, Cianjur District PDAM and FKS (Cianjur Healthy City Forum) included tree planting by the Cianjur Regent, leisure bike ride involving junior high school students from the entire Cianjur and screening of films on water as a learning means for the junior high school students. The activities in Bandung to commemorate the World Water Day included a two-day Cikapundung river water quality and quantity measurement in collaboration with K3A and high school students.
- **Profile of ESP Field School Participants,** Wangunharja Village, Lembang Subdistrict, Bandung District is one of the villages in which the ESP Field School took place. The FS participants consisted of 25 representatives of the community. One of them, **Bapak Idi**, was a farmer who worked 100 *tumbak* of land planted with vegetables. The earnings from the vegetables were barely enough to cover daily living expenses for his wife and three children.

Pak Idi never thought that he'd get the chance of a lifetime to attend this field school. His initial goal in attending the school was simply to find out what materials were taught at the field school. He listened attentively to the FS materials, until one day he came up with this conversation: "SL has so many benefits. I am now able to analyze the problems of my village as well as our behavior in order to improve water provision in my village."

In previous years, Pak Idi always refused any hardwood tree seed assistance from the government, whether through the GNRHL or GRLK program because he considered hardwood trees to destroy the vegetables, or *matak hieum* as the farmers put it. But after attending the FS, he had the desire and intent to plant hardwood trees, even though he had to give up a portion of his vegetable patch to be disturbed at some point.

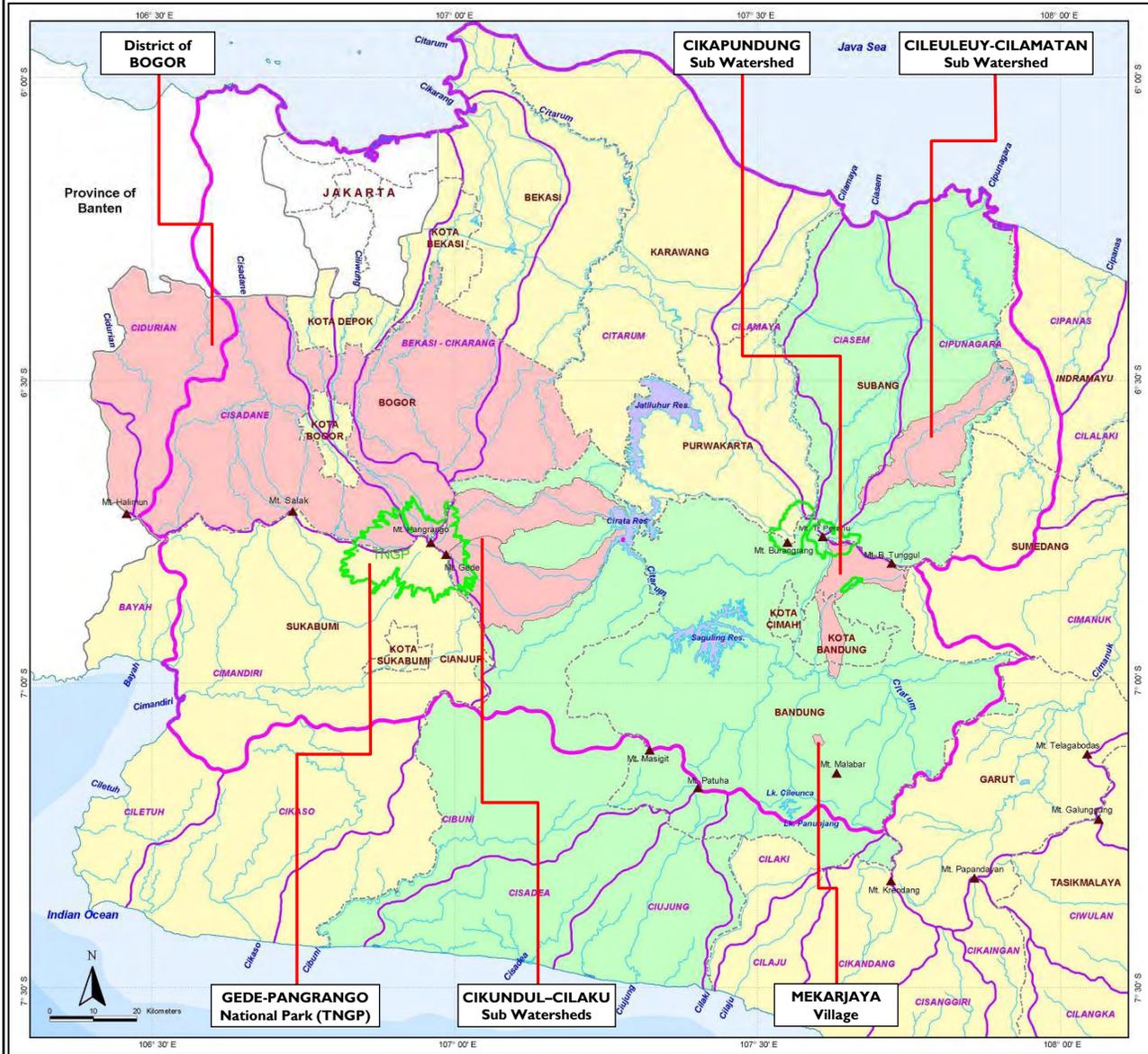
With the help of his wife, Pak Idi began to plant hardwood trees amidst his vegetable plants, with 200 seedling provided by the government/Gerhan consisting of 150 Suren, 10 Ki Damar and 40 mahogany seedlings. Pak Idi hoped that one day these hardwood trees would help him financially in addition to maintaining the water ecology in particular and the environment.





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# Map QPR08 West Java-I. Location of ESP Integration Approach for West Java Region



**Legend:**

- Volcano/ Mountain
  - Provincial Boundary
  - District boundary
  - Watershed boundary
  - River
  - Lake
- BOGOR** District / Municipality Name  
**Citarum** River Name  
**CIASEM** Watershed Name  
**Mt. Gede** Volcano Name
- Priority Watersheds for ESP Activities
    1. Citarum
    2. Cipunagara
    3. Ciliwung
    4. Cilamaya
    5. Cilandiri
    6. Ciliwung
    7. Cisadane
  - Focus Area for ESP Integrated Program Sites and Strategies, FY 2007
    1. Cikapundung Sub Watershed in Bandung, Kota Bandung Districts
      - Blue Thread Strategy for Cikapundung Sub-Watershed
    2. Cileuleuy - Cilamatan Sub Watershed in Subang District
      - Blue Thread Strategy for Cileuleuy-Cilamatan Sub Watersheds
    3. Cikundul - Cilaku Sub Watersheds in Cianjur Districts
      - Anchor Sites Cikundul-Cilaku Sub Watershed
    4. Banjaranwetan Sub District, District of Bandung
      - Clean, Green & Hygiene Strategy for Mekarjaya Village
    5. Gede - Pangrango National Park (TNGP)
      - Think Nationally, Act Locally Strategy for Cikundul and TNGP (Gede-Pangrango National Park)
    6. Bogor District
      - Innovative Financing for Expanded Access to Clean Water
    7. Bogor, Sukabumi, Kota Sukabumi, Cianjur, Bandung, Kota Bandung, Subang and Purwakarta Districts
      - PDAM Programs
  - Priority District for ESP Integration Activities, FY 2007
    1. Cianjur
    2. Subang
    3. Bandung, including Kota Bandung and Cimahi
    4. Bogor
  - Other Districts in the Region







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## Map QPR08 West Java-2. Blue Thread Strategy Update for Cikapundung Sub Watershed



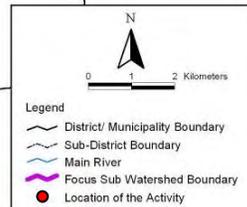
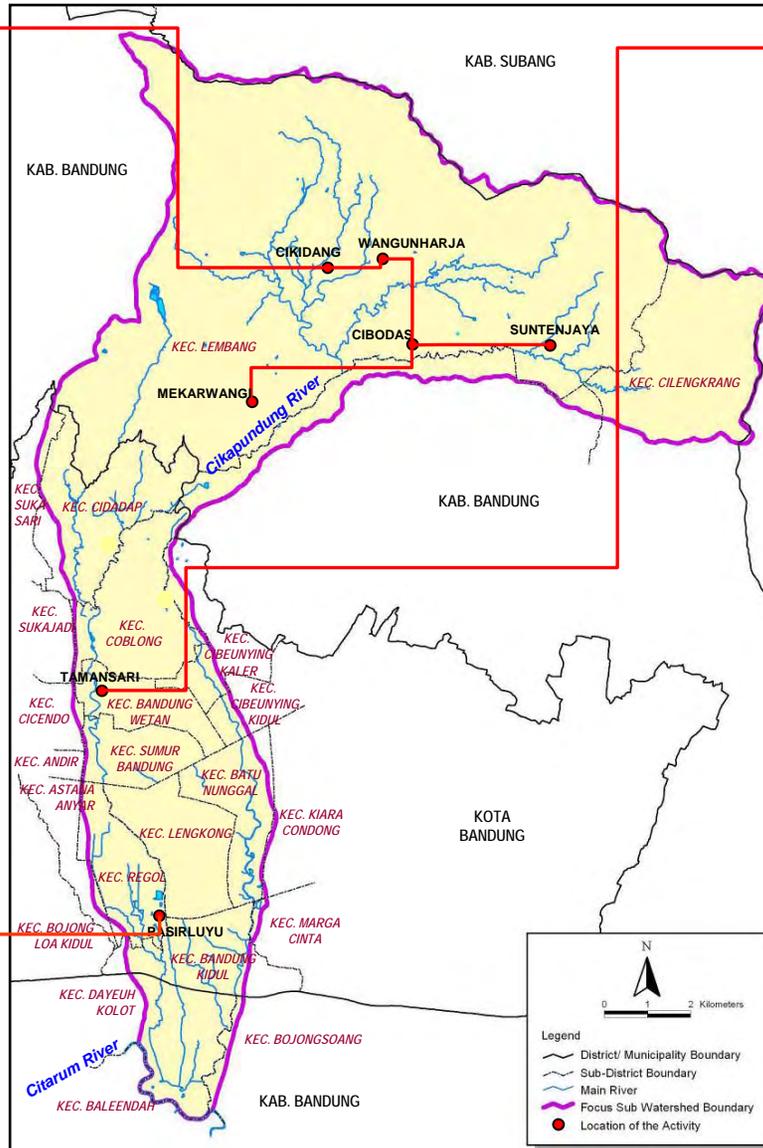
### Cikidang, Wangunharja, Suntenjaya, Cibodas &



**WS 2-1, SC 3:** Field School implementation, with the sessions of: Watershed transect to understand the environmental conditions; Participants discussed the problem of watershed through photos taken by themselves; Discussion on "Jembatan Bambu" resulting community group action plan; Clean concept and fecal oral transmission, etc.

### Pasirluyu

**SD 4-3:** Structural design evaluation discussion by ESP-BEST together with PDAM Kota Bandung on the preparation of communal septic tank construction



### Tamansari



**SC 3:** Health Festival: Deliver the important of hand washing with soap and solid waste management at household level



**SD 5-2:** Community base solid waste management workshop with the participant of cadres

### Kota Bandung



**SC-4-2:** Multi-Media

Campaign (media gathering, round-table discussion with NGOs, media visit, colom by experts, road show to media and the government, talk-shows

**SC-5-2:** The world water day 2007: water monitoring; training, survey to sub DAS Cikapundung, data analysis and media/ public expose by students

**SC-6-1:** Preparation campaign by partners with water monitoring workshop



### Gunungsari



**SD 5-3:** Field School with the session of community base solid waste management

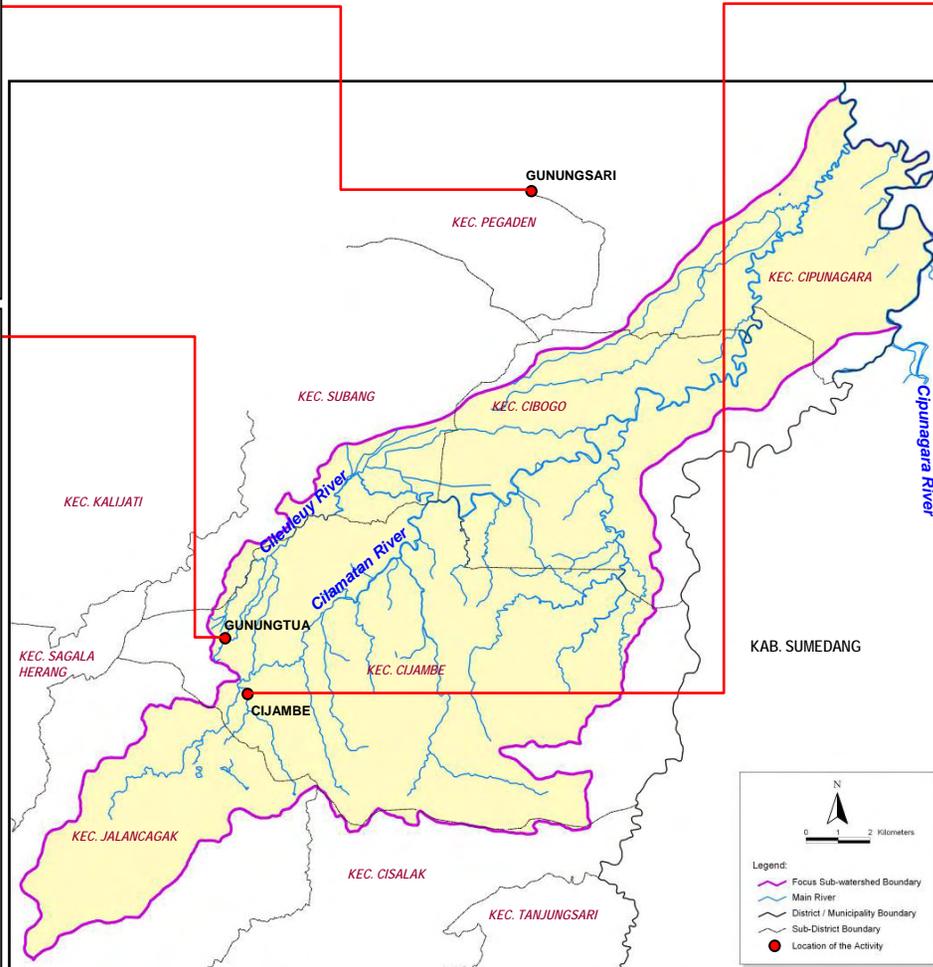
### Gunung Tua



**SD 4-3:** Field survey for com-munal septic tank structural design by ESP-BEST on the preparation of communal septic tank construction funded by PDAM Kab Subang



**WS 2-1:** Field School with the session of transect survey, the participants are watching to and thinking the affection of the kandang ayam which is located on the Cileuleuy river stream



### Cijambe



**WS 2-1** Planting tree done by Ir. Samsudin, chief Dinas HutBun Kab. Subang. In this

land rehabilitation program, dinas HutBun donated trees (mostly mahogany) to supplement planting needs of nursery by the farmer group. According to Ir. Samsudin, to answer the community group (MAPAS) initiatives on land rehabilitation, government of kab. Subang will support 50,000 seeds for each sub-district to the nursery that will be conducted by farmer groups

**SC 3:** Stakeholder workshop to communicate sustainable livelihood assesment and action plan of ESP Field School



Behavior Change Communication Training to posyandu cadres & community leaders (PKK, religious & village level government).



**SD 5-3:** Field School with the session of community base solid waste management





### 13 villages in Cikundul – Cilaku sub watershed



**SD 3-2:** Socialization on formation for water user organization in Padaluyu, Sukatani & Sukanagalih villages



**SD 3-4:** Constructed Hydram Pump in Tanjakan, Padaluyu Village.



**SD 5-2:** Community base solid waste management workshop with the participant of cadres



**SC 3:** Clean concept and fecal oral transmission at ESP Field School



**WS 2-1, 2-2:** Rehabilitation program; per February successfully planted about 300,000 trees, in which 200,000 planted by communities, 20,000 joined planting with local government, 32,000 joined planting with Cugenang & Pacet Sub Districts, 50,000 planted by pak Makbul, pak Hori & their families.



### Cikundul Cilaku Community Network

**WS 2-1:** Strengthening community network; Two (2) community networks, JAMPEDAS and FORESTA, had developed and established legally to strengthen community activities of 13 villages on land rehabilitation at all level

### Cibodas & Cirumput

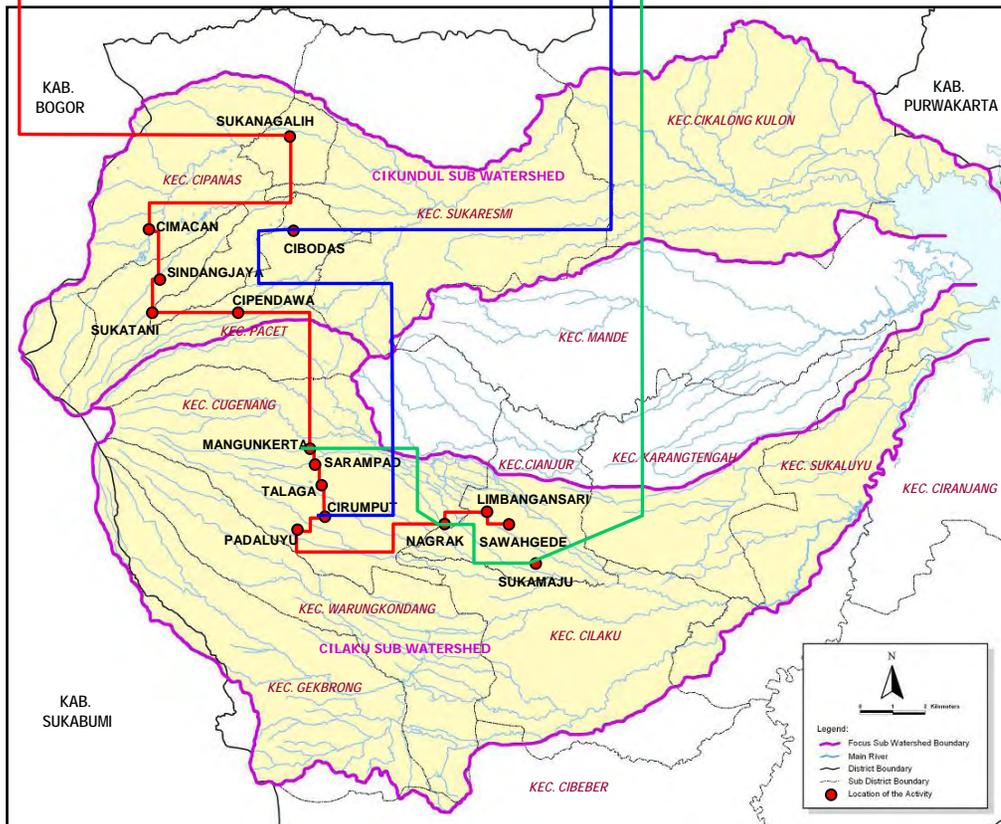


**WS 4-2:** Land Management Agreement called “Kespela”; Six (6) MOU developed participatory to rehabilitation program at Cibodas (2 MOU) and Cirumput (4 MOU).

### Mangunkerta, Nagrak & Sukamaju



**SD 5-3:** Socialization the use of Composter to the community, especially to housewife.

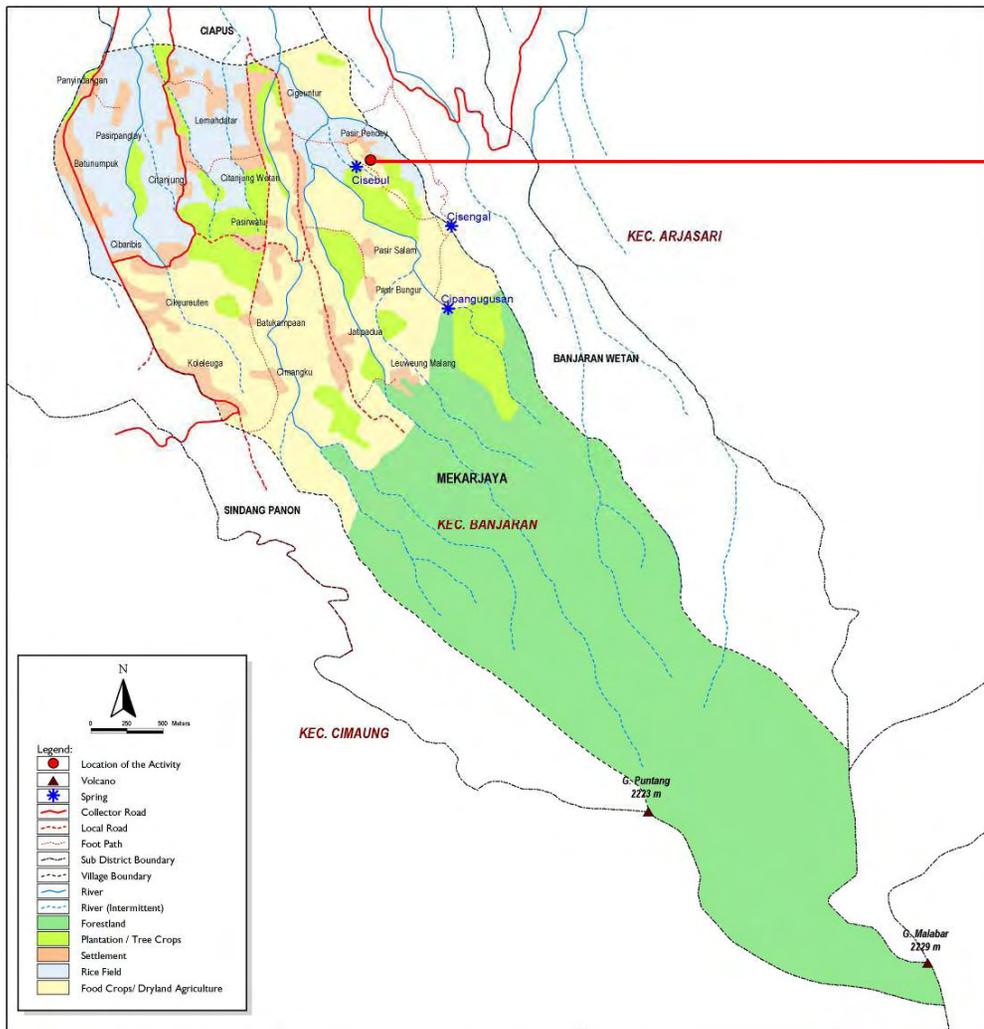






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## Map QPR08 West Java-5. Clean, Green and Hygiene Strategy Update for Mekarjaya Village

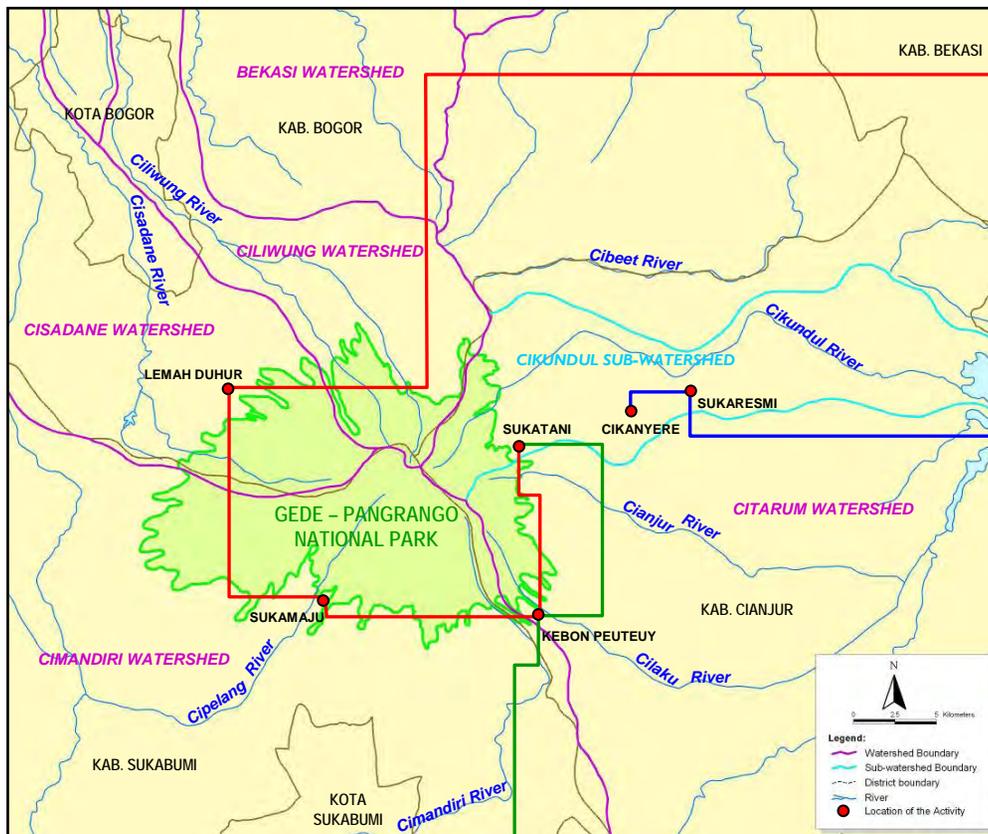


### Dusun Pasir Pendey



**SC 3:** Community develop action plan related to hand washing campaign, proper sanitation and access to clean water





#### Sukatani, Kebon Peuteuy, Sukamaju & Lemah Duhur



**WS 3-1:** Field school for TNGP village conservation at these vilages

**WS 3-1:** Developed four (4) community networks to support TNGP conservation program; Puspa Lestari (Sukatani), Marpeling (Kebon Peuteuy), Alastri (Sukamaju) and Duta Lingkungan (Lemah Duhur)

#### RHLP at Sukatani, Cikanyere & Sukaresmi



**WS 4-2 & 4-3:** Land Management Agreement (MOU) called "Kespela": Three (3) MOU to support in rehabilitating the RHLP degraded lands, and one (1) MOU to rehabilitate degraded conservation forest lands



**WS 4-4:** Impact from RHLP program supported by local government; established village road, provide 3 units clean water, 2 mushroom production unit, 120 bee "stup" production unit, 185 cattle, and fish donation



**WS 2-2:** Per February, planted about 69,000 tree plants, cover 171.6 Ha degraded lands on RHLP model with Ministry of Forestry, IPB, Cianjur Government and ESP, involving 6 community groups

#### TNGP Authority



**WS 3-1:** Busines plan TNGP; providing support for conservation management of TNGP

#### Sukatani & Kebon Peuteuy

**WS 4-3:** Two (2) village level regulation of TNGP conservation forest









### Kab. Cianjur, Kab. Subang, Kab. & Kota



**SC 5-2:** Technical support for PDAM for communication strategy: in drafting and implementation support

### Kota Bandung & Kota Bogor

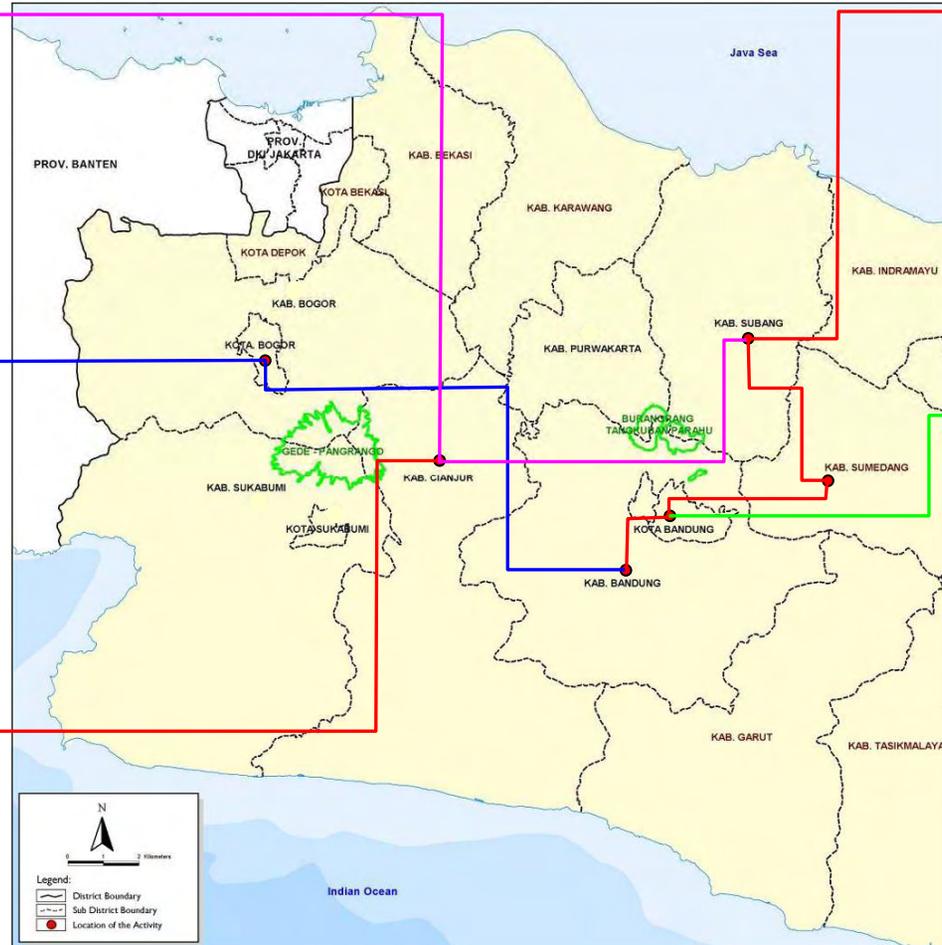


**SD 3-1:** Sweeping Survey of household PDAM Bogor in North Bogor

### Kab. Cianjur



**SD 3-1:** Survey of Tariff Reclassification Customer



### Kab. Subang, Kab. Sumedang, Kab. & Kota



**SD 1-5:** Discussion on technical support for PDAMs for the preparation of proposal for ADB small grant funding on water resources feasibility Study

### Kota Bandung



**SD 3-1:** Meeting Planning NRW Activity  
**SD 3-1:** Survey Public Tap and Planning to Develop the Pilot Project in PDAM Kota Bandung



**SECTION 2.5.**

# CENTRAL JAVA

## CENTRAL JAVA and YOGYAKARTA

### INTRODUCTION

Small steps being made in each of the fifteen villages are now becoming part of a larger collective movement in the Tangsi subwatershed. On March 16, 2007, the Tangsi Community Cares Watershed Management Forum (Format Lintang) was formally recognized by the Bupati of Magelang. On March 21, the Bupati and forum members launched the Tangsi subwatershed Management Plan that was prepared by the forum. The watershed management action plan, which had a subtitle of “Clean Behaviors, Friendly to Nature”, received a positive response from local government officials. The plan outlines concrete activities to be taken by the community members themselves as well as support required from the local government. In Tangsi, 620 hectares of degraded land were planted with tree seedlings.

This quarter, six villages on the slopes of Mt. Merapi within the Merapi National Park have been selected to participate in the ESP program in the Blongkeng subwatershed. An additional two peri-urban villages in the downstream part of the Blongkeng subwatershed were selected as an entry point for the Clean Green Hygiene Program. Tangsi and Blongkeng are two important subwatersheds within the Progo watershed and are both located within the administrative boundaries of Kabupaten Magelang, where the Bupati is very supportive of ESP activities.

The theme of this quarter’s Multi Media Campaign was Waste Water Treatment. In collaboration with the Yogyakarta Department of Environment and local media, ESP conducted a multi-media campaign to promote awareness and use of the underutilized Yogya Wastewater Treatment Plant. Most residents do not realize the health and environmental hazards of untreated household waste being released directly into waterways. ESP also sponsored a 7-day photo exhibition, which generated Rp 12 million of in-kind support, and garnered extensive coverage in local print and electronic media.

The following section highlights key activities in the Integrated ESP sites in Tangsi, Blongkeng, Clean Green Hygiene, and Water Utility Strengthening.



ESP CENTRAL JAVA

**Women, Environment, and Health:** 150,000 seedlings from a variety of tree species were recently produced in the community nurseries in the Tangsi subwatershed. Women are the motor behind the high level of community participation. They are moving quickly to prepare the next generation of trees for their villages. They have green thumbs when it comes to transplanting the tiny seedlings and their hard work is an expression of their care, patience, and dedication towards the health of their communities.

Women are taking a more dominant role than men in the implementation of their "Clean Behaviors, Friends of Nature" program. Many women had previously participated in community health and farmers' networks, which they are now building upon to carry out the work of the newly formed Tangsi Community Cares Watershed Management Forum (Format Lintang). With great adaptability, they are developing collaborations with new partners, such as schools, small businesses, and other community forums. These partnerships are extremely useful as they embark upon the third step in the Field School approach, which is Follow Up Implementation with the Community.

## UPDATE ON CENTRAL JAVA/YOGYAKARTA ESP INTEGRATED SITES

### Mini ESP in Tangsi

In early March 2007, 15 villages in Tangsi have entered into the third step of the Field School Approach, that is Follow Up Action and Program Development based on community plans. At this stage, community members have become program managers of all the activities they are undertaking. The village action plans which began to be implemented during the second step (Initial Action) are now being further developed and expanded. Village facilitators are now facilitating new activities and field schools in other neighborhoods in their village. They are also starting to work with other stakeholders, such as local government agencies, small businesses, and other community forums.

- **Hundreds of Hectare are Being Regreened:** In early 2007, communities in eight villages in Potorono Hills conducted tree planting activities with ESP's support. More than 30,000 multi-species tree seedlings were planted on degraded lands such as state forest borders, riversides, and sloping lands. These local communities still have a strong culture of agroforestry, as reflected in their voluntarily planting 100,000 seedlings of sengon trees on 620 ha of degraded land and forests. To further support the tree planting efforts in Potorono, 17 community-based tree nurseries were established this quarter, each of which will be able to produce 15,000 seedlings of various kinds for regreening. The Central Java Forestry Service Office contributed \$5,000 to purchase 12,000 tree seedlings. An additional \$2,000 was contributed by Mangrove Action Project for 500 bamboo seedlings, which will be replanted in Tangsi, and IOM covered the transportation costs of the seedlings from Bali.



ESP CENTRAL JAVA

Villagers of all ages and backgrounds plant palm trees together in Potorono Hills, Tangsi. By rehabilitating degraded lands, the community is also helping to protect important habitats for the endangered Javan eagle.

- **Hundred Families Now Free from Water Pollution:** The village of Bumiayu has never had a shortage of water. Plastic pipes have always carried a free flowing water supply to all parts of the village. But three months ago, the peace in this rural village was disturbed by the discovery that the village water supply, a spring, was being contaminated by pesticides and fertilizers in irrigation water. With the support of ESP Field School, the community quickly organized themselves and built a simple cement tank to protect their spring from irrigation runoff. Inspired by this, the neighboring village of Sangen, which does not even have electricity yet, organized themselves to construct a communal bathroom facility to start to change villagers' behavior of defecating in the open. This was their simple, yet concrete and swift response after learning about the health hazards of open defecation and how the oral-fecal cycle can lead to diarrheal transmission. This activity was also supported by ESP's Field School approach and community organizing conducted through village facilitators.

- **Local Policy Initiation:** Sambak village has enacted a local policy to support conservation and tourism activities. The village policy also supports spring protection and establishes a work unit to help residents increase their income through tourism related to conservation activities in the community. An additional 3 villages have started to draft MoU with Perum Perhitani.
- **Pride Conservation Campaign:** Students from eight elementary and religious schools in Sukomakmur and Sutopati participated in a drawing competition to familiarize students with environmental issues. A conservation group in Krumpakan began working with the local community to form a forest patrol group that will patrol forest areas in Sukomakmur to protect the area from illegal logging. Community members wrote a song about conservation to spread the message through the community.

### Mini ESP in Blongkeng

**Entering a New Subwatershed:** The Blongkeng subwatershed stretches over 7,092 hectares in Kabupaten Magelang, and its upper watershed lies in the western part of Merapi National Park, which received national park status in 2004. ESP’s work in eight villages in this subwatershed will initially focus on land rehabilitation and conservation for a sustainable water supply and improved health and hygiene behaviors.



ESP CENTRAL JAVA

Environmental degradation, such as that caused by these villagers felling trees in Merapi National Park, is become an acute problem.

- **Selecting Villages:** This quarter, ESP selected eight villages in Blongkeng subwatershed using the Development Pathways approach. ESP collected and analyzed secondary data related to community health, sanitation, and critical lands as well as conducted field surveys to verify the data. The 8 villages selected are: Krinjing, Keningar, Ngargosoka, Ngargomulyo, Ngablak, Kemiren, Muntilan dan Gulon.
- **Finding Supporters to Create Conservation Villages:** The willingness of villagers to become pioneers in their community is key to the ESP program. To do this, ESP recruited and trained two village facilitators (one man and one woman) from each of the eight villages this quarter. These village facilitators will lead their community members through the Field School process over the coming year and will take a lead role in developing village profiles and preparing and implementing village action plans.

### Clean Green Hygiene in Kota Yogyakarta and Kabupaten Sleman:

Following a local study last quarter to learn about three successful, community composting and recycling programs, twelve village facilitators from Sleman, Yogya, and Magelang have led their communities to further develop the Clean Green Hygiene concept. They are now busy piloting new activities, such as creating ornamental plant nurseries, placing trash cans in their houses, making compost, and placing potted plants in front of their homes. Other activities during this quarter included:



ESP CENTRAL JAVA

The wife of the Mayor of Yogyakarta visits the densely populated Gondolayu neighborhood to learn first hand about composting.

- **Field School with Hotel Mercure:** With ESP’s support, the management of the Mercure Hotel (which is located adjacent to the poor and densely populated Gondolayu neighborhood in Yogyakarta) recently invited Gondolayu residents to conduct their Field School workshops at the hotel. Gondolayu residents have been successfully composting and greening their neighborhood for the past ten years. The hotel also purchased tissue box holders made from recycled materials produced by Gondolayu residents. This was the first time the community and the hotel have worked together.
- **“My City Yogya is Clean and Healthy”** was recently developed by local newspaper, Radar Jogja/Jawa Pos, in collaboration with the Yogyakarta local government. Activities included a clean and green neighborhood competition. The Gondolayu neighborhood received a lot of media attention as an example of a clean, green community in Yogyakarta.

### Clean Green Hygiene in Two Schools, Somopuro, Klaten:

- **Slowly but surely:** Although school construction and repair work is still going on following last May’s earthquake, Somopuro 2 and 3 Elementary schools have started a school garden to regreen their hot, dusty campus. They have also made simple trash cans out of cardboard to collect garbage, which was previously dumped around the school campus. The school committees are slowly forming an understanding about clean, green, and hygiene behaviors through a regular discussion forum, called “discussion corner” on these issues as well as forming ideas about how to take action on their school campuses. ESP and DBE I continue to collaborate on this.



ESP CENTRAL JAVA

Ibu Ngatinah, 5<sup>th</sup> grade teacher at Somopuro Elementary School in Klaten, Central Java, shows off two months growth in the school’s new garden, which was formerly a garbage strewn area.

- **Community helping to create healthy learning environment:** It is hard to imagine how teachers and students can concentrate on the learning process when they are bombarded by the strong stench from the nearby pig farm and tofu factory. Sometimes there are even thousands of flies swarming in the classrooms and school yard. The school committees and the newly elected RW (head of the neighborhood) are now working together to maintain and regularly clean out the garbage-filled drainage system around the school in an effort to reduce the flies and smells. This and other efforts are all part of ESP’s Clean, Green, Hygiene School program, and awareness is leading to action.

### **Water Utility Sector (PDAM) Strengthening and Water for the Poor**

- **Bank Rakyat Indonesia offers microcredit to new PDAM customers:** The cost of the tertiary pipe network to install household connections to PDAM is the primary obstacle for most poor, urban families to access clean water. PDAM Kota Surakarta and Bank BRI have signed an agreement to offer microcredit to new qualified PDAM customers. Following the signing of the agreement, ESP provided internal training to both the PDAM and BRI concerning the implementation process. Also, ESP worked with the PDAM to develop a promotional strategy to reach out and inform potential microcredit customers. The PDAM is targeting approximately 1000 new connections under the microcredit program during 2007.
- **Financing the Expanded Coverage of PDAM Kota Solo:** In February ESP met with the leadership of PDAM Kota Solo to follow up on a Pre-Feasibility Study conducted by ESP concerning financing the expansion of the PDAMs treatment capacity. The PDAM is presently preparing to tender the Kadokan Project (300 liters per second) in order to establish a public private partnership for financing the expansion. The PDAM Kota Solo will require further ESP assistance to launch the project to investors as well as to review proposals received. The PDAM also requested further assistance in organizing the additional investment needed to achieve MDG in 2015.
- **Customer Census and Non-Revenue Water Loss:** ESP is working with PDAM Kota Yogyakarta, Kabupaten Magelang, and Kota Surakarta to conduct a customer census and study on non-revenue water losses.

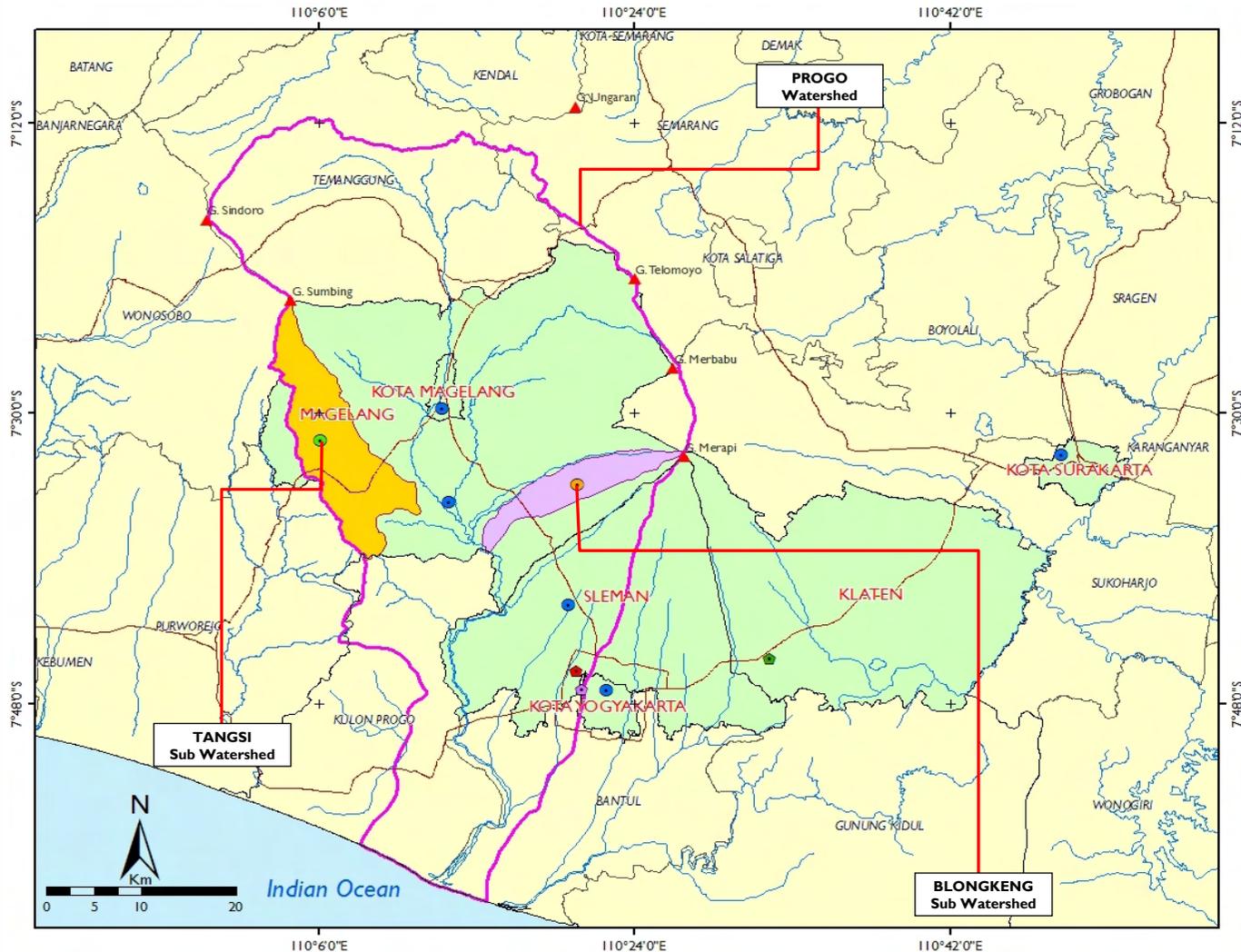
### **OTHER HIGHLIGHTS**

- **Water Monitoring:** Eight locations along the Tangsi subwatershed have been designated as ESP water quality monitoring sites. ESP is working with the Water Monitoring Task Force that was formed as part of the Tangsi Cares Watershed Management Forum. Thirteen indicators of water quality and one indicator of water quantity will be regularly documented to see changes over time.
- **Multi Media Campaign on the theme of Waste Water Treatment:** ESP, with the support of the Yogyakarta Department of Environment and local media, conducted a multi-media campaign to promote awareness and use of the Yogya Wastewater Treatment Plant, which is underutilized. Most residents do not realize the health and environmental hazards of untreated household waste being released directly into waterways. The campaign reached target audiences in Yogyakarta and also received national attention. ESP also sponsored a 7-day photo exhibition, which generated Rp 12 million of in-kind support, and garnered extensive coverage in local print and electronic media.
- **Working with Indonesian Photojournalists (Pewarta Foto Indonesia, PFI):** ESP and PFI jointly conducted an upstream-downstream press tour to cover water and health issues along the Tangsi subwatershed and Yogyakarta. Journalists and photojournalists captured living conditions in the subwatershed through text and photos, revolving around the themes of water conservation and water hygiene. In commemoration of World Water Day, photos were selected for display in a photo exhibition in Yogyakarta, March 21-23, 2007.
- **Kimberly Rosen, USAID Desk Officer from Washington DC,** visited the Somopuro Elementary School in Klaten, and Menoreh Village in Tangsi, to learn more about ESP's activities in the field.

- **Citywide Sanitation Strategy for Yogyakarta:** ESP is collaborating with the ADB to facilitate a citywide participatory Sanitation Strategy and Action plan for the city of Yogyakarta. The first workshop with representatives of Yogyakarta local and provincial government agencies was conducted in late March, together with other Indonesian cities (Medan, Bandung, Makassar).



## Map QPR08 Central Java-I. Location of ESP Integration Approach for Central Java & Yogyakarta Regions



### Legend

-  Mountain
  -  Primary Road
  -  River
  -  District Boundary
  -  Progo Watershed
- Priority Sub-Watershed for ESP Activity**
-  Tangsi Sub-Watershed
  -  Blongkeng Sub-Watershed
- Priority District**
-  Kota Magelang
  -  Magelang
  -  Sleman
  -  Kota Yogyakarta
  -  Kota Surakarta
  -  Klaten
- Focus Area for Integrated Sites and Strategies, FY 2007**
-  Tangsi Sub-Watershed
  -  Blongkeng Sub-Watershed
  -  Clean, Green and Hygiene in Sleman District
  -  Clean, Green and Hygiene in Kota Yogyakarta
  -  Clean, Green and Hygiene in Klaten District
  -  Technical Assistance for:
    1. PDAM Kota Magelang
    2. PDAM Kabupaten Magelang
    3. PDAM Kabupaten Sleman
    4. PDAM Kota Yogyakarta
    5. PDAM Kota Surakarta

Map of Indonesia







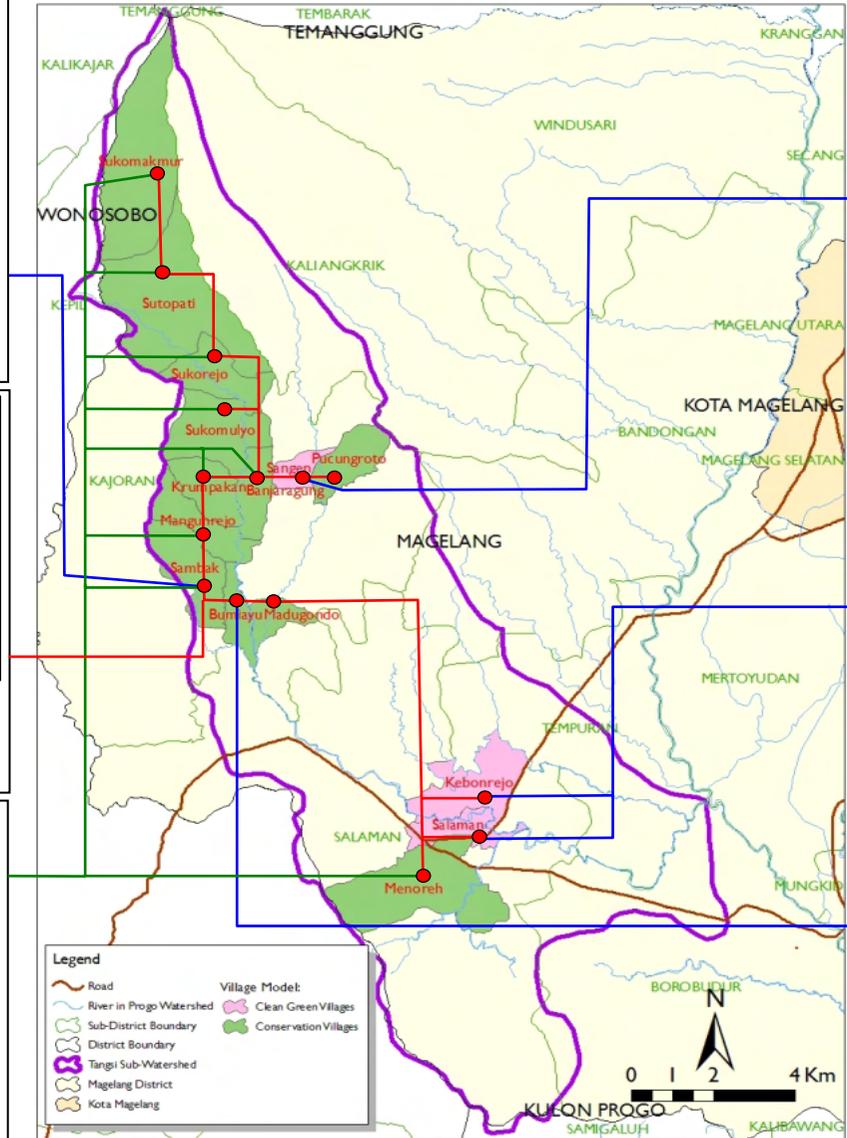
**WS Outcome #1:** A draft of local policy (Perdes) on forest conservation in Sambak Village. Socialization and development in 6 villages around Tangsi sub-watershed



**WS Outcome #2:** Women played a dominant role in the community tree nurseries, which are preparing 150,000 tree seedlings for replanting on degraded lands.



**WS task#1:** The Tangsi subwatershed management plan and forum was officially launched by the Bupati of Magelang.



**SD Outcomes #6:** 1 communal septic tank was constructed in a poor, isolated village of Sangen to demonstrate its purpose and construction.

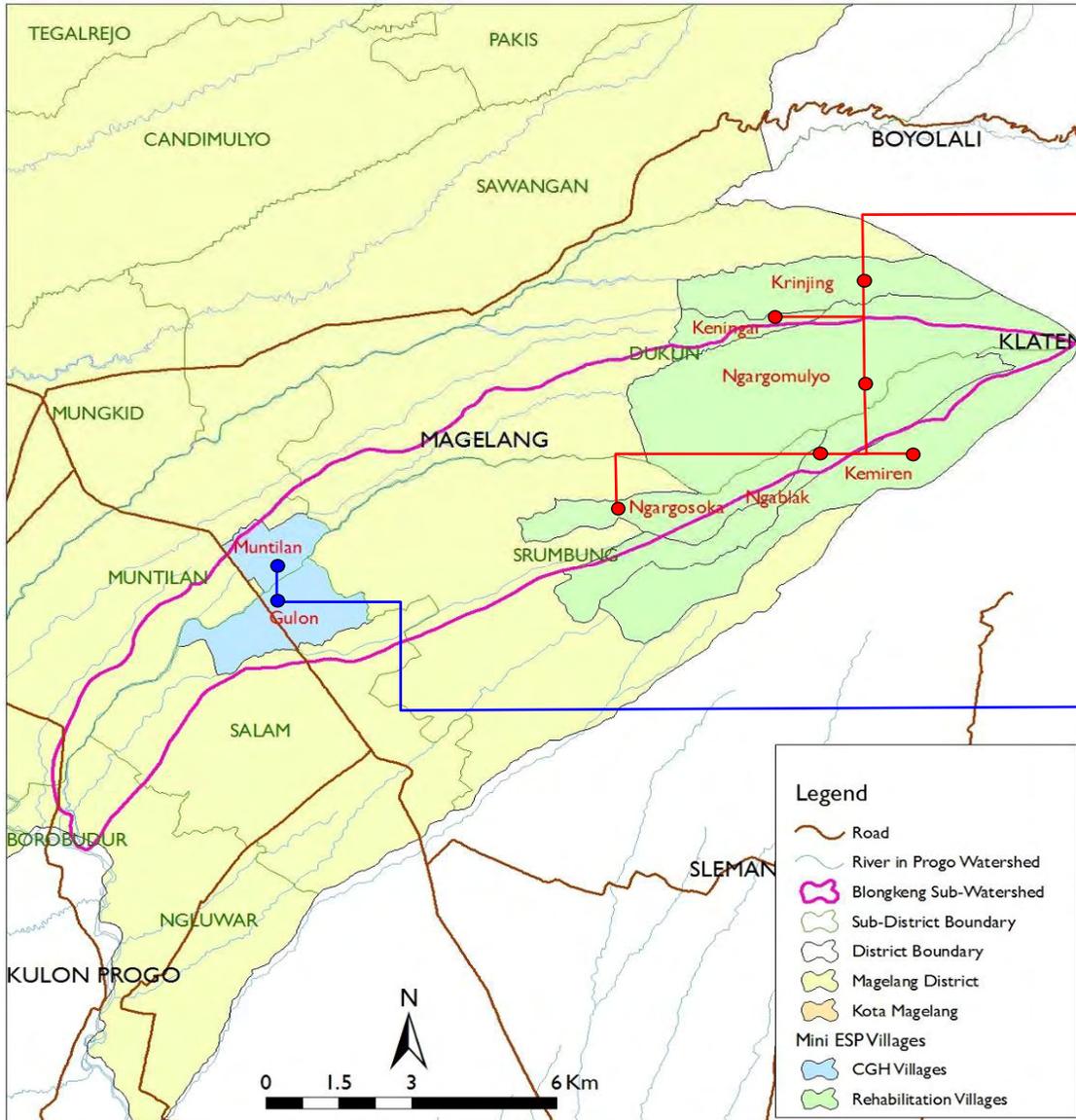


**SD Outcomes #5:** Community-based solid waste management is promoted in 2 villages (Salaman and Kebunrejo) through composting and recycling.



**SD Outcomes #2:** A spring in Bumiayu village that provides the community's main supply of drinking water was protected from agricultural runoff containing pesticides





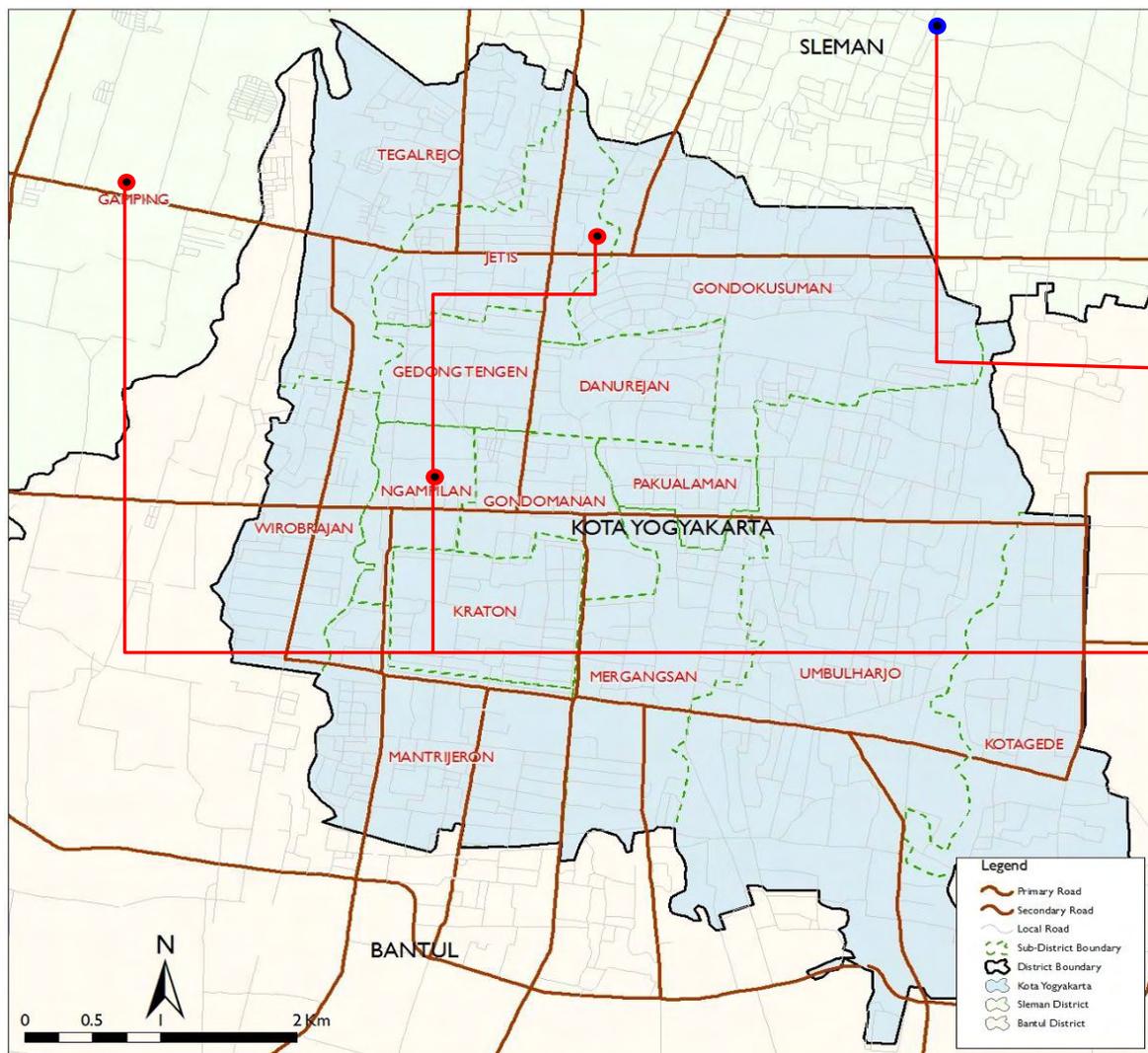
**WS Outcome #2:** ESP selected six rural villages in the upper Blongkeng subwatershed, which lie near or within Merapi National Park. The selection process consisted of secondary data collection and analysis, rapid field assessments to verify data, and the Development Pathways approach.



**SD Outcomes #5,6:** ESP conducted a site selection process to select villages and village facilitators. Two peri-urban villages (Gulon dan Muntilan) were selected to demonstrate the Clean Green Hygiene practices.



## Map QPR08 Central Java-4 Clean, Green and Hygiene Update in Kota Yogyakarta and Sleman District



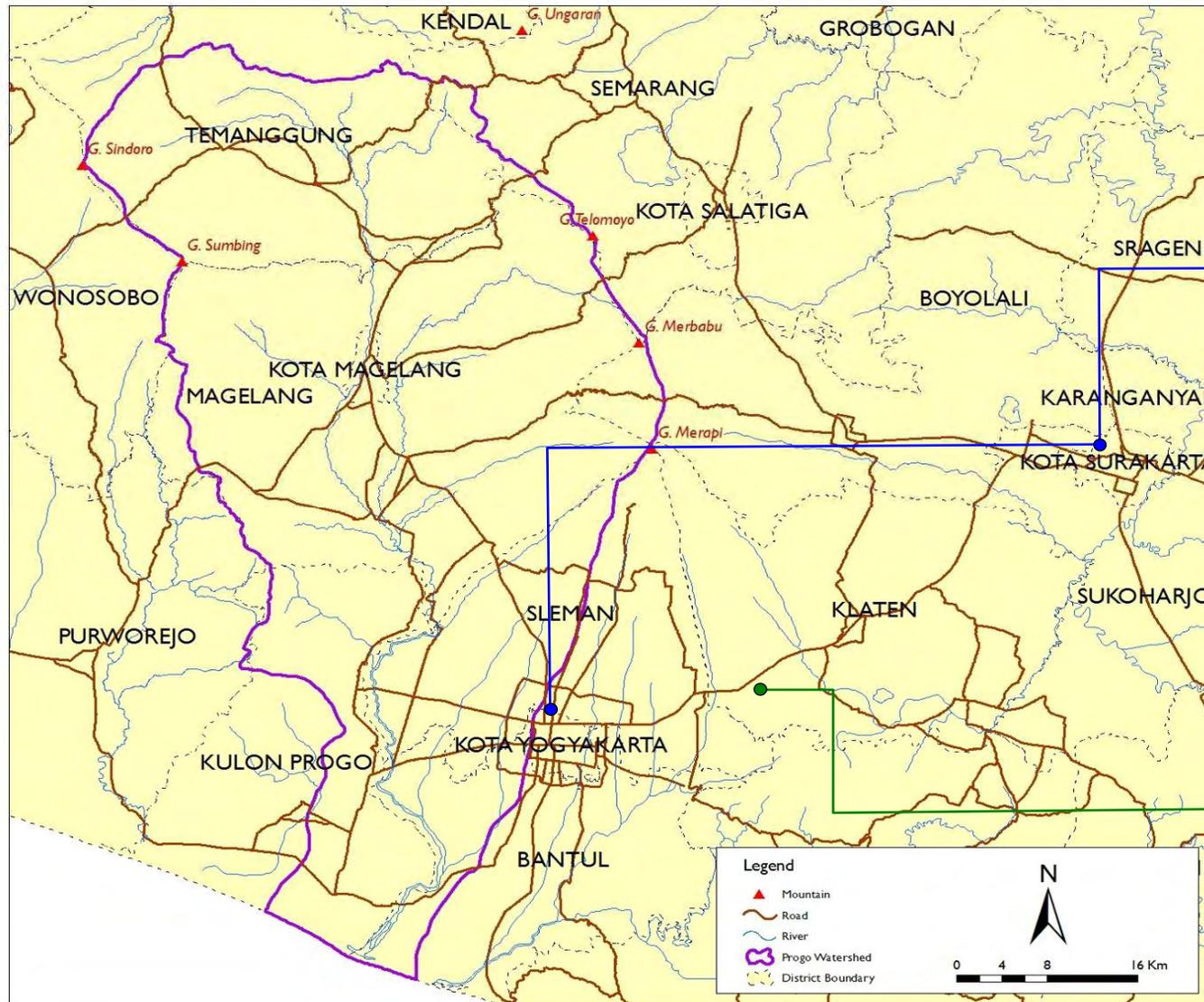
**SC 4:** ESP conducted a photo exhibit to showcase local journalists' coverage of water, health, and environmental issues as part of a Multi Media Campaign. This has encouraged greater coverage of these issues in local media.



**SD Outcomes #5:** ESP is working with three communities to further improve their community-based solid waste management systems in Gondolayu and Ngampilan (Yogyakarta) and Kwarasan (Sleman).



## Map QPR08 Central Java-5 Clean, Green and Hygiene Update in Klaten District and PDAM Program



**FN Outcome #3:** With ESP's support, PDAM Kota Solo and Bank BRI signed an MOU to provide microcredit to poor households so that they can establish household connections to the water utility for the first time. ESP will also help promote the program to the community.



**SD Outcome #7:** Although two elementary schools in Somoporo are still rebuilding after the May 2007 earthquake, ESP-SVS-DBE's collaboration is now starting to bear fruit. The school committee has started a school garden on a formerly trash strewn area and students are starting to recycle.



## SECTION 2.6.

## EAST JAVA

## INTRODUCTION

A wide range of activities continues to be conducted at the seven integrated sites in East Java. In the upper watershed this quarter, 968 hectares of degraded lands were replanted with multi-tree species. Thousands of tree seedlings were donated by KLH, Perhutani, Hippam, LMDH, and PDAM under the Bumiaji Land Rehabilitation Movement (GIRAB) program. To date, GIRAB has sponsored 18 community tree planting events to rehabilitate Perhutani's degraded forest lands. ESP is also supporting a number of community groups, NGOs, and Perhutani to implement an agro-forestry model to improve the economic, social, and hydrological functions of forest lands in the upper watershed. Field schools actively continue to develop programs to address service improvements in their communities, such as access to clean water, improved solid waste, sanitation, and waste water management from cow husbandry.

In the lower watershed, four water utility companies in East Java (Kota Surabaya, Kabupaten Sidoarjo, Kota Malang, and Kabupaten Malang) have now signed agreements with two national banks to offer microcredit to new qualified low income PDAM customers so that they can establish household connections to the water utility companies. As described in this month's cover story, the first connections under this program also took place this quarter in Surabaya. ESP's Communications Team is helping to further publicize the program to potential customers. The World Bank also approved a proposal that will provide \$2.7 million to establish access to piped water to 16,000 poor families in Surabaya over the next three years. To support this, ESP, the PDAM, and ECO-Asia are developing a comprehensive survey to identify and select urban poor households which can be the recipients of the World Bank's financial assistance to receive household connections to PDAM Surabaya.

The following section describes these and other activities at ESP's integrated sites in more detail.

## UPDATE ON EAST JAVA INTEGRATED SITES

**Blue Thread in Sumber Brantas Subwatershed (Kota Batu)**

This quarter, 968 hectares were replanted with multi-tree species. Thousands of tree seedlings were donated by KLH, Perhutani, Hippam, LMDH, and PDAM under the GIRAB program. Highlights of these activities are as follows:

- My village is my "darling" (Desaku Darling): Field school participants in the five villages of Tulungrejo, Punten, Pesanggrahan, Oro-oro Ombo, and Pandan Rejo coined the term "Desaku Darling", which is a contraction of "Desaku **Sadar Lingkungan**" (which means, "My village is environmentally aware") to describe the new environmental awareness of their communities. Field School participants are now developing programs to address service improvements in their communities, such as access to clean water, improved solid waste, sanitation, and waste water management from cow husbandry. Communities in Pandan Rejo and Tulung Rejo initiated a local regulation on solid waste and water distribution. In Pesanggrahan,

125 people rehabilitated 5 ha of forest land, and in Oro-oro Ombo, 300 people have rehabilitated 6 ha of forest land, with broad participation from LMDH, Karang Taruna, Hippam, Dinas Kehutanan dan Lingkungan Hidup, Perhutani, and Kecamatan Batu

- Intensive community forest rehabilitation: Camat Bumiaji, with support of the Mayor of Kota Batu, has synergized multi-stakeholders to participate in forest rehabilitation activities through GIRAB (Gerakan Intensifikasi dan Rehabilitasi Alam Bumiaji). This initiative is integrating the local

community in a collective action, including LMDH, village leaders, MUSPIKA, Dinas Kehutanan dan Lingkungan Hidup-KLH, Perhutani KPH Malang, Local NGO, and education institutions. Since December 2006, 20 tree planting events with multi-stakeholders have been carried out, with ESP support. So far 92,200 tree seedlings have been planted on 250 ha of degraded forest land. LMDH, an ESP small grantee, has contributed 31,500 seedlings from a community nursery. Perhutani and Dinas KLH contributed 64,800 and 1,600 trees seedlings, respectively.

- Agro-forestry rehabilitation of degraded forest: Conversion of the enclave forest to horticultural land (mostly carrot and cauliflower) is increasingly disturbing the hydrological function of the forests. To address this, an agro-forestry model is being carried out by Serikat Petani Gunung Biru (SPGB), a farmer group supported by Perhutani. In 4 ha of forest land, SPGB is developing three layers of canopy (pine, suren, avocado) combined with shade crop (Tamarilo and Anona) and intercropped with high economic value cover crops (ginger, Yam, Pogostemon/Patchouli oil, and Collocasia). This community-based agroforestry system addresses the economic, social, and hydrological functions of forest lands in the upper watershed.
- Seedlings move from nursery to degraded forest and private land. As a continuation of three community nurseries established in Oro-oro Ombo and Bumiaji, the ESP small grantee LMDH and Kelompok Petani Bumijaya (KPB) organized a community initiative to plant trees on 59 ha of critical state-owned forest land, 50 ha of private critical land in collaboration with GERHAN, and 45 ha of degraded apple plantation land. In Oro-oro Ombo, LMDH planted 6,150 seedlings of suren, avocado, and kemiri (nutmeg) and also provided 10,600 tree seedlings for other villages that will be planted on 27 ha of degraded forest lands. 150 community participants from KPB have planted 9,000 seedlings on degraded apple plantations.



ESP EAST JAVA

Six thousand suren tree seedlings from the LMDH community nursery have been planted on 15 ha out of a total of 1,350 ha of critically degraded Perhutani forest lands in Tulungrejo village in Batu. Community members, LMDH, MUSPIKA, Dinas Kehutanan dan Lingkungan Hidup-KLH, Perhutani KPH Malang, local NGOs, and educational institutions all actively participate in these GIRAB-sponsored tree planting events.

**Blue Thread in the Welang Subwatershed (Malang-Sidoarjo-Pasuruan)**

ESP small grantee, Yayasan Kaliandra, started conducting Pride campaign activities for the Tahura Raden Soerjo National Park. After several consultations with multistakeholders, campaign objectives were agreed upon, namely: forest fire reduction, conservation of hydrological functions, and community-based forest management. Pride campaign worked with communities to replant a total of 638 hectares in the National Park. Three steps in the implementation strategy of the Pride Campaign are being conducted as follows:

- **Awareness:** Kaliandra and ESP have facilitated seven groups of: 1) 45 community members of “Paguyuban Jum’at Legi”, 2) 670 members of two LMDH, 3) 110 members of KTT Jatiarjo, 4) 47 members of KSM as facilitator for the former 3 groups, 5) teachers of 10 elementary schools and 4 junior high schools, 6) 40 participants of women organization, 7) 250 participants of children group. The facilitation covered various types of capacity building and topics, including local curriculum development with conservation content, nursery, and ecotourism.
- **Action:** Kaliandra supported LMDH, KTT, and Paguyuban Jum’at Legi on forest rehabilitation. LMDH and Perhutani KPH Pasuruan have planted 161,000 tree seedlings on 538 ha of forest land. KTT has replanted trees in 100 ha of forest land. Paguyuban Jum’at Legi has planted trees on 4 ha of forest area around 9 springs which provide water supply to communities.
- **Policy:** Kaliandra assisted LMDH, KTT, KSM, and village leaders in the consolidation of their program with Perhutani, Balai Tahura R. Soerjo, and the private sector. Kaliandra and KSM are assisting LMDH to develop an MOU with Perhutani KPH Pasuruan to mutually manage 317 ha in Jatiarjo and 400 ha in Dayurejo. Perhutani KPH Pasuruan is also committed to sharing their 5 ha forest land to be used as an arboretum for biodiversity education.

**Blue Thread in the Brangkal Subwatershed (Kab. Mojokerto)**

Key activities and results to support the management of the Tahura R. Soerjo National Park are as follows:

- **Habitat mapping** continued this quarter and will serve as an important tool for the action management plan. Balai Tahura R. Soerjo recently shared the updated boundary of the National Park, which is being incorporated into two thematic maps: 1) habitat distribution, and 2) forest formation.
- **Village budget and planning is responsive to land rehabilitation.** ESP is seeking support from multistakeholders to support improved national park management. Results of a rapid rural appraisal (RRA) carried out in 4 villages showed that the most effective way to accommodate the community initiatives on forest rehabilitation is through the village administration. Furthermore, results of the RRA are well accepted by village heads and are now being incorporated into Village Long-Term Development Plans. As a result, issues such as forest fire prevention, degraded land rehabilitation, and improved water supply are now being programmed and budgeted in the village administration’s budgets and plans.
- **Flood Trauma Inspires Forest Rehabilitation by Youth.** In response to the terrifying experience of a big flood that swept through their village in 2002, villagers in Mojokerto have been implementing school-based forestry rehabilitation activities for the past three years, with support from one of ESP’s partners, Sahabat Lingkungan, and the school committee. The first year of the program focused on greening. In the second year, handwashing with soap was integrated into the tree planting activities. This year, 4,000 students from 35 schools planted 8,000 tree seedlings on 50 hectares of degraded land near the SMP Negeri 2 school Mojosari.

**Clean, Green and Hygiene (CGH) in Kota Malang.**

- ESP’s health and hygiene campaigns reached 592 members of health centers (posyandu) and PKK Kota Malang at the kelurahan level in Dinoyo, Mergosono, Bareng, and Arjowinangun, as well as 86 youth group (Karang Taruna) participants.
- In collaboration with Majelis Ulama Indonesia (MUI) Malang, health and hygiene issues were delivered to 40 religious leaders through a training on handwashing with soap.
- Health and hygiene campaigns are being conducted at schools (SDN Arjowinangun I, II, MI Tarbiyatul Huda, SDN Bareng I, II, SD Dinoyo I, III, and Mergosono VIII).
- In collaboration with USAID’s Aman Tirta-Safe Water Systems, ESP held a 1-day health event (“gerak jalan sehat”) that had 500 participants, who all washed their hands with soap after the event.
- Nippon Koei sponsored a workshop on solid waste management and donated \$2250 to purchase Takakura composting equipment for community groups in Malang Raya. ESP provided technical assistance to the community as well as served as a resource person at the workshop.

**Clean, Green and Hygiene in Kecamatan Kepanjen (Kab. Malang).**

- With ESP’s facilitation, Pak Cholil, head of Kampung Boro Utara, Curung Rejo, submitted a proposal to Kabupaten Malang to support the village’s sanitation improvement program. Kabupaten Malang favorably replied and has agreed to develop a community based wastewater treatment system in Curung Rejo. As part of a cost sharing arrangement with ESP to construct the sanitation facility, Kabupaten Malang has allocated 200 million Rupiah in its 2006 budget for sanitation and water supply improvements in this community. Pak Sunaryo, a resident of Curung Rejo, generously donated about 200 m2 of his land for the wastewater plant next to his home. The system will serve 102 households in neighboring Kampung Boro Utara. A community group called KSM (Kelompok Swadaya Masyarakat) was formed which will be responsible for operating and managing the facility.



ESP EAST JAVA

**Community-Based Sanitation Improvements:** Pak Sunaryo (left) and Pak Cholil stand in front of the land that Pak Sunaryo donated for the community-based waste water treatment plant, which will serve 102 households. ESP and Borda are in the process of the installation of the system, with funding from a cost sharing arrangement between ESP and Kabupaten Malang.

- The Kabupaten Malang Housing and Parks Department contributed \$1,300 to support solid waste management in Kepanjen. The money was used for communities in Kepanjeng to visit a community in Surabaya this is successfully composting. Funds were also used to conduct solid waste management training and purchasing Takakura composters for communities in Kepanjen.
- In this CGH site, sanitation is the entry point that will further be followed by water supply, health and hygiene issues, and community based solid waste management. In

collaboration with Nippon Koei, ESP is promoting community participation in solid waste management. A multi-stakeholder workshop on solid waste management was held for 25 community participants from ESP's integrated site of Kepanjen. Among the participants were also community members from ESP's integrated CGH sites in Kota Malang and Kota Batu.

#### **Anchor Site in Surabaya**

- **Wonokromo's puppet show gaining popularity in Malang:** ESP's health and hygiene campaigns are expanding into RW II and V in addition to the ongoing assistance in RW VI and VII. Positive results in the past period are well recognized by the wider community and more RWs (heads of streets) are expecting ESP's facilitation. The community puppet show initiated in Wonokromo is gaining interest from youth groups as far away as Malang. With ESP's support, the Wonokromo puppet show actors are currently sharing their puppetry techniques and health and hygiene messages with a youth group in Malang.
- ESP East Java continues to promote community-based solid waste management in a wider area. In addition to three kelurahan, during this quarter, ESP reached out to RW XI Kelurahan Kapasari to introduce various methods of composting, such as the Takakura Composter and an aerobic composter. With Dinas Kebersihan dan Pertamanan, ESP provided 20 Takakura composters and 2 aerobic composters. "We produce a lot of organic waste and we want to convert it into compost", says Ibu Wardoyo, a resident.
- The Surabaya Department of Solid Waste (Dinas Kebersihan) and World Vision donated \$1,000 worth of composting equipment to Kelurahan Gading, RW XVII.

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#### **Water Utility Sector (PDAM) Strengthening**

- **Micro-credit turns on the tap in poor households:** Within thirty days of microcredit agreements being signed between PDAM Surabaya and Bank Rakyat Indonesia (BRI) and Bank Jatim, 7 low-income families received household connections to the PDAM utilizing the microcredit program (see this month's Cover Story). By the end of the quarter, 58 additional families connected to the PDAM

through BRI, as well as 5 families through Bank Jatim. Similarly, 30 new customers in Kota Malang and 55 new customers in Kabupaten Sidoarjo can now "turn on the tap" thanks the ESP-facilitated microcredit programs with the respective PDAMs and BRI. Overall, 148 households in East Java now enjoy improved access to clean water as a result of this important initiative. Additional new connections are anticipated next quarter, especially given the recent signing of another microcredit agreement between Kabupaten Malang and BRI. The establishment of the Kabupaten Malang program brings the total number of "ESP microcredit PDAM" to four in East Java (Kota Surabaya, Kabupaten Sidoarjo, Kota Malang, and Kabupaten Malang). Importantly, all PDAM are receiving assistance from ESP's Communications Team to help publicize the program to potential customers.

- **Output Based Aid (OBA) subsidy for water is moving forward:** In January, a technical assistance team from the World Bank Washington came to Surabaya for 3 weeks to work with ESP on preparation work for increased access to piped water for poor households. A Concept Note and a proposal was developed and submitted to the GPOBA panel, and was approved in mid March for a total of \$ 2,7 million covering 16,000 poor families in coming three years. To support this, ESP conducted a pre-survey of 540 respondents to identify eligible poor households that do not currently receive piped water from PDAM Surabaya. While the grant agreement is being prepared, the PDAM, ECO-Asia, and ESP are developing a more comprehensive survey to identify and select urban poor households which can be the recipients of financial assistance to receive household connections to PDAM Surabaya.
- **Alternative Financing to Improve Energy Efficiency:** ESP is working with Dutch consulting company (DHV) and large Dutch bank (SNS\_REAAL) to develop a program for pre-financing energy saving equipment for PDAM, with PDAM Surabaya as the first pilot. The objective of the initiative is to establish a sustainable financing mechanism that allows the PDAM to install much needed equipment and then pay for it out of the energy savings achieved over a period of one to two years. To spur the development of the program, Dutch Bank SNS has agreed in principle to provide a partial credit guarantee to a domestic bank that is willing to provide the financing. In March, representatives from SNS in Holland visited Surabaya and met with the PDAM and three potential banks. Two of the three banks were strongly interested in providing the financing, and ESP is currently working with SNS and MLD to develop an MOU with the banks. The initial pilot will mobilize local financing on the order of \$200,000 to cover improvement for Water Treatment Plant Ngagel I, but PDAM in East-Java have the potential for around \$2 million local pre-financing (with partial credit guarantee by SNS\_REAAL).
- **City-wide Sanitation Surabaya:** ESP and the Local Government of Surabaya organized a half day workshop with the World Bank to discuss the possibility of linking up the recently started Citywide Sanitation Strategy by ESP and PEMDA with a possible GEF (Global Environment Fund) subsidy for community based sanitation for Surabaya. ESP facilitated senior staff from Bappenas & Ministry of Finance (Jakarta) to join, especially to discuss issues on fund-channeling. The World Bank has prepared a draft SOW to be included in the national grant requisitions (blue book). In the meantime, ESP is working with the Sanitation Working Group of Surabaya and BORDA to prepare the first of two community based sanitation systems.

### Think Nationally, Act Locally

- **Paciran is Cleaner and Greener.** Paciran is significantly cleaner and greener than it was just three months ago. With ESP's support, 50 community members and 50 cadres have been actively promoting health and environmental improvements. The Takakura and aerobic composters were provided to stimulate solid waste reduction at the household level. Following an agreement between the head of Muhammadiyah East Java and the Bupati of Lamongan, the local government is providing Rp 252 million from its local budget for solid waste and regreening programs in Paciran. Community health centers have revitalized their role in the community and now function as the health and hygiene information center. Health and hygiene messages are now being delivered through religious sermons, such as Friday prayer services and religious study groups. Two teachers have joined a training program provided by DBE 2 to learn how to use environmental issues as learning media.

### OTHER HIGHLIGHTS

- **Water Supply and Sanitation:** Multi-media Campaign 7 with the theme of Water Supply and Sanitation focused on increasing the knowledge and capacity of local journalists to cover these issues. ESP worked with the Malang chapter of the Independent Journalists' Association to facilitate a capacity building workshop to develop journalists' knowledge.
- **Sanitation Mapping:** ESP conducted citywide sanitation mapping in Kota Surabaya and Kabupaten Malang in subdistrict Kepanjen. In Kepanjen ESP is developing with BORDA very detailed sanitation mapping at the subdistrict level, which is the first of its kind in Indonesia. 77 focus group discussions were conducted to gather data in all neighborhoods in the subdistrict. This is providing comprehensive information and maps related to sanitation that the local government can use for planning and implementing sanitation programs.
- **Mini-baseline:** Mini-baseline surveys to collect data on diarrhea prevalence and behavior changes over time are being conducted in selected locations in Surabaya, Kota Malang, and Batu. The baseline data is being collected by Posyandu health care workers and youth groups that ESP has trained for this purpose.
- **Kimberly Rosen, USAID Desk Officer from Washington DC,** visited Wonokromo, Surabaya, to learn more about ESP's activities in the field.
- **Jackfruit Planting in Front Yards:** In support of ESP's Field School activities, the local government of Kabupaten Malang has provided 3,250 seedlings of jackfruit trees to residents of Curung Rejo, Kepanjen, to plant in their yards as part of the community's Initial Action efforts to regreen their neighborhoods.



# Map QPR08 East Java-I

## East Java Priority Watershed and Integrated Sites



### Legend:

- Cities
- Road network
- River network
- Priority Districts
  1. Kota Surabaya
  2. Kota Malang
  3. Kab. Pasuruan
  4. Kab. Sidoarjo
  5. Kab. Gresik
  6. Kab. Mojokerto
  7. Kota Batu
  8. Kec. Kepanjen, Kab. Malang
- Tahura Raden Soerjo boundary
- TNBS boundary
- DAS Brantas boundary
- Other districts
  1. Central Java
  2. Brangkal
  3. Sumber Brantas

- BRANTAS** Watershed name
- Brangkal** Sub watershed name
- K. Brantas* River name
- SURABAYA** District / municipality name

Focused Area for ESP Integrated Program Sites and Strategies, FY 2007:

1. Kota Surabaya:
  - Clean, Green and Hygiene (CGH) Integrated Program in Kodya Surabaya
  - PDAM Programs
2. Kota Malang:
  - Clean, Green and Hygiene (CGH) Integrated Program in Kodya Malang
  - PDAM Programs
3. Kec. Kepanjen, Kab. Malang:
  - Clean, Green and Hygiene (CGH) Integrated Program in Kec. Kepanjen, Kab. Malang
  - PDAM Programs
4. Welang Sub Watershed in Kab. Pasuruan, Malang and Sidoarjo
  - Blue Thread Integrated Program for Welang Sub Watershed
  - PDAM Programs
5. Welang Sub Watershed in Kab. Pasuruan, Malang and Sidoarjo
  - Blue Thread Integrated Program for Welang Sub Watershed
  - PDAM Programs
5. Brangkal Sub Watershed in Kab. Mojokerto
  - Blue Thread Integrated Program for Brangkal Sub Watershed
6. Sumber Brantas Sub Watershed in Kota Batu
  - Blue Thread Integrated Program for Welang Sub Watershed

Map of Indonesia



Data sources:

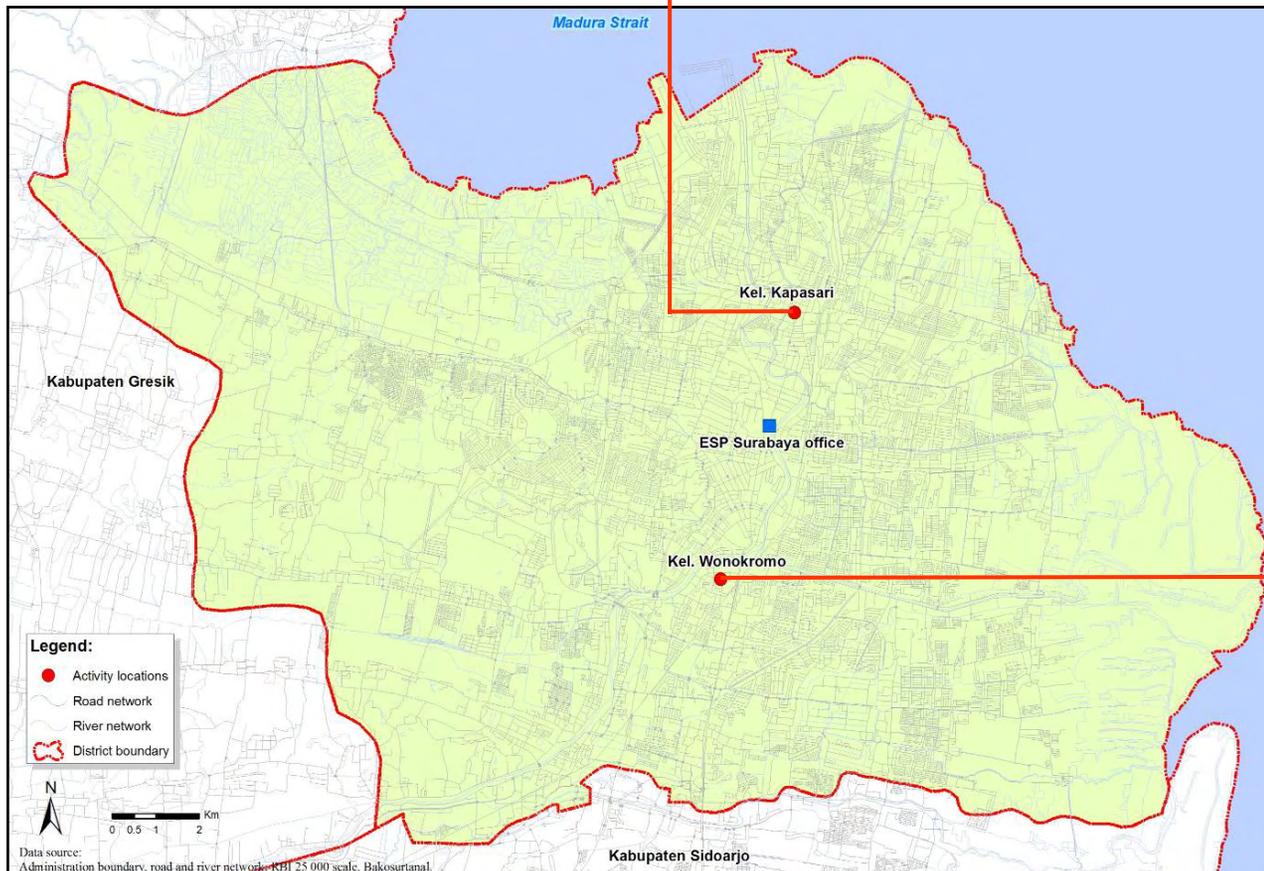
1. Administration boundaries: BPKH XI Jawa-Madura, Yogyakarta;
2. Cities, road and river network: BPKH XI Jawa-Madura, Yogyakarta; and
3. Watershed and Sub watershed boundaries: BPDAS Brantas Surabaya





**Kel. Kapasari**

**SD 5-3:** Residents of RW XI Kapasari, Kecamatan Genteng, Surabaya, installed household aerobic composters to reduce the volume of solid waste produced.



**Kel. Wonokromo**

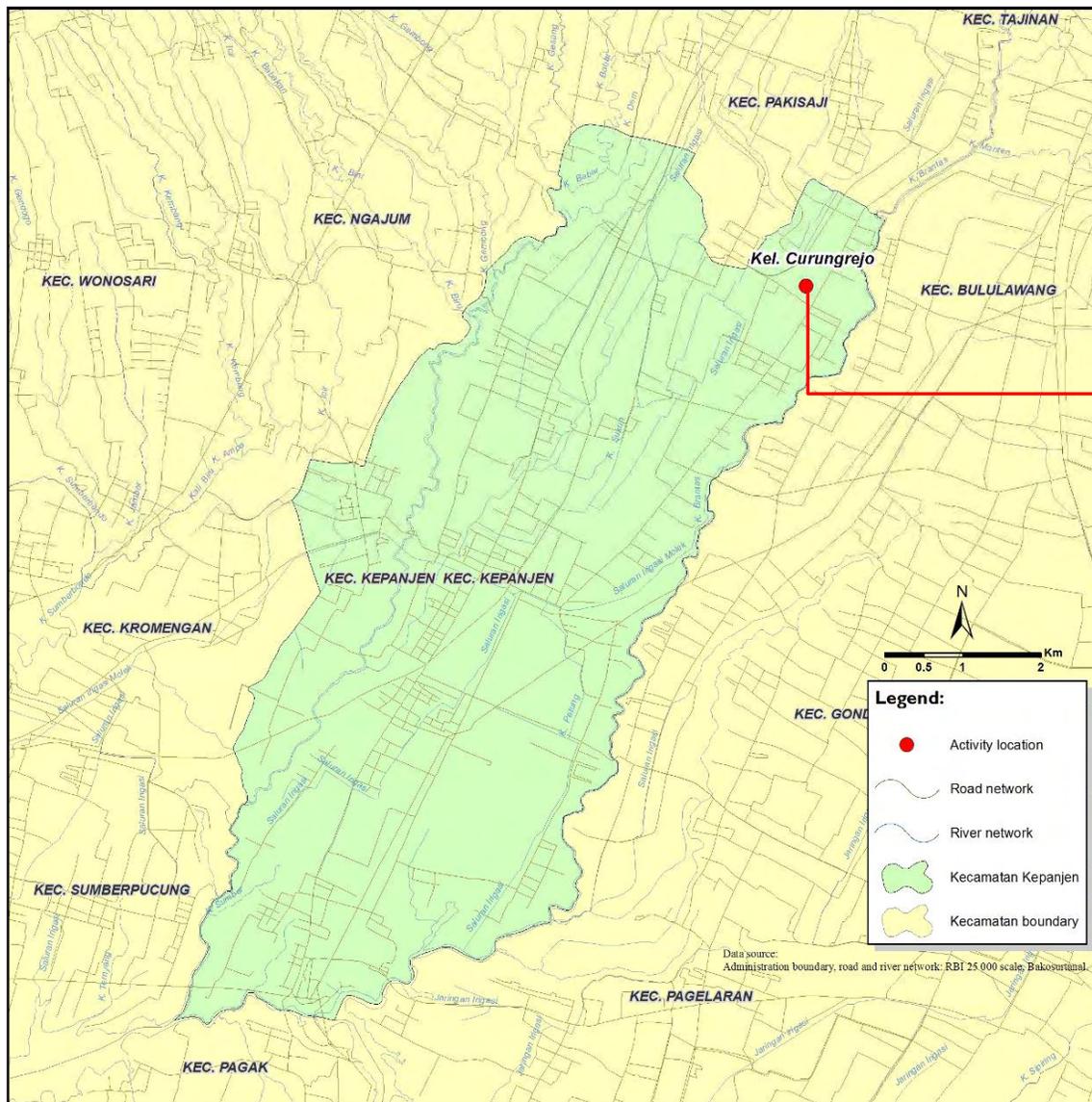


**SC 3-1:** Through a puppet show, Vivi, Pipiet, and Icha, students of Aisyiah Islamic Elementary school, Wonokromo, Surabaya, promote the importance of hand washing with soap to reduce the prevalence of diarrhea.



**SC 2-1:** Hand washing with soap campaign in the Yaphiston - Islamic school in Wonokromo.





#### Kel. Curungrejo



Previous condition in quarter 7

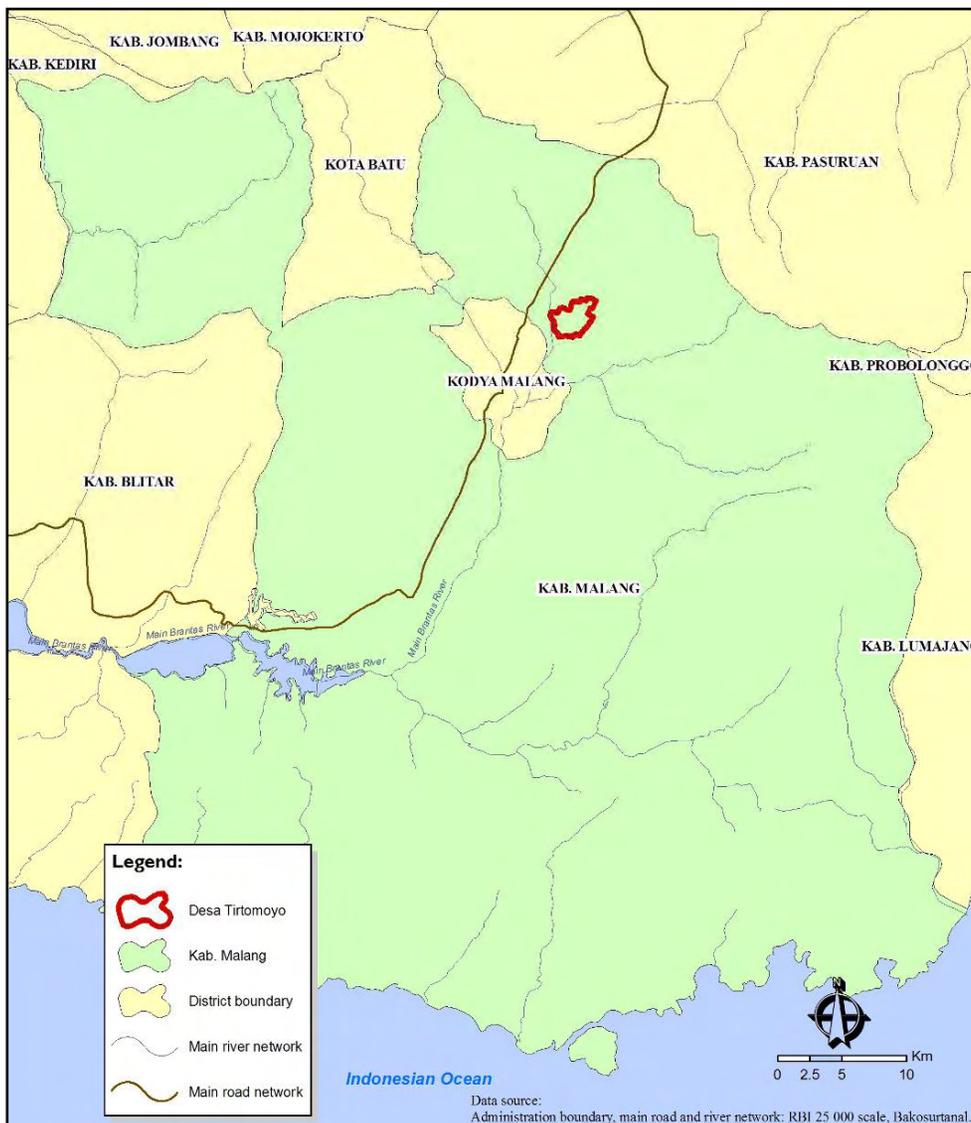


Present condition in quarter 8

**SD 4-3:** Community members with support from ESP and BORDA, constructed a communal septic tank on land donated by community members in Curungrejo, Kepanjen, to increase access to sanitation to 102 households. Previously, residents had no household or communal septic tanks.

**SC 5-2:** Journalists in Malang Raya and Surabaya visited the site and covered articles on water, health and hygiene in the local media.



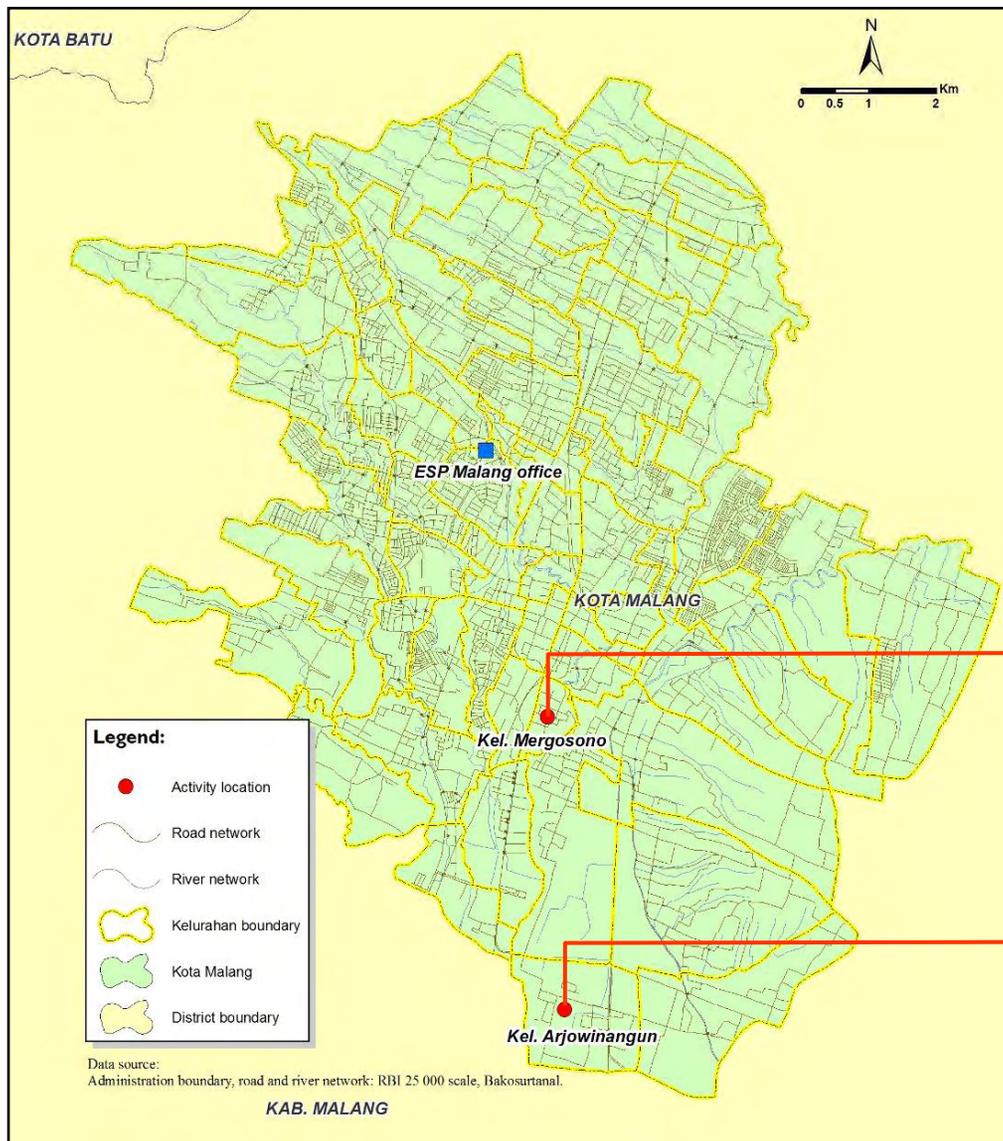


**Kab. Malang**



**SC 4-2:** PKK members of Kabupaten Malang attending community based solid waste training. During the training, they presented the results of ESP's formative research on health and hygiene behaviors of the poor.





#### Kota Malang



**SC 6-1:** ESP and Aji Malang co-sponsored a workshop on water resources and sanitation in Malang on 23-25 March 2007.



**SC 4-2:** The theme of MMC #7 is why communities need community-based sanitation systems. "Clean Friday", weekly radio talk show, is the result of collaboration between ESP, Malang News Channel, and the daily newspaper "Surya".

**SC 6-1:** The association of Independent Journalists (AJI), Malang, partnered with ESP to establish an environmental awareness journalism workshop. The aim of this workshop was to increase journalists capacity to cover environmental issues, especially sanitation.



#### Kel. Mergosono

**SC3-2:** Mergosono Youth, Santo and Mishadi, making compost to reduce the volume of household solid waste. They make and sell bamboo composting bins.

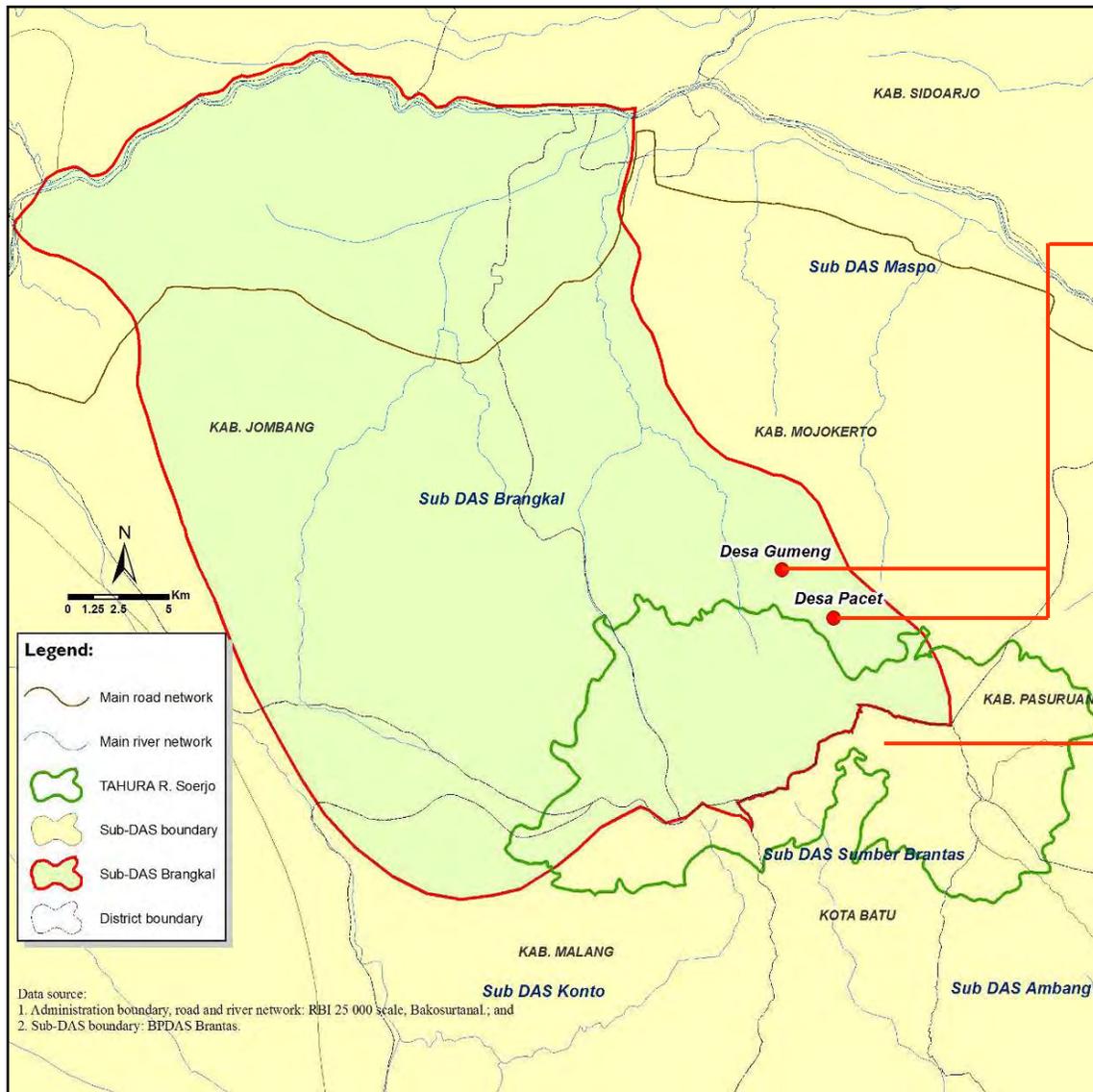
#### Kel. Arjowinangun

**SC 5-2 and SC 4-1 (MMC#6):** Mrs. Peni Suparto, the head of *Tim Penggerak PKK* Kota Malang, visiting a children health clinic in Kel. Arjowinangun.



**SC 3-1:** Mrs. Peni Suparto promoting hand washing with soap to children and health cadres.



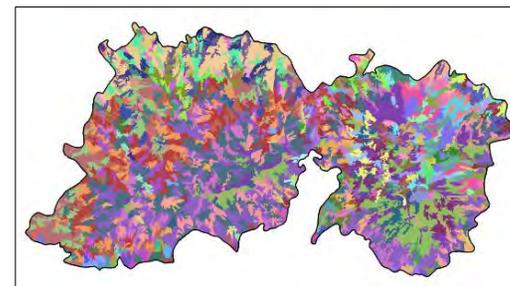


**Desa Gumeng and Desa Pacet**



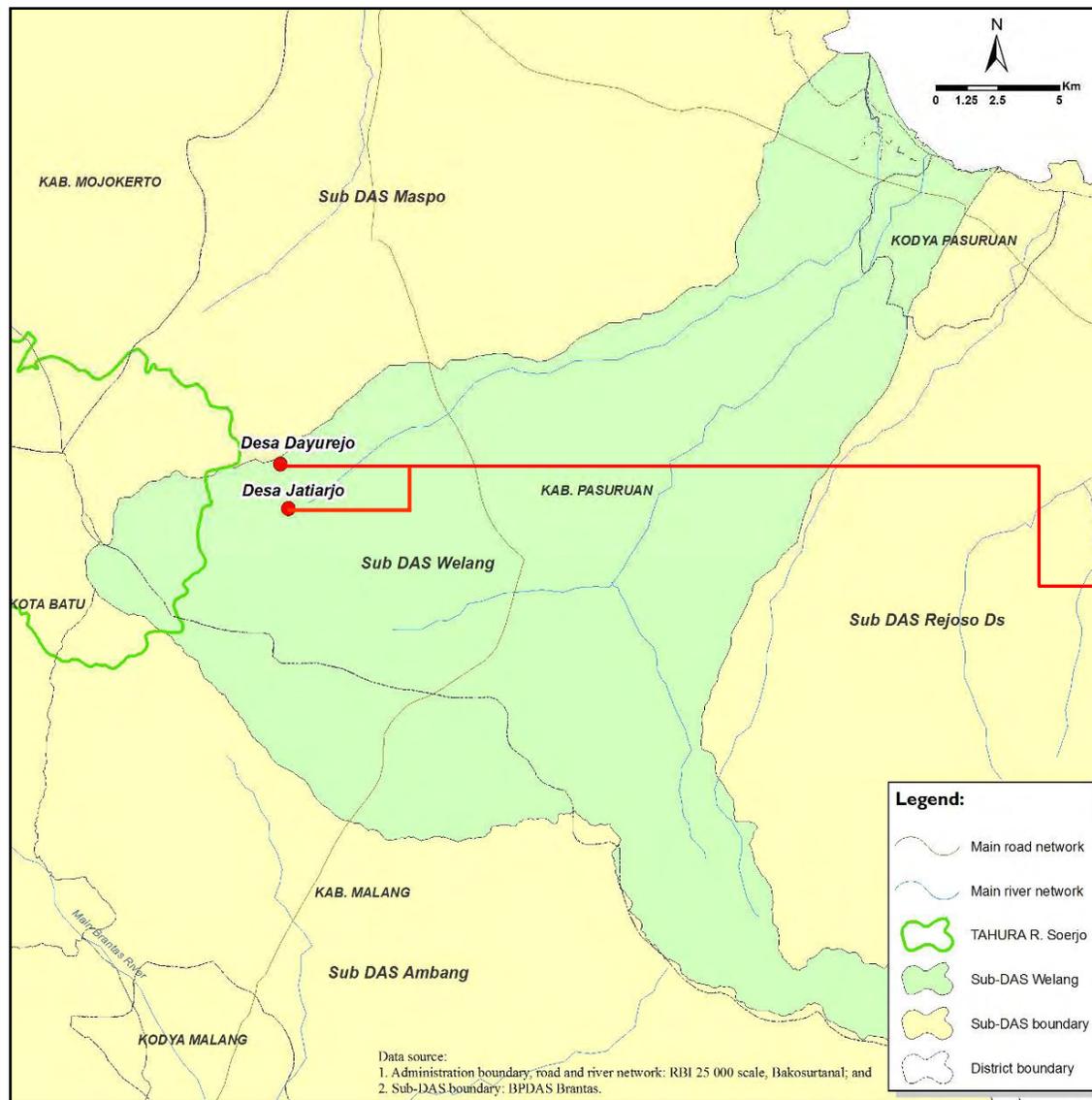
**WS 1-4:** Rapid Rural Appraisal (RRA) to develop community conservation action plan for TAHURA R. Soerjo National Park.

**TAHURA Raden Soerjo**



**WS 4-3:** GIS Habitat mapping of TAHURA R. Soerjo National Park. This baseline information will later be used to develop a management action plan for the national park.



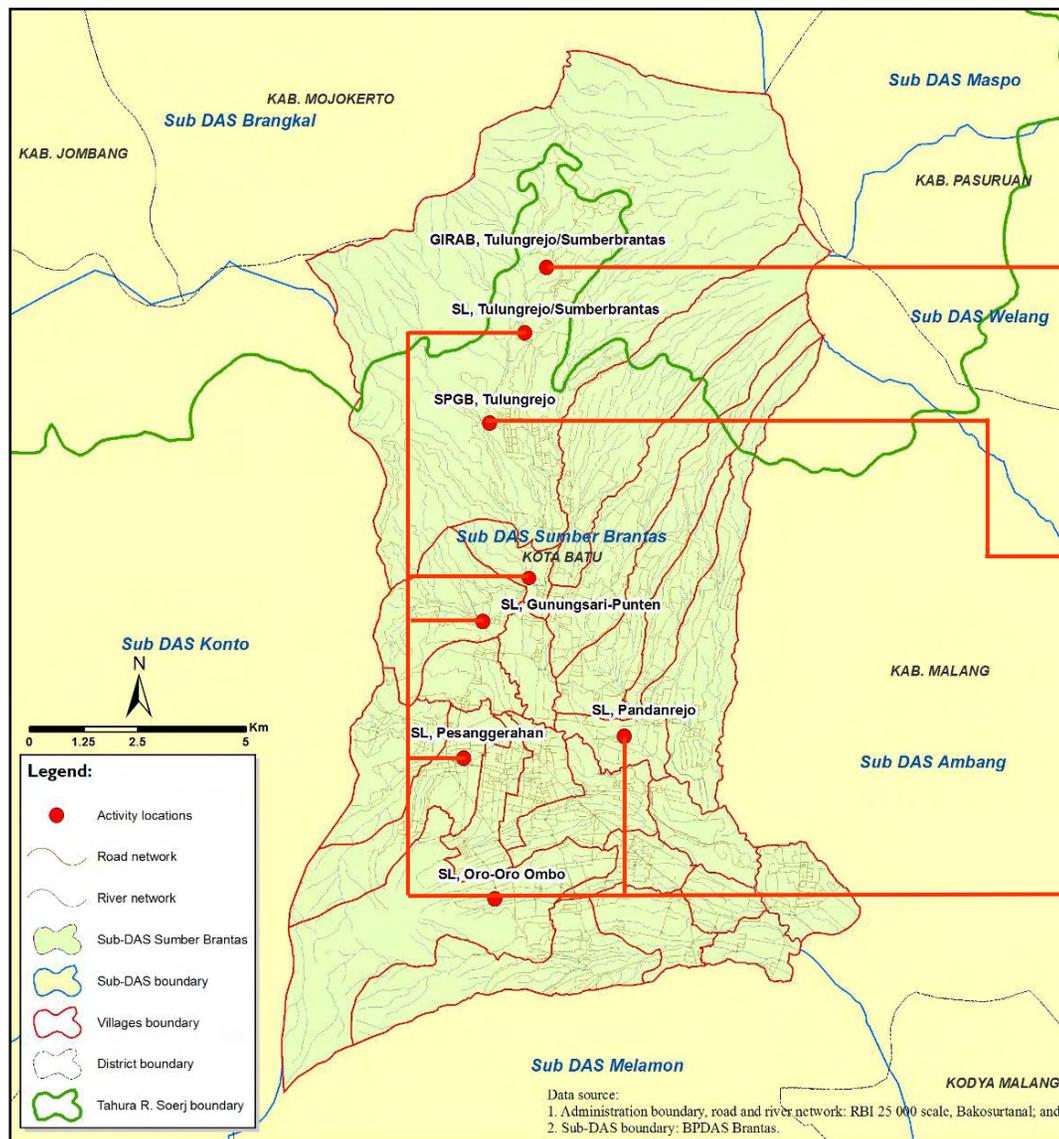


#### Desa Dayurejo and Desa Jatiarjo



**WS 3-2:** Pride campaign conducted to raise communities awareness of conservation values in Tahura R. Soerjo National Park. Here, community members are determining area to be replanted with trees.





#### GIRAB (Tulungrejo/Sumberbrantas)



**WS 2-1 and WS 3-4: GIRAB** (Gerakan Intensifikasi Rehabilitasi Alam Bumiaji) or Degraded Forest Rehabilitation Movement, is a cultural approach to re-greening in Kota Batu to rehabilitate degraded forest lands. To date, GIRAB has held 18 tree planting sessions and has replanted 100.000 trees.



**SC 5-1:** A local TV station covers the Degraded Forest Rehabilitation Movement (GIRAB) tree planting activities.

#### SPGB (Tulungrejo)



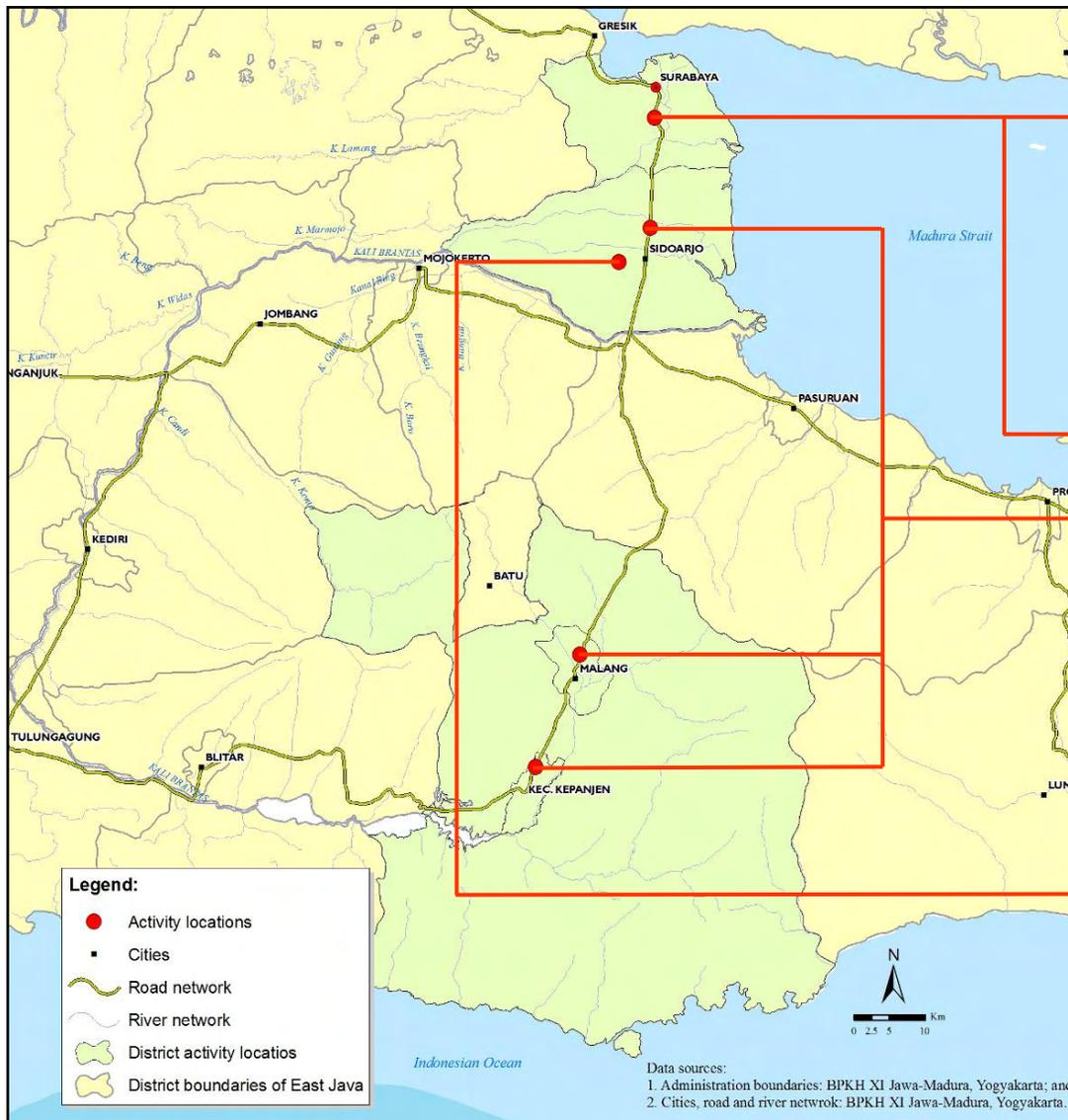
**WS 4-2: Serikat Petani Gunung Biru (SPGB)** developed a strategy to address economic, social and hydrological functions of agro-forestry and community based forest management

#### Tulungrejo/Sumberbrantas, Pandanrejo, Pesanggerahan, Punten-Gunungsari, and Oro-Oro Ombo



**WS 1-4:** Household solid waste composting training for community in Punten village.





### Surabaya



**FN 4-6 and SD 3-1:**  
Quick Survey to identify poor households were conducted for PDAM Kota Surabaya in six villages, which may become eligible for financial assistance to access water from the municipal water utility.

### Surabaya, Kab. Sidoarjo, Kota Malang, and Kab. Malang



**FN 4-3 and SD 3-1:**  
Children from *Gang Langgar Dukur*, a poor dense neighborhood in Surabaya, wash hands with soap and they were among the first residents to have household connections to the water utility under new micro credit schemes with Bank Jatim and Bank BRI.



**FN 4-3 and SC 5-2:** ESP supports a media gathering after the signing of a MoU between PDAM Kab. Malang and *Bank Rakyat Indonesia (BRI)* and Bank Jatim to provide micro credit to the poor so they can access household connections to the municipal water utility.

### Sidoarjo



**SD 3-2:** ESP conducted an assessment to possibly relocate the Porong Water Treatment Plant (WTP) of PDAM Sidoarjo due to anticipated damage caused by the Lapindo mud flow, a large scale ecological hazard in the area.





150 students and their mothers attended a hand washing with soap demonstration at school in Paciran.



**Small Grant for Muhammadiyah East Java Province**

60 cadres have been trained on hygiene improvement by ESP and Muhammadiyah East Java.



Health cadres and community members enthusiastically learn how to make handicrafts from solid waste.



200 Aisiyah members learn about the importance of hand washing with soap to reduce diarrheal prevalence.





## SECTION 3

# NATIONAL & PROGRAM MANAGEMENT UPDATES

## INTRODUCTION

In this Section, we present a more detailed account of the Program's activities at the national level as well as significant achievements related to Program Management. This Section is divided into the following Sub-Sections:

**Section 3.1 National Updates**

**Section 3.2 Program Management Updates**



## SECTION 3.1

## NATIONAL UPDATES

**WATERSHED MANAGEMENT & BIODIVERSITY CONSERVATION**

During this Quarter, the WSM Group continued to focus on Community Field School activities, Community-Based Critical Land Rehabilitation, the RARE Pride Conservation Campaigns, as well as Water Quality Monitoring activities. In addition, work was initiated in the area of Payment for Environmental Services and assistance was provided to the Ministry of Forestry for implementing rules for Integrated Watershed Management.

- **ESP WSM Field Schools in Operation.** With the 36 Field Assistants returned to their provincial community locations, they have now assimilated into the Community Field School activities and are operating at full throttle. This method has dramatically increased both the level of and effectiveness of ESP activities in the affected communities, resulting in increased community awareness of the need and methods for protecting water resources, reforestation, improving solid waste management in the villages, attending to the need for improved sanitation, and improvements in health and hygiene behavior changes incorporating hand washing with soap for small children. This method is participatory, stimulating and even fun for the community committees in inspecting, evaluating, and arriving at solutions for problems that heretofore were ignored and not addressed.
- **Community-Based Critical Land Rehabilitation.** Planting of seedlings and the creation and maintenance of nurseries under ESP guidance is taking place in all high priority provinces, and is being replicated by numerous local governments and private organizations, both on large and small scales. It is gratifying to see the Ministry of Forestry seriously taking up the issue of reforestation and collaborating with ESP in land rehabilitation in critical watersheds such as in Cianjur District in West Java and other locations in East Java and North Sumatra.
- **Biodiversity Conservation.** As a result of the RARE Pride Conservation Campaigns (see final bullet) getting into full gear in five different provincial locations, as well as the community-based critical land rehabilitation gaining momentum, improvement in the quality of protected areas and habitats is taking place.
- **Water Quality Monitoring and Training.** Water Quality reports were finalized and presented during this quarter for Kabupaten Bogor in West Java, and for Aceh and North Sumatra. More is reported in the respective regional sections. Work is in progress and scheduled for completion in Central Java and East Java in the coming quarter.
- **Payment for Environmental Services.** In the area of PES, ESP participated in and made a presentation at an international workshop on Payment for Environmental Services in Lombok in January 2007. Following that, ESP facilitated meetings with RMI and other partners to discuss PES further.
- **Integrated Watershed Management Regulations.** Technical meetings were conducted with the Ministry of Forestry RLPS during this period regarding the socialization process for the new implementing rules and regulations for Integrated

Watershed Management, culminating in a workshop on March 8, 2007. This decree incorporates significant elements of ESP's participatory planning and management processes.

- **Pride Campaigns.** All Pride campaign local partners finalized their Project Plans this quarter. The combined objectives of the campaigns include improved management of 34,720 ha of forest with high biodiversity conservation value and the rehabilitation of 1150 ha of forest land. In addition, the Pride Campaigns will reach out to total of 95,400 people in the target sites.

While finishing their campaign plans during the reporting period, the partners also started campaign activities. In Central Java, a drawing competition with the theme of "My Village's Nature" involved 30 local primary school students resulting in five winners. The contest was strongly supported by the local leaders and schools, and received good local media coverage. Agus Wiyono in East Java, gave presentations to key institutions, Perhutani and Tahura R. Soerjo. Both were impressed with the campaign's objectives and activities and expressed their enthusiasm and support for this campaign. Cut Meurah Intan and her team identified points of tiger-human conflict in villages of Jantho sub-district to provide input to the planning strategy. Zakiah and her team met with the local Forestry Office, BKSDA, and other local NGOs to learn more about their potential flagship species. Fransisca and her supervisor started to build initial relationships and support with BKSDA Aceh to support the target site collaborative management. All of the campaign managers started preparing the artwork with local artists that will form the basis for the design of posters, fact-sheets, badges, and mascots.

## ENVIRONMENTAL SERVICES DELIVERY

The National program of the Environmental Services Delivery team continued further supporting and developing some key technical programs in fields of water supply (both PDAMs and community based), and sanitation program, as well as providing information to and collaboration with numerous donor agencies. The following list shows some of the highlights:

- **Increase Water for the Poor.** In late February the World Bank (Washington office) submitted a proposal to GPOBA, prepared together with ESP and PDAM Surabaya, which was approved mid March. The purpose of the proposal is to utilize an OBA subsidy of US\$ 3 million (over a period for 3 years) to connect 15,500 poor households in Surabaya to piped water from PDAM Surabaya. The PDAM itself will also contribute around \$1 million USD through the expansion of the secondary and tertiary distribution network. Over the coming six months, the World Bank team (in collaboration with ESP and the PDAM) will prepare a detailed implementation plan, which will include all financial, institutional, technical, and legal issues. Additional support for this important program has come from the regional USAID program ECO-Asia, which arranged an exposure visit of PDAM staff with Manilla Water in March. Also, Eco-Asia will further organize and fund the first poverty mapping program with PDAM Surabaya to identify poor households to be connected to PDAM.
- **PDAM Energy Efficiency Audits.** As noted in the Environmental Services Finance subsection, a proposal for supporting a PDAM Energy Efficiency investment program is under preparation by DHV, SNS bank & ESP, and will be submitted to Partners for

Water, Dutch funded, in April. If the proposal with PfW is approved, work will start from June '07 onwards. It is hoped that a successful pilot in Surabaya can then be replicated in other PDAMs in 2008.

- **PDAM Standard Operating Procedures (SOP) programs.** ESP's Environmental Services Delivery team (in collaboration with the Environmental Finance team), started a program at PDAM request to help develop proper PDAM Standard Operating Procedures (SOPs). Initial SOP development is currently ongoing with PDAM Subang, Kab. Bogor, Cianjur & Kota Bandung. Another four PDAM (Sleman, Surakarta, Malang, and Kota Bogor) have already expressed strong interest to join in the second round. Topics being developed currently focus on financial issues (billing & budgeting), customer relations (meter reading, handling complaints), technical (meter installation, laboratory) and institutional (human resource development). PDAM staff will sit with ESP to determine the existing procedures and the best system to improve them. ESP then assists the PDAM staff themselves to draft the new SOPs. 50 SOPs have already been developed by the four participating PDAMs.
- **ESP Sanitation Program.** Development of city-wide sanitation strategies is ongoing with four participating PEMDA (Padang, Medan, Surabaya, Malang), including citywide sanitation mapping as well as the installation of the first batch of Community Based Sanitation facilities (in Deli Serdang, Medan and Kab. Malang) which will cover over 300 households. A new development in this initiative is that the Asian Development Bank (under The Department of Public Works) is also planning a similar program ESP program locations (including Medan, Yogyakarta, and Bandung). Numerous discussions over the past two months resulted in a collaboration (ADB-ESP) for the overlapping cities: Medan, Yogyakarta, and Kota Bandung. The ESP Regional team will provide the local contacts & facilitation and the ESP National team will support with national coordination (with ISSDP & Bappenas), as well as providing specific expertise in development of participatory strategies action plans. It is expected that all locations will have draft strategic actions plans by September 2007.
- **INDOWATER 2007.** Programming for this Water and Waste water conference has been further discussed with organizers and local lawyer company, interested in promotion of financing programs. Revised program includes a whole day (Thursday 21<sup>st</sup>) on Municipal Finance combining ESP program/experience (am) and investment forum on sanitation (pm) ; then on Friday 22<sup>nd</sup> June three parallel USAID sessions will talk about: citywide sanitation promotion/marketing (jointly with Eco-Asia), increased access to water supply for poor households (also jointly with Eco-Asia) and Point of Use/Safe Water systems (with SWS/Cinta Air)

**Donor Discussions.** The Environmental Services Delivery team had discussions with many (largely planned) donor programs over the reporting period. Besides the customary meetings with the World Bank and Asian Development Bank (covering both Water Supply and Sanitation topics), ESP met with different Dutch programs (sanitation, PDAM and CB Water Supply), UNICEF (sanitation), SIDA (sanitation and solid waste), AUSAID (PDAM), JICA (PDAM) and GTZ (sanitation and CB Water Supply). Whilst this shows the growing reputation of ESP in the WATSAN field, with regard to providing information, best practices and idea's, it also highlighted a need for increased donor coordination by the National Government, which will be discussed in future meetings with Bappenas and WASPOLA.

## ENVIRONMENTAL SERVICES FINANCE

This quarter the Environmental Services Finance (ESF) team continued to make progress on all aspects of the ESF portfolio, including improved operating ratio, debt rescheduling, microcredit, alternative financing, and Payment for Environmental Services (PES). While detailed descriptions of this work are presented in the regional sections, the following section provides an overview of the ongoing initiatives, highlighting trends across the provinces.

### Improved Cost Recovery and Debt Rescheduling

During the reporting period ESP expanded assistance towards the improvement of cost recovery to two PDAMs in North Sumatra: PDAM Kabupaten Karo and PDAM Kabupaten Langkat. Specifically, ESP is assisting the PDAMs in the preparation of their corporate plans, including a financial projection and proposed tariff adjustment. The first drafts of the corporate plans are expected to be completed in April 2007.

ESP assistance to PDAMs to restructure outstanding loans and arrears is also well underway. As of the close of the reporting period, ESP had received five formal requests for assistance (PDAM Kota Bogor, PDAM Kota Bandung, PDAM Kota Sukabumi, PDAM Kabupaten Purwakarta, and PDAM Kota Medan). The preparation of the debt restructuring proposal for Kota Bogor is already underway, while the proposals of the remaining utilities are expected to commence in the coming quarter<sup>1</sup>.

### Strengthening the Enabling Environment for Domestic Borrowing

The second quarter of Program Year 3 saw the achievement of a major regulatory milestone regarding domestic borrowing. In March, ESP and the regional USAID program ECO-Asia submitted the Standard Operating Procedures (SOP's) for the regulation on municipal bonds. The Ministerial

### The “What” and “Why” of Debt Restructuring.

With the recent release of the technical guidelines for debt restructuring by the Ministry of Finance (MOF), assisting PDAM's to develop a restructuring proposal has emerged as a major aspect of the ESF portfolio.

To provide a brief background, 224 of the 318 PDAM's in Indonesia are currently indebted to the MOF, with a cumulative debt of approximately IDR 6.2 trillion. Nearly 50% of this amount represents PDAM “arrears,” that is, debt payments that are past due and are therefore accumulating penalties. While the reasons for the accumulation of this outstanding debt vary from one utility to the next, the root causes include poorly developed and “centrally-driven” projects, the lack of cost recovery tariffs, the exploitation of PDAM revenues by local governments, and the Asian Monetary Crisis.

In late 2006 the MOF released new guidelines for the restructuring of outstanding debt. These guidelines outline a sequential, three-step process for eligible PDAM's to follow: (1) debt rescheduling, (2) interest rate reduction, and (3) the write-off of outstanding debt. ESP's role will be to assist PDAM's in the High Priority Provinces to prepare the debt restructuring proposal based on the recent guidelines, including the preparation of an analysis of existing conditions, a financial projection, and a capital expenditure plan.

Why is debt restructuring of such great importance? Without addressing overdue debts, utilities will be unable to access the new financing that is so desperately needed to expand their services. Working with PDAMs to restructure arrears is therefore critical not only to improving the overall financial health of utilities, but, more broadly, to increasing access to clean water across the country.

<sup>1</sup> Note that, based on the latest information released by PDAM Kota Bogor, due to the utility's plan to use a World Bank Loan to finance its investment plan, the PDAM will be required by the Ministry of Finance to pay off its arrears within FY 2007, and maintain payment for the outstanding loans as scheduled.

Regulation on Municipal Bond (numbered 147/ PMK.07/2006) entitled “ Tatacara Penerbitan Pertanggungjawaban, dan Publikasi Informasi Obligasi Daerah” was issued in January 2007. The SOP’s provide step-by-step instructions to municipalities considering a bond issuance. The drafting of the SOPs was carried out by municipal legal specialist Irawati Hermawan and Partners, with additional input from experts from both ESP and ECO-Asia. The next step will be to socialize or disseminate the SOPs to local governments. ESP has one candidate for the pilot project for municipal bonds issuance, i.e. Kota Balikpapan. A potential municipal bond was considered last year in Balikpapan was delayed due to the absence of the regulatory guidelines.

### **Alternative Financing for PDAMs**

While the regional sections of this report address ongoing financing initiatives with PDAMs in detail, a brief summary is as follows:

- In *Kabupaten Bogor*, ESP is assisting the PDAM to achieve a credit rating from domestic rating agency Pefindo Credit Rating Indonesia. ESP and the PDAM are sharing the cost of Pefindo’s services, which were selected through a competitive bidding process. The rating –which is expected to be completed the first week of April 2007 – represents a milestone for water utilities in that it will be the first publicly operated water utility in the country to achieve a rating.
- In *Kota Solo*, ESP is providing assistance with a Public Private Partnership (PPP) scheme for a bulk water supply project in Kawasan Bengawan Solo with the capacity of 300 liters per second. ESP will provide financial analysis for the bids received by PDAM Kota Solo. An additional capital expenditure for the construction of a 100 liter per second water treatment plant is also under consideration.
- In *Kota Sidoarjo*, the PDAM has three potential investment programs: (1) the relocation of the Porong water treatment facility (100 l/s), (2) the construction of transmission and distribution pipes to channel bulk water supply project from Krabayakan water source, Kab. Malang, and (3) construction of a new WTP in Umbulan. The first priority is the relocation of Porong WTP. The likely source of financing is a loan from a commercial bank backed by a partial credit guarantee.
- In *Kota Surabaya*, ESP is working with local consulting firm MLD and the Dutch Bank SNS, to advance a scheme to finance energy efficiency equipment for the PDAM. The objective of the initiative is to establish a sustainable financing mechanism that allows PDAMs to install much needed equipment and then pay for it out of the energy savings achieved over a period of one to two years. To spur the development of the program, Dutch Bank SNS has agreed in principle to provide a partial credit guarantee to a domestic bank that is willing to provide the financing. In March, representatives from SNS in Holland visited Surabaya and met with the PDAM and three potential banks. Two of the three banks were strongly interested in providing the financing, and ESP is currently working with SNS and MLD to develop an MOU with the banks.

### **Micro-Credit for Financing Low-Income Water Connections**

Through the end of December 2006, a total of six PDAMs had signed Master Agreements with domestic banks for microcredit (Kab. Bandung, Kab. Subang, Kota Sukabumi, Kota Malang and Kab. Sidoarjo, and Kota Surabaya). From January through March 2007, two additional PDAMs signed Master Agreements: Kabupaten Malang and Kota Solo. Internal training to socialize the microcredit procedures within the PDAMs and domestic banks was also completed for all PDAMs during the reporting period.

Importantly, the microcredit programs facilitated by ESP are now leading to actual connections. Within thirty days of a microcredit agreement being signed between PDAM Surabaya and Bank Rakyat Indonesia (BRI), for example, 7 low-income families received household connections to the PDAM utilizing the microcredit program (see this month's Cover Story). By the end of the quarter, 58 additional families connected to the PDAM through BRI, as well as 5 families through Bank Jatim. Similarly, 30 new customers in Kota Malang and 55 new customers in Kabupaten Sidoarjo can now "turn on the tap" thanks the ESP-facilitated microcredit programs with the respective PDAMs and BRI. Overall, 148 households in East Java now enjoy improved access to clean water as a result of this important initiative.

In order to ensure that the number of new connections continue to grow, ESP is also working with each PDAM to develop a promotional strategy to reach the targeted communities. Included in this assistance is the design of sample promotional materials to be used by the PDAMs and the bank branches to publicize the program. ESP will continue to monitor the utilization of the program and advise on possible adjustments to the promotional strategies as needed.

**Payment for Environmental Services (PES)**

ESP grantee RMI completed the Payment for Environmental Services Study (which included a series of stakeholder workshops) and submitted their final report during the reporting period. The report consists of a desk study of past experiences in the implementation of PES in Indonesia (e.g. Kawasan Gunung Ciremai in West Java, DAS Way Besay in Lampung, and Lombok Barat in Lombok), as well as an assessment of potential PES schemes in the Deli Watershed in North Sumatra and the Progo Watershed in Central Java.

Based on the results of the study as well as input from ESP's Regional Offices, ESP identified sites to implement pilot PES initiatives in the High Priority Provinces. For example, in the Deli Watershed ESP will focus on Lembah Sibayak, where PT Aqua Danone (the proposed "buyer" of environmental services) will provide compensation to two villages (the proposed "sellers: of environmental services) for conservation measures taken to preserve a natural spring. Similarly, in the Progo Watershed in Central Java, ESP is working with nine villages to implement a protection program for a natural spring. One village—which surrounds the spring—is envisaged as the "seller," receiving compensation for conservation measures from the other villages that draw water from the spring.



A sample design for a poster advertising the microcredit program. The title reads, "Connect First, Pay Later!"

## STRATEGIC COMMUNICATIONS FOR BEHAVIOR CHANGE

During this quarter, ESP's Strategic Communications team completed a series of new campaign materials on hygiene improvement, including pamphlets, posters, leaflets and displays materials. Also, three hygiene improvement training modules for cadres and Field Schools were also completed this quarter.

The quarter saw the launching of preparations for a major hygiene promotion campaign. In order to build positive public awareness of and commitment to proper Hand Washing with Soap in Indonesia, ESP is working with the Coordinating Ministry of Peoples' Welfare (Menk Kesra), other GOI agencies, donors, donor projects and the private sector to facilitate a one-day national event to set the Indonesian record for the Most People Washing Their Hands with Soap. The preparations during the quarter included mobilizing an event team and soliciting the support of other donors and the private sector. The event will be held nationally, in Jakarta, as well as at a number of provincial and district capitals across the country. The event will take place next quarter on Sunday, May 6, 2007, to commemorate National Education Day. The event will target primary school students and their parents, and will include a balance of fun, games and entertainment with health and hygiene awareness. National and local media will attend, ensuring broad-based coverage in Indonesia's print and electronic media. ESP hopes to mobilize at least 7,500 students and parents to participate in this event, to wash their hands with soap, and to be part of a national record.

The "Mini Baseline" (or 10 minute monitoring) on hygiene improvement began data collection during the reporting period. The Mini Baseline will be used to monitor diarrhea prevalence and behavior change in Posyandu cadres throughout ESP provinces (except Aceh). All together, 900 households were covered by this survey, and the results are reported in this quarterly report.

As planned, the Multi Media Campaigns (MMC) continued to roll out this quarter across ESP regions (except NAD) to communicative messages related to "Water Quality and Health." A "sub-theme" of the quarter was, "Why community based sanitation system?" In association with the campaign, ESP East Java and ESP North Sumatra formulated a partnership with major local media providers to regularly place campaign issues in the public eye through dedicated radio slots and newspaper placements.

In March, ESP and its partners implemented events to commemorate World Water Day throughout the High Priority Provinces. The theme of World Water Day this year was, "Coping with Water Scarcity." Events included a wide range of activities, including photo exhibitions, students based events, media discussions, group discussions, and community events. The involvement of key decision makers during the events also added credibility to the important message.

These activities resulted in at least 72 articles in a range of media, including local media, KOMPAS (the 'Water Day' special edition), the Pikiran Rakyat news supplement on sanitation issues, and front page news in Radar Yogya and Bernas, two major newspapers in DI Yogyakarta.

In addition, the Public Outreach and Communications team provided support in developing a promotional strategy of "Micro Credit for Financing Low-income Water Connections" As a result, a set of promotional materials are produced and distributed to related stakeholders.



**SECTION 3.2.**

# PROGRAM MANAGEMENT UPDATES

## INTRODUCTION

Section 3.2 provides an update on broader Program Management issues, including program operations and reporting, the small grants program, and monitoring and evaluation.

## SMALL GRANTS



The small grants program is an important mechanism for ESP to achieve impact at the local level. To date the activities funded by the small grants program are progressing well, making a direct contribution to behavior change for better health and hygiene, increasing access to clean water and improved sanitation and solid waste management systems, community-based land and forest rehabilitation initiatives, and decentralized collaborative conservation management initiatives. The program is directly benefiting the rural poor in urban,

peri-urban, and rural villages. Up to this quarter, ESP has funded 28 small grants programs totaling almost \$500,000 USD, or 50% of total small grants program funding. These small grants activities are scattered across the 6 high priority provinces. A total of 9 small grants programs have been successfully completed (of which 5 are located in North Sumatera) while the remaining 19 are progressing well. Looking forward, ESP is planning to have an equal distribution of small grants programs in the 6 HPP for year 2008. The distribution anticipated is as follows:

Number	Region	Total Small Grants Program*	Total Grants \$
1	Aceh	3	75,000
2	North Sumatera	3	75,000
3	West Java	3	75,000
4	Central Java/DI.Yogyakarta	4	100,000
5	East Java	3	75,000
6	DKI Jakarta	2	50,000
7	National	2	50,000
<b>TOTAL</b>		<b>20</b>	<b>500,000</b>
		* Total Small grants Programs depends the value of each grant with a maximum of \$25,000 per grant.	

The start up of the 2008 small grants program will begin with the preparation and planning in May 2007, and ESP is anticipating implementation of field activities by September 2007.

## MONITORING AND EVALUATION

The ESP Monitoring and Evaluation (M&E) program consists of two types of M&E activities: quantitative and qualitative monitoring. The quantitative monitoring is based on ESP's Performance Monitoring Plan (PMP) while the qualitative monitoring is mainly presented through human interest stories of the people benefiting from ESP interventions. These stories are collected as part of ESP's Longitudinal Study activities.

Quantitative Monitoring and Evaluation activities conducted during the quarter are as follows:

- Follow-up TAMIS training for technical and administrative staff;
- Data collection of PMP reporting through TAMIS; and
- Data collection and analysis of ESP Ten Minute Monitoring/Mini Baseline on hygiene practices and diarrhea reduction. This activity collaborated was carried out in collaboration with ESP's Health and Hygiene Team.

Quantitative Monitoring and Evaluation activities conducted during the quarter are as follows:

- ESP Longitudinal Study: The profiles of the ESP Longitudinal Study Sites were completed, and the first story of the ESP Longitudinal Study is on going;
- Incorporating the qualitative results of the ESP Ten Minutes Monitoring/Mini Baseline as part of monitoring of hygiene behavior change of the people effected.

## SECTION 4

# PROJECT MONITORING & EVALUATION

## INTRODUCTION

This section presents progress toward ESP Outcomes and Indicators as presented in the *Performance Monitoring Plan*. ESP achievements are presented under the following components:

- **Cross Cutting Themes/Integration;**
- **Watershed Management and Biodiversity Conservation (WS);**
- **Environmental Services Delivery (SD);**
- **Environmental Services Finance (FN); and**
- **Environmentally Sound Design and Implementation in Aceh (EA)**



**ESP Progress based on PMP**

Period: January – March 2007

**Component: Cross Cutting Theme/Integration**

<b>Deliverable</b>	<b>Indicator</b>	<b>Third Year Target</b>	<b>Progress</b>
Leveraging other financial support for Environmental Services Program	<ol style="list-style-type: none"> <li>1. Level of funding to support ESP activities</li> <li>2. Number of Public Private Partnership (PPP) developed to support ESP activities</li> </ol>	<ol style="list-style-type: none"> <li>1. \$ 1,020,500 (\$ 2,000,000 over project life)</li> <li>2. 14 PPPs (25 PPPs over project life)</li> </ol>	<ul style="list-style-type: none"> <li>• Total leveraging for this period is <b>\$15,372.11</b>. This amount was leveraged from total <b>11 PPPs</b> in North Sumatra, West Java, Central Java and East Java. See details information of the leveraging in the Table D-1 (Annex D).</li> <li>• To date, total leveraging to support ESP activities is <b>\$1,970,572.11 (98.45%</b> of the life-of-project target). Total PPPs developed up to this quarter is <b>38</b> (this achievement <b>exceeds</b> the life-of-program target).</li> </ul>
Program Collaboration to support the Strategic Objective (SO) of Basic Human Services (BHS)	Number of integrated program activities between ESP and other USAID Programs	Twenty five (25) joint program activities conducted by ESP and other USAID partners (10 joint program activities over the project life)	<ul style="list-style-type: none"> <li>– In this Quarter, ESP conducted <b>nine collaborative program activities</b> with other USAID Programs in NAD, North Sumatra and DKI Jakarta. Detailed information regarding specific integrated activities between ESP and other USAID’s Program is attached in Table D-2 (Annex D).</li> <li>– To date ESP has conducted a total of <b>37 integrated program activities</b> with other USAID programs. This achievement exceeds the life-of-program target.</li> </ul>
Public Outreach and Communication	<ol style="list-style-type: none"> <li>1. Number of campaigns supported by ESP</li> <li>2. Number of campaigns supported by ESP partners/stakeholders</li> <li>3. Number of advocacy materials produced</li> </ol>	<ol style="list-style-type: none"> <li>1. Twenty two (22) campaigns supported by ESP (80 campaigns supported by ESP over project life)</li> <li>2. Twelve (12) campaigns supported by ESP partners/ stakeholders (40 campaigns supported by ESP partners over project life)</li> </ol>	<ul style="list-style-type: none"> <li>• During this Quarter, ESP conducted <b>8 campaign activities</b> across the HPPs that consisted of Multi Media Campaigns, and campaigns supporting WSM and SD issues. The campaigns supporting SD issues were mostly to commemorate World Water Day.</li> <li>• From those campaign activities mentioned above, a total of <b>6 sets of campaign materials</b> were produced and used during this Quarter.</li> <li>• In this Quarter, only <b>1 campaign activity</b> was conducted by an ESP Partner in West Java (K3A and WPL)</li> <li>• In total, Campaigns conducted this Quarter are estimated to have reached at least <b>408,441,977 people</b></li> </ul>

**Component: Cross Cutting Theme/Integration**

Deliverable	Indicator	Third Year Target	Progress
		3. Twenty two (22) set of advocacy materials produced (80 sets of materials produced over project life)	<p>The detailed information on the achievement of POC activities is attached in Table D-3 (a), (b), (c), and (d) in Annex D.</p> <ul style="list-style-type: none"> <li>Regarding cumulative achievements to date, ESP has already conducted <b>32 campaign activities (40%)</b> and <b>17 campaigns by ESP partners (42,5%)</b>. A total of <b>34 sets of campaign materials (42,5%)</b> have been produced to date. These materials have been used for all campaign activities.</li> </ul>
Participation in ESP trainings and workshops	Number of people that participate in ESP trainings and workshops	Four thousand and eight hundred (4,800) people trained (12,000 people trained over project life)	<ul style="list-style-type: none"> <li>This Quarter, <b>5,092 people participated</b> in ESP trainings, workshops and seminars. The average participation rate of women in ESP events was <b>33.60%</b>. A total budget of <b>\$87,294.59</b> was spent for the training activities during this quarter.</li> <li>To date, a total of <b>15,559</b> people have participated in ESP trainings, workshops, and seminars. The average female participation to date is <b>26.95 %</b>. The cumulative expenditure for training activities through this quarter is <b>\$676,590.12</b></li> <li>The participation rate of women in ESP events increased this Quarter, compared with the previous quarter which was <b>19,99%</b>.</li> </ul> <p>See the details information on this achievement of this outcome in Table D-4 in Annex D</p>

**Component: Watershed Management and Biodiversity Conservation (WS)**

Outcome	Indicator	Third Year Target	Progress
WS Outcome #1 – The formation of adequate policies at the local level to recognize the tenure and/or access rights of communities to manage their forests and watershed areas, and implement transparent and participatory district-level management of forests, thus reducing conflict and illegal logging	Number of new policies recognizing land tenure and access rights of communities to manage forest land and watershed area	Twelve (12) local policies (5 new policies over project life)	<ul style="list-style-type: none"> <li>To date, ESP has initiated 15 local policies across the HPPs. <b>Eight of them are completed</b> as of the close of this quarter. This achievement <b>exceeds</b> the life of program target. The signed local policies are in the form of Village Regulation (Perdes) and MoUs between communities and third parties. These policies are on land tenure and access of the community to manage their forest and watershed area.</li> <li>The rate of completion of local policy development ranges from <b>25% to 100%</b>. The details concerning the achievement of the local policy development across the HPPs are attached in the Table D-5 in Annex D.</li> </ul>
WS Outcome #2 – In each High Priority Province, improvement of watershed function in areas supplying water to urban centers and PDAMs as measured by a 50% increased in rehabilitated land (total area of degraded land where trees, commercial or non-commercial are planted)	Increase in area of rehabilitated land and forest, presented as percentage and in hectares	6,282 hectares rehabilitated (50% = 35,320 ha over project life)	<ul style="list-style-type: none"> <li>ESP continued to conduct community nursery activities in order to support land rehabilitation program across the HPPs during this Quarter. The seedlings needed for the land rehabilitation program not only come from these community nurseries but are also contributed by other institutions, such as ESP partners, local government, the private sector, and even the self funding of communities groups.</li> <li>Total achievement of the land rehabilitation program during this quarter in all HPPs is <b>4,426.5 ha (70,46% of the target of Program Year 2007)</b>.</li> <li>To date achievement of the land rehabilitation program is <b>29,931.15 ha (84.74%</b> of the total target over the life of the program).</li> <li>The details concerning the achievement of this outcome in all provinces during Program Year of 2007 are attached in the Table D-6 in Annex D of this report.</li> </ul>

**Component: Watershed Management and Biodiversity Conservation (WS)**

Outcome	Indicator	Third Year Target	Progress
WS Outcome #3 – In each High Priority Province, the area of forest with high biodiversity conservation value under improved, local management increases by 50%	Increase in forest area with high biodiversity value under improved, local management, presented as percentage and in hectares	43,071 hectares with high biodiversity value under improved, local management (50% = 82,650 ha over project life)	<ul style="list-style-type: none"> <li>• Up to this quarter, <b>61,754.15 hectares</b> of area with high biodiversity value were placed under improved, local management. This achievement is <b>74.72%</b> of the total target over the life of the program.</li> <li>• The achievement above comes from 7 protected areas across the HPPs. Starting this program year, ESP no longer works in West Sumatra. So, the total hectares above excludes the Tahura Bung Hatta in West Sumatra.</li> <li>• The description of the achievement in each HPP is attached in the Table D-7 in Annex D.</li> <li>• There are several activities that have been conducted to support the achievement of this outcome in all HPPs:               <ul style="list-style-type: none"> <li>○ NAD: discussion with Forestry Services Office on Tahura management plan, involvement of community in land rehabilitation of Tahura and establishing of Multi Stakeholder Forum in Saree (Forum Alur Mancang Saree) and Pride campaign.</li> <li>○ N. Sumatra: support for establishment of Multi Stakeholder Forum of Tahura Bukit Barisan including the management plan of the Tahura</li> <li>○ W. Java: support for development of collaborative action plan of TNGP</li> <li>○ C. Java/Yogyakarta: finalization of the work plan of Pride campaign in 8 villages surrounding the Potorono Hill</li> <li>○ E. Java: Habitat Mapping, Management action plan by community and Village Government (through RPJM/Rencana Pembangunan Jangka Menengah) and Pride Campaign in collaboration with Kaliandra Foundation through ESP Small Grant Program.</li> </ul> </li> </ul>

**Component: Watershed Management and Biodiversity Conservation (WS)**

Outcome	Indicator	Third Year Target	Progress
WS Outcome #4: In Aceh, improvement in watershed function with additional focus on the coastal margin directly impacted by the tsunami, as measured by implementation of at least 15 targeted community-based land rehabilitation activities	Number of people benefiting from community-based land rehabilitation activities in coastal areas and coastal watersheds impacted by the tsunami	3,000 people benefiting from community-based coastal rehabilitation activities in targeted areas (5,820 people benefiting from community-based coastal rehabilitation activities in targeted areas over project life)	<ul style="list-style-type: none"> <li>• <b>A total of 3,970 people</b> benefited from community-based coastal rehabilitation activities in Aceh Jaya (west coast corridor) during this quarter.</li> <li>• To date, a total of <b>12,950 people</b> have received benefits from ESP coastal rehabilitation activities. This achievement <b>exceeds</b> the total target over the life of the project. The detailed information concerning this achievement is attached in the Table D-8 in Annex D.</li> <li>• The coastal rehabilitation activities that were conducted during this quarter include: community nursery, coastal rehabilitation program, community forum development, and establishment of new community groups along the coastal rehabilitation.</li> </ul>
WS task #1 – Development of Watershed Management Plans	Number of WSM plans actually have funds for implementation	12 WSM plans developed (Total 34 WSM plans developed over project life)	To date, ESP has initiated the development of 13 WSM plans across the HPPs, with <b>one WSM plan</b> completed in West Sumatra last year. The remaining WSM plans under development range from <b>10 to 91</b> percent complete by the end of this quarter. One of WSM plan developed for Tangsi sub-watershed in Central Java has been recognized and launched by the head of Magelang District. The details of this outcome are attached in Table D-9 in Annex D.
WS 1-4 Community groups supporting improved natural resource management created	Number of community groups implementing activities to improve natural resource management	101 community groups implement activities to improved NRM (cumulative) (250 community groups implement activities to improved NRM over project life)	<ul style="list-style-type: none"> <li>• In This Quarter ESP started working with <b>61 new community groups</b> across HPPs to improve natural resource management. The details concerning the community groups working with ESP are attached in Table D-10 in Annex D.</li> <li>• Below is the detailed information on the progress toward this outcome for each HPP: <ul style="list-style-type: none"> <li>○ <b>NAD: 40 new community groups</b> established to support the improved NRM. A total of 36 community groups conducted NRM activities in Krueg Aceh watershed, west coast corridor and Ulu Masen area.</li> </ul> </li> </ul>

<b>Component: Watershed Management and Biodiversity Conservation (WS)</b>			
<b>Outcome</b>	<b>Indicator</b>	<b>Third Year Target</b>	<b>Progress</b>
			<p>While a total of 4 community groups are involved in PRIDE conservation campaigns in Singkil District that is under supervision of ESP Medan team.</p> <ul style="list-style-type: none"> <li>○ <b>N. Sumatra: 4 new community groups</b> have been supported by ESP in Karo and Deli Serdang districts during this quarter.</li> <li>○ <b>W. Sumatra: 4 new community groups</b> have been supported by ESP in Kota Padang through the implementation of the ESP Field Schools and its follow up activities</li> <li>○ <b>W. Java: 1 new community group</b> was supported by ESP. ESP continues to support the existing 8 community groups in Subang, Cianjur, Bogor and Sukabumi that were established during the first quarter of the program year of 2007.</li> <li>○ <b>C. Java:</b> continues to support the 15 existing community groups in Tangsi Sub-watershed through the implementation of ESP WSM Field School.</li> <li>○ <b>E. Java:</b> in this Quarter ESP East Java continues to work with the existing ESP community groups. During this quarter, ESP worked with <b>12 new community groups</b> on activities supporting natural resource management in Kota Malang, Pasuruan, Kota Batu and Malang District.</li> </ul> <ul style="list-style-type: none"> <li>• To date, ESP has worked with a total of <b>228 community groups</b> across the HPPs. This total achievement represents <b>91.2%</b> of the total target over the life of the program.</li> </ul>

**Component: Service Delivery (SD)**

Outcome	Indicator	Third Year Target	Progress
SD Outcome #1 – Technical operation and financial management of at least 33 PDAMs is improved, resulting in a 20% increase in revenues from existing water production. A minimum of 3 of these PDAMs shall be in Aceh	Number of PDAMs providing better services	Total cumulative 26 PDAMs (33 PDAMs over project life)	<ul style="list-style-type: none"> <li>Progress description for SD Outcomes #1 and #2 is combined, because ESP activities with PDAMs often contributes to both outcomes at same time.</li> <li>To date, ESP has been working with <b>28 PDAMs</b>, including active involvement with 20 PDAMs during this quarter. Total number of engaged PDAMs is <b>84.85%</b> of the total target over the life of the program.</li> <li>The PDAM Performance Index (PMP indicator for SD#1) increased in last 6 months, on average, <b>by 26.87%</b>. Detailed breakdown per PDAM can be found in Table D-11 (Annex D)</li> </ul>
SD Outcome 2 – Population with access to clean water is increased by 20% in ESP geographic areas except for Aceh. In the tsunami impacted areas of Aceh, population with access to clean water is doubled	Percent and number of household that use an improved water source	38,261 Household that use an improved water source (20% increase = 140,000 HH over project life)	<ul style="list-style-type: none"> <li>Number of people with access to clean water (PMP indicator for SD#2), increased in last 6 months by <b>93,885 people</b> (a <b>1.19% increase</b>). This increase includes new PDAM connections, community-based water supply, and connections financed by the microcredit scheme. Detailed breakdown per PDAM can be found in Table D-12 in Annex D.</li> <li>Increased access to clean water is a combination of both PDAM and non-PDAM (Community Based) water supply systems. The contribution on new connections from microcredit program is calculated under PDAM connections.</li> </ul>

Below is a summary of activities conducted in the quarter, in support of SD outcomes 1 and 2:

- NAD:** continue supporting development of Corporate Planning and meter reader training for PDAM Aceh Besar, household census for PDAM Aceh Barat, water quality monitoring for PDAM Aceh Besar, Banda Aceh and Aceh Barat. Community Based systems developed for 5 communities.
- N. Sumatra:** ESP staff continued on-the-job and classroom trainings on basic water supply, transmission and distribution network system analysis for PDAM staff from Karo, Langkat and Sibolga. Draft report FS for improving WTP for PDAM Sibolga

**Component: Service Delivery (SD)**

Outcome	Indicator	Third Year Target	Progress
			<p>ready. Financial section of corporate Plans for PDAM Karo and Langkat completed.</p> <ul style="list-style-type: none"> <li>• <b>W. Java:</b> supporting community-based water supply in Cianjur district, including installation and training for hidram pump. Household census with PDAM Kota Bogor is 75% completed; Customer census with PDAM Cianjur is under preparation and will start in April. Assessment of PDAM Purwakarta laboratory is completed and now awaiting purchase of recommended equipment by PDAM, before development of SOP and training will start. SOP are being developed with PDAM Subang, Cianjur, Kota Bandung and Kab. Bogor. ESP is supporting initiative from PDAMs Bandung (Kota and Ka), Subang and Sumedang to collaborate on raw water protection.</li> <li>• <b>C. Java/Yogya:</b> A combined program of customer census and non-revenue water reduction study for selected pilot commenced with PDAMs Yogyakarta, Kab Magelang, and Kota Surakarta. Community Based Water Supply program with Local NGO supported (through ESP small grant) in Tangksi Watershed, collaboration SD and WSM team.</li> <li>• <b>E. Java:</b> ESP SD team provided technical inputs to PDAM Kab. Malang expansion plan in 5 sub-districts and to PDAM Kab. Sidoarjo for their planned NRW reduction program. Assessment of relocation of WTP Porong of PDAM Sidoarjo and distribution network modeling for PDAM Gresik is under preparation. Furthermore ESP provided substantial support to PDAM Surabaya and Worldbank for preparation of OBA application to increase access to 15,000 poor households. Application was approved in March. ESP also collaborates with ECO-Asia to conduct a poverty mapping survey to locate and select poor households to be connected under the OBA program. ESP is also supporting proposal to Dutch Government for pre-financing of pumping equipment to reduce operational</li> </ul>

<b>Component: Service Delivery (SD)</b>			
<b>Outcome</b>	<b>Indicator</b>	<b>Third Year Target</b>	<b>Progress</b>
			cost together with PDAM Surabaya. PDAM Kab. Malang signed agreement for micro-credit with BRI. To date, 4 PDAMs of Surabaya, Sidoarjo, Kota and Kab. Malang have the financing cooperation with BRI. PDAMs Surabaya and Kota Malang already started making connections under the micro-credit scheme.
SD Outcome 3 – In Aceh, at least 20 return communities have developed and are implementing improved water quality, sanitation and solid waste management	Number of return communities in Aceh develop and implement improved water quality, sanitation and solid waste management	10 return communities (20 return communities over project life)	<p>During this quarter ESP added <b>13 new return communities</b>. These communities are located in three Districts: Aceh Barat, Banda Aceh and Aceh Besar.</p> <p>Below is the detailed information on the progress of the activities in new return communities:</p> <ul style="list-style-type: none"> <li>• Four (4) communities in Meuraxa (Banda Aceh) prepared proposal for World Bank investment.</li> <li>• One (1) communal septic system renovated in Mon Bongon (Lamkruet/Aceh Besar).</li> <li>• Two (2) communities in Lhoong (Aceh Besar) with Field School program working on solid waste and water issues.</li> <li>• One (1) community, in Suka Damai (Aceh Besar), Blue Thread. Activities on community-base water supply began in November.</li> <li>• Four (4) communities in Lampuuk (Lhok Nga, Aceh Besar) organizing user groups.</li> <li>• One (1) community in Penagan Rayak, Meureboh, (Aceh Barat) is building a communal septic system.</li> </ul> <p>Achievement to date under this outcome: <b>27 return communities</b> in Aceh Barat, Banda Aceh and Aceh Besar have implemented improved water quality, sanitation and solid waste management. The detailed information on this achievement is attached in Table D-13 in Annex D</p>

**Component: Service Delivery (SD)**

Outcome	Indicator	Third Year Target	Progress
SD Outcome #4 – At least 5 sewage treatment proposals are developed in conjunction with local or provincial government and submitted to international development banks, such as Japanese Bank for International Development (JBIC), for funding consideration	Number of sewage treatment proposal developed and to be funded by international development bank	N/A (5 proposals over project life)	<ul style="list-style-type: none"> <li>In this quarter, ESP continued to work with four Local Governments (Medan, Surabaya, Padang and Kab. Malang) for development of citywide Sanitation strategies ; the city wide mapping by BORDA was presented to respective LG and training program for LG staff is now being finalized. Detailed Kecamatan mapping has started in Kab. Malang.</li> <li>ESP also agreed to collaborate with ADB in their new citywide sanitation program, but only in the cites within ESP target areas (Medan, Bandung and Yogyakarta). A joint workshop with ISSDP, ESP and ADB was conducted in Blitar and representatives of LG Pokja to determine all step in development of citywide sanitation strategies.</li> <li>Detailed information on achievement of this outcome is attached in Table D-14 in Annex D.</li> </ul>
SD Outcome #5 – At least 15 solid waste management plans are developed and implemented. Of these, a minimum of 5 community plans for restored and new facilities will be developed and implemented for return communities in Aceh	Number of community-based Solid Waste Managed Systems (SWMS) developed and implemented	<p>a) Total cumulative 23 SWMSs (15 SWMSs over project life)</p> <p>b) Total cumulative 13,225 people benefiting from the SWMSs</p>	<ul style="list-style-type: none"> <li>To date, ESP has initiated <b>32 Community Based SWMS</b> across the HPPs with <b>three of them already completed</b>. These systems will benefit an estimated <b>11,795 people</b>.</li> <li>The stages of development are different for each respective system. Please see the detailed status in Table D-15 in Annex D.</li> <li>Below is a summary of ongoing/completed systems for each HPP: <ul style="list-style-type: none"> <li><b>NAD:</b> 3 systems ongoing in Aceh Besar (2 systems) and Banda Aceh (1 system)</li> <li><b>N. Sumatra:</b> 8 systems ongoing in Medan (2 systems), Deli Serdang (4 systems) and Karo (2 systems).</li> <li><b>W. Java:</b> 6 systems ongoing in Kota Bandung (1 system) Cianjur (3 systems) and Subang (2 systems).</li> <li><b>C. Java:</b> 5 systems ongoing in Yogyakarta (2 systems) Sleman (1 systems) and Kab. Magelang (2 systems)</li> </ul> </li> </ul>

<b>Component: Service Delivery (SD)</b>			
<b>Outcome</b>	<b>Indicator</b>	<b>Third Year Target</b>	<b>Progress</b>
			<ul style="list-style-type: none"> <li>○ <b>E. Java:</b> 3 SWM systems completed in Surabaya (Wonokromo, Gading and Ketabang), with ESP still continues to monitor the systems. Another 7 SWM systems have been started in Surabaya, Kota and Kab. Malang, Kota Batu and Lamongan (in collaboration with ESP Grantee).</li> </ul>
SD Outcome 6 – At least 25 Small Scale Sanitation Systems (SSSS) are developed and implemented. Of these, a minimum of 5 community plans for restored and new facilities will be developed and implemented for return communities in Aceh	Number of small scale sanitation plans developed and implemented	<ul style="list-style-type: none"> <li>a) Total cumulative 19 SSSSs (20 SSSSs over project life)</li> <li>b) 9,055 people benefiting from the SSSSs</li> </ul>	<ul style="list-style-type: none"> <li>● To date, ESP has initiated development of <b>23 community-based sanitation systems (SSSS)</b> across all HPPs that will benefit an estimated <b>6,500 peoples. Two of the systems were completed</b> last year with a total of <b>680 beneficiaries.</b></li> <li>● The stages of development are different for each respective system. Please see the Outcome Details in Table D-16 in Annex D.</li> <li>● Below is a summary of ongoing/completed systems for each HPP: <ul style="list-style-type: none"> <li>○ <b>NAD:</b> 6 systems ongoing in Aceh Besar (2 systems), in Aceh Jaya (1 system) and in Aceh Barat (3 systems).</li> <li>○ <b>N. Sumatra:</b> 5 systems ongoing: Medan (3 systems) and in Deli Serdang (2 systems). 4 with BORDa one with ESP small grant.</li> <li>○ <b>DKI Jakarta:</b> 1 systems ongoing (in Central Jakarta) and 2 systems planned (West Jakarta and North Jakarta) all with Mercy Corps</li> <li>○ <b>West-Java:</b> 2 systems completed in Kab. Bandung ; furthermore 1 system already started with PDAM Subang and 2 systems in preparation with PDAM Kota Bandung.</li> <li>○ <b>C. Java/DIY:</b> 1 system ongoing in Magelang District with local community.</li> </ul> </li> </ul>

Component: Service Delivery (SD)			
Outcome	Indicator	Third Year Target	Progress
SD Outcome #7 – The precursor needed to impact childhood diarrheal disease (clean water and sanitation) are contributed to the BHS effort to reduce in the incidence of childhood diarrheal disease and mortality	Proportion of household that adopted adequate health and hygiene practices within ESP project sites	5% increased (= 235 HH)  (5% increased= 235 HH over project life)	<ul style="list-style-type: none"> <li>○ <b>East Java:</b> 4 system ongoing in Kab. Malang (2 systems) and Surabaya (1 system) both with BORDA. For Batu ESP still supporting system improvement in Temas by connecting households to the to the already constructed Wet Land system.</li> <li>• Starting this year, ESP already conducted a household survey through Ten Minute Monitoring/Mini Baseline (which will be conducted every six months). A total of <b>913 respondents</b> were involved in the monitoring activities.</li> <li>• From the first data collection of Ten Minute Monitoring/Mini Baseline, we found that the average incidence of <b>diarrhea in the last two weeks is 18%</b>. The <b>highest</b> diarrhea incidence is in <b>Lamongan District</b> and the <b>lowest</b> rate is in <b>Cianjur District</b>. This result has direct correlation with hand washing with soap practices. In the area where percentage of hand washing with soap in the 5 critical times are high and properly done, the rate of diarrhea incident is low, whereas for the area which has poorer hand washing with soap practices (e.g. not using soap or running water or clean towel) tends to have a higher incidence of diarrhea (such as the case of Deli Serdang, with 28% incidence of diarrhea). Or in Lamongan, where the frequency of practicing hand washing with soap in 5 critical times was rare, the incidence is reported to be 40%, way above the national data of 26% and the average on this survey (18%).</li> <li>• The <b>highest percentage</b> of hand washing with soap is directly before eating. The second highest percentage is <b>after disposing</b>. Washing <b>one's hand before preparing a meal</b> was found to be <b>practiced the least among respondents</b>. On average, only 34.5% of respondents washed their hands with soap before preparing a meal,</li> </ul>

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**Component: Service Delivery (SD)**

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Outcome	Indicator	Third Year Target	Progress
			<p>compared to 52.6% of respondents before eating the meal (with some areas reaching as high as 80-90%, such as Central Jakarta, Bandung City, Cianjur and Subang districts). This result is also indicative of program impact. The areas with better hand washing practices are areas where ESP has longer and more comprehensive programs on hygiene improvement with the communities.</p> <ul style="list-style-type: none"> <li>• The detailed information regarding this achievement is attached in Table D-17 in Annex D.</li> </ul>

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**Component: Environmental Services Finance (FN)**

<b>Outcome</b>	<b>Indicator</b>	<b>Third Year Target</b>	<b>Progress</b>
FN Outcome #1 – At least (30) operate on a cost-recovering basis and those in default of old SLA and RDA debts begin repayment	Number of PDAMs operate on a full cost recovery	Two (2) PDAMs ( 30 PDAMs over project life)	<ul style="list-style-type: none"> <li>• Please note that this Outcome is currently being considered for revision. The proposed wording is as follows: “At least 30 PDAMs individually demonstrate an improved operating ratio and those in default of old SLA and RDA debts are assisted in the preparation and submission of proposals to restructure outstanding debt.” This wording takes into consideration the need to focus on incremental change with the respective PDAMs, as well as the recently issued debt restructuring guidelines from the MOF.</li> <li>• ESP received five formal requests for assistance (PDAM Kota Bogor, PDAM Kota Bandung, PDAM Kota Sukabumi, PDAM Kabupaten Purwakarta, and PDAM Kota Medan) for the preparation of the debt restructuring proposals this quarter. While Kota Bogor may not require a debt restructuring proposal due to their plan to undertake a World Bank Loan, the proposals of the remaining utilities are expected to commence in the coming quarter. Indeed, data collection has already begun for most utilities.</li> <li>• The drafts of the corporate plans of PDAM Karo and Langkat (North Sumatera) are expected to be completed in April 2007. The implementation of these plans—which includes a tariff adjustment—will provide a significant boost to the respective Operating Ratios of the two PDAMs.</li> </ul>
FN Outcome #2 – Regulatory boards for PDAMs are established and operating in each high priority province and empowered by the DPR-D to regulate tariff increases	Number of regulatory boards established to regulate the development of tariff increases for PDAM	0 (1 over project life)	<ul style="list-style-type: none"> <li>• Please note that this outcome is currently being considered for revision The proposed outcome is: “An improved enabling environment for domestic investment and borrowing as indicated by the adoption of at least one ESP-assisted central government regulatory guideline”. This modification reflects the recent institutional changes at the national level.</li> <li>• In March, ESP and the regional USAID program ECO-Asia submitted the Standard Operating Procedures (SOP’s) for the regulation on municipal bonds. The Ministerial Regulation on</li> </ul>

**Component: Environmental Services Finance (FN)**

Outcome	Indicator	Third Year Target	Progress
FN Outcome #3 – At least 10 DCA projects for investment in the environmental services sectors are developed and implemented	Number of projects related to environmental services sectors that execute a guarantee agreement with DCA developed and implemented	0 (10 over project life)	<p>Municipal Bond (numbered 147/ PMK.07/2006) entitled “Tatacara Penerbitan Pertanggungjawaban, dan Publikasi Informasi Obligasi Daerah” was issued in January 2007. The drafting of the SOPs was carried out by municipal legal specialist Irawati Hermawan and Partners, with additional input from experts from both ESP and ECO-Asia. The next step will be to socialize or disseminate the SOPs to local governments.</p> <ul style="list-style-type: none"> <li>• Please note that this Outcome is currently being considered for revision. The proposed wording is as follows: “At least 10 PDAMs or local governments are assisted in the development of plans to access commercial financing through DCA or other means,”</li> <li>• ESP continued its efforts to assist <i>Kabupaten Bogor</i> in accessing commercial finance. The major achievement of the quarter was the conducting of a corporate credit rating by PT Pefindo. The rating, which is expected to be completed the first week of April 2007 – represents a milestone for water utilities in that it will be the first publicly operated water utility in the country to achieve a rating.</li> <li>• In <i>Kota Surabaya</i>, ESP is working with local consulting firm MLD and the Dutch Bank SNS, to advance a scheme to finance energy efficiency equipment for the PDAM using commercial financing. To spur the development of the program, SNS has agreed in principle to provide a partial credit guarantee to a domestic bank that is willing to provide the financing. In March, representatives from SNS in Holland visited Surabaya and met with the PDAM and three potential banks. Two of the three banks were strongly interested in providing the financing, and ESP is currently working with SNS and MLD to develop an MOU with the banks.</li> </ul>

Component: Environmental Services Finance (FN)			
Outcome	Indicator	Third Year Target	Progress
			<ul style="list-style-type: none"> <li>• ESP is also working on financing plans with <i>Kota Solo</i> and <i>Kota Sidoarjo</i>. In <i>Kota Solo</i>, ESP will assist the PDAM in attracting a commercial investor to expand treatment capacity. In <i>Kota Sidoarjo</i>, financing from a domestic commercial bank is under consideration to relocate a water treatment plant.</li> </ul>
FN Outcome #4 – At least 5 PDAMs achieve credit rating from an international credit rating agency	Number of PDAM received national credit rating certificate	0 PDAM (5 PDAMs over project life)	Please note that this Outcome is currently under consideration for deletion. A credit rating is integral to bond offerings to ensure market acceptance. Therefore, it is not necessary to set this as a separate activity. Rather, a credit rating should be carried out when it is associated with a specific financing agenda.
FN Outcome #5 – At least 1 local government, province or PDAM is assisted in the preparation for issuance of a revenue or general bond	Number of PDAM, Local Government and or province successfully received additional revenue from obligation bond	N/A (1 over project life)	ESP's assistance to PDAM Kab. Bogor in the preparation of bond issuance continued to move forward this quarter in the form of a corporate credit rating. Please see Outcome 3.
FN Outcome #6 – At least 15% of Aceh program activity resources are used to leverage private sector resources to expand the impact and geographic coverage of ESP	<ol style="list-style-type: none"> <li>1. Amount (\$) of funding generated from public or private sector to expand the impact of ESP outcomes in Aceh</li> <li>2. Number of PPP developed to expand the impact of ESP outcomes in Aceh</li> </ol>	<ol style="list-style-type: none"> <li>1) \$ 200,000 (\$ 400,000 over project life)</li> <li>2) 5 PPPs (20 PPPs over project life)</li> </ol>	<ul style="list-style-type: none"> <li>• During this quarter, ESP Aceh has leveraged for a total <b>amount of \$30,000</b>. This amount was received from 3 PPPs. The details information on leveraging and the partnership is attached in Table D-18 in Annex D.</li> <li>• The fund leveraged in this quarter is used to support the training activities led by ESP on spatial planning and water quality testing. Also to provide composting equipments for community in Jruak Balee – Aceh Besar</li> <li>• <b>To date, a total of \$12,374,500 has been leveraged</b> to support the program implementation in Aceh that come from 13 PPPs. This achievement exceeds the total target of the life project.</li> </ul>
FN 3-1 Increase PDAM coverage through micro finance scheme	Master loan agreements related to microfinance outlining the responsibilities of the parties	(Eight) 8 master agreements (11 master agreements over project life)	<ul style="list-style-type: none"> <li>• In this quarter, <b>5 new master agreements</b> have been signed by PDAMs in West Java, Central Java and East Java.</li> <li>• To date, <b>a total of 11 master agreements</b> have signed (including 1 master agreement that signed last year) by 8 PDAMs in West, East and Central Java.</li> </ul>

**Component: Environmental Services Finance (FN)**

Outcome	Indicator	Third Year Target	Progress
FN 3-2 Assist four watershed in raising alternative finance	Number of watersheds receiving alternative finance	Two (2) watersheds have draft Perda related to alternative finance  (4 watersheds area received alternative finance over project life)	<p>Below is the details information on the progress have been made in <b>this Quarter</b> toward this outcome:</p> <ul style="list-style-type: none"> <li>• <b>W. Java: one new master agreement</b> signed by PDAM Kabupaten Subang and BRI, especially for Pamanukan area. ESP has facilitated the promotion of micro-credit program with PDAM Kab. Subang.</li> <li>• <b>C. Java/DIY: one new agreement</b> has signed by PDAM Kota Surakarta and BRI. PDAM targets 4700 to 6000 new connections through micro credit for this year.</li> <li>• <b>E. Java: three new master agreements</b> have been signed, two with PDAM Kota Malang and BRI and one agreement with PDAM Kabupaten Malang and BRI. By the end of the quarter, 58 additional families connected to the PDAM Kota Surabaya through BRI, as well as 5 families through Bank Jatim. Similarly, 30 new customers in Kota Malang and 55 new customers in Kabupaten Sidoarjo have access to PDAM water. Overall, 148 households in East Java now enjoy improved access to clean water as a result of this important initiative.</li> <li>• The details information on this achievement is attached in Table D-19 in Annex D.</li> </ul> <p>ESP grantee RMI completed the Payment for Environmental Services Study and submitted their final report during the reporting period. Also, two workshops were held (one in Yogyakarta and one in Medan) to present and discuss findings of the analysis and recommendation on the PES model with related government institutions, academia and representation of community.</p>

Note:

Outcome 3,4,5 altogether will be achieved through PDAM Bogor Bond Issuance in term of credit guarantee and credit rating as part of security arrangement for bond issuance.

<b>Component: Environmentally- Sound Design and Implementation in Aceh (EA)</b>			
<b>Outcome</b>	<b>Indicator</b>	<b>Third Year Target</b>	<b>Progress</b>
EA Outcome #1 – At least 4 spatial plans at the district and/or municipality levels in the Banda Aceh to Meulaboh coastal corridor directly impacted by the tsunami are developed and/or improved	Number of spatial plans developed and/or improved at the district and/or municipality levels	Two (2) spatial plans contributed by ESP (4 over project life)	Training on the use of spatial plans for Aceh Besar, 26-29 March.
EA Outcome #2 – A forum/network of donor, GOI and NGO water/sanitation/infrastructure/ environment practitioners is created and supported to address common implementation issues and to serve as a clearinghouse of best practices to mitigate adverse environmental impacts of post-tsunami reconstruction activities	Forum/network of donor, GOI and NGO established and functioning	One (1) forum (1 over project life)	Sustainable Sanitation Guidelines Seminar, 13-14 Feb. with UNICEF and GTZ, `300 participants.
EA Outcome #3 – An assessment report on the use of timber on the part of USAID-funded projects in Aceh	Assessment report completed	One (1) report assessment (1 over project life)	Not applicable for this quarter
EA Outcome #4 – Creation of an information clearinghouse for legal and illegal sources of timber and alternative building materials	Timber information clearinghouse established	One (1) timber information clearinghouse (1 over project life)	Not applicable for this quarter

# APPENDICES

- APPENDIX A:** Up Coming Events by Region
- APPENDIX B:** Reports and Publications
- APPENDIX C:** Training, Workshop and Seminar Activities of First Quarter of Third Year
- APPENDIX D:** Summary of ESP Achievements based on PMP, Status Mid Year of FY 2007



**APPENDIX A: UPCOMING ACTIVITIES BY REGION****April – June 2007****ACEH:**

<b>Dates</b>	<b>Type</b>	<b>Description</b>	<b>Contact</b>
		<b>Blue Thread in Krueng Aceh</b>	Faisal
April	Workshop	Establishment of Forum Krueng Jreue Hilir	
April	Other	Support community in compos development in Jruék Balee	Ridwan Habibie
April	Survey	Community-based solid waste programs in Katapang, Lambaro and Peunayong	Eri Arianto
April	Training	Finalize PDAM Tirta Mountana, Aceh Besar corporate plan	Ronny Sutrisno
April-June	Workshop	Prepare Action Plan FAMS (Forum Alur Mancang Saree) and Forum Krueng Jreue Hilir : 3 workshops per Forum	Ivan Krisna, Faisal, Anzurdin, Fadlurrahmansyah
April-June	FGD	Community-based solid waste: Katapang, Lambaro, Peunayong, form community groups and action plans	Eri Arianto
April	Survey	Implementasi Rencana Aksi FAMS: survey Kawasan perlindungan Alur Mancang	Ivan Krisna
April	Training	Middle managers training by YPTD for PDAM Tirta Daroy and PDAM Tirta Mountala	Ronny Sutrisno
April-May	Training	Accounting training for PDAM Tirta Meulaboh	Rudy Jusdian
May	Rehabilitation	Complete water supply system installation in Suka Mulya	Ridwan Habibie
May	FGD/Training	Establish water regulations and tariff in Suka Mulya	Ridwan Habibie
April-June	FS	FS Implementation	FA FS
April-June	Other	Support community nurseries in preparing of land rehabilitation for rainy season period of Sep.07 to Feb.08.	Anzurdin, Faisal, Fadrurrahmansyah
April-June	Workshop	Action Plan Implementation FAMS: Development local policies (Perdes) in Sukadamai and Sukamulia (Alur Mancang): 6 workshops per village	Faisal, Anzurdin, T.A.Musaddaq
April-June	Training	PDAM SOP implementation in Banda Aceh	Ronny Sutrisno
April-June	Training	Re-evaluation of assets for both PDAM Tirta Daroy in Banda Aceh and Tirta Mountala in Aceh Besar	Rudy Jusdian
April-June	TA	Technical Assistance to IRD PDAM training program	Ronny Sutrisno
April-June	Other	Water quality monitoring for PDAM Tirta Daroy and PDAM Tirta Mountala	FA
April-June	Training	Training in technical, finance and management	Rudy Jusdian
May-June	SRI	SRI Development in Jruék Balee and Jruék Bak Kreeh	Faisal

<b>Dates</b>	<b>Type</b>	<b>Description</b>	<b>Contact</b>
May	Training	O&M training, sustainable sanitation, 4 villages in Meuraxa	Eri Arianto
May-June	FGD/Training	TA to World Bank Project in Meuraxa	Eri Arianto/Suhendi
May-June	Other	Customer satisfaction survey in PDAM Tirta Mountala	Ronny Sutrisno
June	Training/ Construction	Individual water supply project in Meuraxa	Eri Arianto
June	Training	Community-based solid waste program: Katapang, Lambaro, Peunayong, 3-R training	Eri Arianto
June	Training	Water supply management team training, Suka Mulya	Ridwan Habibie
June	Training	Water resources management training	Ridwan Habibie
		<b>Clean, Green, Hygiene in Lhoknga</b>	
April	Other	Coastal rehabilitation in Nusa	T.A.Musaddaq
April-June	FS	FS implementation	FA FS
April-June	FS	Lampuuk : Prepare community group (HIPAM) to improve access clean water for 700 HH (on progress).	Eri Arianto/FA FS
April-Jun	FGD/Training	Nusa & Lamkruet, continue Watsan campaign in both communities with pilot construction in Lamkruet	Eri Arianto/Rizki Amalia
April-May	Training/ Construction	Nusa, increase PDAM's customer base through installing pipes, connections and training	Eri Arianto/Rizki Amalia
April-June	FGD/Training	Integration program between PDAM & Community group to manage water supply system in Nusa	Eri Arianto/Rizki Amalia
April-June	Training	MCK in Mon Bungo Lamkruet, O&M training for women's group.	Eri Arianto/Rizki Amalia
April-June	Training	ESP training community members concerning O&M for communal system in Lamkruet	Eri Arianto/Rizki Amalia
May	Mangrove planting	Coastal rehabilitation in Nagaumbang	T.A.Musaddaq
April-May	Survey	Naga Umbang, prepare technical design /concept for water supply system	Ridwan Habibie
June	FGD	Nusa, prepare PDAM customer forum	Eri Arianto
		<b>Mini ESP in West Coast</b>	
April	TA/Training	Sawang, complete water supply installation with PPK.	Ridwan Habibie
April	FGD	Lhoong, prepare training module for water committee (OPAM) training	Eri Arianto/FA FS
April	Other	PDAM census implementation in Meulaboh	Ronny Sutrisno
April	Training	Middle managers training for PDAM Tirta Meulaboh by YPTD	Ronny Sutrisno
April	Training	With APIRD-Logica, IFF, GTZ "how to use spatial plans" for all levels of government in Aceh Besar.	Suhendi
April-June	FS	Lhoong, follow-up with cycle I Field Schools	FA FS
April-June	FS	Establish FS in Sawang area	FA FS

<b>Dates</b>	<b>Type</b>	<b>Description</b>	<b>Contact</b>
April-June	Other	Support community nurseries in preparing of land rehabilitation for rainy season period of Sep.07 to Feb.08.	T.A.Musaddaq, Yasser Premana
April-June	Workshop	Prepare action plan for protection of Krueng Lageun: 3 workshops	Hendra Syahrial, T.A.Musaddaq, Yasser Premana
April-June	FGD/Training	Rigaih, support Medair sustainable sanitation program	Setyabudi
April-June	FGD/Training	Kuala Meurisi, support to AmRC watsan program	Setyabudi/Ridwan
April-June	FGD/Training	Meulaboh, support to Caritas watsan progra	Setyabudi
April-June	FGD/Training	Meulaboh, sanitation clinic program, four villages with Oxfam, CRS, IRC, UNICEF.	Setyabudi
April-June	FGD/Training	Penagen Raya, O&M training for pesantren sanitation management team	Setyabudi
April-June	Training	SOP implementation for PDAM Tirta Meulaboh	Ronny Sutrisno
April-June	TA	Water quality monitoring program for Calang involving PDAM labs and paid for by Oxfam	Ronny Sutrisno/FA
April-June	Training	Re-evaluation of assets for PDAM Tirta Meulaboh	Ronny Sutrisno
April-June	Training	Water quality monitoring for PDAM Tirta Daroy and PDAM Tirta Mountala	FA
April-June	Training	Training in technical, finance and management	Rudi Jusdian
April-June	FGD/forum	Coordinate meetings for stakeholders in Lhoong water supply system	Suhendi
May-June	FGD/Training	Sawang, prepare water committee	Eri Arianto
May-June	FGD/Training	Lhoong, training for OPAM	Eri Arianto/FA FS
May-June	Survey/Training	Prepare sub-district strategic plan for water supply	Suhendi
May-June	FS	Lhoong establish cycle 2 FS	FA FS
June	TA	Sawang, Joint with Medair to increase access water supply	Ridwan Habibie
<b>Ulumaseu</b>			
April-June	FS	FS implementation	FA FS
April-June	FGD	Follow-up with forum in Lageung basin	Hendra/Yasser

**NORTH SUMATRA:**

<b>Dates</b>	<b>Type</b>	<b>Description</b>
April 2-5	Training	Training in HWS for Posyandu Kader in Medan and upper watershed villages
April 3-5	Workshop	Workshop for Field Assistants on WSM Field Schools in Berastagi (Sumut, Aceh, Padang)
April 3-5	Monitoring	Site visits by team from MenkoKesra
April 9	Campaign	'Organic Agriculture Exhibition' hosted by the US Consul General in Medan
April 10	Coordination	1 <sup>st</sup> Quarter 2007 USAID SUMUT program coordination meeting at ESP
April - May	Campaign	MMC #7 on community based sanitation issues conducts
April 12-13	Monitoring	Supportive follow-up and participatory monitoring of sanitation programs in pesantren and Sei Mati.
April 9---on	Training	Development of 'Mikro spatial plans' by multi-stakeholder fora and Field School alumni in DAS Deli village network
April 16-20	Training	Training and campaign HWS in Semangat Gunung, Doulu
April 16-18	MOU/Planning	Finalization of MOU with Aqua-Danone for sanitation, composting, and tree nursery programs in Doulu-Semangat Gunung
April 23-26	Campaign	HWS competition in schools in Medan
May 1	Small Grants	Announcement meeting for final round of Small Grants program
May - June	Village Campaign	Implementation of community level plans in 6 Field School villages, preparation of next round of Field Schools in DAS Deli and Tahura areas.
May 6	Campaign	National HWS program in Medan
May 7-9	Campaign	Solid waste management campaign for Earth Day in Semangat Gunung, Doulu, and Sikeben villages
May 22-24	Campaign	Solid waste campaign and competition in schools in Medan
May 29	Training	Women's Empowerment DAS Deli Forum on solid waste management and local greening
June 18-20	Training	Water source protection training in Aur, Sei Mati, Kampung Baru villages in Medan
June 20-22	Campaign	Clean, Green, and Hygiene campaign for World Environment day in Sikeben, Doulu, and Semangat Gunung villages
June 25-28	Monitoring	Longitudinal Study conducted in two major sites in Medan and Lau Petani integrated site areas
June 25-27	Monitoring	Mini-Baseline 10 minute monitoring in lower, middle and upper areas of DAS Deli
June 28	Coordination	2 <sup>nd</sup> Quarter 2007 USAID SUMUT program coordination meeting

**DKI JAKARTA:**

<b>Dates</b>	<b>Type</b>	<b>Description</b>
1-Apr-07	Other	MCK Groundbreaking and Declaration of Joint Commitment of Health and Hygiene Behavior in Petojo Utara
Apr-07	Other	Baseline data collection (survey) on water supply and sanitation in RW 04, Kelurahan Jembatan Besi
Apr-07 to May-07	Training	Health and Hygiene training and edutainment program with 2 DBE-I schools
Apr-07 to May-07	Other	Construction of three community based sanitation system for Cinta Air program
May-07 to Jun-07	Other	Selection of potential NGO for DKI Jakarta Small Grants program on water for the poor
May-07 to Aug-07	Other	Construction of MCK++ in RW 08 Petojo Utara
May-07 to Aug-07	STTA	Field assistant for water and sanitation program for DKI Jakarta

**WEST JAVA:**

No	INTEGRATED SITE	DATE	TYPE	DESCRIPTION
<i>I</i>	<b>Blue Thread Sub -Das Cikapundung</b>			
	<b>Health and Hygiene</b>	April, 2007	Training	Behaviour change communication training to posyandu cadres in Wangunharja
			Workshop	Clean, Green and Hygiene School Workshop in Tamansari
			Communication Event	1. Implementation of community based hand washing with soap campaign through posyandu activities in Tamansari and Wangunharja
				2. Implementation of school based hand washing with soap campaign to elementary student and kindergarten in Tamansari
				3. In collaboration with Public Outreach and Communication specialist will carry out multi media campaign with theme " Change Our Behavior to Save Children's Life"
		May, 2007	Communication Event	1. Implementation of community based hand washing with soap campaign through posyandu activities in Wangunharja
				2. Implementation of school based hand washing with soap campaign to elementary student and kindergarten in Tamansari
				3. Involve on action of field school at upper watershed of Cikapundung
		June, 2007	Communication Event	Carry out Health Festival in Wangunharja
	<b>Watershed Management and Biodiversity</b>	April, 2007	Training	Field action technical planning related to community nursery, organic farming and soil ecology to the community group in Wangunharja, Cikidang and Suntenjaya
			Field School	Continuing field school implementation in Cibodas and Mekarwangi
			Workshop	Data collecting of Cikapundung Sub Watershed Multistakeholder
		April to July	Field Action Reserch	Community nursery, organic farming on vegetable soil ecology to the community group in Wangunharja, Cikidang and Suntenjaya
		May, 2007	Field Day	To show the result of 5 units field school to multistakeholder in Wangunharja
			Workshop	Community networks and Strategic planning multistakeholder forum in sub watershed Cikapundung.
	<b>Service Delivery</b>	April, 2007	Study	NRW reduction program PDAM Kota Bandung as pilot project at North Area

No	INTEGRATED SITE	DATE	TYPE	DESCRIPTION
		May - June, 2007	Campaign	Solid waste gebyar at Kelurahan Tamansari
		May, 2007	Construction	Preparing tendering process for Septic Tank communal at 2 location in Bandung under budget PDAM Kota Bandung
<b>II Blue Thread Sub -Das Cileuleuy - Cilamatan</b>				
	<b>Health and Hygiene</b>	April - May, 2007	Communication Event	Implementation of community based hand washing with soap campaign through posyandu activities at Cijambe and Implementation of school based hand washing with soap campaign to elementary student through boy scout activities at Cijambe
		May, 2007	Communication	Carry out Health Festival at Cijambe
	<b>Watershed Management and Biodiversity</b>	April - mid May, 2007	Field School	Continuing field school implementation in Gunungtua, Cirangkong & Tambak Mekar
		April - Aug, 2007	Field action research	Spring water protection in Cijambe through community nursery by community group and student (SD), organic farming on rice field
		May, 2007	Field action research	Community nursery, organic farming on vegetable in Gunung Tua, Cirangkong and Tambak Mekar
	<b>Service Delivery</b>	April, 2007	Workshop	Socialization of solid waste management in school at Cijambe
			Field day	" AKSI SEMUT " at Desa Cijambe
			Workshop	CBSWM at Desa Gunungsari
<b>III Anchor Site Sub - Das Cikundul - Cilaku</b>				
	<b>Health and Hygiene</b>	April, 2007	Training	Behavior change communication training to posyandu cadres at Nagrak
		May, 2007	Workshop	Clean, green and hygiene school workshop at Nagrak
		April - June, 2007	Communication event	Implementation of hand washing with soap campaign through posyandu activities and to elementary student at Nagrak
	<b>Watershed Management and Biodiversity</b>	April - June, 2007	Field School ( RHLF)	Farmer study for planting management, strengthening community group and nursery developing at 13 villages
	<b>Service Delivery</b>	May, 2007	Training	Transmission pipe intallation and maintenance in Kp. Ciasarua Sukatani village
		May - June, 2007	Implementation	CBSWM on 13 villages
		May - June, 2007	Campaign	Solid waste gebyar at Nagrak and Sukamaju villages
<b>IV Clean, Green and Hygiene</b>				
	<b>Health and Hygiene</b>	April - June, 2007	Communication event	Implementation of hand washing with soap campaign through posyandu activities and to elementary student at Pasirpendeuy

<b>No</b>	<b>INTEGRATED SITE</b>	<b>DATE</b>	<b>TYPE</b>	<b>DESCRIPTION</b>
	<b>Service Delivery</b>	April, 2007	Workshop	FGD about rural water supply system
		April, 2007	Training	How to maintenance of simple water treatment plant
		May - June, 2007	Campaign	Solid waste fest and socialization of sanitation
<b>IV</b>	<b>PDAM Institutional</b>			
		April - June, 2007	Survey	Reclassification customer survey in PDAM Kab. Cianjur, to continue household survey PDAM Kota Bogor
		May - June, 2007	Survey	NRW reduction survey PDAM Kota Bandung as pilot project for location Ledeng

**CENTRAL JAVA:**

Dates	Type	Description
		<b>Tangsi Integrated Site</b>
April - June	Field School	Conduct Follow Up activities of Field School in 15 villages
April - June	Field School	Apply Field School-based methods for Clean Green Hygiene school in 4 elementary schools
April	Training	Bamboo nursery training in 12 villages in collaboration with MAP
April - June	FGD	Pride campaign using media and community action to manage forest and conservation areas in Potorono Hills
April - May	FGD	Legal drafting of local policy in 8 villages
June	Workshop	Identification and initiation of local policy
April - June	FGD	Socialization of WSM Plan and Forum in 15 villages and related technical institutions of local government
April - June	Field School	Develop a community based solid waste management system in Salaman village
April	Small grant	Finalize the community based water supply small grant
April - June	Water monitoring	Water monitoring in 8 locations
May	Training	Clean behavior training for POSYANDU cadres
		<b>Blongkeng Integrated Site</b>
April - May	Field School	Conduct Sustainable Livelihood Assessment in 6 villages
June		Conduct Initial Action in 6 villages using conservation village approach
April - June		Participatory planning process and Initial Action for community solid waste management in Gulon village
May	Training	Conservation training in collaboration with PPSJ Yogyakarta
June	FGD	Develop draft WSM Plan and form WSM Forum
		<b>Clean, Green, and Hygiene in Yogyakarta and Sleman</b>
April	Workshop	Evaluation workshop for community plan
May - June	Other	Develop solid waste management system based on community plans in 3 communities
April - June	Field School	Apply Field School methods for Clean Green Hygiene in 2 elementary schools
April - May	Workshop	Assessment of 43 existing Communal Sanitation systems in Yogyakarta , followed by workshop, including community-based sanitation mapping
April- June	Other	Collaboration with ADB on development of citywide sanitation strategy and action plan for Yogyakarta
		<b>Clean Green School in Jogonalan, Klaten</b>
April - June	FGD	Conduct Corner Discussion and Initial Model learning
		<b>Municipal / PDAM Program</b>
April	Training & Census	Enumerator Training, Census, and NRW reduction in PDAM Yogyakarta
May		Enumerator Training, Census, and NRW reduction in PDAM Solo
June		Enumerator Training, Census, and NRW reduction in PDAM Magelang

**EAST JAVA:**

Date	Type	Description
April	Training	Sanitation mapping for Kota Surabaya, Kab. Malang, and Kepanjen
April-June	Multimedia campaign	MMC # 8 on Change Our Behavior to Save Our Children's Life
Apr 3	Training of Trainers	For village facilitators prior to implementation of Field Schools
Apr 4-5	Training, campaign	Handwashing with soap in RW II & V, Wonokromo, Surabaya
Apr 5 and 7	Training and Comparative study	Community-based Solid Waste Management (CBSWM) in Arjowinangun, Kota Malang; Jatirejoyoso and Kepanjen community visit Jambangan to learn about CB SWM
Apr 10-12	Workshop and Training of Trainers	Develop an agreed framework for Tahura R. Soerjo MAP initiative; Develop MAP for 12 LMDH Kota Batu with PHBM scheme starting with ToT and concluding with a workshop
Apr 12	Workshop	Develop commitment of community-based water supply for Payment of Environmental Services in Kecamatan Bumiaji
Apr 14	Workshop	Support Brantas WSM plan integrating multi-stakeholders' inputs
Apr 14-15	Comparative Study	Bareng and Arjowinangun community visit to Wonokromo and Rungkut, Surabaya
Apr 16-May 8	Series of events	Media coverage for handwashing with soap record
Apr 29	Workshop	Public Private Sector Partnership workshop sponsored by Business Indonesia journal
Apr-May	field ground checks, workshop	Continue Habitat Mapping to support MAP in 4 villages in Tahura R. Soerjo that would be concluded with a workshop (May 15)
Apr-May	Training, campaign	CB SWM campaign in Dinoyo, Mergosono, Arjowinangun and Bareng
Apr-Jun	Workshops, training	Provide technical assistance for 16 CB water supply systems in Kab. Malang
Apr-Jun	Field School	Implement Field Schools and initial action plan in Kota Batu involving 25 community representatives in 1 conservation, 3 rural, and 1 urban villages
Apr-Jun	Field training	Support program implementation of agro-forestry development by SPGB and community nursery by LMDH Kota Batu
Apr-Jun	Training	Development of CB water delivery system in Arjowinangun and Batu
Apr-Jun	Training, field work	Support implementation of Pride Campaign by Yayasan Kaliandra
Apr-Jun	FGD, survey, design	Community mobilization, site selection, Detailed Engineering Design, cost estimates for CB sanitation development in Kota Surabaya and Kab Magelang
May	Survey	Jointly with ECO-Asia, implement survey to identify and select the poor in Surabaya to be eligible for the OBA subsidy program for water connection
May-Jun	Training	Solid waste conversion to handicrafts in Kelurahan Kepanjen, Jatirejoyoso, and Arjowinangun (Kab. Malang)
May	Presentation	Start CB sanitation program in Kab. Malang in collaboration with "Sanimas"
May	Training	GIS training for PDAMs of Sidoarjo, Surabaya, and Gresik
May 1-15	Campaign	Support micro-credit campaign for PDAMs of Surabaya, Sidoarjo, Kota Malang, and Kab. Malang
May-Jun	Field School	Community needs assessment in Gumeng, Pacet, Jatiarjo (conservation), Srigading (rural), and Wonokromo, Arjowinangun, and Curungrejo (urban)
June	Campaign, training	Campaign on water protection and point of use water for Bareng, Arjowinangun, Dinoyo, and Mergosono community

## Appendix B: Reports and Publications

### Environmental Services Program

Series #	Date	Title	Author	Status
<b>Annual Work Plan</b>				
R-0145	01/29/2007	Workplanning for Integration: Health in the Watershed Preventing Diarrhea Upstream and Down	McGahey, Christopher	Final/Available for Distribution
<b>Case Studies/Best Practices</b>				
R-0110	07/01/2005	Studi Kasus Pelatihan Calon Pemandu Kegiatan Kajian Partisipatif oleh Masyarakat	Tim FIELD Indonesia	Final/Available for Distribution
R-0158	09/03/2006	Comparative Assessment Community Based Solid Waste Management (CBSWM) Medan, Bandung, Subang, and Surabaya	Trisyanti, D.	Final/Available for Distribution
<b>Consultant Report</b>				
R-	08/31/2006	PDAM Kota Surakarta : Preliminary Financial Feasibility Analysis of Investment Proposal	Hagad, Ramon	Final/Available for Distribution
R-	09/29/2006	PDAM Tirta Kahuripan Kabupaten Bogor: Financial Feasibility Bond Offering	Hagad, Ramon., Woodward, David.	Final/Available for Distribution
R-0085	02/28/2006	PDAM Tirta Kahuripan Kabupaten Bogor - Preliminary Financial Feasibility Analysis of Investment Proposal	Hagad, Ramon	Final/Available for Distribution
R-0146	07/31/2006	PDAM Tirta Gemilang Magelang District, Preliminary Financial Feasibility Analysis of Investment Proposal	Hagad, Ramon	Final/Available for Distribution
R-0147	07/31/2006	PDAM Tirta Gemilang, Kabupaten Magelang - Analisa Kondisi Keuangan dan Analisa Pra Studi Kelayakan Usulan Investasi	Hagad, Ramon	Final/Available for Distribution
R-0149	07/26/2006	Preliminary Financial Feasibility Analysis of Investment Proposal - Bulk Water Project in Majalengka Supplied to PDAM Kota Cirebon	Benny Djumhana	Final/Available for Distribution
R-0156	10/01/2006	Krueng Mountala Water Supply Feasibility Study	Mor, Christoph	Final/Available for Distribution
R-0192	06/29/2006	PDAM Kota Bandung Preliminary Financial Feasibility Analysis of Cimenteng Investment Proposal	Brandt, Lewis., Ely, Saiful.	Final/Available for Distribution

Series #	Date	Title	Author	Status
<b>Manuals/Guidelines</b>				
R-0040	12/23/2005	Capacity Building Untuk Fasilitator Pendamping di Cianjur – Jawa Barat	WSM Cianjur Team	Final/Available for Distribution
R-0068	07/19/2005	Buku Petunjuk Lapangan Pelatihan Calon Pemandu Kajian Partisipatif Oleh Masyarakat Dalam Rangka Pelestarian Lingkungan Hidup	Tim FIELD Indonesia (STTA- Sub Contractor)	Final/Available for Distribution
R-0072	03/16/2006	Satellite Imagery: Basic Information, Availability, Characteristics and How to Purchase It	Amrullah	Final/Available for Distribution
R-0164	01/29/2007	Petunjuk Lapangan - Materi Pelatihan Pemandu Sekolah Lapangan Pengelolaan Daerah Aliran Sungai ESP	Tim ESP dan FIELD Indonesia	Final/Available for Distribution
<b>Quarterly Report</b>				
R-0180	12/31/2006	Quarterly Report No. 7, October-December 2006	ESP Team	Final/Available for Distribution
<b>Surveys</b>				
R-	04/07/2006	Survai Tutupan Lahan di DAS Deli	Rizal, M. Khairul	Final/Available for Distribution
R-0036	12/31/2005	Survai Awal Kondisi Daerah Aliran Sungai Krueng Aceh	Team ESP & Mapayah, PENA	Final/Available for Distribution
R-0046	03/31/2005	Aceh Assessment Report	Ruhe, Edzard, Budiman, Jefry, Ika, Angela, Irfan	Final/Available for Distribution
R-0052	01/31/2006	Watershed Selection Matrix of Nanggroe Aceh Darussalam	Watershed Management Team - ESP Banda Aceh/NAD	Final/Available for Distribution
R-0053	01/31/2006	Matrix of Site Selection in Krueng Aceh Watershed	Watershed Management Team ESP Banda Aceh/NAD	Final/Available for Distribution
R-0076	01/31/2006	Survai Kepuasan Pelanggan PDAM Kabupaten Solok 2005	Ginting, Immanuel, Afghoni	Final/Available for Distribution
R-0105	09/30/2005	Survai Hidrogeologi dan Sumber Daya Air di Hulu DAS Deli Kabupaten Karo dan Deli Serdang, Sumatra Utara	Rizal, Khairul	Final/Available for Distribution

Series #	Date	Title	Author	Status
R-0109	05/26/2006	Laporan Identifikasi Sei Wampu, Masalah dan Para Pemangku Kepentingan	Betrit, Jon	Final/Available for Distribution
R-0190	12/18/2005	Survai Hidrogeologi pada Hulu Das Deli dan Sumber Air Baku PDAM Tirtanadi Cabang Sibolangit		Final/Available for Distribution
<b>Technical Reports</b>				
R-0037	01/30/2006	Model Rehabilitasi Harapan Masyarakat Sukaesmi	Arman Abdul Rohman, Dede Suryana, Erwinsyah, Sabdo Sumartono	Final/Available for Distribution
R-0080	03/24/2006	Sampling and Analysis Plan for Groundwater and Surface Water Sampling in Krueng Aceh Basin	Brown, Phil	Final/Available for Distribution
R-0081	03/24/2006	Action Plan for Integrated Solid Waste Management in Nanggroe Aceh Darussalam, Indonesia	Leo Larochelle	Final/Available for Distribution
R-0090	02/04/2006	Detailed Engineering Design of Puskesmas' Watsan Facilities Phase II (5 Units)	Ridwan Habibie	Final/Available for Distribution
R-0092	12/14/2006	Optimalisasi Sambungan Sosial (Kran Umum, MCK dan Tangki Air) PDAM Kota Padang, 2006 Laporan Pertama: Evaluasi Kondisi Eksisting, Permasalahan dan Rekomendasi		Final/Available for Distribution
R-0093	07/25/2006	Corporate Plan PDAM Tirtanadi 2006-2010	Benny Djumhana	Final/Available for Distribution
R-0094	01/18/2006	Matrix of Site Selection in Krueng Sabee Geupu Watershed	Hendra Syahril	Final/Available for Distribution
R-0095	01/05/2006	Report - Small Group Discussions (SGD) on the Establishment of Krueng Aceh Watershed Forum Banda Aceh Municipality and Aceh Besar District, NAD Province	Irfan, Ivan Krisna	Final/Available for Distribution
R-0096	05/13/2006	Comparative Study - Centralized Wastewater Treatment Plants in Indonesia	Dr. Edzard Ruhe, Poppy Lestari, Oni Hartono, Benny Djumhana	Final/Available for Distribution
R-0097	03/31/2006	Kajian Teknis Cepat, Dusun Blang Lambaro, Desa Saree Aceh, Kecamatan Lembah Seulawah, Kabupaten Aceh Besar, NAD	Eri Arianto	Final/Available for Distribution

Series #	Date	Title	Author	Status
R-0098	01/04/2006	PDAM Kabupaten Subang : Feasibility Analysis for the Proposed Subang Water Resource and Water Transmission Main Project	Jones, T. Stephen	Final/Available for Distribution
R-0112	06/24/2006	Buku Panduan Forum Peduli Air Taman Nasional Gunung Gede Pangrango	Forpela	Final/Available for Distribution
R-0133	09/08/2006	Mendengarkan, Belajar dan Melakukan Aksi Bersama Masyarakat	Jaringan Aksi Sungai Deli	Final/Available for Distribution
R-0134	05/04/2006	Lokakarya Jaringan Aksi - Pengembangan Strategi Pengelolaan Menuju Ekosistem Sungai Deli yang Bersih dan Sehat	Muhammad Hambal	Final/Available for Distribution
R-0135	01/29/2007	PDAM Kota Bandung, Proposal Penyesuaian Tarif Jasa Pelayanan PDAM 2006	Ely, Saiful	Final/Available for Distribution
R-0136	06/30/2006	PDAM Kota Bandung Tariff Adjustment Proposal 2006	Ely, Saiful	Final/Available for Distribution
R-0137	07/03/2006	Diskusi Kelompok Terbatas Rehabilitasi Pantai Berbasis Masyarakat, Dusun Kuala Meurisi, Desa Keutapang, Kecamatan Krueng Sabee, Kabupaten Aceh Jaya, NAD		Final/Available for Distribution
R-0138	07/04/2006	Diskusi Kelompok Terbatas untuk Rehabilitasi Pantai Berbasis Masyarakat Desa Sawang (Lageun) Kec. Setya Bakti, Kab. Aceh Jaya, NAD		Final/Available for Distribution
R-0139	07/05/2006	Diskusi Kelompok Terbatas untuk Rehabilitasi Pantai Berbasis Masyarakat Desa Keudee Krueng Sabee Kec. Krueng Sabee, Kab. Aceh Jaya, NAD		Final/Available for Distribution
R-0140	07/06/2006	Diskusi Kelompok Terbatas Rehabilitasi Pantai Berbasis Masyarakat Desa Lam Seunia, Kec. Leupung, Kab. Aceh Besar, NAD		Final/Available for Distribution
R-0141	07/12/2006	Pemetaan Topografi Partisipatif di Blang Lambaro, Jantho Baru, Jruek Balee		Final/Available for Distribution
R-0142	07/21/2006	Rehabilitasi Sungai Krueng Lageun Dengan Penanaman Batang Jaloh, Desa Sawang, Kec. Setia Bakti, Kab. Aceh Jaya, NAD		Final/Available for Distribution
R-0151	07/19/2006	Kajian Fasilitas Air Bersih dan Sanitasi Sekolah di Jogonalan, Klaten, Jawa Tengah	Hartono, Oni ,Afghoni ,Kurniawan, Judy	Final/Available for Distribution
R-0158	09/03/2006	Comparative Assessment Community Based Solid Waste Management (CBSWM) Medan, Bandung, Subang, and Surabaya	Trisyanti, D.	Final/Available for Distribution
R-0159	05/31/2006	Technical Feasibility Study for PDAM Kota Bandung Cimenteng Water Supply System	Sher Singh	Final/Available for Distribution

Series #	Date	Title	Author	Status
R-0182	04/24/2006	ESPs WSM Field School and Scaling-Up	Merril, Reed	Final/Available for Distribution
R-0183	12/27/2005	Hasil Diskusi Rencana Rehabilitasi Lahan di Kawasan TNGP Cianjur - Jawa Barat	ESP Jawa barat	Final/Available for Distribution
R-0184	12/22/2005	Hasil Kajian Peta Masalah Usaha Meningkatkan Kesehatan Masyarakat Melalui Program Pengelolaan Air Bersih dan Lingkungan Hidup di Cianjur - Jawa Barat		Final/Available for Distribution
<b>Training/Workshop Proceedings</b>				
R-	12/08/2005	Pelatihan Pemetaan Partisipatif di Sekitar Kawasan Daerah Aliran Sungai Deli, Desa Bukum, Kecamatan Sibolangit, Kabupaten Deli Serdang	Rizal, M. Khairul	Final/Available for Distribution
R-0039	12/23/2005	Laporan Kegiatan Workshop Para Pihak: Usaha Meningkatkan Kesehatan Masyarakat Melalui Program Pengelolaan Air Bersih dan Lingkungan Hidup di Kecamatan Cianjur, Gekbrong, Warung Kondang, Cugenang, Pacet, Cipanas dan Sukaresmi	Core Team of Cianjur Multistakeholders Forum	Final/Available for Distribution
R-0041	12/31/2005	Pemetaan dan Kalkulasi Kedalaman Substrate pada Lahan Bakau	Rizal, M. Khairul	Final/Available for Distribution
R-0099	03/30/2006	Kajian Penghidupan Berkelanjutan, Gampong Jruek Balee, Kemukiman Jruek, Kecamatan Indrapuri - Kabupaten Aceh Besar	Djailani, Irfan et al	Final/Available for Distribution
R-0100	03/30/2006	Kajian Penghidupan Berkelanjutan Desa Jantho Baru Kabupaten Aceh Besar, NAD	Krisna, Ivan	Final/Available for Distribution
R-0101	02/28/2006	Kajian Penghidupan Berkelanjutan, Desa Sawang, Kemukiman Lageun, Kecamatan Setia Bakti, Kabupaten Aceh Jaya	Syahrial, Hendra et al	Final/Available for Distribution
R-0102	03/30/2006	Kajian Penghidupan Berkelanjutan, Desa Keudee Krueng Sabee, Kecamatan Krueng Sabee, Kabupaten Aceh Jaya, Nanggroe Aceh Darussalam	Syahrial, Hendra et al	Final/Available for Distribution
R-0103	03/30/2006	Kajian Penghidupan Berkelanjutan, Dusun Kuala Meurisi, Desa Keutapang, Kecamatan Krueng Sabee, Kabupaten Aceh Jaya, NAD	Syahrial, Hendra et al	Final/Available for Distribution
R-0104	12/16/2005	Laporan Pelatihan Pemandu - Kajian Penghidupan Berkelanjutan Dusun Blang Lambaro, Desa Saree Aceh Kec. Lembah Seulawah, Kab. Aceh Besar, NAD	Pontius, John et al	Final/Available for Distribution
R-0163	01/29/2007	Laporan Akhir - Pelatihan Pemandu dan Sekolah Lapangan Pengelolaan Daerah Aliran Sungai ESP	Tim ESP and FIELD Indonesia	Final/Available for Distribution



## Appendix C: Training, Workshop and seminar Activities of Second Quarter of Third Year (Period of January - March 2007)

Environmental Services Program (ESP) Indonesia

Project Number: 497-M-00-05-00005-00

Type	Title	Location	Starting Date	End Date	Duration (Days)	Participants	% Female	Budget (Rp)
<b>Total</b>						<b>5,092</b>	<b>33.60%</b>	<b>\$87,294.59</b>
Training Course	Training II Solid Waste Management for RW XVII Kelurahan Gading Tambaksari	Balai RW XVII Kelurahan Gading-Tambaksari, Jl. Kapas Madya IVK Surabaya	1/9/2007	1/9/2007	1	95	97.9%	Funded by FHI
	Internal training on Micro Credit Procedures in Kabupaten Subang	PDAM Kabupaten Subang	1/11/2007	1/11/2007	1	40	20.0%	Rp2,000,000
	Workshop Water Quality Monitoring	West Java ESP office, various locations in Cikapundung watershed area (up stream to down stream)	1/22/2007	1/24/2007	3	13	46.20%	Rp2,670,000
	Training Of Basic Water Supply For PDAM Sibolga, Tapanuli Tengah and Tapanuli Utara (Fase I)	PDAM Sibolga	1/25/2007	1/27/2007	3	31	3.2%	Rp5,329,500
	Training of Transmission and Distribution Network System Analysis For Kabanjahe Unit PDAM Tirta Malem Kabupaten Karo	Unit Kabanjahe PDAM Tirta Malem	1/30/2007	2/1/2007	3	17	5.90%	Rp3,590,000
	Pembelajaran Membangun Komitment dengan Sekolah di Bareng dan Arjowinangun	Sekolah Kelurahan Bareng (SDN Bareng II dan III) Sekolah Kelurahan Arjowinangun (SDN Arjowinangun I dan II dengan satu MI)	2/3/2007	2/15/2007	13	50	68.00%	Rp1,232,700
	Training Water Quality Use DelAgua Kit for PUSKESMAS Sanitarian at Meulaboh Aceh Barat	Desa Rundeng Kecamatan Johan pahlawan Meulaboh	2/5/2007	2/8/2007	4	25	36.0%	Funded by Oxfam and IRC

Type	Title	Location	Starting Date	End Date	Duration (Days)	Participants	% Female	Budget (Rp)
<b>Total</b>						<b>5,092</b>	<b>33.60%</b>	<b>\$87,294.59</b>
Training Course (cont')	Training of Transmission and Distribution Network System Analysis For Pangkalan Brandan Unit PDAM Tirta Wampu Kabupaten Langkat Phase II	Unit Pangkalan Brandan PDAM Tirta Wampu Kabupaten Langkat	2/6/2007	2/9/2007	3	15	20.00%	Rp3,801,000
	Internal Training on Micro Credit Procedures in Kabupaten Malang	ESP Malang Office	2/6/2007	2/6/2007	1	62	6.5%	Rp3,000,000
	Training on Hand washing with soap for religious leader	Puskesmas Arjowinangun dan Gedung Pertemuan Baitul Ilmi	2/11/2007	2/11/2007	1	60	38.3%	Rp916,400
	Training Propagasi Tanaman dan Pembuatan Pupuk Organik kepada siswa dan guru sekolah	SMP Indrapuri Aceh Besar, SMP Lamteuba Aceh Besar, SMP Percontohan No.19 Banda Aceh	2/12/2007	3/16/2007	34	770	51.9%	Self funded by community groups
	Community Based Water Supply Training in Suka Maju Village, Tanjung Pura Sub-district, Langkat Regency	Suka Maju Village, Tanjung Pura Sub-district, Langkat Regency	2/13/2007	2/15/2007	3	30	80.0%	Rp5,743,000
	FGD "Tabungan Konservasi"	SMP Negeri Sibolangit	2/13/2007	2/13/2007	1	21	19.0%	Rp295,000
	Training Operational and Maintenance MCK Community Based Sanitation System	Kampung Baru village, Medan Maimun Sub-District, Medan City, North Sumatra	2/21/2007	2/23/2007	3	25	32.00%	Rp2,252,000
	Training on community mapping in Jaranguda, Berastagi, Wampu Watershed	Jaranguda Village	2/21/2007	2/24/2007	4	35	42.9%	Part of ESP Small Grant Program
	Pelatihan composting dalam rangka pengembangan konsep program "Tabungan Konservasi" di SMP N I Sibolangit	SMPN I Sibolangit	2/24/2007	3/3/2007	2	30	50.00%	Rp802,500

Type	Title	Location	Starting Date	End Date	Duration (Days)	Participants	% Female	Budget (Rp)
<b>Total</b>						<b>5,092</b>	<b>33.60%</b>	<b>\$87,294.59</b>
Training Course (cont')	Training of Transmission and Distribution Network System Analysis For 9 IKK PDAM Tirta Malem Kabupaten Karo	PDAM Tirta Malem Kab. Karo	2/28/2007	3/2/2007	3	15	46.70%	Rp4,039,000
	Round-table Discussion with West Java's journalists	AJI's office	3/13/2007	3/13/2007	1	47	38.30%	Rp5,395,000
	Pesantren Community Action Plan for Community Based Solid Waste Management in Pesantren Ar-Rhaidatul Hasanah	Medan Tuntungan (Pesantren Ar-Rhaidatul Hasanah)	3/1/2007	3/2/2007	2	30	53.30%	Rp4,983,000
	Training of Community based Solid Waste Management for RW XI Kelurahan Kapasari Kecamatan Genteng	Balai RW XI Kelurahan Kapasari Kecamatan Genteng	3/3/2007	3/3/2007	1	29	93.10%	Rp1,996,150
	On the Job Training to Install Pipe & Accesories in Desa Sawang	Sawang, Calang Kabupaten Aceh Jaya	3/3/2007	3/10/2007	3	7	0.00%	Rp425,000
	Internal Training on Micro Credit Procedures in PDAM Kota Solo	ESP Yogya Office	3/8/2007	3/8/2007	1	40	20.00%	Rp2,000,000
	The Training Run the Hydrum Pump	Dusun Kaliastana and Tanjakan in Pandaluyu Village	3/9/2007	3/10/2007	2	20	0.00%	Rp2,000,000
	Training of Community based Solid Waste Management for Desa Paciran Lamongan	TPQ Pondok Modern Muhammadiyah Paciran, Lamongan	3/12/2007	3/12/2007	1	53	77.4%	Under ESP Small Grant Program
	Training Komunikasi Perubahan Perilaku	Cijambe Village	3/13/2007	3/15/2007	3	23	73.90%	Rp3,209,250
Efisiensi Unit PDAM Tirta Wampu Langkat District for Training Transmission of Distribution Net Work System	PDAM Tirta Wampu Unit Pangkalan Brandan	3/14/2007	3/16/2007	3	25	44.00%	Rp4,270,000	

QUARTERLY PROGRESS REPORT NO.8 JANUARY – MARCH 2007

Type	Title	Location	Starting Date	End Date	Duration (Days)	Participants	% Female	Budget (Rp)
<b>Total</b>						<b>5,092</b>	<b>33.60%</b>	<b>\$87,294.59</b>
Training Course (cont')	Training on Water Quality Monitoring for Students during 2007 World Water Day Commemoration	ESP Bandung Office	3/18/2007	3/18/2007	1	13	84.62%	4241000.00%
	Community Base Solid Waste Separation Training in Pesantren Ar-Raudhatul Hasanah	Pesantren Ar-Raudhatul Hasanah Medan Tuntungan	3/20/2007	3/21/2007	2	30	43.30%	Rp4,767,500
	Training on Community Based Solid Waste Management for Curung Rejo Community	Balai Desa Curung Rejo Kepanjen Kab. Malang	3/22/2007	3/22/2007	1	70	62.9%	Rp2,000,000
	Training Compos for Ginger Community Based Solid Waste Management In Tembung Village, Sub District Percut Sei Tuan, Deli Serdang Regency	Tembung Village	3/23/2007	3/24/2007	2	26	38.50%	Rp5,123,500
	Training Spatial planning of Imum Mukim, Aceh Besar District	Jantho, Aceh Besar District	3/26/2007	3/29/2007	4	58	0.00%	Rp26,240,000
	TNGP - TOT and SLA desa konservasi	Balai Desa Kebun Peteuy - Kecamatan Gekbrong Cianjur	11/13/2007	1/31/2007	78	42	9.50%	Rp28,500,000
	Training how to Make the Hydram Pump of clean water supply in Padaluyu Village	Dusun Kaliastana and Tanjakan in Padaluyu Village	1/17/2007	3/3/2007	15	20	0.00%	Rp6,642,500
	NAD / Pelatihan pembuatan filter air bersih untuk masyarakat Baroh Krueng Kala	Balai Pertemuan Desa Baroh Krueng Kala, Lhoong, Aceh Besar	1/30/2007	2/1/2007	3	30	63.30%	Rp584,500

Type	Title	Location	Starting Date	End Date	Duration (Days)	Participants	% Female	Budget (Rp)
<b>Total</b>						<b>5,092</b>	<b>33.60%</b>	<b>\$87,294.59</b>
	Training Of Trainer for Village Facilitators of Blongkeng Sub watershed	Kantor Informasi Penyuluhan Pertanian dan Kehutanan (KIPPK) Kabupaten Magelang, Jl. Sendangsono, Progowati, Mungkid	3/26/2007	3/29/2007	4	25	16.00%	Rp11,375,900
Workshop	Planning Workshop on WSM Plan and Forum development	Balai Pelatihan Kesehatan Masyarakat, Salaman Sub District, Magelang District	1/3/2007	1/4/2007	2	73	26.00%	Rp13,045,300
	Outcome Mapping Workshop with Local Government	North Jakarta Municipality Office	1/3/2007	1/3/2007	1	23	39.10%	Funded by IDRC
	Field School Socialization Workshop in Subang	Kantor Kecamatan Cijambe	12/11/2006	12/15/2006	3	16	18.75%	Rp5,105,000
	Outcome Mapping Workshop with Research Institute	URDI office	1/4/2007	1/4/2007	1	6	33.30%	Funded by IDRC
	Outcome Mapping Workshop with Community Groups	Kelurahan Penjarangan Office	1/7/2007	1/7/2007	1	31	41.90%	Funded by IDRC
	Community Need Assesment & Workshop In Sunggal	Sunggal	1/9/2007	1/16/2007	4	27	100.00%	Rp7,880,800
	Community Need Assesment & Workshop In Sei Mati	Sei Mati	1/9/2007	1/16/2007	8	29	58.60%	Rp7,667,400

Type	Title	Location	Starting Date	End Date	Duration (Days)	Participants	% Female	Budget (Rp)
<b>Total</b>						<b>5,092</b>	<b>33.60%</b>	<b>\$87,294.59</b>
	TNGP - development of collaborative conservation action plan	Bogor, Sukabumi dan Cianjur	1/21/2007	3/31/2007	NA	NA	NA	Rp0
	Stakeholder workshop in Mekarjaya, Bandung	Mekarjaya Village	1/23/2007	1/23/2007	1	25	44.0%	Rp1,619,000
	Lokakarya Sosialisasi Sekolah Lapangan WSM ESP di Kabupaten Bandung	Kantor Camat Lembang	1/24/2007	1/24/2007	1	39	20.51%	Rp2,056,650
	Workshop on Puskesmas Facility Assessment for Water and Sanitation Infrastructure - Dissemination of Assessment Results	Office of Sudin Kesmas Jakarta Pusat, Jalan Percetakan Negara	1/29/2007	1/29/2007	1	41	56.1%	Rp4,577,000
Workshop (cont')	Workshop IV Perdes Jreuk Balee- Discussion on raw draft policy	Jreuk Balee	1/30/2007	6/30/2007	181	300	56.70%	Rp6,850,000
	City Team meeting of HP3/IDRC	North Jakarta Municipality Office	1/30/2007	6/30/2007	1	44	43.20%	Funded by IDRC
	worskhop on OBA fundchanneling for PDAM Surabaya	Surabaya	1/31/2007	1/31/2007	1	N/A	NA	NA
	WORKSHOP HASIL SLA DESA CIJAMBE KABUPATEN SUBANG	Cijambe	2/1/2007	2/1/2007	1	73	61.60%	Rp1,707,000
	NGO's discussion	K3A secretariat	3/13/2007	3/13/2007	1	47	38.30%	Rp5,395,000
	Increase access clean water to community in Nusa	Meunasah Desa Nusa	2/5/2007	2/12/2007	8	70	92.9%	Rp1,169,200
	Lokakarya of CBSW system for farmer community of 13 villages on DAS Cilaku and Cikundul	Cianjur	2/6/2007	2/8/2007	3	29	34.5%	Rp13,916,200
	Student Workshop:Gerakan Cinta Lingkungan dan Hidup Sehat	SD & MIN Sibreh	2/9/2007	2/10/2007	2	136	36.0%	Rp5,166,300

Type	Title	Location	Starting Date	End Date	Duration (Days)	Participants	% Female	Budget (Rp)
<b>Total</b>						<b>5,092</b>	<b>33.60%</b>	<b>\$87,294.59</b>
	Multi-stakeholder Workshop on WSM Plan and Forum Development	Balai Desa Sukomakmur, Kecamatan Kajoran, Kabupaten Magelang	3/21/2007	3/21/2007	1	71	31.00%	Rp8,000,000
	Sustainable Household Sanitation for the Reconstruction in Aceh and Nias	Banda Aceh	2/13/2007	2/15/2007	3	123	20.30%	Funded by UNICEF and GTZ
	Coordination Meeting of ESP Strategic Communication Team	ESP Bandung Office	2/14/2007	2/16/2007	3	13	46.20%	Rp20,461,189
	Workshop on Community-based garbage management for improving water quality in Brantas Upper reach	Singgasana Hotel, Jl. Gunung Sari, Surabaya	2/14/2007	2/14/2007	1	79	59.50%	Funded by Nippon Koei Co. Ltd
Workshop (cont')	Socialization of first action research and community's working group establishment in RW 13 Kelurahan Penjarangan	Community centre of RW 13, Kelurahan Penjarangan	2/17/2007	2/17/2007	1	30	30.00%	Funded by Mercy
	Sharing Experience between USAID ESP Central Java and East Java Region	ESP Malang Office	2/21/2007	2/24/2007	4	30	33.30%	Rp27,564,047
	Lokakarya Berbagi Pengalaman Antara ESP regional Jawa Tengah & Yogyakarta dan Regional Jawa Timur Dengan LMDH Kota Batu, FERUM Perhutani KPH Madang, Camat Bumi Aji dan Dinas Kehutanan dan Lingkungan Kota Batu	Desa Tulungrejo, Kota Batu	2/23/2007	2/23/2007	1	33	24.20%	Rp1,775,000
	Evaluation of Field Schools in 15 Villages of Tangsi Sub-Watershed	Sangen Village	2/28/2007	3/2/2007	3	31	45.20%	Rp2,540,000
	Socialization of first action research and community's working group establishment in RW 8 Kelurahan Penjarangan	Community centre of RW 8, Kelurahan Penjarangan	2/25/2007	2/25/2007	1	24	62.50%	Funded by Mercy Crop
	Pembentukan Forum Krueng Lageun	Kemukiman Lageun	3/5/2007	3/31/2007	26	36	0.00%	Rp5,824,310

Type	Title	Location	Starting Date	End Date	Duration (Days)	Participants	% Female	Budget (Rp)
<b>Total</b>						<b>5,092</b>	<b>33.60%</b>	<b>\$87,294.59</b>
	Forum Pengguna Air Alur Mancang, Kemukiman Saree	Saree	3/8/2007	3/10/2007	3	37	10.80%	Rp5,117,500
	Community workshop on planning of first pilot project in RW 13	Balai RW 13, Kelurahan Penjaringan, Jakarta Utara	3/17/2007	3/17/2007	1	25	24.00%	Funded by Mercy Crop
	Stakeholder discussion about IPAL	UGM	3/26/2007	3/31/2007	1	NA	NA	NA
Study Tour	Sei Mati Community Study Tour to Bis Peduli sites	Belawan, Medan city and Hamparan Perak, Deli Serdang Regency	1/29/2007	1/31/2007	3	31	22.60%	Rp4,596,000
	Tembung Community Study Tour to Bis Peduli sites	Belawan, Medan city and Hamparan Perak, Deli Serdang Regency	2/18/2007	2/20/2007	3	35	45.70%	Rp4,270,000
	Study Tour on community-based Solid Waste Management System for RW II Curung Rejo Community and Kab, Malang Local Government	Kelurahan Jambangan, Surabaya	3/24/2007	3/24/2007	1	55	78.20%	Rp1,057,800
Focus Group Discussion	Increase access clean water to community in Nusa	Children Centre Nusa Village	1/5/2007	1/31/2007	3	6	33.30%	Rp100,000
	To Make Memorandum of Agreement (MOA) place of water source of Kaliastana between Kp Kaliastana and Kp Tanjakan	Dusun Kaliastana and Tanjakan in Padaluyu Village	1/26/2007	1/27/2007	2	50	N/A	Rp1,115,000
	Penambahan Utilitas pada MCK dan Natural Wetland System, Dusun Mon Bungong Lamkruet	MCK Dusun Mon Bungong Lamkruet Aceh Besar	2/12/2007	2/28/2007	16	18	94.40%	Rp1,911,500
	Sosialisasi Sekolah Lapangan di Mukim Lampuuk	Tiap menasah dikemukiman Lampuuk, Lhoknga Aceh Besar	2/16/2007	2/17/2007	2	166	20.50%	Rp1,200,000

Type	Title	Location	Starting Date	End Date	Duration (Days)	Participants	% Female	Budget (Rp)
<b>Total</b>						<b>5,092</b>	<b>33.60%</b>	<b>\$87,294.59</b>
	Final Preparation on ‘Kemah Konservasi” - World Water and Forest Day	USAID’s ESP Medan Office	3/8/2007	3/8/2007	1	12	0.00%	Rp209,250
	Community assessment and resource mapping with male group RW 13 Kelurahan Penjaringan	Community Centre of RW 13	3/13/2007	3/13/2007	1	8	0.00%	Funded by IDRC
Focus Group Discussion (cont’)	Discussion on next plan activities between ESP and Forum Alur Mancang	ESP Office	3/15/2007	3/15/2007	1	4	25.00%	Rp150,000
	Maintenance of sawang water source		3/23/2007	3/25/2007	9	8	0.00%	Rp560,000
	FGD on Sustainability raw water resources	University of Muhamdiyah Sumatra Utara	3/26/2007	3/26/2007	1	28	25.00%	Funded by Bappenas
	World Water Day 2007 - Poblems for sutainability water resources identified and solutions provided	Kampus UMSU, Kota Medan	3/26/2007	3/26/2007	1	NA	NA	Rp1,250,000
Farmer Field School	Sekolah Lapangan di Desa Ulee-U	Meunasah Desa Ulee-U	11/13/2006	1/31/2007	74	27	55.60%	Rp11,930,900
	Sekolah Lapangan di Desa Krueng Lamkareung	Balee desa krueng lamkareung	11/13/2006	1/31/2007	74	27	40.7%	Rp11,236,500
	School (FS) in Glee Bruek Village Lhoong Sub-District, Aceh Besar District	Desa Glee Bruek, Lhoong, Aceh Besar	11/14/2006	2/28/2007	107	25	80.00%	Rp7,738,350
	Field School (FS) in Glee Bruek Village Lhoong Sub-District, Aceh Besar District	Balai Pertemuan Desa Glee Bruek, Lhoong, Aceh Besar	11/14/2006	1/18/2007	64	30	63.30%	Rp10,782,000

Type	Title	Location	Starting Date	End Date	Duration (Days)	Participants	% Female	Budget (Rp)
<b>Total</b>						<b>5,092</b>	<b>33.60%</b>	<b>\$87,294.59</b>
	Field School (FS) in Baroh Krueng Kala Village Lhoong Sub-District, Aceh Besar District	Balai Pertemuan Desa Baroh Krueng Kala, Lhoong, Aceh Besar	11/14/2006	1/18/2007	64	30	63.30%	Rp10,782,000
	SEKOLAH LAPANGAN-SLA DI 4 KELURAHAN DI HULU DAS BATANG AIR DINGIN, DAS BATANG ARAU DAN DAS BATANG KURANJI (PADANG-SUMATERA BARAT)	Balai Gadang and Lubuk Minturun villages (Koto Tengah Sub-district); Lambung Bukit and Limau Manis Selatan villages (Pauh Sub-district), Padang Municipality	11/15/2006	2/15/2007	93	100	31.00%	Rp22,220,020
Farmer Field School (cont')	Sekolah Lapangan di Desa Kp. seulumum	Meunasan Desa Kp. Seulumum	11/15/2006	2/15/2007	90	25	84.00%	Rp9,732,600
	Sekolah Lapang di Desa Bueng	Meunasa di Desa Bueng	11/15/2006	2/15/2007	90	30	36.70%	Rp12,002,600
	ESP WSM Field School in Rumah Sumbul	Jambur Desa Rumah Sumbul	11/16/2006	3/10/2007	115	13	69.20%	Rp6,646,350
	ESP WSM Farmer Field School Bandar Baru	Rumah Nenek Jubaida di Desa Bandar Baru	11/17/2006	1/17/2007	60	42	38.10%	Rp4,815,758
	ESP WSM Field school in Puangaja village	Balai Desa Puangaja	11/17/2006	3/14/2007	119	32	40.60%	Rp8,458,914
	ESP WSM Field School in Doulu Village	Rumah Nande Fauzi di Desa Doulu	11/20/2006	3/21/2007	122	15	13.30%	Rp9,314,330
	ESP WSM Field School in Semangat Gunung Village	Field Office ESP di Desa Semangat Gunung	11/20/2006	3/21/2007	122	10	10.00%	Rp7,979,640
	Aksi Rintisan Sekolah Lapangan Di Desa Menoreh	Rumah Kadus Derepan Menoreh	11/21/2006	1/23/2007	62	25	84.00%	Rp9,559,639
	Aksi rintisan sekolah lapangan ESP di desa sukorejo	Rumah Dewi Susanti	11/21/2006	1/31/2007	70	25	64.00%	Rp9,146,375

Type	Title	Location	Starting Date	End Date	Duration (Days)	Participants	% Female	Budget (Rp)
<b>Total</b>						<b>5,092</b>	<b>33.60%</b>	<b>\$87,294.59</b>
	Aksi Rintisan Sekolah Lapangan ESP di Desa Sukomulyo	Rumah Kadus Suko Mulyo, Desa Suko Mulyo	11/21/2006	1/31/2007	70	25	44.00%	Rp9,146,375
	Aksi Rintisan Sekolah Lapangan ESP di desa Madugodo	Balai desa Madugondo	11/21/2006	1/23/2007	70	25	44.00%	Rp9,404,875
	Aksi Rintisan Sekolah Lapangan ESP di Desa Krumpakan	Rumah Kades Krumpakan	11/21/2006	1/30/2007	70	25	48.00%	Rp110,940,888
	ESP WSM Field School in Penampen Village	Jambur Desa Penampen	11/22/2006	3/11/2007	110	33	33.30%	Rp8,176,350
	ESP WSM Field School in Serdang Village	Kantor Kepala Desa Serdang	11/22/2006	3/11/2007	112	25	48.00%	Rp7,120,150
	Aksi Rintisan Sekolah Lapangan ESP di desa Mangunrejo	Balai desa Mangunrejo	11/22/2006	2/7/2007	70	25	44.00%	Rp9,404,875
	Aksi rintisan sekolah lapangan ESP di desa Bumiayu	Balai desa pucungroto	11/22/2006	3/2/2007	70	25	56.00%	Rp9,146,375
Farmer Field School (cont')	Aksi Rintisan Sekolah Lapangan ESP di Desa Banjaragung	Balai Desa Banjaragung	11/22/2006	1/31/2007	70	25	68.00%	Rp11,094,888
	Aksi rintisan sekolah lapangan ESP di desa pucungroto	Balai desa pucungroto	11/23/2006	2/1/2007	70	25	48.00%	Rp9,146,375
	Aksi Rintisan Sekolah Lapangan ESP di Desa Sukomakmur	Rumah Bapak Warsono Dusun Naden	11/23/2006	2/1/2007	70	25	32.00%	Rp11,094,888
	Aksi Rintisan Sekolah Lapangan ESP di desa Sambak	Balai desa Sambak	11/23/2006	1/25/2007	70	25	100.00%	Rp9,404,875
	Sosialisasi Sekolah Lapangan (SL) di desa Lampuuk	Lampuuk, Lhoknga	11/24/2006	12/1/2006	2	37	27.0%	Rp300,000

Type	Title	Location	Starting Date	End Date	Duration (Days)	Participants	% Female	Budget (Rp)
<b>Total</b>						<b>5,092</b>	<b>33.60%</b>	<b>\$87,294.59</b>
	Aksi Rintisan Sekolah Lapangan ESP di Desa Kebonrejo	Balai Desa Kebonrejo	11/24/2006	2/26/2007	73	25	64.00%	Rp69,559,963
	Aksi Rintisan Sekolah Lapangan ESP di Desa Sutopati	Rumah Nanik Arini Dusun Kopeng Wetan	11/24/2006	2/2/2007	70	25	32.00%	Rp11,094,888
	Aksi Rintisan Sekolah Lapangan ESP di Desa Sangen	Balai Desa Sangen	11/29/2006	1/31/2007	73	25	44.00%	Rp9,559,963
	Aksi Rintisan Sekolah Lapangan ESP di Desa Salaman	Balai Desa Salaman	11/30/2006	2/1/2007	73	25	84.00%	Rp9,559,963
	Participatory Hygiene Behavior Change Intervention Planning	Cijambe Village	12/1/2006	1/20/2007	40	24	75.00%	Rp5,000,000
	Field School of Solid Waste on Desa Cijambe Kabupaten Subang	Desa Cijambe Subang	12/4/2006	1/31/2007	37	25	40.0%	3,582,500
	Pelaksanaan Aksi Penanaman di Desa Cijambe, Kecamatan Cileluleuy-Cilamatan Sub-Watershed Subang District	Desa Cijambe	1/10/2007	1/26/2007	17	141	41.10%	Rp2,536,600
Farmer Field School (cont')	NAD/Training perbanyak tanaman untuk masyarakat Baroh Krueng Kala	Balai Pertemuan Desa Baroh Krueng Kala, Lhoong, Aceh Besar	1/30/2007	2/1/2007	3	30	63.30%	Rp725,000
	NAD/Training perbanyak tanaman untuk masyarakat Glee Bruek	Balai Pertemuan Glee Bruek, Lhoong, Aceh Besar	1/30/2007	2/1/2007	3	25	68.00%	Rp717,300
	Aksi Propagation dan Composting FS Desa Krueng Lamkareung	Krueng Lamkareung	2/14/2007	2/28/2007	15	27	59.30%	Rp3,808,000
	Aksi kecil FS Desa Ulee-U	Desa Ulee-U	2/17/2007	2/28/2007	12	35	37.10%	Rp4,982,000
	Aksi kecil FS Desa Kp. Seulimum	Desa Kp. Seulimum	2/18/2007	2/18/2007	1	25	16.00%	Rp2,298,500

## APPENDIX D: Summary of ESP Achievements based on PMP, Status Mid Year of FY 2007

Table D-I Summary of Achievement of Leveraging Other Financial Support (Cross Cutting Theme/Integration #1)  
Status of March 2007 (Mid Year of FY 2007)

Quarter	# of PPP	Program Name	Partner Organization	Type of Organization	Location	Amount Leveraged (\$)	Remarks
First Quarter (Oct 06 - Dec 06)	1	Land Rehabilitation and Conservation Program in Sub-DAS Tangsi (in Potorono and Menoreh Hill Area)	Pusat Penyelamatan Satwa Jogja	Private Sector	Central Java	2,000.00	Provide 3,000 Aren seedlings for rehabilitated Potorono and Menoreh Hills Area
	2	Land and Water Rehabilitation and Coservation in Sleman District	Agro-Forestry Services office of Sleman District	Public Sector	Yogyakarta	9,600.00	Provided seedling for the land rehabilitation program
	3	GIRAB (Gerakan Rehabilitasi Bumiaji)	Brantas Project	Private Sector	East Java	2,200.00	Provide seedlings for the land rehabilitation program under GIRAB Program
	4	Development of Community-based Sanitation System in Kepanjen-Malang	Pemda Kabupaten Malang	Public Sector	East Java	22,200.00	Fund provided was used for the construction of the sanitation facilities, due on December 29, 2006
	<b>Sub Total of Amount Leveraged during First Quarter</b>						<b>36,000.00</b>
<b>Sub Total of Total PPP during the First Quarter</b>						<b>4</b>	
Second Quarter (Jan 06 - Mar 07)	5	Community Based Sanitation - Construction of Public Toilet / MCK	Bappedalda Prop Sumut	Public Sector	North Sumatra	555.00	The fund was used for construction of the facilities and ESP provided technical support for the construction work of the facilities
	6	Development of Solid Waste Management System in Kelurahan Gading - Surabaya	Dinas Kebersihan dan Pertamanan Kota Surabaya, Kelurahan Gading	Public Sector	East Java	278.00	For purchasing the composting (Takakura) and re-greening equipments for RW XVII of Kelurahan Gading on January 9, 2007
	7	Development of Solid Waste Management System in Kelurahan Gading - Surabaya	World Vision (FSN-USAID)	Private Sector	East Java	889.00	For purchasing composting equipment (Takakura) and solid waste cart and garbage for RW XVII of Kelurahan on January 9, 2007
	8	Workshop Community Based Garbage Mngt Upper Brantas River Reach (untuk community Malang Raya)	Nippon Koei	Private Sector	East Java	2,250.00	For purchasing the composting equipment (Takakura) for community groups in ESP sites of Malang Raya, done on February 14, 2007
	9	Training for Implement community based solid waste management system in Kepanjen	Dinas Perumahan, Kebersihan dan Pertamanan Kab. Malang	Public Sector	East Java	888.89	ESP provided support as the resource person for the training held on March 22, 2007
	10	Study tour for Kepanjen community	Dinas Perumahan, Kebersihan dan Pertamanan Kab. Malang	Public Sector	East Java	555.55	The fund was used to bring the community groups from Kepanjen who participated in the study tour activities to jambangan (Surabaya) on March 24, 2007

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Quarter	# of PPP	Program Name	Partner Organization	Type of Organization	Location	Amount Leveraged (\$)	Remarks
Second Quarter (Jan 06 - Mar 07), cont'	11	Development of Solid Waste Management System in RW XI, Kelurahan Kapasari - Surabaya	Dinas Kebersihan dan Pertamanan Kota Surabaya	Public Sector	East Java	178.00	For purchasing the composting equipment (Takakura) for community groups in RW XI Kapasari Kecamatan Genteng done on March 4, 2007
	12	Land Rehabilitation in Tangsi Watershed Area	MAP and IOM	Private Sector	Central Java	2,000.00	MAP and IOM provided bamboo seedling and the community conducted the tree planting program
	13	Land Rehabilitation in Tangsi Watershed Area	Forestry Services Office of Central Java Province	Public Sector	Central Java	5,000.00	The fund was used for purchasing seedlings for land rehabilitation in Potorono Hill. ESP provided technical support to the program
	14	Bond Issuance for PDAM Kab. Bogor	PT Danareksa	Private Sector	West Java	1,111.00	PT Danareksa fund the workshop for PDAM and ESP provided technical support to the workshop
	15	Sustainability Raw Water Resources for PDAM Medan workshop - BAPPENAS	BAPPENAS	Public Sector	North Sumatra	1,666.67	PT Danareksa fund the workshop for PDAM and ESP provided technical support to the workshop
<b>Sub Total of Amount Leveraged during Second Quarter</b>						<b>15,372.11</b>	
<b>Sub Total of Total PPP during the Second Quarter</b>						<b>11</b>	
<b>Total Amount leveraged of Mid-Year of FY 2007</b>						<b>51,372.11</b>	
<b>Total PPP of Mid-Year of FY 2007</b>						<b>15</b>	
<b>Total Amount leveraged up to end of Program Year 2006</b>						<b>1,919,200.00</b>	
<b>Total PPP up to end of Program Year 2006</b>						<b>23</b>	
<b>To date achievement of total amount leveraged</b>						<b>1,970,572.11</b>	<b>98.45%</b>
<b>To date achievement of PPP</b>						<b>38</b>	<b>148%</b>

**Table D-2 Summary of Achievement of Collaborative Program (Cross Cutting Theme/Integration #2)  
Status of March 2007 (Mid-Year of FY 2007)**

Quarter	# of PPP	Program Name	Partner Organization	Location	Description
First Quarter (Oct 06 - Dec 06)	1	Development of materials for well assessment projects for SPD/DAI in Aceh Besar and Banda Aceh	ESP, SPD/DAI	NAD	ESP provide technical support on the design of the development of materials for well assessment projects in Aceh Besar and Banda Aceh
<b>Sub-total collaborative program during in the First Quarter of FY 2007</b>				<b>1</b>	
Second Quarter (Jan Mar 07)	2	Gerakan Cinta Lingkungan dan Hidup Sehat	ESP, DBE-2, HSP	NAD	Promote better hygiene practices in the schools with the students and teachers
	3	Technical Assistance for rehabilitation of health facilities in Aceh Barat, Aceh Jaya and Aceh Besar	HSP	NAD	Assistance in the assessment and design for rehabilitation of water and sanitation systems in 9 health facilities.
	4	Student Workshop: Gerakan Cinta Lingkungan dan Hidup Sehat	ESP, DBE-2, HSP	NAD	Promote better hygiene practices in the schools with the students and teachers
	5	Preparation of provincial map detailing proposed sites of DBE I	DBE I	NAD	Detailed map prepared for DBE I of proposed activity sites to aid in final selection of sites.
	6	Campaign "Clean River, Healthy Life"	ESP, SWS, HSP and FSN Partner	DKI Jakarta	Support community initiative for a two-week Clean River Program followed by declaration of Joint Commitment for Health and Hygiene Behavior as part of a bigger event of MCK groundbreaking
	7	Workshop on Puskesmas Facility Assessment for Water and Sanitation Infrastructure - Dissemination of Assessment Results	ESP, SWS and HSP	DKI Jakarta	Disseminate results of Puskesmas Facility Assessment for health, water and safe water facilities and plan for potential future collaboration specifically on water, sanitation and hygiene improvement
	8	Assessment of School Water and Sanitation Facility	ESP and OVC Partner	DKI Jakarta	Support USAID's Opportunities for Vulnerable Children (OVC) implementing organization, Helen Keller International for a water and sanitation facility assessment for five model schools of HKI in five districts of DKI Jakarta
	9	Training Operational and Maintenance MCK Community Based Sanitation System	ESP and FSN Partner	North Sumatra	The training was conducted in Kampung Baru Village. Beside collaborate with FSN Partner, ESP also collaborated with JKM.
	10	Development of Clean and Green School in Jogonalan - Klaten	ESP, DBE-I and SWS	Central Java	In this quarter, ESP through this collaboration conduct corner discussion to develop the clean and green concept at school in Jogonalan - Klaten
<b>Sub-total collaborative program during in the Second Quarter of FY 2007</b>				<b>9</b>	
<b>Total Collaborative Program with Other USAID's Program up to Mid Year of FY 2007</b>			<b>10</b>		
<b>Total Collaborative Program with Other USAID's Program up to End of FY 2006</b>			<b>27</b>		
<b>To date achievement of total collaborative program with Other USAID's Program</b>			<b>37</b>	<b>370%</b>	

**Table D-3 (a) Summary of Achievement of Public Outreach and communication (Cross Cutting Theme/Integration #3) - Campaign by ESP**  
**Status of March 2007 (End of Second Quarter of FY 2007)**

Quarter	# of Campaign	Campaign Name	Type of Campaign Activities	Campaign Activities	Location
First Quarter (Oct 06 - Dec 06)	1	MMC #6: Clean Water for Better Health	Media Relation Activities	Media Discussion (5); Round Table Discussion (1), Media Visit (2)	North Sumatra, DKI Jakarta, West Java, Central Java, East Java
			Advocacy Event	Seminar (1), Media Road Show (4), NGO discussion(2), communication event (1)	
			Media Campaign	Radio Talk Show (5), TV Talk Show (1), opinion editorial (1)	
	2	Campaign supported WSM Issues	Media Campaign	Campaign on Ecological Agriculture	North Sumatra
	3	Campaign supported WSM Issues	Media Campaign	Land Rehabilitation for Brantas watershed area	East Java
4	Campaign support SD issues	Media Campaign	Part of Cinta Air Program	DKI Jakarta	
<b>Sub Total of Campaign Activities by ESP during First Quarter</b>				<b>4</b>	
Second Quarter (Jan - Mar 07)	1	MMC #7: Why Community-based Sanitation System?	Media Relation	7 road shows to media and relevant stakeholders and 4 Media Visits	North Sumatra, DKI Jakarta, West Java, Central Java, East Java
			Communication Event	5 workshops and 1 training course for journalist	
			Media Campaign	12 radio Talk Shows, 1 TV Talk Show and 6 column by experts	
	2	Campaign supported WSM Issues	Media Relation	Media visit on composting and tree planting activities (2 times)	West Java
3	Multi Sectors' Meeting on development of Model for Conservation Village in Gede Pangrango National Park		West Java		
4	Media Campaign		Kampanye Jangan Lagi Ada Banjir di Desa Inil/"No More Flooding in This Village!"	North Sumatra	
Second Quarter (Jan - Mar 07)	5	Campaign supported WSM Issues	Media Campaign	Live interview and Talkshow in Radio (4 live interviews and 5 radio talkshows)	West Java
	6		Communication Event	Workshop untuk Ulama dalam rangka mendukung Aksi Penanaman Pohon	West Java
	7	Campaign supported SD Issues - World Water Day Commemoration	Media Campaign	Talk show on TV (5) and Radio (5) in Bandung and Cianjur	West Java
			Article writing during 2007 World Water Day Commemoration	West Java	
			Awareness Campaign for NGO Grantee in DPRD Medan	North Sumatra	
			World Water Day 2007 - "Coping with Water Scarcity": Media Discussion and Media Visit	DKI Jakarta	
			Advocacy Event	Training on Water Quality Monitoring for Students during 2007 World Water Day	West Java
			Public Expose on Water Quality Monitoring during 2007 World Water Day Commemoration	West Java	
Communication Event	World Water Day 2007 - Problems for sustainability water resources identified and solutions provided	North Sumatra			
Training on Water Quality Monitoring for Students during 2007 World Water Day Commemoration	West Java				
Survey on Water Quality Monitoring by Students during 2007 World Water Day Commemoration	West Java				
Second Quarter (Jan - Mar 07)		Campaign supported SD Issues - World Water Day Commemoration	Communication Event	Photo Exhibition "Water From ridge to reef"	Central Java
	8	Campaign supported SD issues	Media Campaign	Media campaign micro credit support	East Java, West Java and Central Java
<b>Sub Total of Campaign Activities by ESP during Second Quarter</b>				<b>8</b>	
<b>Total Campaign Activities by ESP Conducted up to Mid-Year of FY 2007</b>					<b>12</b>
<b>Total Campaign Activities by ESP Conducted up to End of Year 2006</b>					<b>20</b>
<b>To date achievement of the Campaign Activities by ESP Conducted</b>					<b>32</b>

**Table D-3 (b) Summary of Achievement of Public Outreach and communication (Cross Cutting Theme/Integration #3) - Campaign by ESP Partners**

**Status of March 2007 (End of Second Quarter of FY 2007)**

Quarter	# of Campaign	Campaign Name	Type of Campaign Activities	Location	Partner's Name
First Quarter (Oct 06 - Dec 06)	1	Biodiversity Campaign for School Children in City of Medan, Conducted by Bapedalda of North Sumatra	Media Campaign	North Sumatra	Bapedalda of North Sumatra Province
	2	Awareness campaign on water spring crisis, Conducted by Banyubening - Bumiayu Community Group	Advocacy Event	Kajoran Sub-district, Magelang District of Central Java	Banyubening - Bumiayu Community Groups
	3	Water and Health Campaign for Street Children, Conducted by Humana Yogyakarta	Advocacy Event	Yogyakarta	Humana Yogyakarta
<b>Sub Total of Campaign Activities by ESP Partners during First Quarter</b>					<b>3</b>
Second Quarter (Jan - Mar 07)	1	Workshop Water Quality Monitoring	Communication Event	West Java	K3A and WPL
<b>Sub Total of Campaign Activities by ESP Partners during Second Quarter</b>					<b>1</b>
<b>Total Campaign Conducted by ESP Partners up to Mid-Year of FY 2007</b>					<b>4</b>
<b>Total Campaign Conducted by ESP Partners up to End Year 2006</b>					<b>13</b>
<b>To date achievement of the total Campaign Conducted by ESP Partners</b>					<b>17</b>

**Table D-3 (c) Summary of Achievement of Public Outreach and communication (Cross Cutting Theme/Integration #3) - Campaign Materials Developed and Produced**

**Status of March 2007 (End of Second Quarter of FY 2007)**

Quarter	Type of Campaign	Location	Materials Produced
First Quarter (Oct 06 - Dec 06)	MMC #6: Clean Water for Better Health	North Sumatra, DKI Jakarta, West Java, Central Java, East Java	Fact sheet (3), Media Kit (1), Hand-out (2), leaflet (3), Pin/badget (1), T-shirt (1), backgrounder (3), presentation (3), brochure (1), Fact sheet (6)
	Campaign supported WSM Issues	North Sumatra	Use the existing materials that already developed and used
	Campaign supported WSM Issues	East Java	
	Campaign support SD issues	DKI Jakarta	
<b>Sub Total of Sets of Campaign Materials Developed during First Quarter</b>			<b>1</b>
Second Quarter (Jan - Mar 07)	MMC #7: Why Community-based Sanitation System?	North Sumatra, DKI Jakarta, West Java, Central Java, East Java	Press background (1), hand out (10), Fact sheet (3), column writing (6)
	Campaign supported WSM Issues	West Java	Fact sheet (3), Leaflet (1) Photo (8), banner (1), gimmick (1)
		North Sumatra	N/A
	Campaign Supported SD Issues - World Water Day	East Java, West Java and Central Java	Communication recommendation and creative materials for microcredit program
		North Sumatra	N/A
		DKI Jakarta	Hand-out (7), fact sheet (7), presentation (4), banner (1), leaflet (3)
		West Java	T-Shirt (1), Poster (3), Fact sheet (1), leaflet (1), gimmick (1), Photo (8), Banner (3)
	Central Java	Photos (64 )	
<b>Sub Total of Sets of Campaign Materials Developed during Second Quarter</b>			<b>6</b>
<b>Total Sets of Campaign Materials Developed up to Mid-Year of FY 2007</b>			<b>7</b>
<b>Total Sets of Campaign Materials Developed up to End of Year 2006</b>			<b>28</b>
<b>To date achievement of the total Sets of Campaign Materials Developed</b>			<b>35</b>

**Table D-3 (d) Summary of Achievement of Public Outreach and communication (Cross Cutting Theme/Integration #3) - Media Coverage**

**Status of March 2007 (End of Second Quarter of FY 2007)**

Quarter	Province	Type of Media	Name of Media	Number of Publication	Rating	People Reached by Media Campaign	
First Quarter (Oct 06 - Dec 06)	North Sumatra	Newspaper	Sumut Post	5	6,000	30,000	
			Medan Bisnis	1	17,000	17,000	
			Analisa	2	211,000	422,000	
			Kompas	1	29,000	29,000	
			Seputar Indonesia	1	N/A	-	
		Radio	Smart FM	3	N/A	-	
	DKI Jakarta	Newspaper	Jurnal Nasional	3	N/A	-	
			Republika	4	321,000	1,284,000	
			Kompas	3	1,721,000	5,163,000	
			Media Indonesia	3	611,000	1,833,000	
			The Point	1	N/A	-	
			Suara Karya	1	N/A	-	
			The Jakarta Post	3	N/A	-	
			Warta Kota	1	N/A	-	
			Koran Tempo	1	N/A	-	
			Radar Bogor	1	N/A	-	
			TV	Trans TV	1	98,093,288	98,093,288
			Jak TV	1	N/A	-	
			TPI	1	106,176,000	106,176,000	
		Radio	Voice of America	3	N/A	-	
		KBR 68 H	1	N/A	-		
		Delta FM	1	N/A	-		
	West Java	Newspaper	Seputar Indonesia	1	N/A	-	
			Pikiran Rakyat	8	468,000	3,744,000	
			Kompas	14	85,000	1,190,000	
			Galamedia	4	N/A	-	
			Media Indonesia	1	6,000	6,000	
		Radio	Mara FM	1	N/A	-	
		Shaf FM	1	N/A	-		
		Walagri FM	2	N/A	-		
Sonata AM		1	N/A	-			
RRI Pro I FM		1	N/A	-			
TV	Bandung TV	5	N/A	-			
Central Java/Yogyakarta	Newspaper	Kedaulatan Rakyat	5	N/A	-		
		Radar Yogya	2	N/A	-		
		Kompas	3	42,000	126,000		
		The Jakarta Post	1	N/A	-		
		Bernas	4	N/A	-		
		Suara Merdeka	4	291,000	1,164,000		
	TV	Yogya TV	1	N/A	-		
	Lativi	1	62,227,200	62,227,200			
	TVRI Yogyakarta	1	N/A	-			
	JMN	1	N/A	-			

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Quarter	Province	Type of Media	Name of Media	Number of Publication	Rating	People Reached by Media Campaign	
First Quarter (Oct 06 - Dec 06) - cont'	East Java	Newspaper	Jawa Pos	1	1,224,000	1,224,000	
			Surabaya Pagi	1	N/A	-	
			Surabaya Post	1	7,000,000	7,000,000	
			Surya	2	185,000	370,000	
			Duta Masyarakat	1	N/A	-	
			Kompas	2	63,000	126,000	
			Radar Malang	2	N/A	-	
	East Java - cont'	TV	SCTV	1	106,268,184	106,268,184	
			A TV	1	N/A	-	
			Malang TV	1	N/A	-	
			Mahameru TV	2	N/A	-	
		On-line	<a href="http://www.beritajatim.com">www.beritajatim.com</a>	1	N/A	-	
		Radio	Citra Pro 3 FM	1	N/A	-	
<b>Sub Total of Media Coverage during First Quarter</b>				<b>121</b>	<b>People Reached by Media</b>	<b>396,492,672</b>	
Second Quarter (Jan - Mar 07)	North Sumatra	Electronic	Radio Prapanca FM	2	N/A	0	
		Newspaper	Analisa	10	211,000	2,110,000	
			Medan Bisnis	6	17,000	102,000	
			Kompas	4	29,000	116,000	
			Waspada	11	157,000	1,727,000	
			Sumut Pos/JPNN	2	6,000	12,000	
			Pos Metro Medan	1	284,000	284,000	
			Harian Berita Sore	1	N/A	0	
			Seputar Indonesia	1	110,000	110,000	
		Online	AMPL.or.id	1	N/A	0	
			Pempropsu.go.id	1	N/A	0	
			Medan Bisnis Online	1	N/A	0	
		DKI Jakarta	Newspaper	Kompas	1	1,973,000	1,973,000
	The Jakarta Post			1	N/A	0	
	Tempo			1	N/A	0	
	Media Indonesia			1	611,000	611,000	
	Magazine		Percik	1	N/A	0	
			Air Minum	1	N/A	0	
	TV		Trans TV	1	98,093,288	98,093,288	
			Metro TV	1	97,223,916	97,223,916	
			Jak TV	1	N/A	0	
	Radio		Elshinta FM	1	1,518,000	1,518,000	
			KBR 68 H	1	N/A	0	
	Online		Detik.com	2	N/A	0	
			Kompas.co.id	1	N/A	0	
			AMPL.or.id	1	N/A	0	
			Tempo Interactive	2	N/A	0	
	West Java		Newspaper	Pikiran Rakyat	12	468,000	5,616,000
				Sindo	3	N/A	0
		Galamedia		3	101,000	303,000	
Republika		5		12,000	60,000		
Bisnis Indonesia		1		N/A	0		
Kompas		5		85,000	425,000		

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Quarter	Province	Type of Media	Name of Media	Number of Publication	Rating	People Reached by Media Campaign	
Second Quarter (Jan - Mar 07) - cont'	West Java - cont'	Newspaper	Tadjuk	1	2,000	2,000	
			Tribun Jabar	3	N/A	0	
			Radar Bogor	6	297,000	1,782,000	
		Tabloid	Galura	2	2,000	4,000	
		Electronic	Metro TV	1	97,223,916	97,223,916	
			Pasundan FM	4	N/A	0	
			Elshinta FM	2	N/A	0	
			Chandra FM	3	N/A	0	
			Walagri 93,3 FM	2	N/A	0	
			Shaf AM	1	N/A	0	
			Bandung TV	1	N/A	0	
			MQ TV	1	N/A	0	
			STV	1	N/A	0	
			RSDP FM	1	N/A	0	
			Plus Bio FM	1	N/A	0	
			Nurani FM	1	N/A	0	
			Central Java/Yogyakarta	Newspaper	Suara Merdeka	5	291,000
	Bernas				5	N/A	0
	Kedaulatan Rakyat	11			N/A	0	
	Radar Yogya	3			N/A	0	
	Kompas	1			42,000	42,000	
	The Jakarta Post	1			N/A	0	
	Online	Kompas Online		1	N/A	0	
		Jawa Pos Online		1	N/A	0	
	Electronic	Yogya TV		2	N/A	0	
		TVRI Yogyakarta		1	N/A	0	
		Sonora FM		4	N/A	0	
		Female Radio	1	N/A	0		
East Java	Newspaper	Jawa Pos	5	1,224,000	6,120,000		
		Kompas	5	63,000	315,000		
		Harian Surya	1	185,000	185,000		
	Electronic	Malang News Channel	4	N/A	0		
		AN TV	1	91,028,857	91,028,857		
		A TV (TV local)	1	N/A	0		
<b>Sub Total of Media Coverage during Second Quarter</b>				<b>171</b>	<b>People Reached by Media</b>	<b>408,441,977</b>	
<b>Total Media Coverage up to Mid-Year of FY 2007</b>						<b>292</b>	
<b>Total People Reached by Media Campaign up to Mid-Year of FY 2007</b>						<b>804,934,649</b>	
<b>Total Media Coverage up to End of Year of 2006</b>						<b>0</b>	
<b>Total People Reached by Media Campaign up to End of Year 2006</b>						<b>-</b>	
<b>To date achievement of the total Media Coverage</b>						<b>292</b>	
<b>To date achievement of the total People Reached by Media Campaign</b>						<b>804,934,941</b>	

**Table D-4 Summary of Achievement of People Participated in ESP Trainings and Workshops (Cross Cutting Theme/Integration #4)  
Status of March 2007 (End of Second Quarter of FY 2007)**

<b>Quarter</b>	<b>Total People Trained</b>	<b>Women Participation (%)</b>	<b>Budget Spent for Training Activities (US\$)</b>
First Quarter (Oct 06 - Dec 06)	2256	19.99	24,401.08
Second Quarter (Jan - Mar 07)	5092	33.6	87,294.59
<b>Total</b>	<b>7348</b>		<b>111,695.67</b>
<b>Average of Women Participated in the Trainings and Workshops</b>		<b>26.80</b>	
<b>Total People Trained in the ESP training, workshops and seminars up to end of Year 2006</b>			<b>8,211</b>
<b>Average of women participated in the trainings and workshop up to end of Year 2006 (%)</b>			<b>27.095</b>
<b>Total Budget Spent for the training and workshop activities up to end of Year 2006 (US\$)</b>			<b>564,894.45</b>
<b>Total People Trained in the ESP training, workshops and seminars up to this quarter</b>			<b>15,559</b>
<b>Average of women participated in the trainings and workshop up to this quarter (%)</b>			<b>26.945</b>
<b>Total Budget Spent for the training and workshop activities up to this quarter (US\$)</b>			<b>676,590.12</b>

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Table D-5 Progress of Achievement of the Policy Development Recognizing Land Tenure and Community Rights Access to Their Forests and Watershed Area (WS Outcome #1)

Status of March 2007 (End of Second Quarter of FY 2007)

No	Province	Title of New Local policy	Subject of New Local policy	Development Score (%)											Remarks		
				Mar-05	Sep-05	Mar-06	Sep-06	Mar-07	Sep-07	Mar-08	Sep-08	Mar-09	Sep-07				
1	NAD	Qanun Gampong (village regulation) Jruiek Balee No.1/JB/2007	land tenure and access rights to manage watershed area	0	0	0	0	100							Completed, have been signed on 12 March 07	Total local policy developed up to Mid-Year of FY 2007	8
2	North Sumatra/Sei Wampu	MOU among community group, ESP and Ditjen PHKA	Increase community access to the management of wildlife sanctuary Langkat Timur Laut	5	27	41	60	65									
3	North Sumatra/Tahura	Provincial Regulation (Perda) on development of Tahura management	Increase the capacity management with involvement of local community	9	23	32	45	45									160%
4	North Sumatra/Lau Biang	Village regulation (Perdes) in 7 villages in adjacent of Tahura Bukit Barisan	Land tenure and involvement of local community in protecting forest	0	0	7	25	25									
5	North Sumatra/Lau Petani	Village regulation (Perdes) in 12 villages of Sub-DAS Lau Petani	land tenure for promoting biodiversity conservation	5	27	41	69	69									
6	West Sumatra	-	-	Not Applicable													
7	DKI Jakarta			Not Applicable													
8	West Java/Cilamaya	District Regulation No. 2 Tahun 2006	Development of DAS Committee in Subang District	20	55	80	80	80									
9	West Java/Cikundul	MoU between Sukatani Village, TNGP and Puspas Lestari Farmer Group	Rehabilitation at conservation (PHBM) lands	0	0	0	0	100							Completed and have been signed on 8 November 2006		
10		MoU between Cikanyere Village and Intisari Farmer Group	Participatory rehabilitation (RHLP) for the national pilot project	0	0	0	0	100							Completed and have been signed on 6 December 2006		
11		MoU between Cikanyere Village and Tunas Mekar Farmer Group	Participatory rehabilitation (RHLP) for the national pilot project	0	0	0	0	100							Completed and have been signed on 6 December 2006		
12		MoU between Sukaesmi Village and Wargi Resmi Farmer Group	Participatory rehabilitation (RHLP) for the national pilot project	0	0	0	0	100							Completed and have been signed on 6 March 2007		
13		MoU between Cibodas Village and Giriwiyana Farmer Group	Local community initiated rehabilitation	0	0	0	0	100							Completed and have been signed on 5 February 2007		
14		MoU between Cirumput Village and Sekarwangi Farmer Group	Local community initiated rehabilitation	0	0	0	0	100							Completed and have been signed in March 2007		
15	Central Java/Tangsi	Perdes (Village Regulation) on management of forest area for agro and forestry tourism	Conservation Management of forest area in Sambak Village for agro and forestry tourism	Not Applicable				0	100						Completed, the regulation have been signed on 12 January 2007		
16	East Java/Sumber Brantas	Village regulation (perdes) supported by Perhutani	Land rehabilitation in Wengkon Forest	10	13	36	53	44									
17	East Java/Welang	Village Regulation (Perdes) supported by Perhutani	Management of enclave forest by LMDH	Not Applicable				53									
18	National			Not Applicable													

**Table D-6 Summary of Achievement of Increasing of Rehabilitated Land to Improve Watershed Function for Water Supply (WS Outcome #2)**

**Status of March 2007 (End of Second Quarter of FY 2007)**

Quarter	Region	Sub DAS	District	Rehabilitated Area (hectares)	Remarks
First Quarter (Oct - Dec 06)	NAD	Krueng Aceh	Aceh Besar	775	Conducted by 9 community groups of Krueng Aceh Watershed in Aceh Besar (9 villages).
		Krueng Sabee-Geupue	Aceh Jaya	239	Coastal rehabilitation conducted in Sawang, Babahngom and Kuala Meurisi villages/sub-villages and involved 3 community groups. In Sawang, the activity co-funded by DKP Jakarta/Mangrove Foundation Bogor
		Krueng Sabee-Geupue	Aceh Besar	553	All of these coastal rehabilitation activities conducted in Leupung sub-district, involved 5 community groups in 4 villages. These activities were supported by ESP, UN-FAO, BRR, IPRD Australian, and camat. Main Budget for implementation was from BRR
	North Sumatra	Lau Petani	Deli Serdang	173.6	In collaboration with OIC through ESP Small Grant Program
	DKI Jakarta	Not Applicable			
	West Java	Cikundul-Cilaku	Cianjur	461	370 hectares have been planted in Sub DAS Cikundul-Cilaku and 91 hectares have been planted in RHL Program areas of Cianjur District
		Cipunegara, Ciasem, Cilamaya	Subang	54.5	Planted in Ranggawulung grand park of Subang District. This program is collaborative program between ESP, Pertamina and Forestry and Plantation Services Office of Subang District
	Central Java/Yogyakarta	Progo	Sleman	180	Rahabilitation activity will continued by community through Agro-forestry development in dry land
		Sub-DAS Tangsi	Magelang	60	the tree planting have been conducted in Bukit Menoreh of Sub DAS Tangsi
	East Java	Not Applicable			
<b>Sub total of rehabilitated area (hectares)</b>				<b>2496.1</b>	
Second Quarter (Jan - Mar 07)	NAD	Krueng Aceh	Aceh Besar	1196	Conducted by 7 community groups of Krueng Aceh Watershed in Aceh Besar (10 villages).
		Krueng Sabee-Geupue	Aceh Jaya	110	Coastal rehabilitation conducted in Babahngom and Keude Krueng Sabee villages and involved 3 community groups
	North Sumatra	DAS Deli/Sub-DAS Lau Petani	Deli Serdang	69	The land rehabilitation program were conducted through collaboration with OIC through ESP Small Grant Program and part of Field School activities in Farmer Learning Center
	DKI Jakarta	Not Applicable			
	West Java	Cipunegara, Ciasem, Cilamaya	Subang	15	Planted in Cijambe Village by 5 community groups in this village. This program has been supported by Forestry and Plantation Services Office of Subang District
		Cikampung	Bandung	0.2	Planted in land of one of Field School Member in Wangunharja Village of Bandung district
		Cikundul-Cilaku	Cianjur	760.3	Planted at Sub DAS Cikundul-Cilaku, including degraded lands of TNGP conservation forest. Thousand of seedlings came from community nurseries, donated by partners. Partners involved for that planting actions are Community networks (Jampedas and Foresta), Community group Puspa Lestari, TNGP, PKT, business sectors, Perum Perhutani, Cikundul-Cilaku Multistakeholders Forum, Students, Village and sub district government levels, university, personal donation
	Central Java/Yogyakarta	Sub-DAS Tangsi	Magelang	620	the tree planting have been conducted in Bukit Potorono of Sub-DAS Tangsi by the community groups with support from multi stakeholders and ESP
	East Java	Sumber Brantas	Batu	968	collaboration with GIRAB, LMDH through SGP. Seedling come from community nurseries, KLH, Perhutani, Hippam and PDAM
		Brangkal	Mojokerto	50	ESP support seedling to Schools on Forestry Program
Welang		Pasuruan	638	In collaboration with Perhutani, Tahura R. Soerjo, Kelp Tani Tahura and LMDH	
<b>Sub total of rehabilitated area (hectares)</b>				<b>4426.5</b>	
<b>Total of rehabilitated area (hectares) up to Mid Year of FY 2007</b>				<b>6922.6</b>	
<b>Total of rehabilitated area (hectares) up to End of FY 2006</b>				<b>23008.55</b>	
<b>To date achievement of the total of rehabilitated area (hectares)</b>				<b>29931.15</b>	<b>84.74%</b>

**Table D-7 Summary of Achievement of Biodiversity Value under Improved and Local Management (WS Outcome #3)  
Mid year of Year 2007 (End of March 2007)**

No	Province	Name of Protected/ Forest Area/ Watershed Area	Type of Protected/ Forest Area *)	Total Increased in Forest Area With High Biodiversity Value under Improved Management									
				FY 05		FY 06		FY 07		FY 08		FY 09	
				Area w/ Biodiversity (hectare)	Area under improved Management (Hectare)	Area w/ Biodiversity (hectare)	Area under improved Management (Hectare)	Area w/ Biodiversity (hectare)	Area under improved Management (Hectare)	Area w/ Biodiversity (hectare)	Area under improved Management (Hectare)	Area w/ Biodiversity (hectare)	Area under improved Management (Hectare)
1	NAD	Tahura Pocut Meurah Intan	National Grand Park/Tahura	Not Applicable				6300	3150				
2	N. Sumatra	Tahura Bukit Barisan (DAS Deli)	Grand Park Forest (Conservation area)	Not Applicable		51600	0	51600	25800				
		Suaka Margasatwa Langkat Timur Laut (DAS Wompu)	Wildlife Sanctuary			15765	7882.5	15765	7882.5				
3	W. Sumatra	Tahura Bung Hatta	Grand Park Forest (Conservation area)	Not Applicable	23000	0	ESP no longer work in West Sumatra Province						
4	DKI Jakarta			Not Applicable									
5	W. Java	Gede Pangrago	National Park	Not Applicable	21975	10987.5	21975	10987.5					
6	C. Java/DIY	Taman Nasional Merapi	National Park	Not Applicable				197	0				
		Potorono Forest	Community forest	Not Applicable				530	0				
7	E. Java	Tahura Raden Soeryo	Grand Park Forest	Not Applicable	27868.3	13934.15	27868	13934.15					
8	National			Not Applicable									
<b>Total Area</b>				<b>N/A</b>	<b>140208.3</b>	<b>32804.15</b>	<b>124235</b>	<b>61754.15</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Total Area of Baseline (hectare)</b>			<b>165868.3</b>										
<b>Total 50% increased (hectare)</b>			<b>82650</b>										
<b>% increased</b>				<b>N/A</b>	<b>39.69</b>	<b>74.72</b>	<b>0.00</b>	<b>0</b>					

**Table D-8 Summary of Achievement of People Benefiting from Copmmunity-based Coastal Rehabilitation Activities in Tsunami Impacted Area in Aceh (WS Outcome #4)**

Status of March 2007 (Mid year of FY 2007)

Quarter	District	Sub-district	Village	Type of Activities								Number of Household	Number of Beneficiaries	
				Site Selection	Preliminari Assessment	Community Mapping	Community Nursery	TOT	River Conservation	Coastal Conservation	Community Forum/ Network			
First Quarter (Oct - Dec 06)	Aceh Besar	Leupung	Lamsenia	√	√	√	√	√	√			-	-	
			Pulut	√	√		-	√		√		115	575	
			Meunasah Mesjid	√	√		-	√		√		263	1315	
			Meunasah Bak U	√	√		-	√		√		175	875	
			Deah Mamplam	√	√		-	√		√		454	2270	
		Lhong	Glee Bruuk									100	500	
			Baroh Krueng Kala									35	175	
		Lhoknga	Naga Umbang	√	√		-	-	√			40	200	
			Nusa									14	70	
		Aceh Jaya	Krueng Sabee	Kuala Meurisi	√	√	√	√	√			√		-
	Setia Bakti			Sawang-Sawang	√	√	√	√	√	√	√		-	-
Sawang-Babah Ngom	√			√	√		√	√	√		32	160		
<b>Sub Total of Number of People Benefiting from Community-based Coastal Rehabilitation Activities in Tsunami Impacted Area Up to First Quarter Period</b>											<b>1,228</b>	<b>6,140</b>		
Second Quarter (Jan Mar 07)	Aceh Jaya	Krueng Sabee	Keudee Krueng Sabee	√	√	√	-	√	√	√		-	-	
			Kuala Meurisi	√	√	√	√	√	-	√		-	-	
		Setia Bakti	Sawang	√	√	√	√	√	-	√		-	-	
			Babah Ngom	√	√	√	√	√	√	-		-	-	
			Padang	√	√	-	-	-	-	-	√	76	380	
			Gunong Meunasah	√	√	-	-	-	-	-	√	228	1140	
			Paya Laot	√	√	-	-	-	-	-	√	46	230	
			Sapek	√	√	-	-	-	-	-	√	158	790	
			Pantee Kuyun	√	√	-	-	-	-	-	√	178	890	
			Glee Subak	√	√	-	-	-	-	-	√	32	160	
			Baroh Krueng Kala	√	√	-	-	-	-	-	√	76	380	
<b>Sub Total of Number of People Benefiting from Community-based Coastal Rehabilitation Activities in Tsunami Impacted Area Up to First Quarter Period</b>											<b>794</b>	<b>3,970</b>		
<b>Total Beneficiaries up to Mid Year of FY 2007</b>												<b>10,110</b>		
<b>Total Beneficiaries up to End of FY 2006</b>												<b>2,840</b>		
<b>To date Achievement of Total Beneficiaries</b>											<b>12,950</b>	<b>222.51%</b>		

**Table D-9 Summary of Achievement by Province on the Development of WSM Plan (WS Task #1)  
Status of March 2007 (Mid-Year of FY 2007)**

No	Province	District/DAS/Sub-DAS	Score (%)												
			Mar-05	Sep-05	Mar-06	Sep-06	Mar-07	Sep-07	Mar-08	Sep-08	Mar-09	Sep-09			
a	NAD	Krueng Aceh/Aceh Besar					10	10						Total WSM Plan developed up to Mid-Year of FY 2007	I
b		Krueng Aceh/Krueng Seulimeum/Alur Mancang					50								
c		Krueng Sabee-Geupue/Krueng Sabee/Krueng Lageun					50						To date achievement of local policy developed		
d	North Sumatra	DAS Deli	7	31	43	91	91							2.94%	
e		DAS Deli/Sub-DAS Lau Petani	0	15	25	43	48								
f		DAS Wampu/Sub-DAS Wampu	5	19	28	46	46								
g		Tahura Bukit Barisan/DAS Deli and Wampu					39								
h	West Sumatra	DAS Batang Arau, batang Air Dingin dan Batang Kuranji	5	10	41	100									
i	DKI Jakarta		Not Applicable												
j	West Java	DAS Cipunegara-Ciasem	25	45	60	60	80								
k		DAS Citarum/Cikundul-Cilaku	45	15	25	40	70								
l	Central Java/DIY	DAS Progo/Sub-DAS Tangsi	Not Applicable			28	80								
m	East Java	Sumber Brantas/Batu	7	7	24	0	51								
		Mojokerto/Brangkal, Sumber Brantas, Welang					35								
n	National		Not Applicable												

**Table D-10 Summary of Achievement of Number of Community Groups Implement Improved Natural Resource Management (WS Sub-task I-4)**

**Mid year of Year 2007 (End of March 2007)**

Province	District	Achievement on the Total Community Group Implement Improved Natural Resource Management				
		FY 05	FY 06	FY 07 *)	FY 08	FY 09
		Total Community Group	Total Community Group	Total Community Group	Total Community Group	Total Community Group
NAD	Aceh Besar	0	4	38		
	Aceh Jaya	0	3	12		
	Singkil	0	0	4		
N. Sumatra	Karo	9	3	14		
	Deli Serdang	5	6	8		
	Medan	0	2	0		
	Langkat	0	1	0		
W. Sumatra	Kota Padang	7	2	4		
DKI Jakarta		N/A				
West Java	Subang	16	1	4		
	Cianjur	0	22	2		
	Bogor	0	0	1		
	Sukabumi	0	0	1		
Central Java/DIY	Magelang	0	15	0		
East Java	Batu	15	15	5		
	Pasuruan	0	0	7		
	Malang District	0	0	1		
	Kota Malang	0	0	1		
National		N/A				
	<b>Total Number of Community Group</b>	<b>52</b>	<b>74</b>	<b>102</b>	<b>0</b>	<b>0</b>
	<b>Total Cumulative of Community Group</b>	<b>52</b>	<b>126</b>	<b>228</b>	<b>228</b>	<b>228</b>

Note: \*) Up to Second quarter of Program Year of 2007

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Table D-II Summary of Achievement of PDAM Management Index Score (SD Outcome #1)  
Status March 2007 (Mid Year of FY 2007)

No	Province/PDAM	SCORING					% INCREASED OF PDAM PERFORMANCE									
		2004	Sep-05	Mar-06	Sep-06	Mar-07	2005		2006		2007		2008		2009	
							Mar	Sep	Mar	Sep	Mar	Sep	Mar	Sep	Mar	Sep
<b>A</b>	<b>NAD</b>															
	1 PDAM Tirta Daroy - Banda Aceh	N/A	N/A	26	39	40			N/A	50	54					
	2 PDAM Tirta Mountala - Aceh Besar	N/A	N/A	17	39	41			N/A	129	141					
	3 PDAM Tirta Meulaboh - Aceh Barat	N/A	N/A	13	27	30			N/A	108	131					
<b>B</b>	<b>North Sumatra Province</b>															
	4 PDAM Tirtanadi - Medan	51	53	54	58	58	N/A	4	6	14	14					
	5 PDAM Karo District	19	15	23	36	39	N/A	(21)	21	89	105					
	6 PDAM Langkat District	19	13	20	27	32	N/A	(32)	5	42	68					
	7 PDAM Sibolga Municipality	N/A	N/A	N/A	40	44				N/A	10					
<b>C</b>	<b>West Sumatra Province</b>															
	8 PDAM Padang Municipality	N/A	N/A	N/A	N/A											
	9 PDAM Solok District	N/A	N/A	N/A	N/A											
	10 PDAM Bukit Tinggi Municipality	N/A	N/A	N/A	N/A											
						No longer work with ESP										
<b>D</b>	<b>West Java Province</b>															
	11 PDAM Bandung Municipality	41	46	46	46	46	N/A	12	12	12	12					
	12 PDAM Bandung District	N/A	N/A	53	55	56			N/A	4	6					
	13 PDAM Bogor District	N/A	N/A	51	55	57			N/A	8	12					
	14 PDAM Bogor Municipality	N/A	N/A	64	66	67			N/A	3	5					
	15 PDAM Sukabumi Municipality	47	55	55	56	56	N/A	17	17	19	19					
	16 PDAM Sukabumi District	32	37	38	40	43	N/A	16	19	25	34					
	17 PDAM Purwakarta District	40	43	44	46	46	N/A	8	10	15	15					
	18 PDAM Subang District	43	50	55	53	53	N/A	16	28	23	23					
	19 PDAM Cianjur	N/A	N/A	49	49	49			N/A	-	-					
<b>E</b>	<b>Central Java/Yogyakarta Province</b>															
	20 PDAM Yogyakarta Municipality	N/A	N/A	47	49	49			N/A	4	4					
	21 PDAM Surakarta Municipality	N/A	N/A	54	55	55			N/A	2	2					
	22 PDAM Magelang District	N/A	N/A	48	49	49			N/A	2	2					
<b>F</b>	<b>East Java Province</b>															
	23 PDAM Malang Municipality	53	61	62	64	65	N/A	15	17	21	23					
	24 PDAM Malang District	29	37	39	39	39	N/A	28	34	34	34					
	25 PDAM Gresik Municipality	26	32	32	34	34	N/A	23	23	31	31					
	26 PDAM Sidoarjo Municipality			29	31	31			N/A	7	7					
	27 PDAM Surabaya Municipality				53	53				N/A	-					
<b>G</b>	<b>Special Imperative Area</b>															
	28 PDAM Manado Municipality			15	31											
						No longer work with ESP										
							To Date of average of % increased of the PDAM Performance Index				26.87					

Note:

- The Baseline data of several PDAMs are different because the starting time of joining PDAMs with ESP are different. The Blue Highlight indicates the PDAM starting time of working with ESP (baseline)

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**Table D-12 Summary of Achievement of People Access to Clean Water (Non-PDAM Connection/SD Outcome #2)  
Status March 2007 (Mid Year of FY 2007)**

No	Province	Baseline (Year 2004)						Achievement of Year 2006 *)					Remarks	Achievement of Mid-Year of Program Year 2007						Remarks	
		PDAM Connction				CB Water Supply	Non PDAM Connection	PDAM Connction				CB Water Supply (Number of People benefiting)		Non PDAM Connection (Number of People Benefiting)	PDAM Connction				CB Water Supply (Number of People benefiting)		Non PDAM Connection (Number of People Benefiting)
		Domestic	Social & Public Tap	Comercial & Industry	Total			Domestic	Social & Public Tap	Comercial & Industry	Total				Domestic	Social & Public Tap	Comercial & Industry	Total			
<b>A NAD</b>																					
1	PDAM Banda Aceh	9,650	232	131	10,013	0	0	13,350	328	165	13,843	-	510	Non PDAM Connection: come from water supply from public facility (Pukesmas)	11,259	518	3,123	14,900	0	800	Non PDAM Connection: come from water supply from public facility (Pukesmas). CB Water Supply in Aceh Besar was established in Suka Damai and Blang Lambaro (Lembah Seulawah) and Lamkruec-MonBungo(Lhokng)
2	PDAM Aceh Besar	3,828	117	416	4,361			6,902	80	502	7,484				6,081	82	615	6,778	1,600	700	
3	PDAM Aceh Barat	1,343	-	-	1,343			2,914	-	-	2,914				3,015	-	-	3,015	0	150	
<b>B North Sumatra</b>																					
4	PDAM Tirtanadi - Medan	299,720	8,612	27,007	335,339	0	0	315,496	8,969	28,709	353,174	615	-	In Medan Sunggal (44 HH) and Medan Maimun (79 HH); through Small Grant Program and supported by PDAM Tirtanadi	321,056	5,191	33,639	359,886	0	0	
5	PDAM Karo District	12,421	350	1,366	14,137			13,089	357	1,342	14,788				13,150	357	1,342	14,849			
6	PDAM Langkat District	13,257	399	1,264	14,920			13,145	399	1,241	14,785				13,159	399	1,241	14,799			
7	PDAM Sibolga Municipality	ESP has not worked yet in this period						10,386	205	585	11,176				10,482	205	592	11,279			
<b>C West Sumatra</b>																					
8	PDAM Padang Municipality	49,428	643	2,208	52,279	0	0	52,823	625	2,374	55,822	-	-		Data is not applicable because ESP no longer work in West Sumatra						
9	PDAM Solok District	6,358	344	-	6,702			6,565	336	25	6,926										
10	PDAM Bukit Tinggi Municipality	7,202	240	2,076	9,518			7,116	1,054	1,248	9,418										
<b>D West Java</b>																					
11	PDAM Bandung Municipality	125,914	2,316	14,872	143,102	0	0	119,647	2,052	18,042	139,741	-	-		119,697	2,102	18,092	139,891	2250	0	Community-based water supply was established in 3 Villages (Sukatani, Sukanagalih and Padeluyu) of Cipanas Sub-District of Cianjur
12	PDAM Bandung District	ESP has not worked yet in this period						46,172	496	1,910	48,578				46,861	502	1,907	49,270			
13	PDAM Bogor District	87,975	1,094	1,940	91,009			97,694	1,249	2,682	101,625				97,744	1,259	2,682	101,685			
14	PDAM Sukabumi Municipality	20,507	695	800	22,002			20,723	480	788	21,991				20,553	491	839	21,883			
15	PDAM Sukabumi District	12,064	405	266	12,735			12,370	785	362	13,517				13,965	431	401	14,797			
16	PDAM Purwakarta District	16,006	402	451	16,859			16,401	482	476	17,359				16,560	436	619	17,615			
17	PDAM Subang District	20,019	633	190	20,842			22,525	451	5	22,981				22,575	451	5	23,031			
18	PDAM Cianjur District	ESP has not worked yet in this period						20,178	366	5,735	26,279				20,939	422	5,281	26,642			
19	Bogor Municipality	ESP has not worked yet in this period						66,266	1,056	3,805	71,127				67,890	1,114	3,920	72,924			
<b>E Central Java/Yogyakarta</b>																					
20	PDAM Yogyakarta Municipality	Not Applicable, These PDAM were not started yet work with ESP						32,306	709	1,483	34,498	-	-		32,405	707	1,468	34,580	0	0	
21	PDAM Surakarta Municipality	Not Applicable, These PDAM were not started yet work with ESP						46,542	959	5,332	52,833				46,874	968	5,272	53,114			
22	PDAM Magelang District	Not Applicable, These PDAM were not started yet work with ESP						33,503	1,275	739	35,517				33,810	1,273	761	35,844			
<b>F East Java</b>																					
23	PDAM Malang Municipality	76,174	1,508	44	77,726	0	0	78,942	1,653	40	80,635	-	-		79,271	1,933	40	81,244	0	0	
24	PDAM Malang District	56,793	1,487	730	59,010			60,069	1,554	1,220	62,843				60,295	1,537	1,238	63,070			
25	PDAM Sidoarjo District	53,726	326	3,292	57,344			64,392	384	3,655	68,431				65,403	496	3,862	69,761			
26	PDAM Gresik District	42,361	749	928	44,038			49,157	812	1,266	51,235				51,243	946	1,385	53,574			
27	PDAM Surabaya Municipality	ESP has not worked yet in this period						312,297	5,972	26,907	345,176				315,606	6,074	27,364	349,044			
<b>G Special Imperative Area</b>																					
28	PDAM Manado Municipality	22,740	369	1,660	24,769	0	0	26,720	479	369	27,568	-	-					0	0		
GRAND TOTAL of Household access to Clean Water (Baseline)		937,486	20,921	59,641	1,018,048			1,461,321	30,674	105,750	1,597,745										
GRAND TOTAL of People access to Clean Water (Baseline)		4,687,430	418,420	-	5,105,850	0	0	7,306,605	613,480	-	7,921,210	615	510								
GRAND TOTAL of Household access to Clean Water (Achievement)								1,000,040	22,529	64,511	1,087,080			1,489,893	27,894	115,688	1,633,475	6100	1650		
GRAND TOTAL of People access to Clean Water (Achievement)								5,000,200	450,580	-	5,451,905			7,449,465	557,880	-	8,015,095				
% Increase of People Access to Clean Water **)								6.778						1.19							

Note:

\*) The Baseline data for Year 2006 includes all additional PDAMs and deducted by the PDAM that no longer work with ESP

\*\*) The achievement in Year 2006 includes all PDAM states in baseline 2005. To date achievement (up to mid-year of 2007) includes new PDAM join in Yaer 2006 and not included the PDAM that no longer work with ESP

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**Table D-13 Summary of Achievement of Return Community in Aceh Have Access to Improved Water Source and Sanitation Facilities (SD Outcome #3)  
Status up to March 2007 (Mid-Year of Program Year 2007)**

Quarter	Program Location			Total Number of		Have Access to:			Remark	
	District	Sub-district/Village	Name of Housing Complex (after resettlement)	Household	Population	Improved Water Source Facility	Sanitation Facility	Solid Waste Facility (Collection and Disposal)		
First Quarter (Oct - Dec 06)	Aceh Besar	1	Lembah Selawah / Suka Damai	N/A			-	-	conduct activities on community-based water supply that have been started in November 2006. prepare water tariff, regulation, & DAS forum (joint with WSM activity)	
		2	Lhoknga / Lamkruet	Mon Bungo	226	1100	v		-	conduct renovation for communal septic system, and increase access water supply to public toilet
		3	Lhoknga / Lampuuk-1	Menasah Lambaro	36	120	v	v		organizing the user's groups & Field School activities
		4	Lhoknga / Lampuuk-2	Menasah Cut	230	700	v	-	-	
		5	Lhoknga / Lampuuk-3	Menasah Blang	110	330	v	-	-	
		6	Lhoknga / Lampuuk-4	Menasah Mesjid	120	350	v	-	-	
		7	Lhoknga / Lampuuk-5	Menasah Balee	120	360	v	-	-	
		8	Lhoong / Baroh Krueng Kala	N/A	250	750	v	-	-	conduct Field School program on solid waste and water issue and prepare for water organization
		9	Lhoong / Glee Bruuk	N/A	110	383	v	v		
<b>Sub total of return communities have access to improved water source and sanitation facilities during first quarter</b>								<b>9</b>		
Second Quarter (Jan - Mar 07)	Aceh Barat	10	Johan Pahlawan / Desa Pasir	Caritas	60	200	-	v	v	ESP Support design, Water ( & waste) Quality Monitoring and community development program
		11	Johan Pahlawan / Suak Indrapuri	Caritas	140	400	-	v	v	ESP Support design, Water ( & waste) Quality Monitoring and community development program
	Aceh jaya	12	Kuala Mersii	ARC Housing	120	360	v	v	v	ESP Support Technical design & TOT for community development program to ARC (American Red Cross)
		13	Setya Bakti / Rigah	Lhok Timon	70	200	-	v	v	ESP provide design individual sanitation system, Quality effluent monitoring & Community development program, Medair has implemented this design for 20 HH
<b>Sub total of return communities have access to improved water source and sanitation facilities during second quarter</b>								<b>4</b>		
<b>Total Number of Return Community in Aceh Develop and Implement Improved Water Quality, Sanotation and Solid Waste Management up to this Quarter</b>								<b>13</b>		
<b>Total Number of Return Community in Aceh Develop and Implement Improved Water Quality, Sanotation and Solid Waste Management up to End of Year 2006</b>								<b>14</b>		
<b>To Date Achievement of the Total Number of Return Community in Aceh Develop and Implement Improved Water Quality, Sanotation and Solid Waste Management</b>								<b>27</b>		

**Table D-14 Summary of Details Scoring of Development of Sewage Treatment Proposal (SD Outcome #4)  
Status March 2007 (Mid-Year of FY 2007)**

No	Information	Province								
		NAD	North Sumatra	West Sumatra	DKI	West Java	Central Java/DIY	East Java		
			1	2		3	4	5	6	
1	Location		Medan Municipality	Padang Municipality		Bandung Municipality	Yogyakarta Municipality	Surabaya Municipality	Malang Municipality	
4	Steps of Development of Sewage Treatment Proposal:	N/A			N/A					
	1 Identification of Potential Location		0/1/2	2		2	2	1	2	2
	2 Feasibility/Preliminary Study		0/1/2	1		1	1	0	1	1
	3 Development of MoU with stakeholder on the program planning		0/1/2	1		0	1	0	1	1
	4 Development of Sewage Plant Proposal (Program Plans and Design)		0/1/2	0		0	0	0	0	0
	5 Agreement on the Sewage Treatment Proposal		0/1/2	0		0	0	0	0	0
	6 Submission of the Sewage Treatment Proposal		0/1/2	0		0	0	0	0	0

**Note for Score:**

- 0 = Have not Started Yet
- 1 = On Going
- 2 = Completed

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Table D-15 Summary of Development of Community-based Solid Waste Management System/SWMS (SD Outcome #5)  
Status of March 2007 (Mid-Year of FY 2007)

Province	District/Municipality	No	Location	Number of Household participated in the system developed	Number of people participated in the system developed	Information					Remarks	
						Steps of Development of Community-based Solid Waste Management (SWMS)						
						Location identified & agreed upon w/ Loc. Stakeholders (Govt, local communities)	Solid waste mgt system plan developed & agreed upon by stakeholder	Community roles and responsibilities defined	Tariff and fee collection system in place	Solid waste collection system implemented		Solid waste disposal system (where possible inc recycling) implemented
Score: (0) Have not started yet; (1) on-going; (2) completed												
Nanggroe Aceh Darussalam (NAD)	Aceh Besar	1	Lhoknga, Lamkruet	80	400	1	1	1	1	1		
		2	Lhoknga, Nusa	50	250	1	1	0	0	0		
	Banda Aceh	3	Lhoknga, Kuta Alam, Penayong	40	200	2	0	0	0	0		
North Sumatra	Medan Municipality	4	Medan Sunggal, Lembah Berkah	100	500	2	2	1	0	0		
		5	Medan Maimun, Sei Tuan, Gang Sampurna	20	100	2	2	1	0	0		
	Deli Serdang	6	Percut Sei Tuan, Tembung, Lingk XI	200	1000	2	2	2	1	1	1	
		7	Percut Sei Tuan, Tembung, Lingk X	50	250	2	1	0	0	0		
		8	Percut Sei Tuan, Tembung, Lingk IX	50	250	2	1	0	0	0		
	Karo	9	Percut Sei Tuan, Tembung, Lingk VIII	50	250	2	1	0	0	0		
		10	Berastagi, Doulu	100	500	2	1	0	0	0		
			11	Simpang Empat, Semangat Gunung	50	250	2	1	0	0	0	
West Java	Bandung Municipality	12	Tamansari, Tamansari	200	1000	2	2	2	1	1		
	Cianjur	13	Cipanas, Mangunkerta	100	500	2	2	1	2	1		
		14	Cianjur, Nagrak	200	1000	2	2	2	1	1		
		15	Cianjur, Sukamaju	100	500	2	2	2	2	0	0	
	Subang	16	Cijambe, Cijambe	100	500	2	1	0	0	0	0	
		17	Pagedan, Gunung Sari	25	125	2	1	0	0	0	0	
	Central Java/Yogyakarta	Yogyakarta Municipality	18	Gondolayu, Jetis	120	600	2	2	2	1	1	1
19			Ngampilan, Ngampilan	32	160	2	2	1	1	1	1	
Sleman		20	Gamping, Nogotirto	27	135	2	1	1	1	1	1	
Magelang		21	Salaman, Kebunrejo	25	125	2	2	1	1	1	1	
		22	Salaman, Salaman	50	250	2	2	1	1	1	1	
East Java		Malang	23	Kepanjen, Jatirejoso	N/A	N/A	1	0	0	0	0	0
			24	Kepanjen, Kepanjen	50	250	1	0	1	0	0	0
	25		Kepanjen, Curung Rejo	N/A	N/A	2	1	1	1	1	1	
	Malang Municipality	26	Kedung Kandang, Arjowinangun	N/A	N/A	1	0	0	0	0	0	
	Batu Municipality	27	Temas, Temas	N/A	N/A	2	0	0	0	0	0	
	Lamongan	28	Paciran, Paciran	60	300	2	1	1	1	1	1	
	Surabaya Municipality	29	Genteng, Kapasari	20	100	2	2	1	1	1	1	
30		Genteng, Ketabang	50	250	2	2	2	2	2	2		
31		Tambaksari, Gading	140	700	2	2	2	2	2	2		
32		Wonokromo, Wonokromo	270	1350	2	2	2	2	2	2		
Total SWMS developed (up to March 07)		32										
Estimation of Number of People Benefiting from SWMS					11795							

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Table D-16 Summary of Development of Small Scale Sanitation System/SSSS (SD Outcome #6)  
Status of March 2007 (Mid-Year of FY 2007)

Province	District/Municipality	No	Location	Number of Household participated in the system developed	Number of people participated in the system developed	Information					Remarks	
						Steps of Development of Community-based Sanitation System (SSSS)						
						Location identified & agreed upon with Local Stakeholders (Govt, local com)	Plans and designs developed and agreed upon by stakeholders	Community roles and responsibilities defined through workshops and formal meeting	Operation, maintenance and monitoring system established	Community sanitation system constructed		Quality of effluent in accordance to relevant standard
<b>Score: (0) Have not started yet; (1) on-going; (2) completed</b>												
Nanggroe Aceh Darussalam (NAD)	Aceh Besar	1	Lhoknga, Lamkruet, Mon Bungon	18	90	1	1	1	1	1		
		2	Lhoknga, Lamkruet, Atlas Logistik Housing	18	90	1	1	0	0	0		
	Aceh Jaya	3	Setia Bakti, Rigah, Lhok Timon	20	100	2	0	0	0	0		
	Aceh Barat	4	Johan Pahlawan, Desa Pasir, Caritas Housing	60	300	2	2	1	0	0		
		5	Johan Pahlawan, Suak Indrapuri, Caritas Housing	140	700	2	2	1	0	0		
		6	Merebo, Penagan Rayek, Pesantren Darul Hikmah	0	0	2	2	2	1	1	1	
North Sumatra	Medan Municipality	7	Medan Belawan, Kel Bagan Deli	70	350	2	2	2	0	0		
		8	Medan Labuhan, Sei Mati (Rumah Susun Sewa/ Rusunawa)	95	475	2	1	0	0	0		
		9	Medan Maimun, Kel. Kampung Baru (Gg Lampu 1)	20	100	2	2	2	2	2	2	ESP Small Grant
	Deli Serdang	10	Lubuk Pakam, Pagar Merbau 2	80	400	2	1	0	0	0	0	
		11	Percut Sei Tuan, Kel. Tembung (Dusun XI)	80	400	2	1	0	0	0	0	
DKI Jakarta	West Jakarta	12	Tambora, Jembatan Besi	38	190	2	1	0	0	0	0	
	North Jakarta	13	Penjaringan, Penjaringan (RW 12)	38	190	2	1	0	0	0	0	
	Central Jakarta	14	Gambir, Petojo Utara (RW 8)	75	375	2	2	1	1	0	0	
West Java	Bandung	15	Bale Endah, Rancamanyar	63	315	2	2	2	2	2	2	Completed
		16	Marga Asih, Nanjung (Kp. Dara Ulin)	73	365	2	2	2	2	2	2	
		17	Cihampelas, Hegarmanah	100	500	2	1	0	0	0	0	
	Subang	18	Cijambe, Gunung Tua	50	250	1	0	0	0	0	0	
Central Java/Yogyakarta	Magelang	19	Sangen Village, Kajoran Sub-district, Magelang District	10	50	2	2	2	1	2	0	
East Java	Malang	20	Kepanjen, Curung Rejo	102	510	2	2	2	1	1	1	
		21	Pakis, Wendit	0	0	1	0	0	0	0	0	
	Batu Municipality	22	Temas, Temas	50	250	2	1	0	0	0	0	
	Surabaya Municipality	23	Wonokromo, Wonokromo	100	500	1	0	0	0	0	0	
<b>Total SSSS developed (up to March 07)</b>		<b>23</b>										
<b>Estimation of Number of People Benefiting from SSSS</b>					<b>6500</b>							

Table D-17 Summary of Improvement of Behavior Change Intervention (SD Outcome #7)  
Status of March 2007 (Mid-Year of FY 2007)

Province	No	District	Total Respondent	Percentage of Diarrhea Incident in the last two weeks	Percentage of Using Soap for Washing hand in the Five critical Times					Percentage on Frequency of Using Soap for Washing hand in the Five critical Times										Percentage of Respondent Practicing Proper Hand Washing	
					1	2	3	4	5	1		2		3		4		5		Proper	Un-Proper
										A	R	A	R	A	R	A	R	A	R		
N. Sumatra	1	Medan Municipality	126	25	65	65	59	67	53	62	6	66	1	52	9	73	2	41	11	76	24
	2	Deli Serdang	18	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100
	3	Karo District	40	20	25	23	13	25	15	22.5	3	18	5	10	3	18	8	13	3	63	37
DKI Jakarta	4	West Jakarta	50	18	60	46	40	48	26	52	8	44	2	20	18	46	0	16	10	14	86
	5	Central Jakarta	50	8	90	90	78	92	66	82	8	88	2	72	6	90	2	46	20	72	28
W. Java	6	Bandung Municipality	44	16	80	80	66	82	68	69	2	82	2	64	2	76	0	38	27	84	16
	7	Bandung District	68	21	59	54	34	57	19	75	13	68	4	37	3	71	10.2	21	16	77	23
	8	Subang District	62	11	85	77	71	85	69	89	8	82	6	73	8	83	8	69	8	90	10
	9	Cianjur District	45	4	96	96	80	88	38	82	13	73	22	58	16	71	20	29	31	98	2
C. Java/DIY	10	Magelang District	150	6	57	62	48	65	48	37	24	38	22	30	17	51	23	26	16	58	42
E. Java	11	Surabaya Municipality	90	28	50	21	20	28	9	50	6	38	1	34	0	26	4	10	4	21	79
	12	Malang Municipality	120	22	53	53	36	49	37	40	43	30	10	30	8	46	6	30	8	52	48
	14	Batu Municipality	30	7	3	17	7	20	0	3	0	17	0	7	0	17	3	0	0	7	93
	15	Lamongan district	20	40	70	85	75	85	70	60	35	100	0	55	30	95	0	50	35	85	15
<b>Total</b>			<b>913</b>																		
<b>Average</b>				<b>18</b>	<b>57</b>	<b>55</b>	<b>45</b>	<b>57</b>	<b>37</b>	<b>52</b>	<b>12</b>	<b>53</b>	<b>6</b>	<b>39</b>	<b>9</b>	<b>55</b>	<b>6</b>	<b>28</b>	<b>14</b>	<b>57</b>	<b>43</b>

Note

- 1 Before Eating
- 2 After Disposing
- 3 Before Holding Baby
- 4 After Cleaning The Bottom's Child
- 5 Before Preparing Food

A = Always  
R = Rarely

**Table D-18 Summary of Achievement of Leveraging Other Funding to Support ESP Program in Aceh (FN Outcome #6)  
Status: March 2007 (Mid-Year of FY 2007)**

Quarter	# of PPP	Program Name	Partner Organization	Type of Organization	Location	Amount Leveraged (\$)	Remarks
First Quarter (Oct 06 - Dec 06)	1	Tree Planting of Coastal Rehabilitation	BRR	Public Sector	Leupung Sub-District, Aceh Besar	40000	ESP provided technical assistant and capacity building activities
	2	Tree planting of coastal rehabilitation	DKP	Public Sector	Sawang, Aceh Jaya	8500	Cost sharing with DPD/Provincial
	<b>Sub Total of Amount Leveraged during First Quarter</b>					<b>48,500.00</b>	
	<b>Sub Total of Total PPP during the First Quarter</b>					<b>2</b>	
Second Quarter (Jan 06 - Mar 07)	3	Training in Spatial Planning for Local Government in Aceh Besar	GTZ, FFI, AIPR-Logica, WWF	Private Sector	Jantho, Aceh Besar	18,000	Cost sharing with partner organizations
	4	Training in Water Quality Testing using Del Aqua Kit	UNICEF, IRC, Oxfam, Dinkes	Private and Public Sectors	Meulaboh	9,000	Partner organizations paid for workshop and purchased 4 Del Aqua kits for 3 Puskesmas and 1 for Dinkes. ESP organized workshop.
	5	Supporting community of Jruek Balee in development of compost program	Dinas Pertanian and Dinas Peteranakan, Aceh Besar	Public Sector	Jruek Balee	3,000	Purchase of equipment for composting project at Jruek Balee by agriculture and animal husbandry departments of Aceh Besar. ESP helping with construction of composting site.
	<b>Sub Total of Amount Leveraged during Second Quarter</b>					<b>30,000.00</b>	
<b>Sub Total of Total PPP during the Second Quarter</b>					<b>3</b>		
<b>Total Amount leveraged up to MidYear of Program Year 2007</b>						<b>78,500</b>	
<b>Total PPP up to Mid Year of Program Year 2007</b>						<b>5</b>	
<b>Total Amount leveraged by the end of Program Year 2006</b>						<b>12,296,000</b>	
<b>Total PPP up to Mid Year of Program Year 2007</b>						<b>8</b>	
<b>To date achievement of the Amount leveraged</b>						<b>12,374,500</b>	
<b>To date PPP</b>						<b>13</b>	

**Table D-19 Summary of Development of Micro Credit Scheme to Support People Get Access to Clean Water (FN Subtask 3-1)  
Status of March 2007 (Mid-Year of FY 2007)**

Province	No	Name of PDAM	PDAM's Partners	Steps of Development of Micro Credit Development							Date of Signing of the Master Agreement	Number of Household Connection established	
				Contact local bank to assess their interest in providing micro-credit financing facilities	Road show to introduce micro credit program to water utility	Obtain written confirmation from Water Utility of interest in program and decision to proceed	Arrangement, negotiation and documentation of agreement with local bank branch	Preparation of draft agreement for PDAM with local bank	Master Agreement signing between PDAM and Local Bank	Internal training for the staff of PDAM and Local Bank			Communications strategy to promote micro-credit to potential customers prepared and implementation underway
				Score: (0) Have not started yet; (1) on-going; (2) completed									
N. Sumatra	1	Medan Municipality	N/A	2	2	2	1	0	0	0	0	0	
	2	Langkat District	N/A	2	2	2	0	0	0	0	0	0	
	3	Karo District	N/A	2	2	2	0	0	0	0	0	0	
W. Java	4	Bandung District	BRI Cabang Cimahi	2	2	2	2	2	2	2	2	1-Sep-06	0
	5	Subang District	BRI Cabang Subang	2	2	2	2	2	2	2	2	20-Dec-06	0
	6	Subang District	BRI Cabang Pamanukan	2	2	2	2	2	2	2	2	11-Jan-07	0
	7	Sukabumi Municipality	BRI Cabang Sukabumi	2	2	2	2	2	2	2	2	8-Nov-06	0
	8	Bogor District	N/A	1	2	2	0	0	0	0	0		0
	9	Cianjur District	N/A	2	2	2	1	0	0	0	0		0
C. Java/DIY	10	Surakarta Municipality	BRI Cabang Solo Slamet Riyadi	2	2	2	2	2	2	2	2	1-Feb-07	0
	11	Magelang District	N/A	2	1	1	1	0	0	0	0		0
E. Java	12	Surabaya Municipality	BRI Cabang Surabaya Pahlawan	2	2	2	2	2	2	2	2	27-Nov-06	58
	13	Surabaya Municipality	Bank Jatim	2	2	2	2	2	2	2	2	27-Nov-06	5
	14	Sidoarjo District	BRI Cabang Sidoarjo	2	2	2	2	2	2	2	2	16-Oct-06	55
	15	Malang Municipality	BRI Cabang Kawi Malang	2	2	2	2	2	2	2	2	12-Sep-06	30
	16	Malang Municipality	BRI Cabang Malang Martadinata	2	2	2	2	2	2	2	2	21-Dec-06	0
	17	Malang District	BRI Cabang Malang Martadinata	2	2	2	2	2	2	2	2	6-Feb-06	0
<b>Total household get access to clean water up to this Quarter</b>											<b>148</b>		
<b>Total people get access to clean water</b>											<b>740</b>		



## **ENVIRONMENTAL SERVICES PROGRAM**

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