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# QUARTERLY REPORT NO. 7

OCTOBER – DECEMBER 2006



**DECEMBER 2006**

This publication was produced by Development Alternatives, Inc. for the United States Agency for International Development under Contract No. 497-M-00-05-00005-00

**Photo credit:** Yasser Premana, ESP Banda Aceh/NAD.

**Caption:**

Ngoh Kali, the pioneer of coastal rehabilitation in Babah Ngom, Aceh Jaya District, Nanggroe Aceh Darussalam.

For more about this, please read the cover story on page I.

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<b>Title:</b>	<b>Quarterly Report No. 7, October-December 2006.</b>
<b>Program, activity, or project number:</b>	<b>Environmental Services Program, DAI Project Number: 5300201.</b>
<b>Strategic objective number:</b>	<b>SO No. 2, Higher Quality Basic Human Services Utilized (BHS).</b>
<b>Sponsoring USAID office and contract number:</b>	<b>USAID/Indonesia, Contract number: 497-M-00-05-00005-00.</b>
<b>Contractor name:</b>	<b>DAI.</b>
<b>Date of publication:</b>	<b>December 2006.</b>

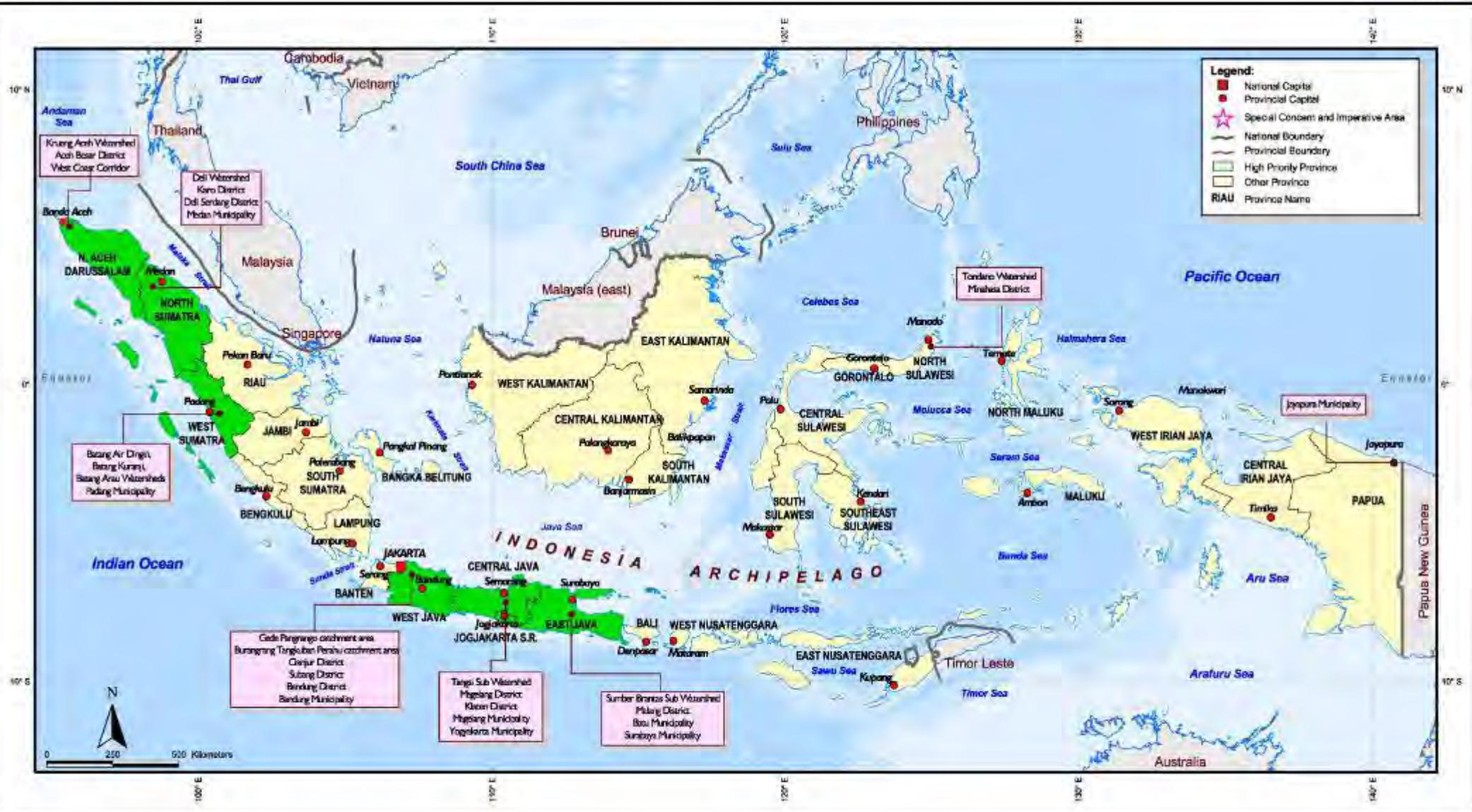


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# ESP Program Site Location Map





# COVER STORY

## COASTAL REHABILITATION AND COMMUNITY RECOVERY IN ACEH

“The tsunami devastated the area, but Babah Ngom is now recovering. New houses are in their final stages of construction and vegetation is coming to life. Our village is not as barren as before. The trees that we planted with USAID/ESP along the coast are growing now,” Ngoh Kali informed us.

Babah Ngom is a coastal hamlet in Sawang Village, Setia Bakti sub-district in Aceh Jaya District. The tsunami wave left little behind. Few survived, including only one woman.

Ngoh Kali (40) is a pioneer for change in Babah Ngom. A successful businessman before the disaster occurred in 2004, he owned a house, car, rice mill, buffalo and other livestock. The tsunami took everything away, including his beloved wife and children. Ngoh Kali was beside himself at first and did not have the willpower to live. The feeling did not last long as he looked at what had become of Babah Ngom and realized he had to get back up on his feet to salvage what he could out of the remnants of his community.

When ESP conducted a livelihood assessment in Sawang in early 2006, Ngoh Kali asked ESP to support land rehabilitation in his village. “We are no longer protected from the strong sea winds and displaced sand during the West Monsoon season. Please help us plant trees to protect our village.”

From March until August, the West Monsoon produces unfavorable climate conditions along the western coast of Nanggroe Aceh Darussalam. The sea swells become large enough to convince seasoned fishermen to remain on land and powerful sea winds sweep extreme volumes of sand into houses along the coastline. The monsoon brings storm clouds, moreover, that pour heavy rain on unprotected soil.

Rehabilitation of coastal lines damaged by the tsunami is one of ESP’s main tasks in Nanggroe Aceh Darussalam. After some consultation, Ngoh Kali and others from his community chose to plant pine and *ketapang* (also known as sea almond) trees because both had grown on the beach of Babah Ngom since ancient times and are known as natural windbreak trees.

While they protect the coastal population from extreme weather, the pine and ketapang trees will also help restore the beach’s natural beauty. “I imagine that in 3-5 years, Babah Ngom will have a beautiful beach. After the tsunami, I wasn’t sure it could be green again, but it’s changing now. Babah Ngom beach will become the most beautiful beach in all of Aceh Jaya and the district’s best tourist destination” Ngoh Kali said about the rebirth of his coastal village.

Thanks to the hard work of the people of Babah Ngom and the support of USAID through ESP, his dream is coming true.



## 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. 7 of the Environmental Services Program, for the period October 1 through December 31, 2006. 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 October 1 through December 31, 2006, and contains the following sections:

Section I.1	ESP Overview
Section I.2	Summary of Quarterly Achievements

## BAGIAN I

# PENGANTAR DAN RINGKASAN

## PENGANTAR

*Environmental Services Program (ESP, Program Jasa Lingkungan) USAID mendorong tercapainya kesehatan yang lebih baik melalui perbaikan pengelolaan sumber daya air dan perluasan akses untuk memperoleh layanan sanitasi dan air bersih.*

*Laporan Kemajuan Triwulan untuk ESP ini disampaikan oleh Development Alternatives, Inc. kepada United States Agency for International Development berdasarkan Pasal II, Bab G, Laporan-Laporan (sesuai revisi) dari Kontrak No. 497-M-00-05-00005-00, tertanggal 11 Januari 2005. Dokumen ini merupakan Laporan Kemajuan Triwulan No. 7 dari Program Layanan Lingkungan, untuk periode 1 Oktober sampai 31 Desember 2006. Laporan ini memberikan informasi pelaksanaan program di berbagai daerah kerja ESP. Salinan laporan ini juga disampaikan kepada anggota komite pengarah dari Pemerintah Indonesia, program USAID lain yang terkait, dan juga bagi subkontraktor dan mitra Program ESP, sesuai daftar distribusi yang dilampirkan pada surat pengiriman.*

*Bagian I dari laporan ini berisi ringkasan eksekutif mengenai program dan keberhasilan pencapaiannya dari 1 Oktober sampai 31 Desember 2006, dan berisi bagian-bagian berikut ini:*

<i>Bagian I.1</i>	<i>Sekilas ESP</i>
<i>Bagian I.2</i>	<i>Ringkasan Keberhasilan Pencapaian Triwulan Ini</i>

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).

*Bagian 2 menjelaskan kegiatan program terpadu di masing-masing wilayah secara lebih terperinci. Dua bagian selanjutnya memberikan informasi terbaru mengenai inisiatif-inisiatif nasional dan manajemen program (Bagian 3), dan pemantauan serta evaluasi program (Bagian 4).*

## SECTION I.I.

## ESP OVERVIEW

## THE ENVIRONMENTAL SERVICES PROGRAM

ESP works with 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;
- 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)**.

## BAGIAN I.I.

## SEKILAS ESP

## ENVIRONMENTAL SERVICES PROGRAM (PROGRAM JASA LINGKUNGAN)

ESP bekerja sama dengan pemerintah, sektor swasta, LSM, kelompok masyarakat dan para pemangku kepentingan lainnya untuk meningkatkan pengelolaan sumber daya air dan memperluas distribusi air yang aman untuk penduduk perkotaan melalui perbaikan pengelolaan daerah aliran air sungai dan penyediaan jasa lingkungan, termasuk pasokan air bersih, penampungan serta pengolahan air limbah dan pengelolaan limbah padat di Indonesia. Periode pelaksanaan proyek ini adalah sejak Desember 2004 sampai September 2009 yang juga meliputi masa transisi awal dari program sebelumnya.

ESP adalah proyek lima tahun yang dikembangkan USAID/Indonesia untuk meningkatkan pengelolaan sumber daya air yang berkelanjutan dan memperbaiki akses terhadap air bersih. Kegiatan-kegiatan ESP difokuskan pada Provinsi-Provinsi Utama yakni Nanggroe Aceh Darussalam, Sumatra Utara, Jawa Timur, Jawa Tengah/Yogyakarta, Jawa Barat/Banten dan DKI Jakarta. ESP juga mendukung beberapa kegiatan terbatas di Wilayah-Wilayah Perhatian Khusus yakni Padang, Balikpapan, Manado, Manokwari dan Jayapura. ESP menjalankan kegiatan dalam tiga bidang utama berikut ini:

- Meningkatkan kesehatan dengan memperluas jangkauan layanan sanitasi dan air bersih;
- Meningkatkan pengelolaan daerah aliran sungai dan perlindungan sumber daya air.
- Meningkatkan produksi dan distribusi air bersih.

Program ESP menyediakan bantuan teknis dan pelayanan yang terkait guna memenuhi **Tujuan Strategis No. 2 USAID yakni Layanan Kebutuhan Dasar Manusia dengan Kualitas yang Lebih Tinggi (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.

*BHS memusatkan perhatian pada interaksi saling bergantung antara lingkungan dan kesehatan serta dampaknya terhadap tingkat kesehatan masyarakat. Untuk mencapai hal ini, USAID akan meningkatkan akses dan pemanfaatan dari layanan-layanan pokok dalam bidang lingkungan dan kesehatan, khususnya bagi masyarakat yang kurang terlayani atau sama sekali belum merasakan layanan tersebut.*

## TUJUAN PROGRAM ESP

*Merujuk pada Bagian C dalam kontrak, ESP membina kerja sama dengan Pemerintah Indonesia, sektor swasta, LSM, kelompok masyarakat dan para pemangku kepentingan lainnya untuk memperbaiki pengelolaan daerah aliran sungai dan layanan pokok lingkungan melalui empat tujuan yang saling berhubungan:*

1. *Memperkuat kapasitas masyarakat, pemerintah, sektor swasta, institusi lokal, dan LSM dalam mendukung perluasan layanan pokok lingkungan melalui peningkatan pengelolaan sumber daya air dan kawasan yang dilindungi;*
2. *Memperluas kesempatan bagi masyarakat, LSM, sektor swasta dan universitas untuk berpartisipasi secara lebih efektif dalam pengelolaan lokal untuk sumber daya air dan pemenuhan layanan pokok lingkungan;*
3. *Memperkokoh pelestarian keanekaragaman hayati melalui peningkatan pemahaman dan penghargaan terhadap keterkaitan antara kawasan lindung dan kawasan hutan serta pemenuhan layanan pokok lingkungan; dan*
4. *Meningkatkan kesehatan dan mata pencaharian penduduk Indonesia melalui perbaikan serta perluasan akses terhadap layanan pokok lingkungan (yakni air, penampungan dan pengolahan air limbah, serta pengolahan limbah padat) dengan memanfaatkan teknologi yang tepat, pendanaan yang inovatif, praktek-praktek terbaik yang berkelanjutan secara lingkungan dan kegiatan berorientasi pasar yang berkelanjutan.*

*ESP mengambil pendekatan berbasis masyarakat, bertindak sebagai katalis untuk meningkatkan perubahan perilaku kesehatan dan kebersihan, mendorong pengelolaan lahan yang lebih baik, dan 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 Bangkok, Thailand, and serving Indonesia among many other Asian countries.

*memperbaiki penyediaan layanan dasar untuk air dan sanitasi.*

*Yang menjadi pokok bagi program-program di atas adalah pendekatan terkoordinasi, kolaboratif dan terpadu dengan melibatkan semua program dari Basic Human Services Offices (Kantor Layanan Kebutuhan Dasar Manusia) USAID. Agar program-program BHS bisa lebih berhasil dan berdampak efektif, telah dilakukan banyak upaya untuk mencapai sinergi setinggi mungkin antara program-program ini. ESP memiliki komitmen untuk bekerja sama dengan erat dan paralel dengan program BHS lain yang terkait antara lain—namun tidak terbatas pada—program tersebut di bawah ini:*

- *The Health Services Program (HSP, Program Layanan Jasa Kesehatan) – Kesehatan Ibu, Bayi dan Anak;*
- *The Food Security and Nutrition Programs (Program Keamanan Pangan dan Gizi) – bantuan pangan;*
- *Safe Water Systems (SWS) Project (atau dikenal juga dengan nama Aman Tirta).*

*Program ESP juga bekerja sama erat dengan program-program relevan lainnya dari Sasaran-Sasaran Strategis USAID, seperti Local Governance Support Program (LGSP, Program Dukungan Tata Kelola Pemerintah Lokal), the Decentralized Basic Education Programs (DBE 1, 2 & 3, Program Pendidikan Dasar Terdesentralisasi), dan the Aceh Technical Assistance Recovery Program (A-TARP, Program Bantuan Teknis Pemulihan Aceh). Selain itu, ESP juga bekerja secara erat dengan program regional USAID, Eco Asia, yang berbasis di Bangkok, Thailand, dan melayani Indonesia selain juga banyak negara Asia lainnya.*

## 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 and Special Concern Imperative Areas during this reporting period. Notable activities for National Initiatives and Program Management are also presented.

### REGIONAL HIGHLIGHTS

**Nanggroe Aceh Darussalam.** In Nanggroe Aceh Darussalam, ESP activities demonstrated that the oft pronounced "hard work and patience pays off" is not just a cliché. Hard work during the previous year began to bring results for ESP and the communities that ESP is working with. Achievements included:

*Community-based land rehabilitation.* Six community nurseries begun in early 2006 became the focal points for rehabilitation activities in upland forests and along the west. Over 1500 hectares of trees were planted.

*Community water supply systems.* ESP led participatory planning and training begun in April in three communities resulted in their installing water supply systems during the quarter.

*ESP community empowerment.* Intensive capacity building activities in a limited set of villages created "ESP beacons" that have lit up some thirty villages.

## BAGIAN 1.2.

# RINGKASAN KEBERHASILAN PENCAPAIAN TRIWULAN INI

### PENGANTAR

*Bagian 1.2 memberikan ringkasan kegiatan dan keberhasilan pencapaian di masing-masing Provinsi Utama dan Wilayah Perhatian Khusus dalam periode pelaporan ini. Kegiatan-kegiatan yang menonjol pada Inisiatif Nasional dan Pengelolaan Program juga dipaparkan.*

### SOROTAN WILAYAH

**Nanggroe Aceh Darussalam.** Di Nanggroe Aceh Darussalam, kegiatan-kegiatan ESP menunjukkan bahwa ungkapan yang sering diucapkan yakni "kerja keras dan kesabaran akan membuahkan hasil" bukanlah sekedar kata-kata tak bermakna. Kerja keras selama tahun sebelumnya telah mulai memberi hasil bagi ESP dan masyarakat yang bekerja sama dengan ESP. Pencapaian-pencapaiannya antara lain:

*Rehabilitasi lahan berbasis masyarakat.* Enam pembibitan berbasis masyarakat yang dibentuk pada awal 2006 telah menjadi titik pusat untuk kegiatan aktivitas rehabilitasi di hutan dataran tinggi dan di sepanjang wilayah barat. Lebih dari 1500 hektar lahan telah ditanami dengan pohon.

*Sistem pasokan air masyarakat.* Perencanaan dan pelatihan bersifat partisipatoris yang dimotori oleh ESP telah dimulai pada bulan April di tiga kawasan yang memberikan hasil berupa dipasangnya sistem pasokan air di kawasan-kawasan tersebut pada triwulan itu.

*Pemberdayaan masyarakat oleh ESP.* Kegiatan-kegiatan membangun kapasitas secara intensif di sejumlah desa telah membentuk "Obor ESP" yang telah menerangi sekitar tiga puluh desa.

**North Sumatra.** The North Sumatra ESP programs for this quarter were hallmarked by synergies and linkages within and across integrated sites. The integrated site strategy allows for better program focus and the creation of a density of activities fostering linkages, whether this is between village Watershed Management Field Schools, across protected area boundary communities, or amongst urban *kampung* sharing waste management technology. Some specific activity highlights of the last quarter included:

*Small Grant Completions and Launchings:* 4 small grants wound up their activities at the end of the year, while 6 new programs became fully operational. These activities range from school water and hygiene to biodiversity protection to plastic waste recycling and are all fully integrated into ESP programs in their respective sites.

*PDAM technical design activities by ESP* were launched in Sibolga and Langkat. Over Rp. 4 billion in local and national counterpart funds have been leveraged for the construction of improved water treatment and distribution systems.

*New Field Assistants made their re-entry to the program* and have initiated 6 new Watershed Management Field Schools in their respective areas of assignment within key North Sumatra water catchment areas.

*Organic produce stall opened in Doulu-Semangat Gunung* by ESP supported 'Sibayak Valley Ecological Farmers Association' for marketing agro-forestry products. This group also collaborates with Aqua-Danone on composting and tree nursery development for forest rehabilitation. The Field Day held by this group in December was featured as an 11 minute BBC radio special broadcast.

**Jakarta.** In Jakarta, ESP activities focused on strengthening and deepening the on-going initiatives with USAID partner organizations and programs including Mercy Corps, CCFI, SWS and HSP, as well as with local governments and target communities.

**Sumatra Utara.** Program-program ESP Sumatra Utara dalam triwulan ini ditandai dengan sinergi dan keterkaitan di dalam dan antara lokasi-lokasi terpadu. Strategi situs terpadu memungkinkan fokus program yang lebih baik dan pembentukan sekumpulan aktivitas yang menumbuhkan kesalingterkaitan, baik antara Sekolah Lapangan Pengelolaan Daerah Aliran Sungai di desa, antara masyarakat-masyarakat perbatasan wilayah lindung, atau antara masyarakat kampung perkotaan yang berbagi teknologi pengelolaan sampah. Sejumlah sorotan aktivitas spesifik pada triwulan terakhir antara lain:

*Penyelesaian dan Peluncuran Hibah Kecil:* 4 proyek hibah kecil telah diselesaikan kegiatannya pada akhir tahun, sementara 6 program baru telah mulai berjalan sepenuhnya. Kegiatan-kegiatan ini berkisar mulai dari air dan kebersihan sekolah sampai perlindungan keanekaragaman hayati dan juga daur ulang sampah plastik dan sepenuhnya terintegrasi dengan program-program ESP di masing-masing lokasi.

Kegiatan perancangan teknis PDAM oleh ESP dimulai di Sibolga dan Langkat. Lebih dari Rp 4 milyar dana lokal dan pendamping nasional telah dimanfaatkan untuk konstruksi sistem pengolahan dan distribusi air yang lebih baik.

Asisten-Asisten Lapangan baru telah kembali dimasukkan ke dalam program dan telah memulai 6 Sekolah Lapangan Pengelolaan Daerah Aliran Sungai baru di wilayah penugasan masing-masing di dalam wilayah tangkapan air Sumatra Utara.

Bangsai hasil pertanian organik dibuka di Doulu-Semangat Gunung oleh 'Asosiasi Petani Ekologis Lembah Sibayak' yang didukung oleh ESP untuk memasarkan produk-produk wanatani (agroforestry). Kelompok ini juga bekerja sama dengan Aqua-Danone dalam melakukan pengomposan dan pengembangan pembibitan pohon untuk rehabilitasi hutan. Hari Lapangan yang dijalankan oleh kelompok ini pada bulan Desember telah disiarkan sebagai siaran khusus oleh radio BBC selama 12 menit.

**Jakarta.** Di Jakarta, kegiatan ESP difokuskan untuk memperkuat dan memperdalam inisiatif-inisiatif dengan organisasi-organisasi dan program-program mitra USAID antara lain

ESP supported a FORKAMI's three-month campaign on "Save Our Water 2006", involving three communities or around 120 people from Kelurahan Cawang, Balimester and Kebon Manggis, in East Jakarta and 45 students plus teachers from SMP Negeri 117 Jakarta. At least, 14 national media (printed and electronic) covered the event above.

*Community clean water access.* Through a collaborative Cinta Air Program with CCFI and SWS in Desa Kalijaya, Bekasi, ESP rehabilitated 22 shallow wells resulting in better access to improved water quality for 295 families or around 1,521 people.

*As part of health and hygiene promotion,* the Cinta Air Program conducted health and hygiene promotion through Healthy Walkathon and Community Talent Show (Pentas Seni) events. More than 440 people participated on a walk that included several hygiene messages and around 1,000 people gathered for Pentas Seni health and hygiene inspired entertainment.

*Community Composting.* ESP provided technical assistance and training on composting for 15 woman cadres in Mercy Corps working site, Krendang, West Jakarta.

HP3/IDRC funded program was officially launched and inaugurated by the Mayor of North Jakarta, Mr H.M. Effendi Anas on December 4<sup>th</sup>.

**West Java.** Throughout the Quarter, the West Java Team focused on consultation and implementation of Workplan activities with ESP partners including PDAMs, local government agencies at the provincial and district levels, NGOs, community groups and others. Specific achievements include:

*Progress on bond issuance.* PDAM Kabupaten Bogor provided PT. Danareksa with a mandate letter to arrange the financing of the planned capital expansion. Between October and December 2006, the bond issuance plan was introduced to the Supervisory Board and PDAM's key personnel.

Mercy Corps, CCFI, SWS dan HSP, dan juga dengan pemerintah lokal dan masyarakat sasaran.

Kampanye "Hemat Air Kita 2006" selama tiga bulan oleh FORKAMI yang didukung oleh ESP, meliputi tiga kawasan atau sekitar 120 orang dari kelurahan Cawang, Balimester dan Kebon Manggis di Jakarta Timur dan 45 murid dan guru dari SMP Negeri 117 Jakarta. Paling tidak, ada 14 media nasional (cetak dan elektronik) yang meliput kegiatan di atas.

Akses air bersih masyarakat. Melalui Program Cinta Air yang bekerja sama dengan CCFI dan SWS di Desa Kalijaya, Bekasi, ESP merehabilitasi 22 sumur dangkal sehingga memberikan akses yang lebih baik terhadap air yang berkualitas lebih tinggi bagi 295 keluarga atau sekitar 1.521 orang.

Sebagai bagian dari upaya memajukan kesehatan dan kebersihan, Program Cinta Air menjalankan peningkatan kesadaran kesehatan dan kebersihan melalui Jalan Sehat dan kegiatan Pentas Seni. Lebih dari 440 orang berpartisipasi dalam jalan sehat yang juga memasukkan beberapa pesan kebersihan dan sekitar 1.000 orang berkumpul pada Pentas Seni hiburan yang bernuansa kesehatan dan kebersihan.

Pengomposan oleh Masyarakat. ESP menyediakan bantuan teknis dan pelatihan pengomposan untuk 15 kader perempuan di situs kerja Mercy Corps di Krendang, Jakarta Barat.

Program yang didanai oleh HP3/IDRC ini secara resmi diluncurkan dan diresmikan oleh Walikota Jakarta Utara, Bapak H.M. Effendi Anas pada tanggal 4 Desember.

**Jawa Barat.** Sepanjang triwulan ini, Tim Jawa Barat berfokus pada konsultasi dan implementasi kegiatan-kegiatan dalam Rencana Kerja dengan para mitra ESP termasuk PDAM, badan-badan pemerintah setempat pada tingkat provinsi maupun kabupaten/kota, LSM-LSM, kelompok-kelompok masyarakat dan pihak-pihak lain. Pencapaian-pencapaian spesifik antara lain:

Kemajuan dalam penerbitan obligasi. PDAM Kabupaten Bogor telah menyerahkan surat mandat kepada PT. Danareksa untuk mengatur pembiayaan dari penambahan modal yang direncanakan. Antara

*Micro-credit MOUs.* PDAM Kota Sukabumi and PDAM Kab. Subang signed an MOU agreement with local branches of BRI. The staff of PDAM Kab. Bandung, PDAM Sukabumi and each relevant Bank BRI branch office underwent training to prepare for the micro-credit financing scheme.

*Community-based Land Rehabilitation.* ESP facilitated the planting of more than 80 hectares of land, on which 27,000 trees of more than 20 different species were planted with the involvement of about 400 communities from 12 villages in Cianjur.

In Subang, ESP partners planted 20,000 trees on 54.4 hectares of land with the support of PERTAMINA and the Subang Forestry District Office.

*WSM Capacity Building.* ESP provided training for 60 Ministry of Forestry facilitators at Gede Pangrango National Park to develop village conservation models for 20 other national parks in Indonesia.

*ESP Integrated Site Selection in Bandung.* ESP commenced site selection and partner identification activities for integrated WSM-SD activities in and around Bandung.

**Central Java/Yogyakarta.** This quarter ESP's activities in Central Java/Yogyakarta moved from community-based planning and into the initial action phase in 15 villages in the Tangsi subwatershed and two schools in Jogonalan, Klaten. Important achievements this quarter include:

*Community-based planning and initial action:* Through the field schools in 15 villages in the Tangsi subwatershed, communities have completed village profiles and community action plans. They have entered the initial action phase whereby they have begun implementing activities related to Conservation Village or Clean Green Village.

Oktober dan Desember 2006, rencana penerbitan obligasi ini telah diperkenalkan kepada Dewan Pengawas dan personil-personil penting PDAM.

*Nota Kesepahaman Kredit-Mikro.* PDAM Kota Sukabumi dan PDAM Kab. Subang telah menandatangani sebuah kesepakatan Nota Kesepahaman (MOU) dengan cabang BRI setempat. Staf PDAM Kab. Bandung, PDAM Sukabumi dan masing-masing kantor cabang Bank BRI yang terkait telah menjalani pelatihan untuk mempersiapkan skema pembiayaan kredit mikro.

*Rehabilitasi Lahan berbasis masyarakat.* ESP telah memfasilitasi penanaman di lahan seluas lebih dari 80 hektar, di mana 27.000 pohon dari lebih dari 20 spesies yang berbeda telah ditanam dengan melibatkan sekitar 400 masyarakat dari 12 desa di Cianjur.

*Di Subang, para mitra ESP telah menanam 20.000 pohon pada 54,4 hektar tanah dengan dukungan dari PERTAMINA dan Kantor Dinas Kehutanan Subang.*

*Pembangunan Kapasitas Pengelolaan DAS (WSM).* ESP menyediakan pelatihan untuk 60 orang fasilitator dari Departemen Kehutanan pada Taman Nasional Gede Pangrango untuk mengembangkan model konservasi desa bagi 20 taman nasional yang lain di Indonesia.

*Pemilihan Lokasi Terpadu di Bandung oleh ESP.* ESP menjalankan pemilihan lokasi dan kegiatan identifikasi mitra untuk kegiatan Pengelolaan DAS-Layanan Jasa Lingkungan (WSM-SD) di dan sekitar Bandung.

**Jawa Tengah/Yogyakarta.** Triwulan ini, kegiatan ESP di Jawa Tengah/Yogyakarta berpindah dari perencanaan berbasis masyarakat menjadi fase tindakan awal di 15 desa di wilayah sub daerah aliran sungai Tangsi dan dua sekolah di Jogonalan, Klaten. Pencapaian penting pada triwulan ini antara lain:

*Perencanaan dan tindakan awal berbasis masyarakat:* Melalui sekolah-sekolah lapangan di 15 desa di wilayah sub daerah aliran sungai Tangsi, masyarakat telah menyelesaikan profil desa dan rencana tindakan masyarakat. Mereka telah

*Clean Green Hygiene in schools and communities:* ESP took Village Facilitators from the Tangsi subwatershed and two school committees from Jogonalan, Klaten, on two local comparative study tours to 3 communities and 1 school in Yogyakarta that are successfully implementing composting and recycling programs.

*Water for the Poor:* With ESP support, PDAM Solo and Bank BRI are prepared to sign an MOU to provide microcredit to poor households in Solo so that they can pay for PDAM household connections in installments.

*Four full-time Field Assistants and 2 partner Field assistants from local NGOs* have returned from 3 months of training on Integrated ESP issues and are now working closely with Village Facilitators to implement Field Schools in the Tangsi subwatershed.

**East Java.** This quarter, ESP reallocated many staff to a new larger office in Malang in order to be closer to the majority of our partners and field sites in the greater Malang area. ESP is maintaining some staff in a smaller office in Surabaya. These changes were necessitated by the substantially increased travel time between Surabaya and Malang caused by the hot mud spill. These changes will enable us to better serve our many community, local government, and PDAM partners in Surabaya and Malang. Other highlights this quarter included:

*Half a million seedlings for reforestation:* Almost 500,000 multi-species tree seedlings have been propagated by three community nurseries, which will be planted on degraded Perhutani lands over the coming months.

*Malang Journalists Raft the Brantas River* to learn more about the connection between water and health.

*memasuki tahap tindakan awal di mana mereka telah mulai mengimplementasikan kegiatan-kegiatan yang berkaitan dengan Konservasi Desa atau Desa Hijau dan Bersih.*

*Program Bersih Hijau Higienis di sekolah dan masyarakat: ESP mengajak para Fasilitator Desa dari wilayah sub daerah aliran sungai Tangsi dan dua komite sekolah dari Jogonalan, Klaten, pada dua wisata studi perbandingan ke 3 kawasan dan 1 sekolah di Yogyakarta yang telah berhasil melaksanakan program pengomposan dan daur ulang.*

*Air untuk Warga Miskin: Dengan dukungan ESP, PDAM Solo dan Bank BRI telah bersiap untuk menandatangani Nota Kesepahaman untuk menyediakan kredit-mikro bagi rumah tangga miskin di Solo sehingga mereka dapat membayar untuk sambungan rumah tangga PDAM secara mencuil.*

*Empat Asisten Lapangan purna-waktu dan 2 mitra Asisten Lapangan dari LSM lokal telah kembali dari pelatihan selama 3 bulan mengenai masalah-masalah ESP Terpadu dan sekarang telah bekerja secara dekat dengan para Fasilitator Desa untuk melaksanakan Sekolah Lapangan di sub daerah aliran sungai Tangsi.*

**Jawa Timur.** *Pada triwulan ini, ESP mengalokasikan ulang banyak staf ke kantor baru yang lebih luas di Malang agar bisa lebih mendekati diri dengan sebagian besar mitra dan situs lapangan kami di wilayah Malang dan sekitarnya. ESP tetap mempertahankan sejumlah staf pada sebuah kantor yang lebih kecil di Surabaya. Perubahan ini diperlukan karena meningkatnya secara substansial jumlah waktu perjalanan yang diperlukan antara Surabaya dan Malang yang disebabkan oleh banjir lumpur panas. Perubahan-perubahan ini akan memungkinkan kita untuk melayani berbagai kawasan, pemerintah lokal, dan mitra-mitra PDAM di Surabaya dan Malang. Sorotan lain pada triwulan ini antara lain:*

*Setengah juta bibit untuk penghutan kembali: Hampir sekitar 500.000 bibit pohon dari berbagai spesies telah dibiakkan oleh tiga pembibitan masyarakat, yang akan ditanam di tanah-tanah Perhutani yang mengalami kerusakan pada bulan-bulan mendatang.*

*Increasing access to clean water:* ESP conducted an assessment of 16 community-based water supply systems that are in need of improvement in Kabupaten Malang. Then ESP and PDAM Kabupaten Malang collaborated to provide these 16 communities with basic training on technical issues. This quarter, PDAM Surabaya and Bank Jatim also signed an agreement to provide microcredit to poor households to establish household connections to PDAM.

*Four full-time Field Assistants and 3 partner Field assistants from 2 local NGOs* have returned from 3 months of training on Integrated ESP issues and are now working closely with Village Facilitators to implement Field Schools in the Sumber Brantas watershed.

*Solid waste management and recycling initiatives* supported by ESP in Wonokromo, Surabaya, have halved the daily volume of solid waste generated by households in less than one year. A Clean Green Hygiene Neighborhood Competition in Gading, Surabaya, sponsored by ESP in 5 RTs attracted the interest and participation of an additional 13 more RTs that are now recycling and composting. Winners of the competition received composters.

### **Special Concern Imperative Areas.**

*In Padang,* is facilitating a mini-ESP with WSM Field Schools as well as city- and community-based sanitation.

*In Balikpapan,* ESP's Environmental Services Finance Team is working with the municipal government on the development of a bond to fund infrastructure and environmental protection to increase and sustain access to clean water.

*In Manado,* a small grant for multi-stakeholder watershed management of is being wrapped-up, while collaborations with WMD continue.

Wartawan Malang melakukan Arung Jeram di Sungai Brantas untuk belajar lebih jauh mengenai keterkaitan antara air dan kesehatan.

Meningkatkan akses terhadap air bersih. ESP menjalankan sebuah penilaian 16 sistem pasokan air berbasis masyarakat yang perlu diperbaiki di Kabupaten Malang. Selanjutnya ESP dan PDAM Kabupaten Malang bekerja sama untuk memberikan pelatihan dasar untuk masalah-masalah teknis kepada masyarakat di 16 lokasi tersebut. Triwulan ini, PDAM Surabaya dan Bank Jatim juga telah menandatangani sebuah kesepakatan untuk menyediakan kredit-mikro bagi rumah tangga miskin untuk membuat sambungan rumah tangga ke PDAM.

Empat Asisten Lapangan purna-waktu dan 3 mitra Asisten Lapangan dari 2 LSM lokal telah kembali dari pelatihan selama 3 bulan mengenai masalah-masalah ESP Terpadu dan sekarang telah bekerja secara erat dengan para Fasilitator Desa untuk melaksanakan Sekolah Lapangan di daerah aliran sungai Sumber Brantas.

Pengelolaan sampah padat dan upaya daur ulang di Wonokromo Surabaya yang didukung oleh ESP telah mengurangi volume harian sampah padat yang dihasilkan oleh rumah tangga hingga setengahnya dalam jangka waktu kurang dari satu tahun. Perlombaan Lingkungan Bersih Sehat dan Hijau di Gading, Surabaya, yang disponsori oleh ESP di 5 RT telah menarik minat dan keikutsertaan dari 13 RT lainnya yang sekarang juga melakukan daur ulang dan pengomposan. Pemenang dari perlombaan ini menerima alat pengomposan.

### **Wilayah Perhatian Khusus**

Di Padang, sedang memfasilitasi sebuah ESP-mini dengan Sekolah Lapangan Pengelolaan DAS dan juga kebersihan berbasis kota dan masyarakat.

Di Balikpapan, Tim Pembiayaan Jasa Lingkungan ESP bekerja dengan pemerintah kota untuk mengembangkan obligasi untuk membiayai infrastruktur dan perlindungan lingkungan hidup dalam rangka untuk meningkatkan dan melestarikan akses atas air bersih.

Di Manado, sebuah proyek hibah kecil untuk pengelolaan daerah aliran sungai multi pihak sedang dalam proses penyelesaian akhir, sementara kerja sama dengan WMD akan diteruskan.

## 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**

*ESP WSM Field School Roll-Out.* This Quarter marked the return of 36 ESP Field Assistants (FAs) and Partners from the 12-week ESP WSM Field School TOT conducted in Solok, West Sumatra. This enabled the ramping-up of Field Schools across HPPs.

*Community-Based Land Rehabilitation.* This Quarter saw the Rainy Season commence across ESP field sites, starting in Aceh and North Sumatra and slowly moving to the east, down to and then across Java. This provided the enabling conditions for extensive land rehabilitation work.

*Participatory Protected Areas Management.* Significant progress was made with ESP's biodiversity conservation work this Quarter, including decentralized conservation planning and management, Conservation Village facilitation training, and Pride Campaign work planning..

*Water Quality Monitoring and Training.* ESP received water quality monitoring equipment, and rolled-out a water quality monitoring training program for ESP WSM staff and partners across HPPs.

### **Environmental Services Delivery**

*Increase Water for Poor.* ESP National team further developed its close collaboration with the World Bank and ECO-Asia programs. With the World Bank and ECO-Asia, ESP is developing an OBA program to increase connections to safe water for an estimated 9,000 households in Surabaya over a period of three years.

## INFORMASI NASIONAL & PENGELOLAAN PROGRAM

Sejumlah tema dan aktivitas mengisi berbagai program ESP. Aktivitas sepanjang triwulan ini antara lain:

### **Pengelolaan Daerah Aliran Sungai dan Konservasi Keanekaragaman Hayati**

*Peluncuran Sekolah Lapangan Pengelolaan DAS ESP.* Triwulan ini ditandai dengan kembalinya 36 orang Asisten Lapangan ESP dan para mitra dari Pelatihan untuk Pelatih (TOT) bagi Sekolah Lapangan Pengelolaan DAS ESP yang dijalankan di Solok, Sumatra Barat. Program ini memungkinkan pelaksanaan Sekolah-Sekolah Lapangan di seluruh Provinsi Utama.

*Rehabilitasi Lahan berbasis masyarakat.* Pada triwulan ini musim hujan mulai berjalan di berbagai lokasi lapang ESP, mulai dari Aceh dan Sumatra Utara dan perlahan-lahan bergerak ke timur, hingga mencapai seluruh Jawa. Keadaan ini memberikan kondisi yang memungkinkan bagi pekerjaan rehabilitasi lahan secara ekstensif.

*Pengelolaan Wilayah Lindung Secara Partisipatoris.* Kemajuan penting telah dicapai dalam pekerjaan konservasi keanekaragaman hayati ESP pada Triwulan ini, termasuk antara lain perencanaan dan pengelolaan konservasi secara terdesentralisasi, pelatihan fasilitasi Konservasi Desa, dan perencanaan pekerjaan Kampanye Kebanggaan (Pride Campaign).

*Pemantauan dan Pelatihan Kualitas Air.* ESP menerima peralatan pemantauan kualitas air, dan telah meluncurkan sebuah program pelatihan pemantauan kualitas air bagi staf ESP WSM dan para mitra di Provinsi-Provinsi Utama.

### **Penyediaan Jasa Lingkungan**

*Meningkatkan Akses Air untuk Warga Miskin.* Tim ESP Nasional lebih jauh lagi mengembangkan kerja sama erat dengan Bank Dunia dan program-program ECO-Asia. Dengan Bank Dunia dan ECO-Asia, ESP mengembangkan sebuah program Pinjaman Berbasis Keluaran (OBA, Output-Based-Aid) untuk meningkatkan jumlah sambungan bagi air yang aman bagi sekitar 9.000 rumah tangga selama periode tiga tahun.

*PDAM Energy Efficiency Audits.* The PDAM Energy Efficiency audit program has been completed successfully. ESP initiated discussion with Dutch consulting firm and bank for preparations to set up a Special Purpose company (SPC) to undertake this work.

*PDAM Non-Revenue Water Reduction (NRW) programs.* Reports are ready for ESP program for NRW and PDAM household census. Discussions were made with WBI and SEAWUN on future collaboration for further exposure on ESP experience on above program which demonstrates a 20% reduction in NRW and 20% revenue increase, through household meter replacement and customer tariff re-classification

*ESP Sanitation Program.* City-wide sanitation strategies approach have been discussed with and agreed by four participating PEMDA (Padang, Medan, Surabaya, Malang). In all locations local working groups (POKJA) have been formed. BORDA presented citywide sanitation mapping for all locations using sanmap software and will continue training of PEMDA staff in next quarter.

*INDOWATER 2007.* ESP has taken lead for a one day conference during the INDOWATER international conference and exhibition in June 2007.

#### **Environmental Services Finance**

*Full Cost Recovery.* In addition to 10 water utilities that have been advised on tariff levels needed to achieve reasonable cost recovery tariffs with the ultimate objective of raising commercial funding, ESP has started with two other water utilities, i.e. PDAM Kab. Karo and PDAM Kab. Langkat in North Sumatra.

*Micro-Credit.* Seven master agreements on micro-credit financing have been signed. Five PDAMs (Kab. Bandung, Kab. Subang, Kota Sukabumi, Kota Malang and Kab. Sidoarjo) signed agreements with local branch offices of BRI, one PDAM (Kota Surabaya) signed agreements with both the local branch office of BRI as well as Bank Jatim.

*Audit Efisiensi Energi PDAM.* Program audit Efisiensi Energi PDAM telah berhasil diselesaikan. ESP menjalankan diskusi dengan perusahaan konsultan dan bank Belanda dalam rangka mempersiapkan pendirian sebuah Perusahaan Tujuan Khusus (SPC, Special Purpose Company) untuk melaksanakan pekerjaan ini.

*Program Pengurangan Air Tak Tertagih (NRW) PDAM.* Laporan-laporan sensus Air Tak Tertagih (NRW) dan Rumah Tangga PDAM telah siap. Pembicaraan telah dijalankan dengan WBI dan SEAWUN untuk kemungkinan kerja sama di masa mendatang dalam mengembangkan lebih jauh pengalaman ESP dalam program-program di atas yang menunjukkan pengurangan NRW sebesar 20% dan peningkatan pendapatan sebesar 20%, dengan cara penggantian meter rumah tangga dan pengklasifikasian ulang tarif pelanggan.

*Program Sanitasi ESP.* Pendekatan strategi sanitasi tingkat kota telah didiskusikan dan disepakati oleh empat PEMDA yang berpartisipasi (Padang, Medan, Surabaya, Malang). Di semua lokasi tersebut telah dibentuk kelompok-kelompok kerja setempat. BORDA mempresentasikan pemetaan sanitasi menyeluruh tingkat kota untuk semua lokasi dengan menggunakan perangkat lunak sanmap dan selanjutnya akan memberikan pelatihan pada staf PEMDA pada triwulan mendatang.

*INDOWATER 2007.* ESP telah memotori sebuah konferensi satu hari dalam konferensi dan pameran internasional INDOWATER pada bulan Juni 2007.

#### **Pembiayaan Jasa Lingkungan**

*Pemulihan Biaya Penuh.* Selain 10 perusahaan utilitas yang telah mendapat saran mengenai tingkat tarif yang diperlukan untuk mencapai tarif pemulihan biaya yang masuk akal agar mencapai tujuan akhir yakni mendapatkan pembiayaan komersial, ESP telah mulai melaksanakan pembicaraan dengan dua perusahaan utilitas air lainnya, yakni PDAM Kab. Karo dan PDAM Kab. Langkat di Sumatra Utara.

*Kredit-Mikro.* Tujuh perjanjian indung mengenai pembiayaan kredit mikro telah ditandatangani. Lima PDAM (Kab. Bandung, Kab. Subang, Kota Sukabumi, Kota Malang and Kab. Sidoarjo) telah menandatangani kesepakatan dengan kantor cabang BRI setempat, satu PDAM (Kota Surabaya) menandatangani kesepakatan dengan kantor cabang BRI setempat dan juga dengan Bank Jatim.

*Kabupaten Bogor Bond Issue.* PDAM Kabupaten Bogor has provided a mandate letter to PT. Danareksa to begin organizing the financing for the planned capital expansion. On-going efforts to build support for this initiative continue. The WSM Team conducted a raw water resource assessment to support this important work.

*Municipal Bonds Development.* ESP has selected a lawyer to provide technical assistance to the Ministry of Finance to draft a technical guidance (SOP) for the minister's regulation on municipal bonds (PMK), that would provide guidance for, as well as screening approvals for the issuance of municipal bonds. ECO-Asia funding has been utilized for this work.

*Indonesia Water Fund (IWF).* In an effort to accelerate the establishment of the IWF, ESP has made contacts and conducted several discussions with other donors (DSF, ADB, IFC) to assess the possibility of their involvement in the development of the IWF, particularly in terms of credit enhancement options. ECO-Asia may become partner to this as well.

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

*Health and Hygiene for Behavior Change.* Health and Hygiene Communications work generated activities targeted to community by expanding the number of communities involved in (Hand Washing with Soap) HWS promotion linking to solid waste. In the previous year, there were close to 28,000 people exposed to HWS. The target for this year at the minimum is to triple the number since we are expanding the target audiences.

*Public Outreach Communications.* ESP's Public Outreach and Communications Team implemented MMC 6 focusing on Clean Water for Healthy Life messages. This was carried through layers of activities targeting media, decision makers and local leaders by developing understanding on relations between water and diarrhea.

*Penerbitan Obligasi Kabupaten Bogor.* PDAM Kabupaten Bogor telah menyerahkan surat mandat kepada PT. Danareksa untuk mulai mengatur pembiayaan bagi penambahan modal yang direncanakan. Upaya-upaya untuk membangun dukungan bagi inisiatif ini terus dijalankan. Tim Pengelolaan Daerah Aliran Sungai (WSM) menjalankan penilaian sumber daya air mentah untuk mendukung pekerjaan yang penting ini.

*Pengembangan Obligasi Pemerintah Kota.* ESP telah menyeleksi seorang ahli hukum untuk memberikan bantuan teknis bagi Departemen Keuangan untuk menyusun rancangan pedoman teknis (SOP) bagi peraturan menteri mengenai obligasi pemerintah kota (PMK), yang akan memberikan panduan dan juga penyaringan untuk persetujuan bagi penerbitan obligasi pemerintah kota. Dana dari ECO-Asia telah digunakan untuk pekerjaan ini

*Indonesia Water Fund (IWF, Dana Air Indonesia).* Dalam upaya untuk mempercepat pembentukan IWF, ESP telah melakukan kontak-kontak dan menjalankan sejumlah pembicaraan dengan donor lain (DSF, ADB, IFC) untuk menilai kemungkinan keterlibatan mereka dalam pengembangan IWF, khususnya dalam hal pilihan-pilihan peningkatan kredit. ECO-Asia-pun bisa menjadi mitra untuk kegiatan ini.

### **Komunikasi Strategis untuk Perubahan Perilaku**

*Perubahan Perilaku Kesehatan dan Kebersihan.* Pekerjaan Komunikasi Perilaku Kesehatan dan Kebersihan telah menghasilkan kegiatan-kegiatan yang ditujukan bagi masyarakat dengan menambah jumlah kelompok masyarakat yang terlibat dalam pemajuan program Cuci Tangan Pakai Sabun (Hand Washing with Soap - HWS) yang terkait dengan sampah padat. Dalam tahun sebelumnya, terdapat hampir 28.000 orang yang menerima paparan HWS. Target pada tahun ini adalah minimum melipattigakan jumlah tersebut karena kami juga menambah jumlah audiens sasaran.

*Public Outreach Communications (POC, Komunikasi Jangkauan Publik) Tim Komunikasi dan Jangkauan Publik* ESP telah menjalankan Kampanye Multi Media 6 (MMC 6) yang difokuskan pada pesan-pesan Air Bersih untuk Hidup Sehat. Hal ini dijalankan melalui kegiatan berlapis-lapis yang sasarannya adalah media massa, pembuat keputusan dan pemimpin lokal dengan mengembangkan pemahaman mengenai hubungan antara air dan diare.

### **Small Grants**

*Small Grants Program grows.* 23 on-going small grants are being implemented in 8 ESP regions and are progressing well.

### **Monitoring and Evaluation**

*TAMIS re-design and training.* This Quarter saw the re-design of TAMIS to reflect the new regionally-driven integrated site-based work plan approach. After the re-design, training was conducted in Jakarta and HPP offices.

*ESP Longitudinal Study* was effectively started this Quarter. The study report is now being updated twice each year, in December and June.

*Mini Baseline Health and Hygiene Monitoring.* During this period, the activities related to Mini Baseline/Ten Minutes Monitoring for Health and Hygiene Improvement was focused on training for Posyandu Cadres on data collection and monitoring.

### **Hibah Kecil**

*Program Hibah Kecil terus tumbuh.* 23 proyek hibah kecil yang sedang berjalan telah diimplementasikan di 8 wilayah ESP dan terus mengalami kemajuan.

### **Pemantauan dan Evaluasi**

*Perancangan ulang dan pelatihan TAMIS.* Pada Triwulan ini TAMIS mengalami perancangan ulang untuk mencerminkan pendekatan rencana kerja berbasis lokasi terpadu yang didorong berdasar wilayah. Setelah proses perancangan ulang, pelatihan telah dijalankan di Jakarta dan kantor-kantor di Provinsi Utama.

*Penelitian Longitudinal ESP* telah dimulai pada Triwulan ini. Laporan penelitian ini sekarang diperbarui dua kali setiap tahun, pada bulan Desember dan Juni.

*Pemantauan Mini Batas Dasar Kesehatan dan Kebersihan.* Selama periode ini, aktivitas-aktivitas yang berkaitan dengan Batas Dasar (Baseline) Mini/Pemantauan Sepuluh Menit untuk Perbaikan Kesehatan dan Kebersihan telah difokuskan pada pelatihan bagi Kader-Kader Posyandu dalam hal pengumpulan data dan pemantauan.



## 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

## INTRODUCTION

The Quarter was marked by an historic event, the first local direct election for governor, district heads and mayors in Nanggroe Aceh Darussalam. The election was notable in three ways. The campaigning was peaceful, much more so than the raucous events found elsewhere in Indonesia. There has been an apparent lack of bitterness on the part of those who supported losing candidates. Finally, the resounding success of candidates with Gerakan Aceh Merdeka (GAM) pedigrees in contrast to the predictions of political pundits has astounded some and pleased many. With respect to ESP and ESP initiatives, the results may bring positive support and leadership on environmental issues from the government. Irwandi Yusuf, the new governor, has strong environmental concerns; he once worked for FFI. Also it is clear that there will be confusion and disruption as the new government goes about reshuffling civil service leadership. Over the Quarter, civil servants and government were reluctant to lead or take up new initiatives. During the next Quarter, there will be a period where almost nothing in local government will be accomplished until the reshuffling is over.

BRR may also find itself in a less powerful position as the new government starts to assert itself. Over the past two years the BRR has existed in a governmental vacuum. They have been the *de facto* government when it came to the development and implementation of reconstruction projects. Elected governments will act in what they feel is their and their constituents' best interests. Thus it is likely that the pendulum of power will swing to local government and BRR will have to adjust its mode of operations. From the perspective of ESP programs, this suggests that a quiet but effective campaign to introduce itself and its programs to new leadership will be in order over the next Quarter.

Two recent reports, "Decentralizing Inequality", produced by the World Bank, and "Politics and Good Intentions", a publication of the Aceh Institute, call for the increased empowerment of people and the participation of communities in the reconstruction process in Aceh. The issue of local participation will likely be very important to the new government. ESP field activities in Aceh have always been based upon a community participation model. During the Quarter it became clear that the ESP approach is respected by many organizations. American Red Cross and Oxfam asked ESP to help improve their community approaches via training. As well, BRR, FAO and the Department of Fisheries all sought ESP cooperation in the context of their coastal replanting programs citing ESP's strong community base along the west coast. Thus, this has been an important Quarter for ESP, building a foundation for effective and participatory reconstruction and rehabilitation in Aceh that will lead to achievement of ESP outcomes as well as contribute to broader, positive results.

### Blue Thread In The Krueng Aceh Watershed

As expected in a Blue Thread integrated site with the commencement of Rainy Season, the Quarter saw a broad range of activities being implemented in the Krueng Aceh watershed. The number of communities ESP is working has expanded from four to 19. Four of these are Field School sites, three have community nurseries, one is a spatial planning activity for CARE, and the rest are involved in land and forest rehabilitation activities. The CARE cooperation has been successfully completed.

In three communities, ESP is rehabilitating water distribution systems with back-up from the PDAM of Aceh Besar. The community of Blang Lambaro received a grant from the Village Development Program for the purchase of pipes. These were installed as a “primary” distribution line with ESP technical assistance. ESP is now assisting in the installation of pipes to establish a series of public standpipes. In Jruék Balee, work has been more complex and received greater funding support from ESP. Village wells were low and in the dry season they ran out of water. ESP helped drill four deep wells and install roof-top reservoirs. A distribution system will be installed during the next Quarter. Finally, in Sukadamai, design work was completed during the Quarter and pipes will soon be installed. Extensive training has been conducted in these three communities so that residents could do initial installation work as well as maintain and operate their systems.



**Blang Lambaro residents working on their new water supply**

The community of Jruék Balee provides an example of how activities and communities involved in Blue Thread activities have expanded. Jruék Balee has become a nexus for ESP activities that have grown to include an additional nine neighboring communities. During the previous year ESP’s work in Jruék Balee focused on the community nursery, SRI and preparations for rehabilitation of a water distribution system. During the Quarter ESP began two Field Schools, continued the SRI initiative, expanded the nursery, conducted a training in plant propagation, rehabilitated 135 hectares of land, developed a compost production program, initiated a village policy development program in Jruék Balee, developed a waste management program, and began improving Jruék Balee’s access to clean water. M. Husin, a former village head and a junior high school teacher who has provided local leadership for ESP activities and contributed land for the community nursery says that, “I support this program because I know it’s for the community, it will help us shine.”

At the lower end of the watershed in the sub-district of Meuraxa in Banda Aceh, ESP has been working with the World Bank in four communities. Meuraxa was the hardest hit sub-district in the city of Banda Aceh. ESP helped the communities establish temporary water and sanitation systems with World Bank support and is presently helping them plan for a World Bank investment of around US \$50,000 per community in water and sanitation systems.

## Clean Green And Hygiene In Lhoknga

The name for this site has been changed. Where ESP was once only active in Nusa and Lamkruet, more communities and organizations are requesting ESP assistance. Thus we are now using the name of the sub-district. Nusa and Lamkruet activities continue to focus on water and sanitation issues. These activities have included weekly community clean-up activities and the introduction of hand washing and other hygiene concepts in Lamkruet and Nusa. Recently a group of women in Lamkruet asked ESP to help renovate a toilet in the village.

The infrastructure that ESP has built in Lamkruet, a sub-surface wastewater garden and a drinking water refill station, are both functioning well. The Minister for International Cooperation of the Netherlands visited the water refill site during the Quarter. ESP continues to provide training to community members concerning operating and maintaining the two facilities.

ESP was asked by Oxfam to train its staff to establish village level water user's organizations. Lampueuk in Lhoknga sub-district was selected as the site for a hands-on training site in how to develop a HIPAM. ESP Field assistants have begun establishing a Field School as part of the work.

Nagaumbang is another new ESP community site in Lhoknga. The coastal rehabilitation project organized the cleaning of the banks and shallows of the Kr. Raba. This activity was implemented by the local NGO, PeNA as part of a sub-contract with ESP. PeNA worked with a community group from Nagaumbang to do the clean-up. Two potential sites for replanting mangroves were identified during the activity.

ESP is coordinating a group of organizations to install a water supply system in the villages of Monikeun and Lamkruet. The group includes AmRC, UNICEF, BRR and THW. When completed, AmRC, THW and UNICEF will have invested an estimated \$350,000 in the realization of a concept first developed by ESP. Negotiations for land were at an impasse during the Quarter, but ESP consultations with the land owner seem to have overcome his misgivings. If this project happens, it will have to be during the next six months.

### A Simple Thing

Aisyah, now a single mother, is one among hundreds of tsunami survivors in Lamkruet that still live in the barracks constructed there after the tsunami. Aisyah is a member of the women's group in Lamkruet that asked ESP to rehabilitate their public toilet that was built in 1975.

"Most of the women prefer to wash their clothes and bathe at the well rather than using the shower in the barracks. We also use the toilet here. We ought to use the toilet in the barracks, but it's been broken for months. More than a few people use the rice field as their toilet."

ESP is collaborating with the women's group to rebuild their old public toilet. The women are helping do the work.



**Aisyah and son helping rebuild public toilet in Lamkruet**

### **Coastal Mini-ESPs**

The Coastal Mini-ESP integrated site stretches some 240 kilometers along the west coast from Leupeung, the sub-district immediately south of Lhoknga, to Meulaboh. ESP activities currently cover 17 communities in this coastal region. Activities include three sanitation clinics in Aceh Barat, coastal rehabilitation nurseries in two communities near Calang in Aceh Jaya and one community in Leupeung in Aceh Besar, Field Schools in two communities in the Lhoong sub-district of Aceh Besar, and coastal rehabilitation planting in another nine communities.

The Field School in Glee Bruck of Lhoong has been difficult. The community has never had much “community”, rarely coming together to take common action. The participants are actively engaged in their Field School and taking a more pro-active stance as a group. One example of this is an offer from Oxfam to install solid waste facilities. The Field School group was not interested “unless Oxfam involves us”.

Over the Quarter the Sustainable Sanitation activity of ESP conducted another workshop in Meulaboh that was funded by Oxfam. The “Sustainable Sanitation” handbook developed by ESP for the workshops of the same name has been used by CARITAS, Medair and Atlas Logistique in the construction of sanitation systems in 364 houses. CARRITAS and Medair plus Habitat for Humanity, CRS and Buddha Tzu Chi are using the same handbook as they develop plans for another 7640 houses. The total of some 8,000 houses will affect an estimated 40,000 people.

ESP provided extensive training to American Red Cross during the Quarter. The training has focused on improving the approach of AmRC field staff in working with communities in villages from Meulaboh to Banda Aceh. The basic “laboratory” for this training has been Kuala Meurisi in Aceh Jaya. With ESP technical assistance and hands-on training AmRC is constructing a water distribution system in the village and will also develop a sanitation system for the village. This same village is home to one of the ESP community nurseries used in coastal rehabilitation. Coastal rehabilitation activities in the village have resulted in 28 hectares of coastal area being replanted to casuarinas, katapang and waru.

Coastal rehabilitation has been active leveraging BRR, FAO and the Department of Fisheries planting projects for trees. In these cases, ESP organizes and trains groups to plant and maintain trees while BRR, for example, provides the trees. Fisheries trees were planted in the village of Sawang near Calang. In Leupeung, 553 hectares of coastal area were rehabilitated with five village groups organized by ESP. Here BRR supported 18,000 trees and cages with a cost of about \$40,000. The Department of Fisheries increased the rehabilitated area in Sawang. The community nursery in Sawang continues to provide leadership for the Aceh Jaya area. During the Quarter ESP supported a tree propagation training conducted by Suleiman of Sawang. Twenty-one men and three women from ESP organized groups in nine villages participated in the training.

### Ngoh Kali of Babah Ngom

“There have been lots of changes around Babah Ngom since the tsunami. Most of our houses have been rebuilt and our village is becoming green again. The trees we planted with ESP/USAID along the beach are getting tall.” This is how Ngoh Kali sums up the conditions at present around Babah Ngom sub-village in Sawang, Aceh Jaya. This is quite a change as the tsunami took everything and almost everyone in the village on 26 December 2004.

Ngoh Kali is one of the main movers of change in Babah Ngom. He was a successful businessman prior to the tsunami, but, like his neighbors, the wave took everything including his wife and children. Ngoh Kali took part in the SLA that ESP conducted in Sawang village during which he was vocal in expressing his sub-village’s need for coastal planting. “We can’t take this wind much longer. When the west wind blows we get sand all over everything. Please help us replant the beach to protect us from the wind.”

Ngoh Kali helped ESP organize the planting of the three kilometers of coastal area in Babah Ngom with casuarina and katapang trees. “I dream that in three to five years our beach will be a beautiful thing to behold. A year ago I thought that the beach would never be green again, everything has changed. Our beach is going to be the most beautiful beach in Aceh Jaya. Our village will become a tourist attraction without an equal along the coast.”



**Ngoh Kali**

### Ulu Massen



**Rehabilitation activity along Kr.Keumiru in Ulu Massen.**

ESP Aceh’s primary focus area surrounds the northern Ulu Massen region which forms the northern most tip of the Bukit Barisan range on Sumatra. FFI and other organizations want to establish legislation that would declare this a provincial Protected Area for biodiversity conservation. During the Quarter ESP organized groups and activities in several villages in the Ulu Massen region and its buffer zone to begin laying a strategic foundation at the community level to support an informed and participatory Ulu Massen conservation initiative:

- A Field School was organized in Beung, a village not far from Jantho. The people of Beung farm and raise livestock in the eastern buffer zone of Ulu Massen.
- The NGO, Mapaya, is conducting Pride Conservation Campaign activities in the Jantho Baru area. This area also falls into the Ulu Massen eastern buffer zone. One focus of the conservation campaign is to reduce livestock and tiger conflicts.
- ESP mapping activities have shown that the water catchment area of PDAM Aceh Besar falls within Ulu Massen. ESP is working with the PDAM to protect this catchment area.

- The riverine rehabilitation along the Kr. Keumiru conducted by an ESP established group in the village of Jantho Baru replanted 181 hectares in the Ulu Massen area.
- The watershed of the Kr. Geupu includes part of Ulu Massen on the western slopes of the Bukit Barisan range. ESP has established a community nursery in Lamseunia at the mouth of the Kr. Geupu. During the last two weeks of the Quarter an ESP organized group in Lamseunia began rehabilitating the banks of the Kr. Geupu.
- PeNA is implementing a Pride Conservation Campaign in Lamseunia. PeNA has established a plan to try to limit slash and burn agriculture in the watershed of the Geupu.

### The Municipal Program

The more things change the more they stay the same. This is at least true for two of the three PDAMs in which ESP works in Aceh. During the Quarter, the directors of the PDAMs in Meulaboh and Banda Aceh were replaced, replacing directors who had replaced them in mid-2005. In both cases, the return of these directors brings hope for increasing staff motivation in these PDAMs. As far as ESP programming is concerned, the changes should be good. M. Saefullah, the once and now new director in Meulaboh, said: “We truly hope ESP can continue to help us until our PDAM is healthy again.”



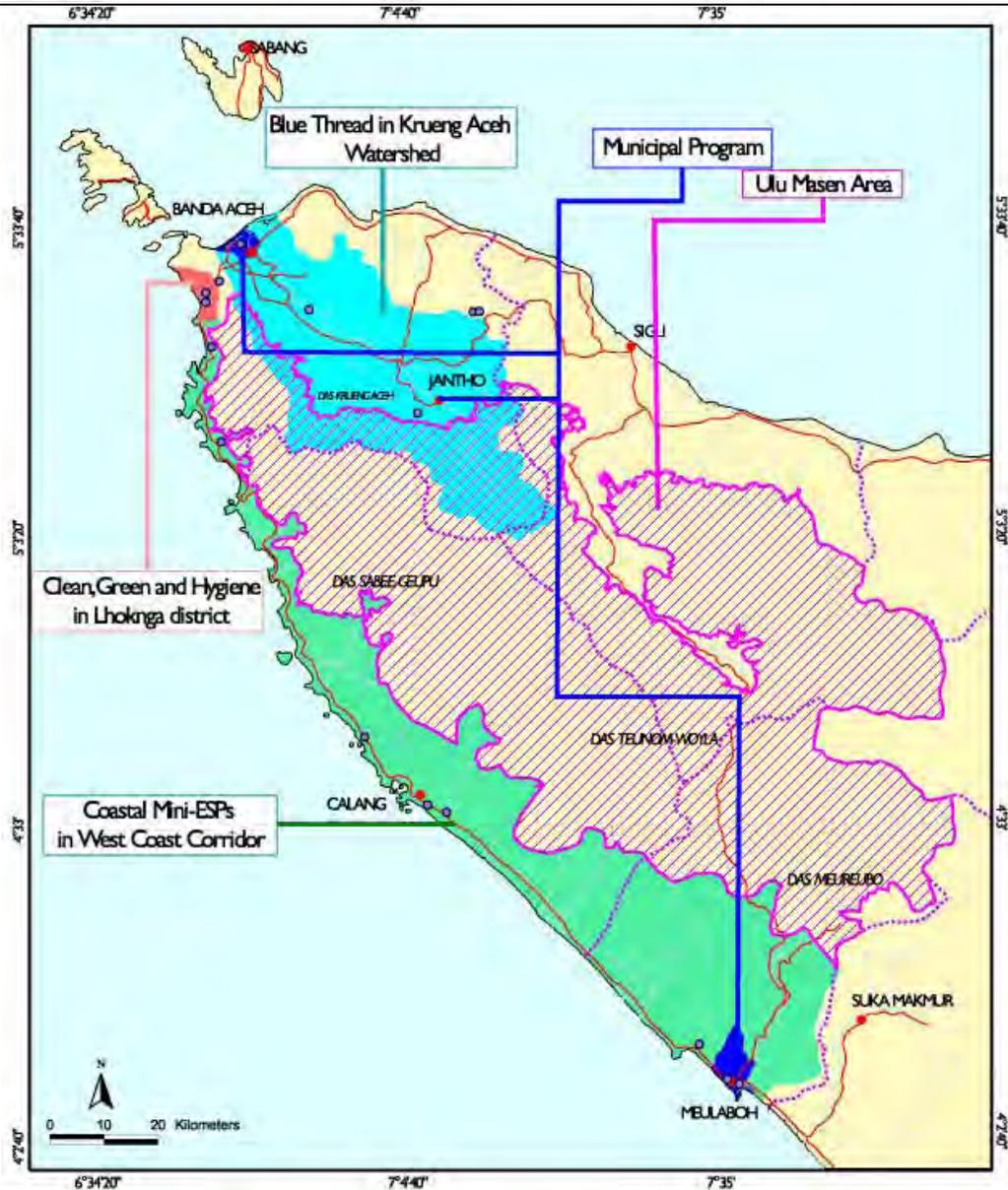
**Ibu Rosmala presenting during budget training workshop.**

One of the major activities during the Quarter was a one week training course for PDAM staff on budgeting. The course was delivered in Meulaboh and in Banda Aceh. Staff from Tirta Meulaboh, Tirta Mountala (Aceh Besar) and Tirta Daroy (Banda Aceh) attended the training. In the Meulaboh training there were seven participants (three were women) and in the Banda Aceh training there were 16 people (three were women). The training was particularly relevant for the PDAMs as they were being asked by local government to develop their annual budgets. Ibu Rosmala of Tirta Mountala, the right-hand “man” of Tirta Mountala’s director said, “Yes this takes me away from my work. I am always “on call” to the Director. But this training will help me be better at my work. The Director likes that and so do I.”

ESP assisted the PDAMs in many ways. Corporate planning was initiated in Tirta Mountala. ESP began an asset re-evaluation program for Tirta Daroy and Tirta Mountala. Standard operating procedures were developed for Tirta Mountala and the PDAM began to implement them. An ESP proposal for re-structuring the organization of Tirta Meulaboh was accepted by the bupati of Aceh Barat. Water-quality monitoring (WQM) programs were intensified in all three PDAMs. The WQM programs are in essence quality control programs that rely on the laboratory equipment installed earlier by ESP in the three PDAMs.

Two proposals were prepared for Tirta Mountala who forwarded them to UNICEF for funding. One proposal was for surfacing the yard of Siron 2 where water tankers load water for TLCs. The second proposal was for a new intake for Siron 2. The two proposals total US \$130,000 and UNICEF was guaranteeing their acceptance. A feasibility study examining the piping of water from Jantho Springs to the Banda Aceh area was also completed during the Quarter.

### Map QPR07 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



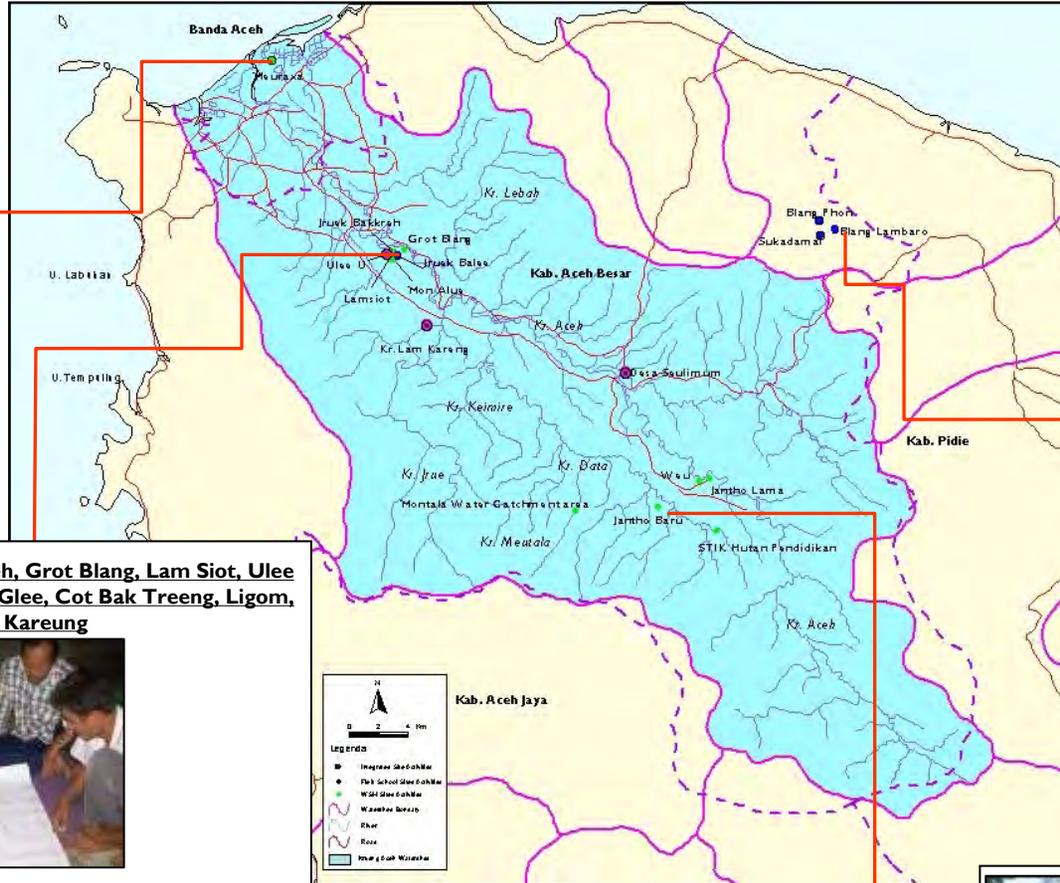


**Map QPR07 Nangroe Aceh Darussalam-2.**  
**Blue Thread Strategy Update**  
**in Krueng Aceh Watershed**

**Meuraxa Area**



**SD4-5, SD3-4 & SD4-6:**  
Collaborate with World Bank to improve individual septic tank, quality of individual water source, and support public awareness campaign on sanitation.



**Blang Lambaro, Sukadamai, Blang Phon**

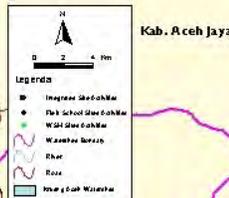


**WSI-4:**  
Establish community groups to rehabilitate critical land, forest, and watershed  
**WS2-1:**  
Rehabilitate forest and watershed 294 Ha  
**WS3-2:**  
Pride Campaign : Blang Lambaro area.  
**SD3-1:**  
Increase access to clean water in Sukadamai and Blang Lambaro by rehabilitating water supply systems  
**ENI:**  
Complete spatial plan for CARE return site in Blang Phon

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



**WSI-4:**  
Establish 9 community groups. SRI implementation to enhance biodiversity  
**WS2-1:**  
Rehabilitate watershed by replanting 180 Ha. Training in plant propagation  
**WS2-1 & SD 3-1:**  
Field Schools facilitating community planning for watershed and watsan activities  
**WSI-5:**  
Village level environmental policy development  
**SD3-1:**  
Increase access to clean water by rehabilitating water supply system



**Jantho Area**

**WSI-4:**  
Establish village groups to rehabilitate watershed  
**WS2-1:**  
Rehabilitate watershed by replanting 165 Ha



**Map QPR07 Nangroe Aceh Darussalam-3.  
Coastal Mini-ESPs Strategy Update  
in West Coast Corridor**

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

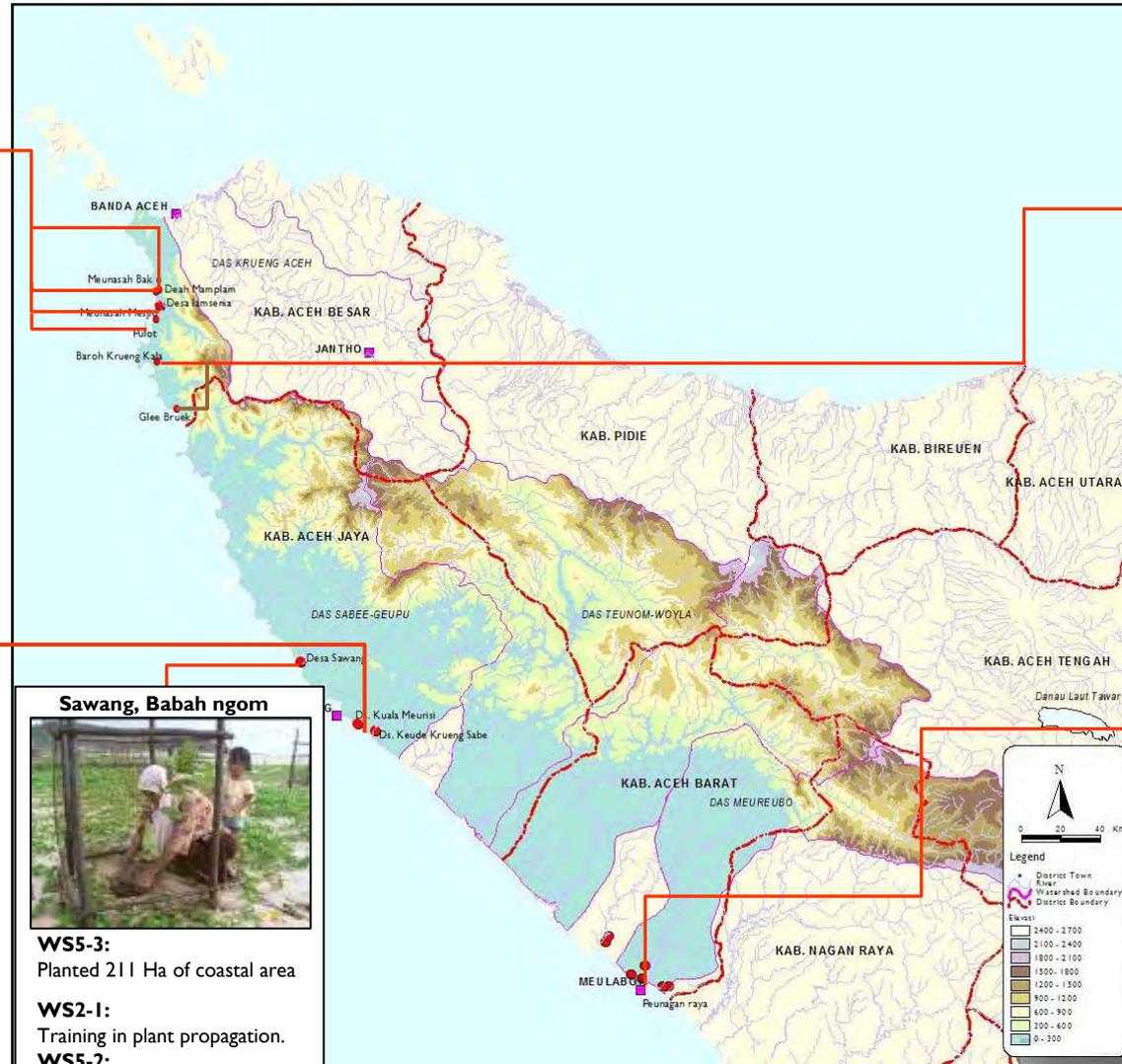


- WS5-3:**  
Planted 553 Ha of coastal area
- WS5-2:**  
Established 7 farmer groups to manage rehabilitation

**Kuala Meurisi, Krueng Sabee**



- WS5-3:**  
Rehabilitate coastal area, 82 Ha.
- WS5-2:**  
Establish 1 farmer group to manage rehabilitation activities
- SD4-3:**  
Train American RedCross in community watsan approaches and begin to build water supply system



**Sawang, Babah ngom**



- WS5-3:**  
Planted 211 Ha of coastal area
- WS2-1:**  
Training in plant propagation.
- WS5-2:**  
Establish 3 farmer groups to manage rehabilitation activities

**Babah Krueng Kuala, Glee Bruuk**



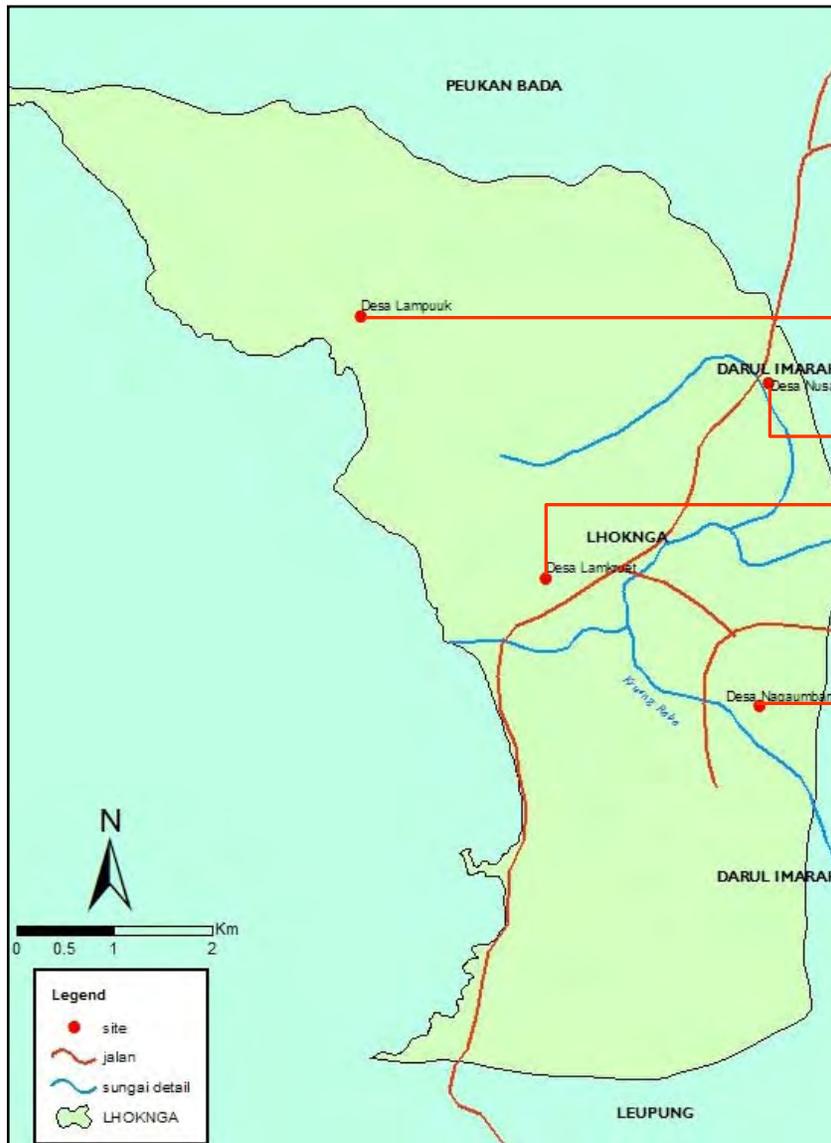
- WS5-3 & SD3-4:**  
Two Field Schools help community plan watershed, coastal and watsan projects

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



- EN 2:**  
Sustainable sanitation workshops for organization's building houses
- SD4-3:**  
Sanitation clinics to help villages overcome water and sanitation problems. In Peunagan Rayeuk, help pesantren build communal sanitation system





**Lampuuk, Lamkruet and Nagaumbang villages**



**SD4-5:**

Work with community group to rehabilitate public toilet in Lamkruet

**SD4-6:**

Work with community group to improve environmental sanitation in Lamkruet

**SD3-4:**

Lead coalition to build water supply system for Lamkruet and Monikeun

**SD3-4:**

Start to establish community group to manage water users association in Lampakuek

**SD4-6:**

Work with community group to improve environmental sanitation in Nusa

**WS5-3:**

Community group from Nagaumbang cleans tsunami deposited trash along krueng Raba to improve watershed function





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**Map QPR07 Nangroe Aceh Darussalam-5.  
Support Ulu Masen Catchments Areas Update**

**in Krueng Aceh Watershed, Sabee-Geupu Watershed and Teunom-Woyla Watershed**



**Bueng, Jantho Baru, Kr. Geupu**



**WS1-4 & SD:**

Field school in Bueng to assist community to develop watsan and watershed action plans

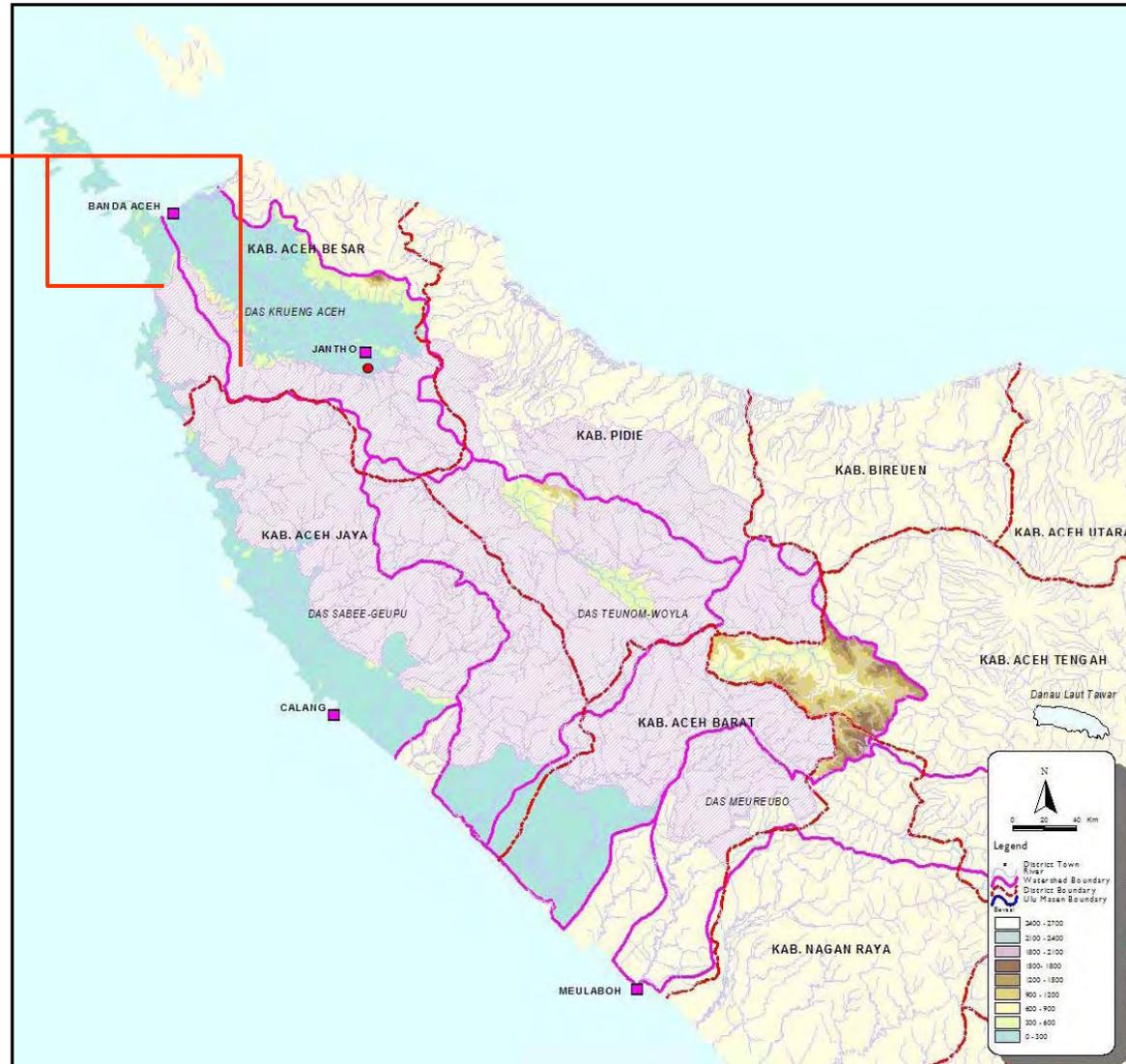
**WS2-1:**

Rehabilitation of riverine habitat, 181 Ha

**WS3-2:**

Pride Campaign in Jantho Area

Pride campaign Kr. Geupu sub-watershed





## Map QPR07 Nangroe Aceh Darussalam-6. PDAM Institution Development Program Update In Banda Aceh, Aceh Besar and Aceh Barat District

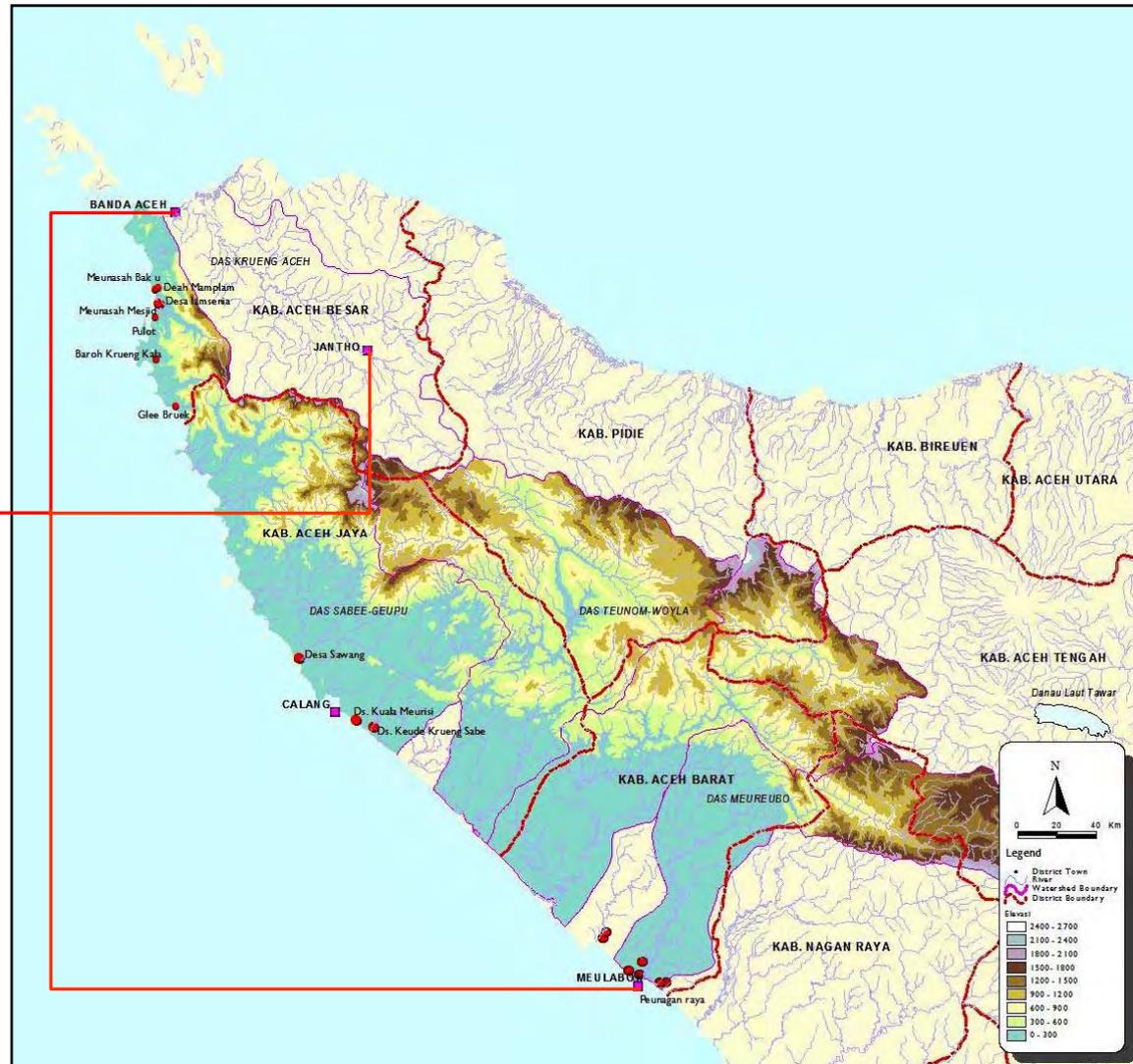
### Banda Aceh, Aceh Besar, Aceh Barat



**SDI-4:**  
Improve management skills in PDAMs in Banda Aceh, Aceh Besar, and Aceh Barat

**SDI-3:**  
Conduct census of consumers and non-consumers in Banda Aceh and prepare to do same in Aceh Barat

**SD3-4:**  
Prepared proposals for PDAM Aceh Besar to submit to UNICEF for funding. Complete feasibility study for piping water from Jantho spring to Banda Aceh Regional





SECTION 2.2.

# NORTH SUMATRA

## INTRODUCTION



On Thursday December 14<sup>th</sup> the water taps at State Primary School No 046411 in Karo's Doulu village were turned on. For the first time the children and their teachers had access to clean running water. As these students and teachers learned about basic hygiene, some of their older siblings and parents were busy in the nearby hillside forests conducting a transect and creating maps as part of an ESP Watershed Management Field School.

**Synergies and Linkages:** The following day, only a kilometer further up the valley, some of these same parents and children attended a Field Day gathering organized by the 'Network of Ecological Farmers of Sibayak Valley' bringing together press and media, local government, local business (Aqua-Danone), and community organizations from all along the river to promote ecological agroforestry. The lively program included composting demonstrations from Field School participants, organic product promotion, tree seedling displays, the inevitable speeches, and a climactic 'People's Theater' event

**ESP North Sumatra Integrated Sites are taking shape** from the TAHURA highlands to the Medan urban area. The new strategy succeeds in creating more coherent, delimited, and integrated programs. So far, it has proven easier to promote synergy across ESP components (HBC, POC, WSM, GIS, and WATSAN) and amongst programs run by NGOs with small grants (hygiene in schools by PPAI), public- private initiatives (Aqua-Danone), community networks and organizations, USAID Partners, and local government.

**Putting a New Strategy to work:** The first Quarter of Year 3 of ESP in North Sumatra has been hallmarked by the successful launching of the Integrated Sites strategy. This has coincided well with the re-entry of new WSM Field Assistants and the start-up activities of 5 new Small Grant programs. This strategy has allowed for a more clear focus on achieving program goals through more localized, focused efforts such as Biodiversity Conservation in upland TAHURA Bukit Barisan and in the downstream Southeast Langkat Wildlife Sanctuary. Similarly, designating Medan Urban area as an integrated site further encourages linkages across activities and joint initiatives, such as the ‘SATGAS Cuci Tangan dgn Sabun’ involving Save the Children, ESP, SWS, NGO’s and the Municipal Health Service. The integrated site strategy also promotes a shared vision across partners, and is especially helpful in fully integrating small grant programs into the ESP framework.

**This Quarter has also seen a surge in activity with PDAMs** in Karo, Langkat, and Sibolga as new local leadership has sought ESP support. In each of these locations, significant budget allocations have been made for improved clean water access and distribution efficiency.

### Update on North Sumatra ESP Integrated Sites



“Before this area was full of butterflies, especially kupu-kupu raja (*Troides* sp.), and the springs are drying up” said Masri Sunuhaji, 45, concerning the impact of ‘humus piracy’ in the area, which threatens not only biodiversity but the water supply for hundreds of thousands of persons living downstream in Deli Serdang and Medan. “But this time we want to be directly involved in any action to address the problem, not like in previous efforts where the community was merely a spectator”

#### TAHURA BUKIT BARISAN MINI-ESP

A set of programs have been launched as the initial step in for improving the management of the TAHURA Bukit Barisan Great Park. Key accomplishments this quarter include:

- A critical investigation of ‘Humus Piracy’ in the park border areas by the community organization ‘Friends of TAHURA’ with the support of small grantee NGO PALAPA (see box). This provides an entry point issue for ESP’s community based forest management program in this integrated site.
- The ‘TAHURA Water Forum’ was established, bringing together perimeter community members as a follow-up to ESP Media Relations Training activities. This forum meets on a monthly basis to discuss and analyze issues related to water.

- ESP Watershed Management Field Schools have been initiated in two perimeter villages. Sustainable livelihoods assessments are underway to generate a basis for community based watershed management planning
- Participatory Watershed Mapping training was conducted for 20 persons from perimeter communities to improve their knowledge on protected areas boundary issues.

### Lau Petani ‘Blue Thread’ Integrated Site

This site comprises village stretched along the Petani River, a major contributor to the Deli River, from its head waters in the Sibayak valley through Sibolangit in Deli Serdang. During this quarter this site has generated intensive community-level education programs mostly in the form of Field Schools (12 in total). These activities will form the basis for inter-community networks that will develop and implement watershed management plans. Key activities and accomplishments during this quarter included:



**Composting Displaces Humus Piracy**

“I don’t need to steal humus from the forest any longer” states Field School participant Hasanta Karo Sekali, 40, “I can make my own compost in 2 weeks and it is cheaper than the forest ‘compost’ that was often too ‘hot’ and took over 2 months before it could be used” he continued. “I have also quit using chemical fertilizers and pesticides, saving me Rp. 2 million per season in production costs for 2,000 chili pepper plants” he said of his new organic production methods.

- ‘Farmer to Farmer’ Water Resource Management Field Schools: the WBP (Farmer Learning Lab) of Deli Serdang in conjunction with the FMPS (People’s River Watch Forum, Sei Petani) in October launched four Field Schools on soil ecology, erosion, composting, tree nursery development, and agro-forestry in four villages in Sibolangit
- Media Relations Training in Sikeben Village focused upon water issues as the ‘blue thread’ entry point for analysis of local problems and the establishment of a communication forum.
- Sustainable Livelihoods Field Schools established by new Field Assistants in four villages along the Petani River are now actively organizing communities around local watershed issues.
- An Ecological Agro-Forestry Field Day held by the Eco-Farmers Association of Sibayak Valley. Besides gathering government agencies, NGO’s, communities, and the private sector into a forum, this event also drew solid media coverage from Lativi, BBC, Medan Bisnis, Media Indonesia, and SMART FM.
- A Mini-Baseline Survey for health and hygiene was conducted with participants from three villages targeting mothers of under-three years old children.
- PPAI small grantee conducted handwashing campaigns in schools in Sibayak Valley and Sibolangit, and in the Primary School 046411 a clean water installation was formally opened.

- A Composting and Tree Nursery Campaign was led by farmer trainers from the four Ecological Agro-forestry Field Schools in Doulu-Semangat Gunung. This included household garbage separation, tree nursery establishment, and tree planting and will be the ‘embryo’ of activities to be undertaken in collaboration with Aqua-Danone in the next quarter.
- Small Grantee OIC continued work with community tree nursery development, including a nursery with 45,000 seedlings some of which have been planted in degraded areas of Sikeben and Salabulan villages in the Sibolangit area.

### Medan Area Integrated Site

The Medan site comprises an increasingly dense network of ‘downstream’ activities in hygiene and behavior change, access to clean water for the poor, and community-based sanitation aimed toward the creation of ‘Clean, Green, and Healthy’ communities. This area also is the most active in terms of small grantee programs, with four grants ongoing. Finally, the Medan area is also the site of the USAID-ESP collaboration with JBIC in community-based waste management activity and BORDA WATSAN collaboration with the Medan Municipal government. Accomplishments and activities during the last quarter included:



**“No Plastic Trash in My Neighborhood”!**

**“The most important thing I have learned is that trash can be turned into useful things, and can become a source of income for families”, stated Ibu Elida, a key member of MAPEL, the community organization in Tembung that handles the solid waste program. “My vision is to have a trash-free community”, says Elida, who is also the Village Secretary of Tembung.**

- NGO small grantee Bis Peduli now has their plastic ‘flake’ machine up and running. This machine can process 500kg-1 ton of used plastic per day. Feeder systems are being developed across ESP locations in Medan and training for communities is being provided.
- In Sei Mati/Kampung Baru where ESP grantee JKM completed a community clean water system, the community with funding from JKM, ESP, and BAPPEDALDA have started construction of a waste treatment system for 90 households to be managed by the POKMAIR community organization.
- An Open Seminar on Hygiene Formative Research Results was held with local experts, stakeholders and media to further socialize hygiene and public health issues.
- Mini-Baseline Survey was completed in key sites in Medan for hygiene and behavior change activities.
- Localized Materials for Hand Washing with Soap were developed, produced, and utilized by ESP and partner organizations in numerous schools and community locations across the city.
- The Tembung Solid Waste Management program in collaboration with JBIC is expanding with the support of the local government while also often serving as a resource for training in other community sites. MAPEL, the community organization managing the program, officially opened its secretariat in October and built a large waste bin with its own funds.

### DAS Wampu Integrated Site

Activities are limited in this 'new' site, mainly consisting of downstream work via two NGO Small Grants to PARAS and MAP/YARL. Main accomplishments include:



**Masiah (29) is the leader of SEROJA women's alliance in Jaring Halus formed in May 2006 to pursue alternative livelihoods. This group uses non-timer forest product Jeruju plants (*Acanthus ilicifollus*) to make tea and kerupuk crackers. Both products have the approval of the local health service. They also produce VCO (virgin coconut oil). Members of the group have seen their individual incomes increase by over Rp. 150.000, per month**

- PARAS has established a women's Credit Union in the site for land rehabilitation and clean water system development. This group will manage the water system once completed. However, the recent floods have heavily damaged the area, and well drilling is temporarily halted.
- MAP/YARL continues to work to strengthen the IPANJAR community organization in Jaring Halus as they work on developing alternative livelihoods including 'mangrove tea', mangrove cakes, and improved environmentally sound fish collection devices. Discussions on plans for rehabilitation of the Co-Management area continue with BKSDA with the hope of spreading management practices to the entire 15,000 ha of the Wildlife Sanctuary.

### PDAM Programs

ESP programs in Municipal Water Supply during this quarter garnered the strong support of local government for efforts to improve efficiency, service, and distribution to a broader community. New leadership at PDAMs in Karo and Langkat have allowed ESP support programs to leap forward while also obtaining firm budgetary commitments. For 2007, a total of over Rp. 8 billion has been committed by the Governments of Langkat, Karo, and Sibolga and national sources in support of ESP assisted activities. Key accomplishments for the quarter include:

- Activities with PDAM Tirta Malem in Karo involved staff training programs in analysis and mapping of the transmission and distribution system, including the discovery and stoppage of leakages worth over Rp. 120 million per year. The ESP Municipal Finance component also provided support for a financial analysis in order to complete the Corporate Plan. The District Government is committing a total Rp. 4.5 billion in the upcoming budget from central as well as district budgets to support improvement of the distribution system and increased efficiency of service.
- The Tirta Wampu PDAM in Langkat received intensive training in analysis and mapping of the distribution system. ESP contractor IAPTI also began design activities for optimalization for water treatment plant in Pangkalan Brandan, where the local government has committed Rp. 2 billion for construction in the 2007 budget. ESP also helped map the damage to the distribution system caused by the recent flooding in northern Langkat.
- In Sibolga, PDAM Tirta Nauli secured funding amounting to Rp. 2.2 billion in the 2007 budget to support the rehabilitation of their water treatment plant. IAPTI has begun design activities for this optimalization program.

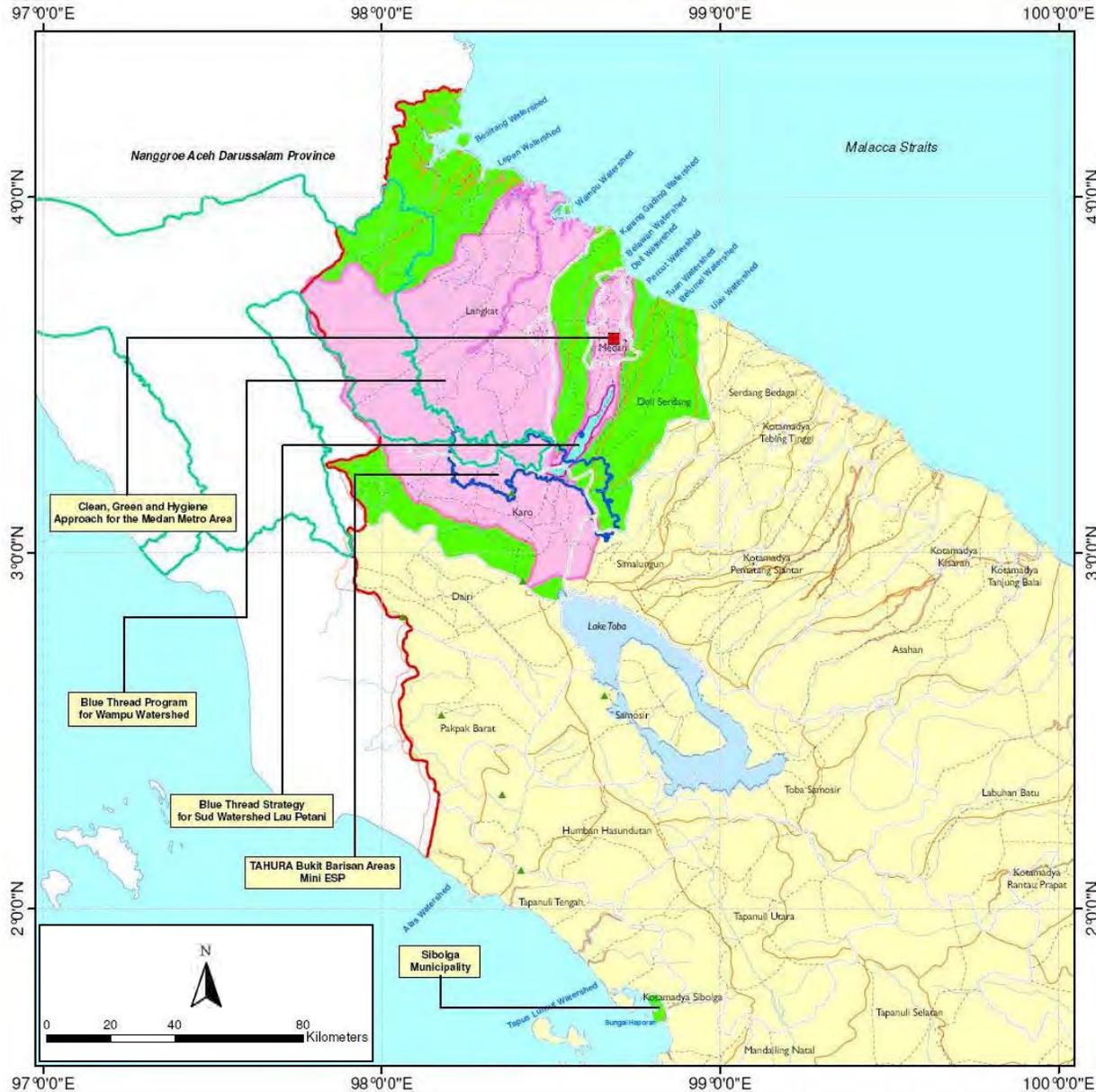
### Other Highlights

- A study on Payment for Environmental Services (PES) was undertaken by RMI on DAS Deli including meetings with key stakeholders. This study also included community level survey activities in key parts of the Deli watershed. A workshop on the concepts and possibilities emerging from the study will be held in January.
- ESP hosted a Coordination Meeting for USAID partners including representatives of DBE 1,2, and 3, LGSP, SWWS, HSP, and Save the Children to discuss concrete possibilities for collaboration in the coming work year.
- The Rare Pride Campaign managed by Yayasan Ecology Leuser (YEL) has begun activities in Singkil including initial survey work and community focus group discussions. Through workplanning meetings with ESP North Sumatra, a program plan has been established targeting the establishment of collaborative areal management plans in four villages on the border of the Rawa Singkil Nature Preserve.
- 'Socialization' and public seminar on results of the Hygeine and Behavior change baseline study with Provincial Parliament, HSP, SWWS, Save the Children, Medan Health Service, and NGO's brought partners together to review current state of the art on diarrhea management.



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## Map QPR07 North Sumatra-I. Location of ESP Integration Approach for North Sumatra Region

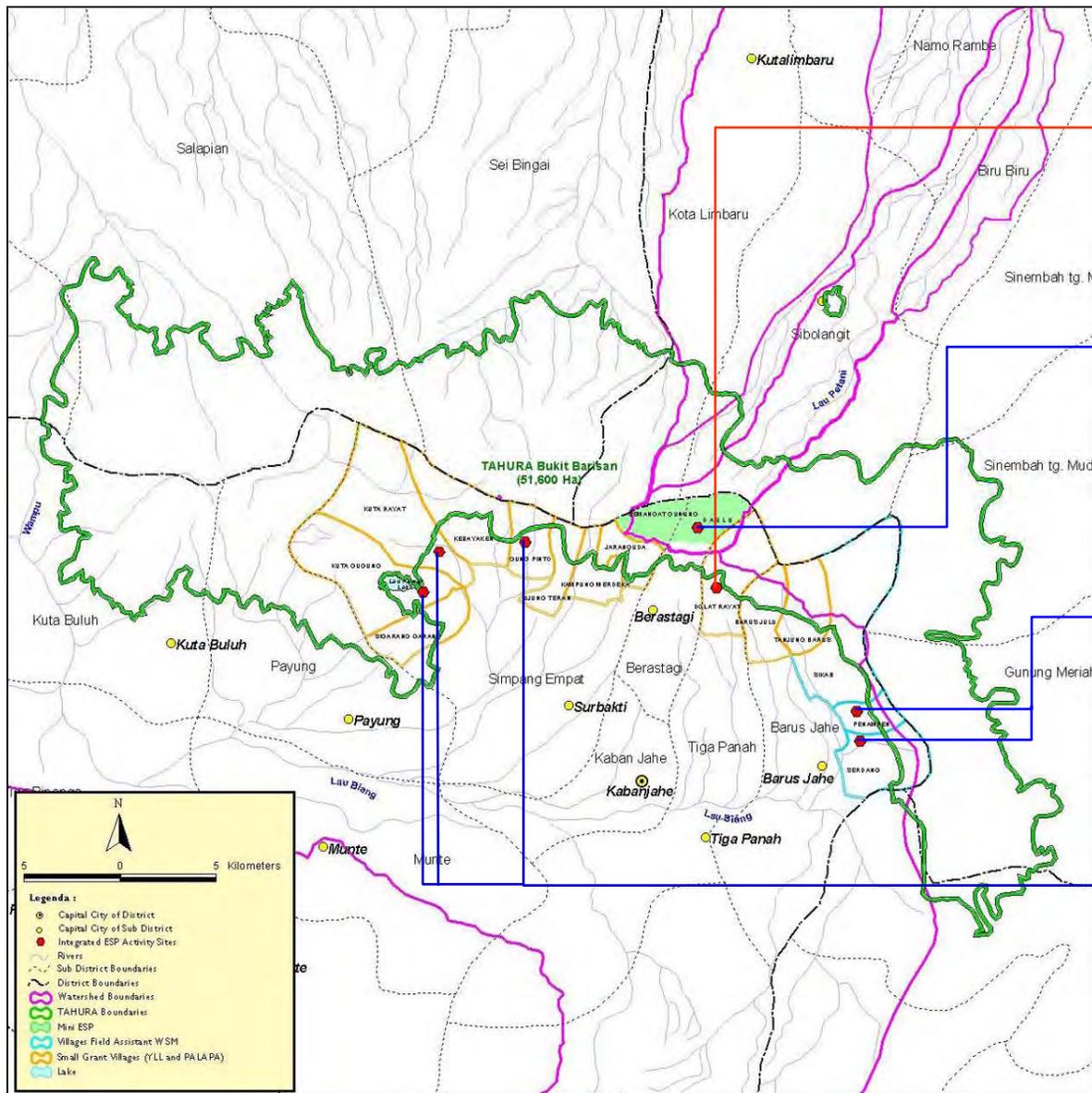


### Legend:

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







**Daulat Rakyat**

**WS2-1:** Participatory Mapping along the boundary of TAHURA Bukit Barisan



**Doulu**

**SC2-1:** School-based Campaign on Hand Washing with Soap in Primary School 04641 | Doulu and Launching of Clean Water Facilitation



**Serdang**

**WS2-1:** Field School on Trend analysis and Water testing



**Kuta Gugung & Gung Pinto**

**WS2-1:**

- First Step on Women Group Tahura Bukit Barisan
- Prepared Tahura Bukit Barisan Database
- Developed 7 Community Groups "Sahabat Tahura"



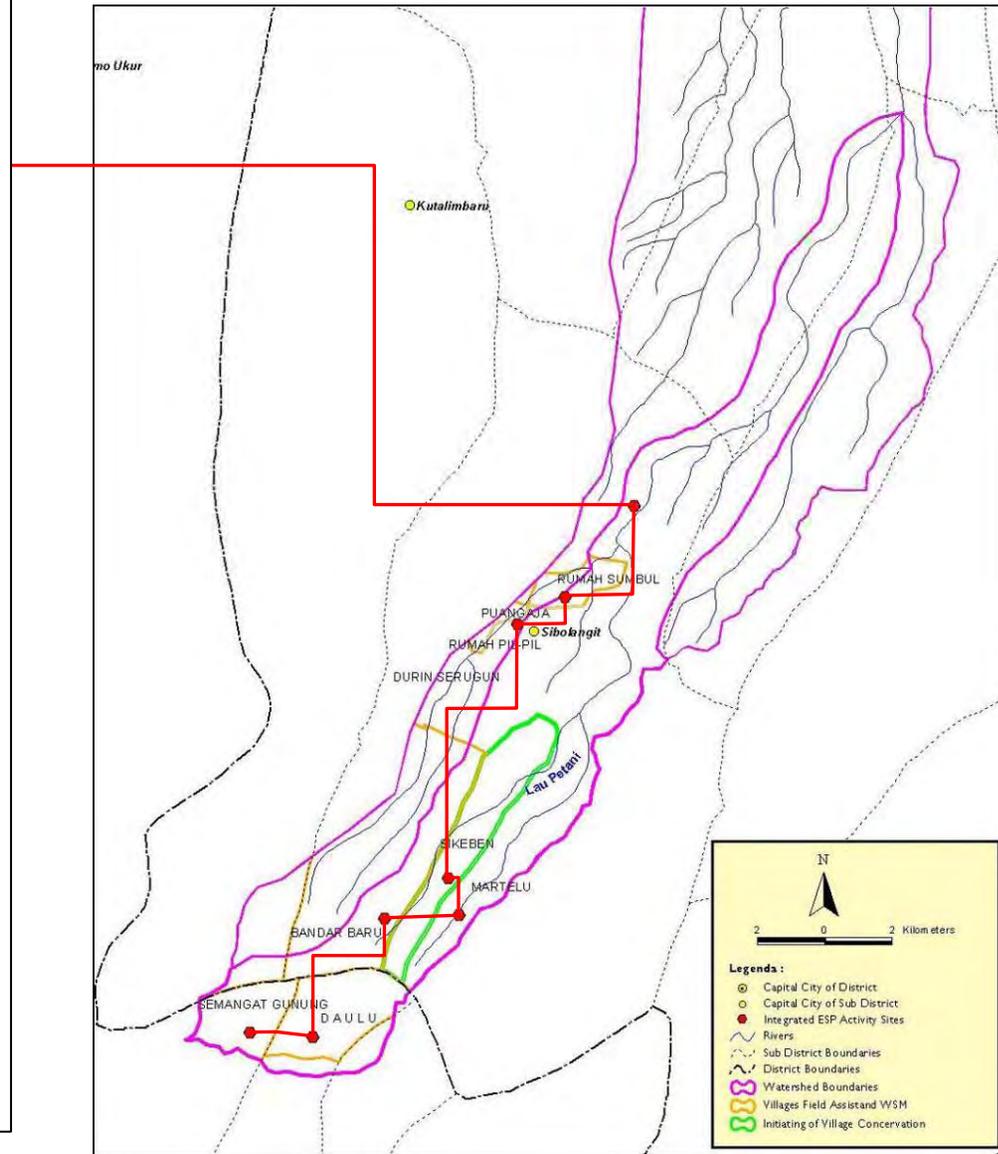
**Sayum Saba, Rumah Sumbul, Puangaja, Bandar Baru Doulu Sikeben, Martelu and Semagat Gunung villages**



**WS2-1:** Conducted the Sustainable Livelihood Assessment, including;

- Transect survey, to understand the water catchment area
- Training farmers on FFS preparation for water catchment area rehabilitation
- Training farmers on waters testing
- Training farmers on local institution analysis
- Preparation of community tree nursery

**SC 6-1:** Campaign activities by ESP partners, PPAI through school based campaign, in collaboration with students, parents, teachers & principal





## Map QPR07 North Sumatra-4. Clean, Green and Hygiene Strategy Update in Medan Metropolitan Areas

### Kelurahan Aur



**SC 2-1:** School Based Campaign on Hand Washing with Soap in Collaboration with Principle, Parents and Teachers in Elementary School  
**SC 3-1:** Community Based Campaign on Hand Washing with Soap for Parents and Children under three in Posyandu in Kota Medan

### Sungal

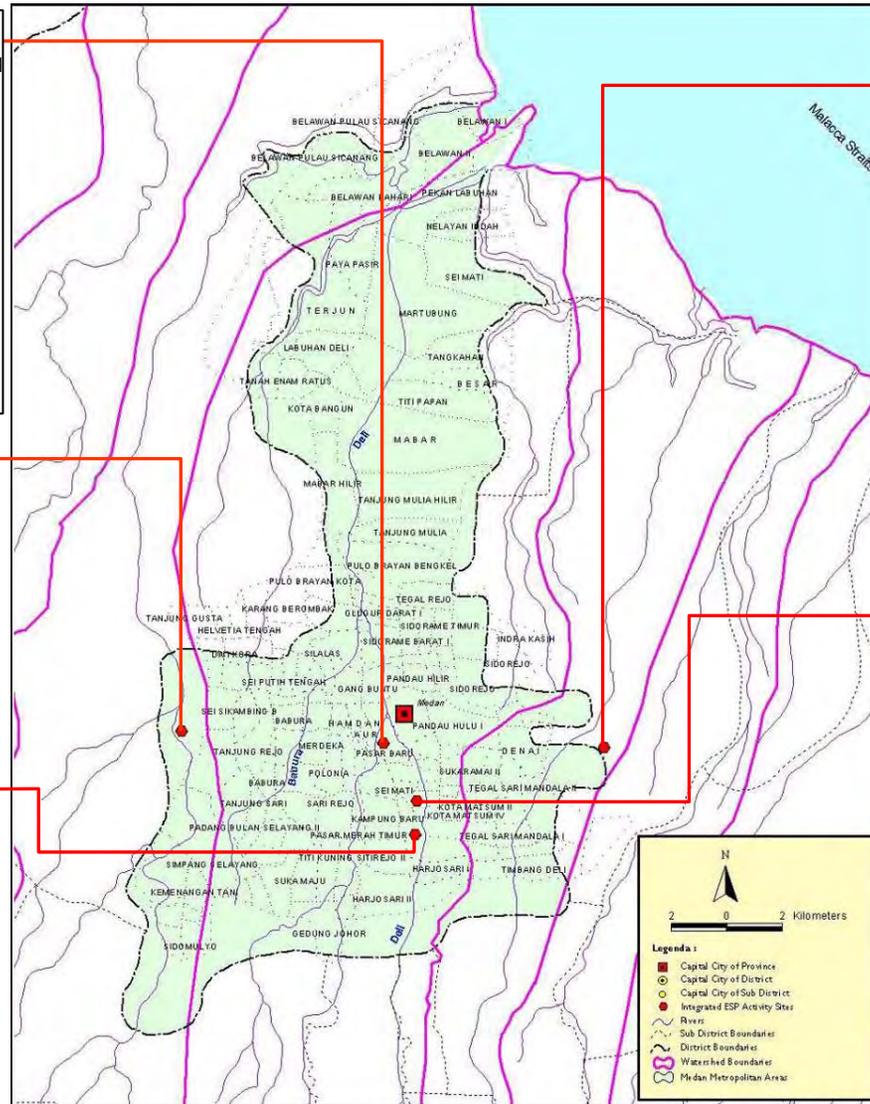


**SD 5-2:** Socialization of Community-Based Solid Waste Management

### Kampung Baru



**SC 2-1:** School Based Campaign on hand washing with soap for Grade 1 to 6 student



### Tembung



**SD 5-2:** Comparative study and on-the-job training to the community of Tembung in BIS Peduli  
**SD 5-3:** Community-Based Solid Waste Management public campaign for school

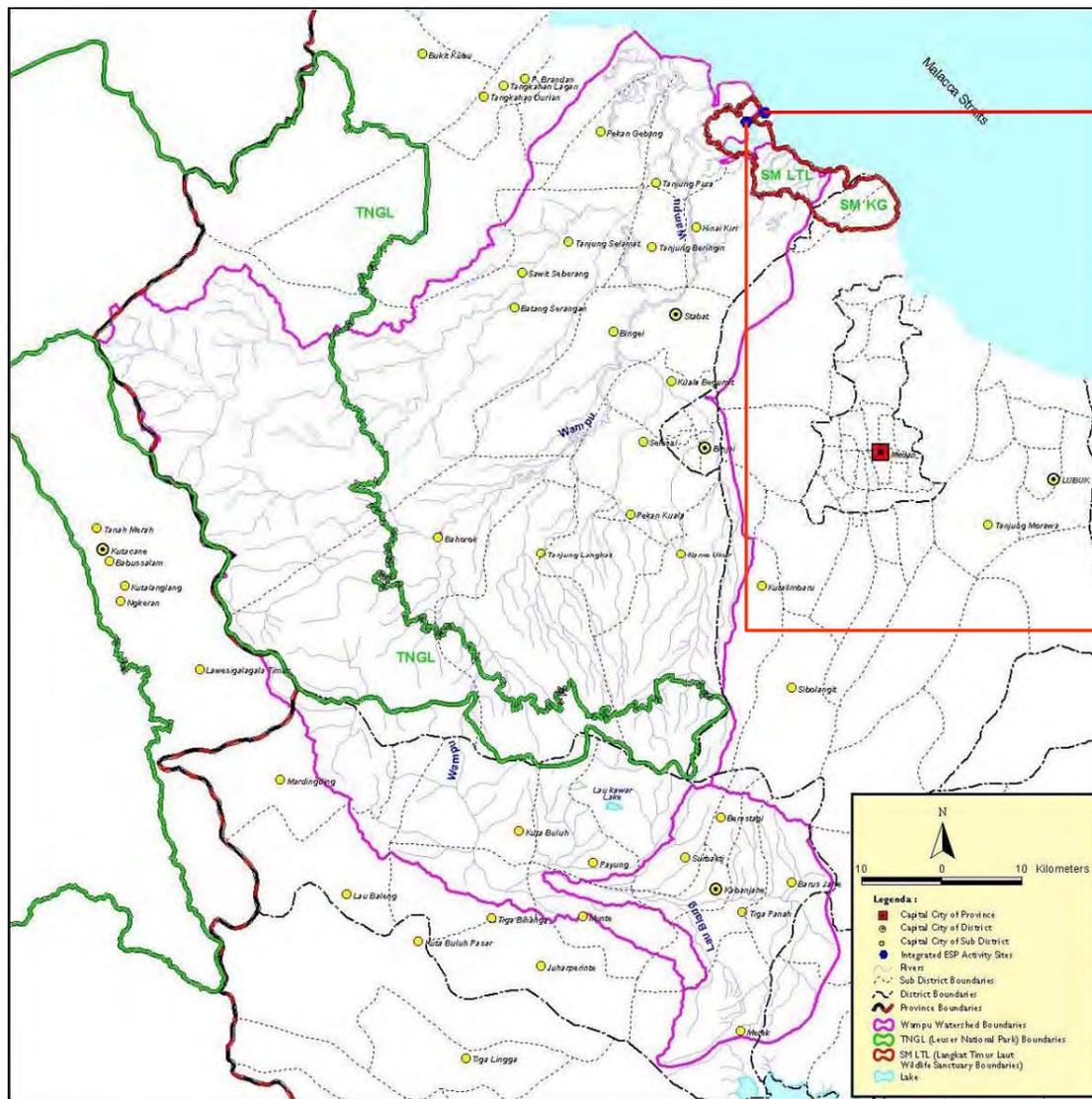
### Sei Mati



**SD 5-2:** Discussion with Community for Community-Based Sanitation Management



## Map QPR07 North Sumatra-5. Blue Thread Strategy Update for Wampu Watershed (including Karo and Langkat districts)



### Jaring Halus



**SD 2-1:** Income generating for product of mangrove, mangrove leaf tea, mangrove chips of Jeruju and virgin coconut oil

### Langkat Timur Laut Wildlife Sanctuary



**WS 2-1:** Tree Planting in Empang Paluh collaborative management area



## SECTION 2.3.

# DKI JAKARTA

## INTRODUCTION

This Quarter, the ESP DKI Jakarta program strengthened and deepened its on-going activities along with its partner organizations. Notable accomplishments have been completed in terms of both technical and physical improvements as well as engaging relevant government agencies to be officially committed to support the activities.

Work with Quarter has focused on three important USAID integrated sites: Petojo Utara, Penjaringan and Desa Kalijaya, Bekasi. Petojo Utara, Central Jakarta, is a showcase site demonstrating significant achievements. In Penjaringan, especially with the support of North Jakarta Mayor, Mr. H.M. Effendi Anas, activities conducted in collaboration between the local government and non-government under the HP3/IDRC program or Program Lestari (Lingkungan Sehat, Masyarakat Mandiri) are progressing well. In Dusun Wangkal, Desa Kalijaya, Bekasi District, ESP is working with DAI, JHU/SWS and the Coca Cola Foundation Indonesia (from Coca-Cola System Indonesia) to implement the Community Watershed Partnership Program (CWPP), Cinta Air (Love Water).

ESP DKI Jakarta worked hand-in-hand with ESP Strategic Communication team in conducting campaign and training activities. In November, the second phase of *Save Our Water 2006* campaign for the commemoration of World Water Quality Monitoring Day, organized by Forkami, was successfully implemented. Also in November, ESP supported training on Health and Hygiene mini-baseline data collection for Posyandu cadres in Petojo Utara and Jembatan Besi.

As part of its support for ESP national initiatives, ESP DKI Jakarta is developing a training module and material for Community-Based Solid Waste Management together with Strategic Communication team. This module will be very useful for a wide-range of stakeholders, from donor agencies as advocacy material to community cadres and facilitators as guidelines and as a training kit.

This Quarter, ESP DKI Jakarta has also supported its partner organizations' activities on water and sanitation issues. This includes the provision of technical assistance and training on composting for communities in one of Mercy Corps working site, Krendang, in West Jakarta.

## INTEGRATED ESP SITES:

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

Following up on the MOU agreement signed on July 12, 2006 between ESP and Mercy Corps, the HP3/IDRC program was officially launched by the Mayor of North Jakarta, Mr. H.M. Effendi Anas, and Director of Urban Poverty and Environment for IDRC, Mr. Naser Faruqi, on December 4, 2006.

This momentous event was attended by representatives of three communities in Kelurahan Penjaringan, where the program is conducted. It was recognized that the proposal submitted by Mercy Corps with support from ESP, URDI and Swiss Contact was ranked second out of one hundred proposals sent from around the world to IDRC. Only 8 cities in the world received awards from IDRC Urban Development Program: Jakarta (Indonesia), Colombo (Sri Lanka), Kampala (Uganda), Dakar (Senegal), Moreno (Argentina), Cochabamba (Bolivia), Lima (Peru) and Ariana-Soukra (Tunisia).

HP3/IDRC program was started in June. During the last three months, the City Team, consisting of representatives of Mercy Corps, ESP, URDI, Swiss Contact and North Jakarta Planning Agency (BAPEKO), completed the initial baseline data research phase. Community profiles based on transect walks as well as government outreach were documented. Information on water supply, sanitation and solid waste was also collected and analyzed. As a result the Team has identified solid waste management as the first pilot project for this program.

By the end of the Quarter, the Team facilitated the development of a community action plan, with development priorities and program outcomes along with the formation of a community action committee. Currently, training manuals and modules to help empower the local community is being developed. Additionally, 450 household surveys to help understand the economic and livelihood strategies related to environmental behavior, in partnership with University of Indonesia, are being conducted.

The Team was also active in participating in important international conferences and workshops. This includes the World Urban Forum in Vancouver (Canada), the International Conference on Urban Environment in Semarang, and the Outcome Mapping Workshop in Colombo (Sri Lanka).

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

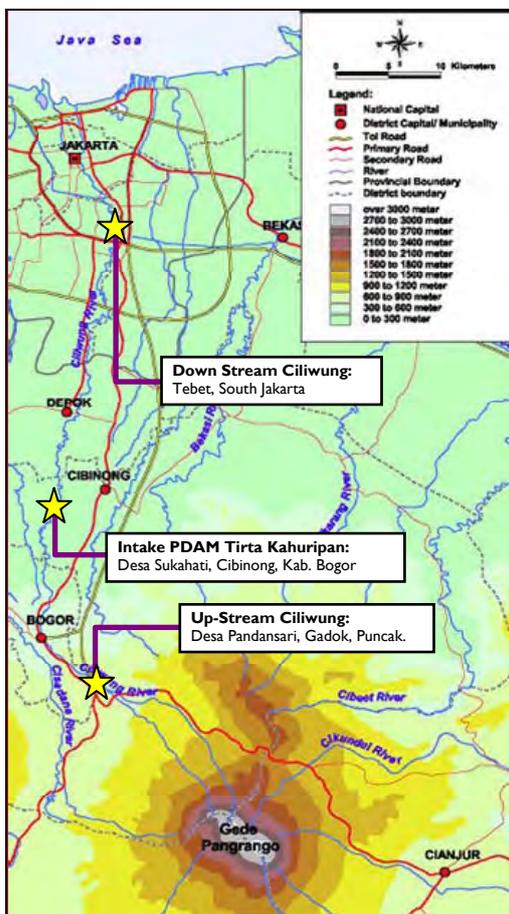
Field activities of CWPP/GETF Program, known locally as *Cinta Air*, expanded significantly this Quarter. Visible progress on the ground include water well improvements and integrated implementation of the *Clean Water, Healthy Life Campaign*.

Program design and community engagement activities continues early in the Quarter, with a Knowledge, Attitudes, and Practices (KAP) survey done in close collaboration with the target community in order to ensure project inputs would have meaningful impact. A very significant milestone this Quarter was the improvement of public shallow wells. The community worked together to rehabilitate the structure of 22 shallow wells that were identified to be in very poor condition, benefiting 295 families or around 1,521 people with better access to improved water quality.

One of the wells that was rehabilitated is the main source of water for Mrs. Kasmih, a widow who has lived in Dusun Wangkal for most of her life. This is the first time that she and those living in the other eleven households that share this well have an improved well with improved water quality. Before construction, the well was totally unprotected, open at ground level without any protection rings. This meant that the well was exposed to contamination from the run-off water, drainage systems and other domestic activities. The new rings restrict waste water and other effluents from draining into the well. The rings also make the well safer for children when they are bathing or collecting water, as it is harder for them to fall in.



**Photo credit: Nur Endah Shofiani & Eka H. Setiawan/ESP Jakarta**  
**Photo caption: Condition of Mrs. Kasmih’s well before (left) and after improvement (right). The well improvement benefits twelve households that share the use of this well. The surrounding area around the well is no longer filled up with garbage and stagnant water from the non-functioning drainage system. This is one of 22 wells improved this Quarter.**



**Map Credit: Sabdo Sumartono/USAID-ESP**  
**Map Caption: Transect Route from Upstream to Downstream Ciliwung during peak event as part of ‘Save Our Water 2006’ campaign.**

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

*Save Our Water 2006 Campaign*

To support the implementation of MMC 6 “Clean Water for better health”, ESP supported FORKAMI to implement the “Save Our Water 2006” campaign, as a commemoration to World Water Quality Monitoring Day. The event was also supported by New Zealand Aid and PT. Thames PAM Jaya. The campaign implemented over 3 months involved communities, school, photography contestants and journalists, with its peak on November 19, 2006. The culminating event was held along the banks of the Ciliwung River, and included the Director P2ML – Ministry of Health, I Nyoman Kandun and a senior Ministry of Environment Representative. This event was well covered in the Jakarta media, through at least 14 stories in print and electronic media sources.

During the event, a total of 120 community members (men and women) from 3 Kelurahan (Cawang, Balimester and Kebon Manggis) participated in Community Awareness Raising on Water Quality, while 45 students from SMPN 115 Jakarta participated in a transect walk and water quality testing from upstream to downstream along the Ciliwung River. The testing started in the upstream Gadog, Puncak and ended in Ciliwung in Tebet, South Jakarta. Water quality was also tested at the intake of PDAM Tirta Kahuripan Kabupaten Bogor.

## OTHER HIGHLIGHTS

### Mrs. Rini Sutiyoso goes to Petojo Utara



**Photo credit: Aman Tirta/Jakarta**  
**Photo caption: Mrs. Ela Irwansyah, a Posyandu cadre explains how to use a household composter and how it benefits the community in reducing the amount of garbage that goes to community temporary disposal site nearby to Mrs. Rini Sutiyoso, wife of Governor DKI Jakarta.**

On the bright, sunny day of November, Mrs. Rini Sutiyoso, wife of Governor DKI Jakarta, Sutiyoso, along with Mr. H. Muhayat, Mayor of Central Jakarta District and wife, Mr. H. Junaidi, Camat Gambir and wife, and Mr. Suhardi Masdar, Lurah Petojo Utara and wife, visited Posyandu of RW 08, Kelurahan Petojo Utara. ESP worked with Mercy Corps, HSP and SWS, helped to support this VIP visit.

During the visit, Mrs. Sutiyoso was very impressed with the level of community awareness regarding environmental health issues, especially for mothers and children under five, and that the community has made remarkable progress to improve the health of these target groups.

### Inauguration of Improved Shallow Groundwater Wells

The Cinta Air Program conducted a community inauguration of shallow well improvement activities in Kampung Wangkal, Desa Kalijaya, Bekasi District on December 17, 2006. The event was designed to boost community participation and ownership of the program, and to gain greater support from the local government. The Managing Director Coca-Cola System Indonesia and USAID Mission Director were there to witness the celebration.

More than 440 people were involved in activities and exposed to campaign messages, with local teens as activity mobilizers. Support from all levels of the community and Cinta Air partners made this an especially successful event.



**Photo credit: CCFI/Jakarta**  
**Photo caption: "Hurry.. hurry.. we need to pick up more garbage" a children remarks during the group walkathon to collect garbage.**

## Map QPR07 Jakarta-I. Location of ESP Integrated Approach for DKI Jakarta Region

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



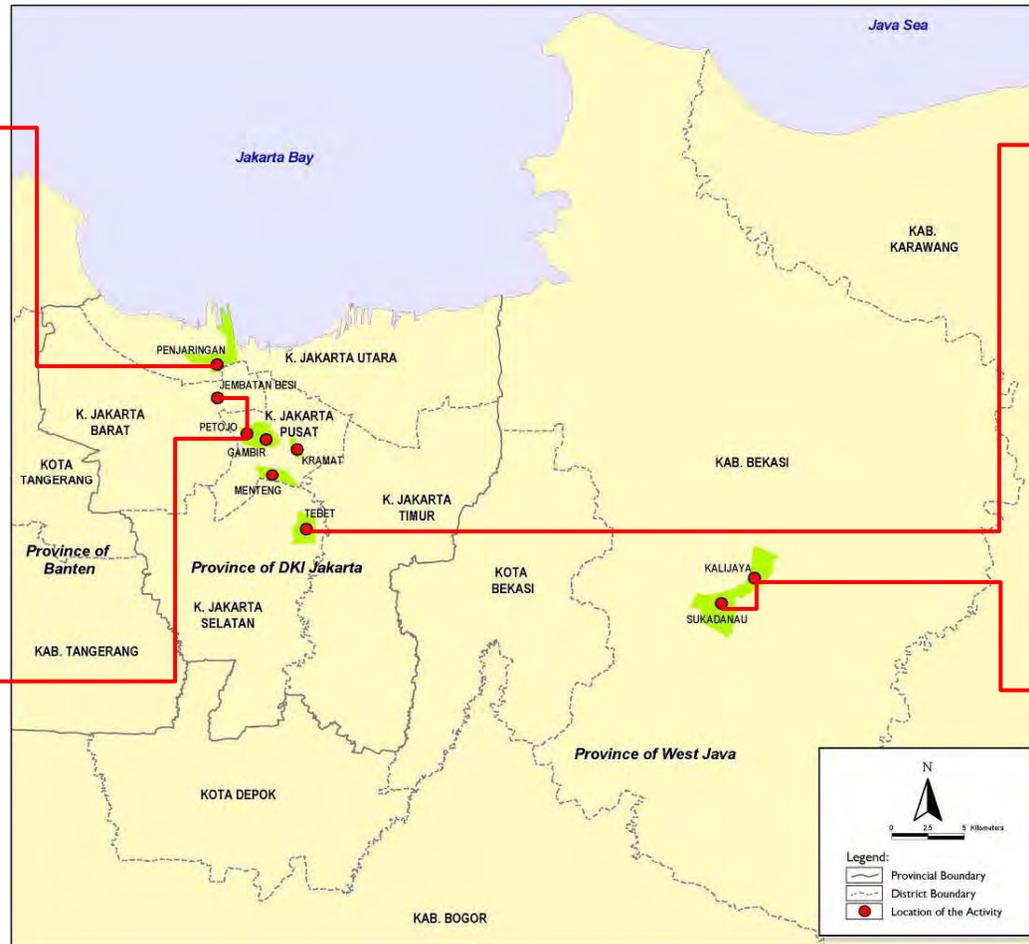
HP3/IDRC Program was launched by Mr. H.M. Effendi Anas, Mayor of North Jakarta Municipality on 4 December 2006. The first and critical 6-month research phase was completed, Community Profiles and Maps and Desktop Review on water supply, sanitation and solid waste have been

documented

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



- Mrs. Rini Sutiyoso, wife of Governor Sutiyoso and Mr. H. Muhayat, Mayor of Central Jakarta Municipality visited Posyandu activities in RW 08 Kelurahan Petojo Utara
- ESP conducted Posyandu cadre training for mini-baseline data collection on health and hygiene



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



ESP supported FORKAMI to conduct "Save Our Water 2006" campaign which resulted in 3 months of activities in designated communities and schools. The peak event on 19 November conducted at Ciliwung River bank attended by students, government representatives, and journalists

### USAID Anchor Site in Cikarang Barat, Bekasi



Cinta Air Program conducted a community inauguration at Dusun Wangkal, Desa Kalijaya. It was designed to boost community participation and gain stronger recognition and partnership from local government. Managing Director Coca-Cola System Indonesia and USAID Head of Mission were there to witness the celebration



## SECTION 2.4.

# WEST JAVA

## INTRODUCTION

Throughout the Quarter, the West Java Team focused on consultation and implementation of Workplan activities with our ESP partners including PDAMs, local government agencies at the provincial and district levels, NGOs, community groups and others. Continuation of work in Sub-watershed or Sub-DAS Cikundul-Cilaku in Cianjur and Sub-DAS Cileleuleuy-Cilamatan in Subang, moreover, resulted in several mass tree planting events with excellent community cooperation. Start-up activities in Bandung included an assessment identifying the six villages of Suntenjaya, Wangunharja, Cibodas, Mekarwangi, Langensari and Cikidang as potential Field School locations for the current Quarter and beyond.

In the October-December period, ESP prioritized support to the PDAMs in Subang, Cianjur, Kota Bogor and Kab. Bogor. Three MOU agreements were signed between several PDAM offices and Bank BRI to enable the micro-credit financing of household water connections. The director of PDAM Cianjur agreed to implement the findings of a tariff reclassification survey and divide an existing category of household connections into three, thus paving the way for cross-subsidies. PDAM Cianjur is expected to contribute up to 60% of the total cost and ESP could provide the remaining 40%.

The objective of the Quarter's Multi Media Campaign (MMC) was to disseminate the major findings of health and hygiene behavior change formative research conducted in May-June 2006. The research topic on health and hygiene behavior of the poor directed the creation of the media campaign's message, "Stop Fecal-Oral Transmission". ESP's partners from local NGOs, activist organizations, and journalist associations were involved in the media campaign under the direction and supervision of the POC. The mainstream media in West Java exposed the breadth and reach of ESP's work. ESP made headline news in major newspapers and was featured on live B-TV talk shows broadcasted during the prime time of 21.00-22.00 as well as on the RRI Pro IFM interactive radio talk show. In addition, full collaboration with the HH communication specialist and its coordinator improved the comprehensiveness of the new strategy for the behavior change campaign.

During the quarter, the POC made special efforts to ensure the quality of the MMC. Using a comprehensive approach, the POC held presentations and distributed fact-sheets and other campaign materials to a variety of print and broadcast media, targeting influential radio stations, newspapers and TV channels. The POC invited experts to a round-table discussion with journalists as well as NGO activists, and conducted outreach road shows. The POC also organized a field trip to one of ESP's integrated sites, Mekarjaya, which led to excellent coverage in the local media.

The following describes in detail the quarter's activities at each integrated site:

### Blue Thread in Sub-DAS Cikapundung, Bandung

ESP started the development of this new, integrated, site with a site selection process based on overall ESP indicators. ESP then initiated relationships with an existing WSM forum and identified related stakeholders, bringing together around 13 local government institutions, 9 local NGOs and 2 community groups. This includes *Koalisi Bandung Sehat* (KUBUS), *Forum Bandung Sehat* (FBS) and *Gugus Kerja Good Governance* (GKGG); and from the private sector, KPSBU, Perhutani and Indonesia Power. This will form the basis for WSM Forum and Planning activities, and ESP

anticipates the commencement of WSM Field School activities in the near future. It should be noted that selecting sites for WSM Field Schools is proving difficult. While there is extensive once-forested critical land in need of rehabilitation, there is a very high financial incentive for farmers to continue with vegetable production to meet the demands from Bandung and Jakarta. Financially, farmers earn more money on a more regular basis growing vegetable crops. Identifying areas and partners for agroforestry is difficult.



**A group of posyandu cadres develop action plan on behavior change**

Health & Hygiene is operational in Tamansari, a community located along the Cikapundung River. In collaboration with the Coalition for a Healthy West Java (KUJBS), H&H conducted a refresher course for *posyandu* cadres and community leaders from RW 15 and 20. Since Health & Hygiene had operated in the location before, promoting an ad hoc campaign on hand washing with soap, the latest activity was meant as a review on the importance of preventing diarrhea among children under three years of age. 20 women, most of them from the local *posyandu* and PKK, and 2 men participated in this activity.

Health & Hygiene also held participatory training for 4 Tamansari *posyandu* cadres and 6 Wangunharja *posyandu* cadres on diarrhea and hygiene behavior monitoring in households with children under the age three years.

Beside Health & Hygiene work, Community Solid Waste Management has also become active in Tamansari. It is collaborating with KUJBS to train residents from 2 RWs on methods of selecting organic matter from garbage for composting. Soon there will be a campaign on keeping Cikapundung River litter-free, with the hope that residents will stop throwing garbage into the river.

### Blue Thread Strategy in Sub-DAS Cileuleuy-Cilamatan, Subang

The theme of the multi-stakeholder developed Cileuleuy-Cilamatan Sub-watersheds Action Plan was 'watershed management based on *Gotong Royong* to promote environmental sustainability in the year 2007'. Field action followed the event as participants planted 20,000 trees on 54.4 hectares of land with the support of PERTAMINA and the Subang Forestry District Office.

In Cijambe, CBSW and WSM collaborated on a field school related to water quality and quantity, and staged a comprehensive behavior change intervention that also promotes community participation. Another goal of the field school was to obtain a comprehensive picture of environmental health, solid waste management and water source protection in the area. It attracted participants from 24 communities. Health & Hygiene conducted participatory training on diarrhea and behavior monitoring, moreover, for 6 Cijambe *posyandu* cadres. It began with a presentation on fecal-oral transmission and hygiene concerns, followed by a 10-minute Q&A session.

### Anchor Sites in Cikundul and Cilaku, Cianjur

On December 5, 2006, the Cikundul Sub-watershed Community Network (JAMPEDAS) of Cianjur District facilitated a *gebyar tanam* (mass planting action) in Barudawa Hill, in the village of Sukanagalih. The project covered about 20 hectares of land, on which 7,000 trees of 8 different species were planted with the involvement of about 160 communities from 5 villages in the area. The Cilaku Sub-watershed Community Network (FORESTA) facilitated a similar *gebyar tanam* with the participation of 240 farmers. They planted 20,000 trees of more than 20 species on about 60 hectares of degraded lands in 8 villages, including locations such as riverbanks, roadsides, unproductive gardens, and pathways in and around paddy fields.



**Fecal oral transmission: a key concept to prevent diarrhea**

Ngarak is an important ESP village in the Cikundul-Cilaku Sub-watershed in Cianjur. Health & Hygiene began its work there with an initial meeting with community leaders to assess possible means of intervention. A history of using a traditional musical instrument, the *calung*, as a way of informing the public exists in parts of West Java and the art form is alive in Ngarak. Musical theatre is thus a potential medium through which the importance of hygienic behavior, such as washing one's hands with soap, can be communicated to residents. Community leaders tend to cooperate on diarrhea

prevention through behavior change intervention in the villages.

On December 14-15, 2006, Health & Hygiene held a participatory training session for 6 *posyandu* cadres on diarrhea and hygiene behavior monitoring. Village midwives and the Forum for a Healthy City (FKS) were also in attendance.

Health & Hygiene is collaborating with FKS (Forum Kota Sehat) Cianjur with the hope of receiving support from related local institutions and achieving better results. FKS has implemented CB solid waste management with success in Ngarak, due in part to its rapport with Dinas Kesehatan (Health Department) and the Cianjur district government.

### **“Clean, Green & Hygiene” in Mekarjaya, Bandung**

According to formative research results, good hygiene is not yet common practice in Mekarjaya communities. Residents drink untreated water directly from the water source, use sub-standard latrines and do not wash their hands frequently or with soap. At the ESP office, on November 29-30, 2006, Health & Hygiene held a participatory training session on diarrhea and hygiene behavior monitoring for 2 *posyandu* cadres from Pasir Pendeuy hamlet.



The water supply quality in the Pasir Pendeuy hamlet was found to be poor, containing an iron concentration of around 1,2 mg/liter higher than the accepted standard. Residents are served by a spring that has a production capacity of 0.04 liter per second, which does not meet the daily demand, thus forcing some to use another source of water. At present, the hamlet also lacks a water treatment system.

**“Think Nationally, Act Locally” in Cikundul and Gede Pangrango National Park**  
 ESP, in support of the Indonesian Ministry of Forestry (MOF), provided training for 60 facilitators at Taman Nasional Gede Pangrango (Gede Pangrango National Park) to develop a village conservation model for 20 other national parks in Indonesia.

The Participatory Forest and Land Rehabilitation (RHLP) is a joint effort between ESP, MOF, Bogor Agricultural University (IPB) and the Cianjur district government. Using ESP field techniques and with the participation of 5 farming groups from the Sukaresmi Sub-district, planting has begun on 11 hectares of degraded lands. As a national field exercise, the project is being recorded for future use as input data in any decision-making process that will determine national policy on forest and land rehabilitation.

### **PDAM Institutional Development Program**

At present, PDAM’s household customers in the Cianjur District consume water through 22,000 connections. To facilitate the introduction of cross-subsidy between customer classes, PDAM Cianjur agreed to reclassify its household customers into three categories. All PDAM department heads who acted as principals in the creation of the agreement familiarized themselves with the program and will be explaining the details to their staff before the program is introduced to the customer. The estimated budget for this activity is approximated at Rp. 80 million; PDAM will submit Rp. 45 million and ESP might contribute the remaining Rp. 35 million.

### **PDAM Kab. Bogor Bond Issuance**

PDAM Kabupaten Bogor provided PT. Danareksa with a mandate letter to arrange the financing of the planned capital expansion. Between October and December 2006, the bond issuance plan was introduced to the Supervisory Board and PDAM’s key personnel. During this period, PT Danareksa also presented the result of the review of PDAM Kab. Bogor’s financing plan and structure. WSM and PDAM’s technical staff conducted a preliminary survey followed by detailed investigation of the feasibility (in terms of quantity and quality) of PDAM Kab. Bogor’s water sources. To select a credit rating company, the Municipal Finance Office invited Fitch Rating Indonesia, Pefindo, and Kasnic Rating Indonesia to submit their credit assessment proposals.

### Micro-credit financing of low-income water connections

To receive micro-credit facilities, PDAM Kota Sukabumi and PDAM Kab. Subang signed an MOU agreement with, respectively, the Sukabumi Bank BRI branch office in November and the Subang Bank BRI branch office in December 2006. The staff of PDAM Kab. Bandung, PDAM Sukabumi and each relevant Bank BRI branch office underwent training to prepare for the micro-credit financing scheme.

### Debt restructuring

MOF issued its technical guidelines for the debt restructuring procedure, allowing the processing of the debt rescheduling proposal of PDAM Kota Bogor to commence. MOF also presented the program to water utilities and local governments at an event held in Jakarta. As a result, several PDAMs in West Java have requested ESP to assist them in preparing their proposals. ESP visited the PDAM offices in Kota Sukabumi, Kota Bandung and Kab. Purwakarta to discuss the follow-up on the preparation of the debt restructuring proposals.

### OTHER HIGHLIGHTS

- **Supporting the Gebyar Tanam Through Cooperation with Ulama and Local Leaders:** The Public Outreach and Communications (POC) group developed a simple strategy to support watershed management activities in the Cianjur District. ESP is working together with ulama and local leaders from each village involved in WSM's *Gebyar Tanam* or "Planting Bonanza". From September to December 2006, ulama from 13 villages were engaged in *sarasehan* or informal meetings and began active involvement in the *gebyar tanam* events held in their respective communities.
- **K3A as ESP's Local Partner:** K3A has been supported by a number of leading newspapers in its efforts to provide and spread information about ESP's water management issues/programs. As our local NGO partner in West Java, the group is well-equipped to popularize relevant issues, maintain communication channels and organize public outreach campaigns. Its activities have been covered by local media and it is growing to become a trusted environmental journalism resource. K3A contributed to the success of the latest MMC as ESP's formative research findings were made public through its regular round-table discussions.
- **A Study of the Hydro Pump:** Adequate for rural water supply networks, the hydro pump uses water's mechanical power instead of electric or diesel power to deliver clean water. Operating on hydropower provided by a waterfall, the pump has met with success in the Subang District, fulfilling the clean water demand of residents in Cikujang and Bunihayu. Both villages have become learning models for other communities. In November, 10 leaders from Padaluyu, Sukatani and Sukanagalih villages in Cianjur traveled to Cikujang and Bunihayu to become acquainted with the system and begin planning its implementation in their own communities.

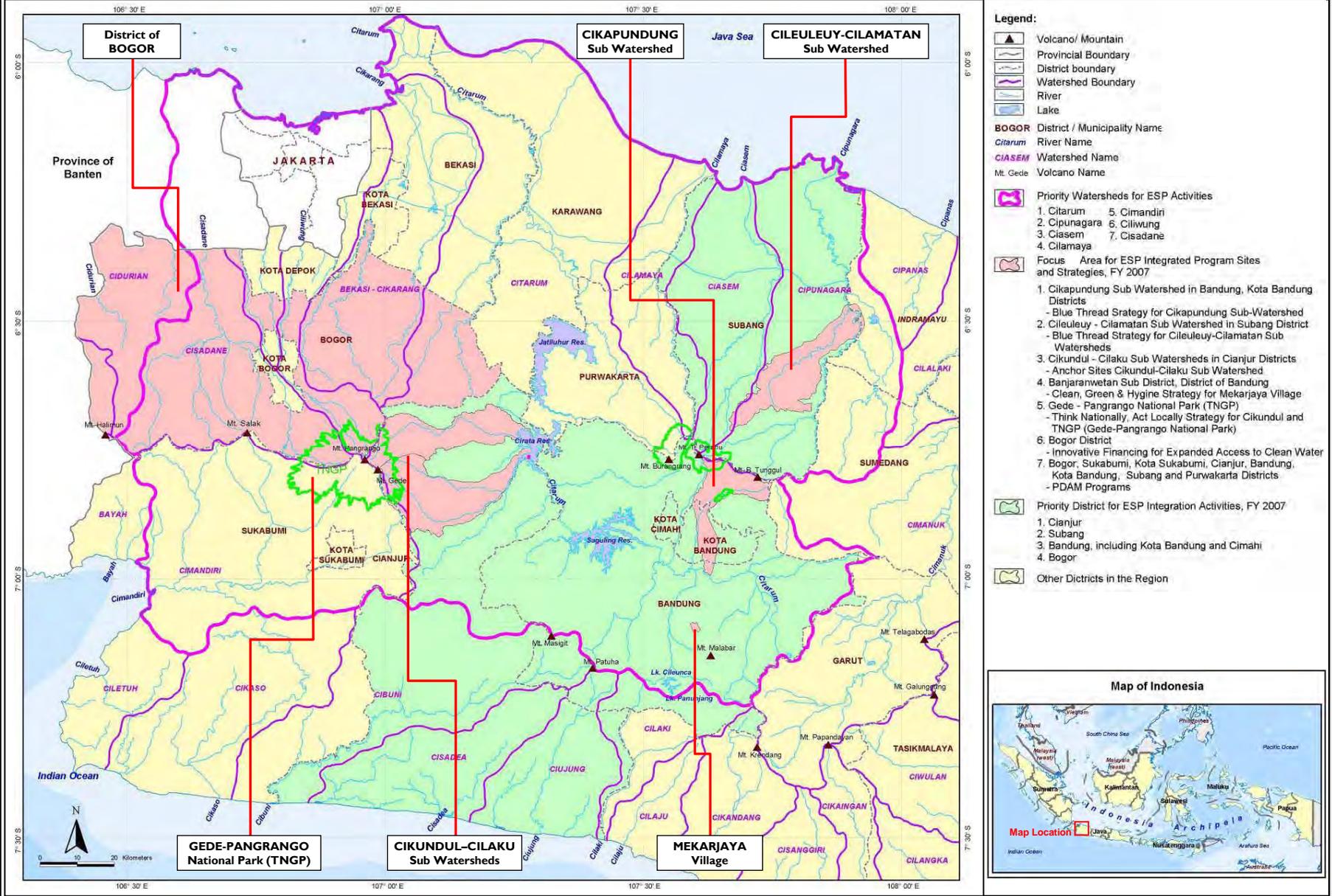






**USAID**  
FROM THE AMERICAN PEOPLE

## Map QPR07 West Java-I. Location of ESP Integration Approach for West Java Region





**Cikapundung Sub Watershed**

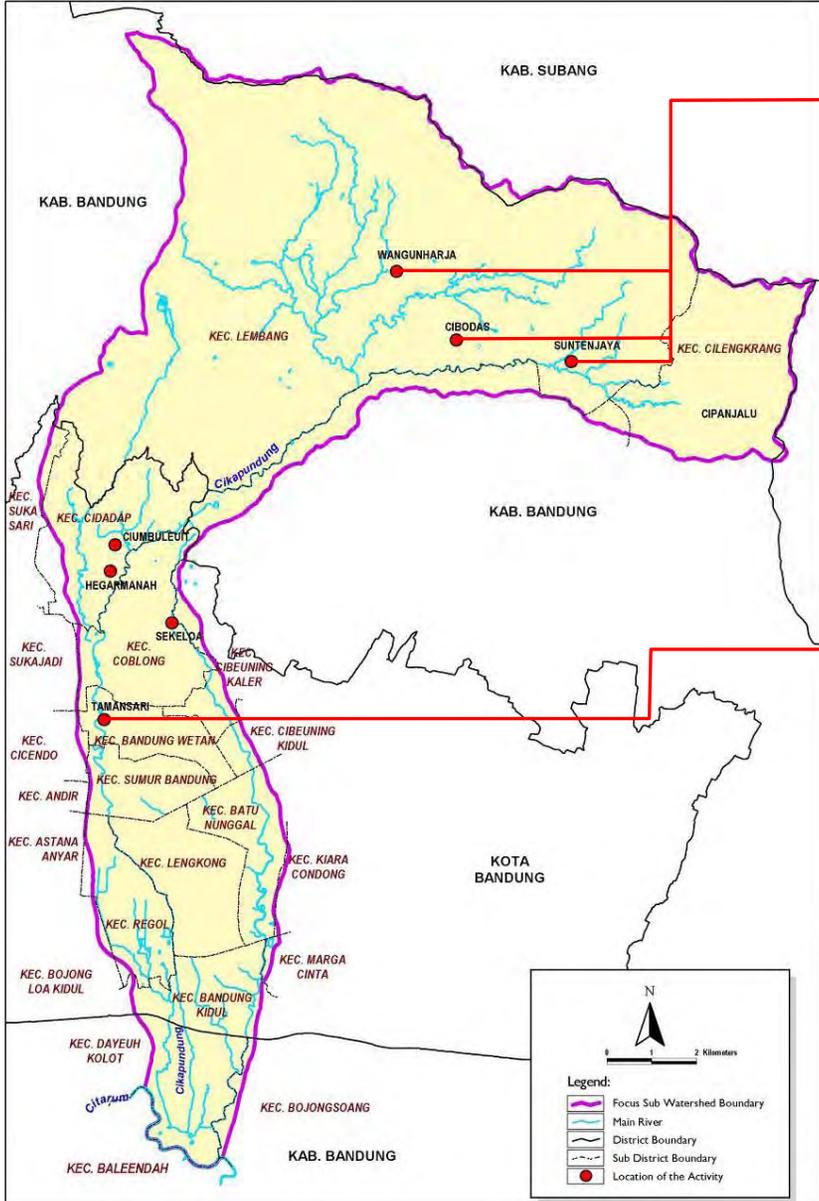


**WS 1-3:**  
Discussion with the Dinas Pertanian Kab. Bandung on the Identification of multistakeholders



**SC 4-1:**

- Discussion with West Java journalists on the subject of Health and Hygiene behavior of the poor in Indonesia
- Facilitated live-air interview and talk-show between journalists and local people



**Wangunharja, Cibodas & Suntenjaya**



**WS 2-1:**  
Starting Field School implementation including the selection of participants



**Tamansari**



**SC 3:**  
Posyandu cadres and community leaders develop an action plan on hand washing with soap



**SD 5-2:**  
Socialization Community-Based Waste at Schools as of small grant



**Ranggawulung**

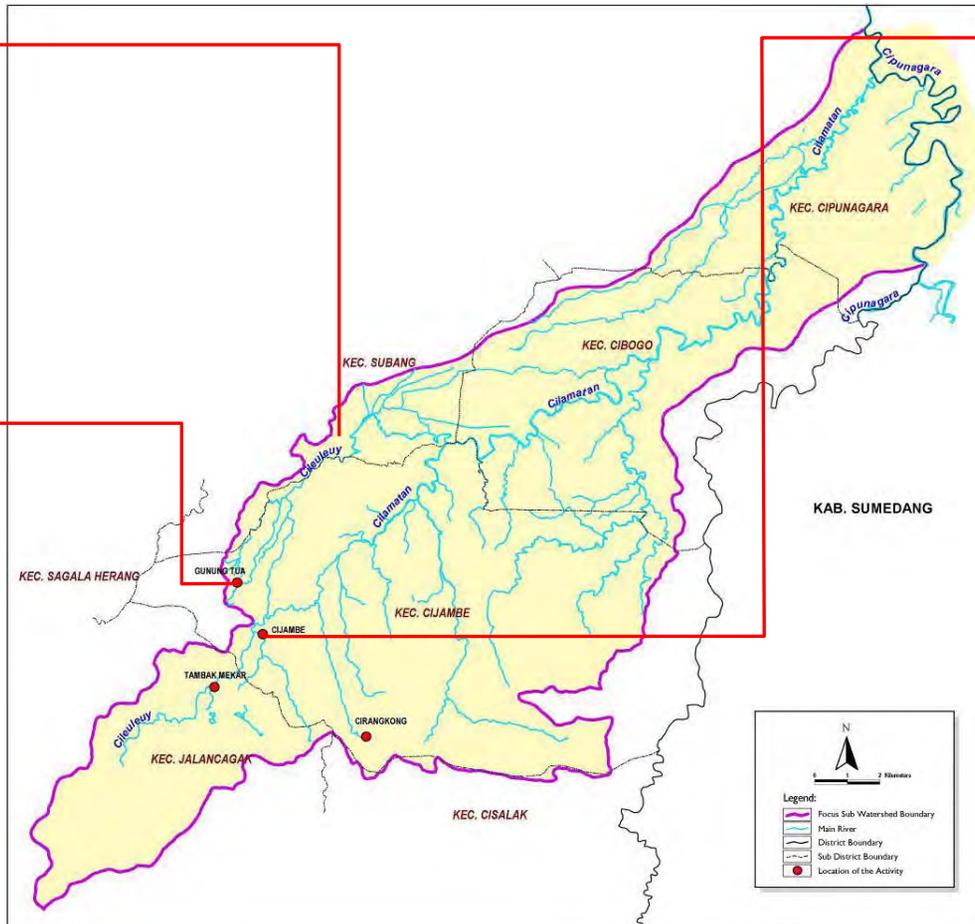


**WS 1-3:** Regreening implementation in Hutan Kota Ranggawulung by multi-stakeholders

**Gunung Tua**



**SD 5-2:** Redesign Waste Water Treatment Installation and pipe service from household in Cileuleuy



**Cijambe**



**WS 2-1, SC 2 & SC 3:** Group discussions during field implementation



**SC 3:** Hygiene field school: participants drawing water source maps



**SC 1-1:** 6 Posyandu cadres attend the mini baseline training session



**SD 5-1:** CBSWM program in Field School.



**13 villages in Cikundul – Cilaku sub watershed**



**WS 2-1:** “Gebyar Tanam” of 130.000 trees in the land rehabilitation program for 13 villages including rehabilitation campaign activity  
**SC 5-1:** Facilitated the socialisation of “Gebyar Tanam” conducted by “Ulama” to the communities

**Cianjur**



**WS 1-3:** Workshop for strengthening farmer networks, Jampedas and Foresta

**Mangunkerta, Nagrak & Sukamaju**



**SD 5-2:** Facilitation on CBSW program

**Cikalong**



**WS 2-2:** Support on “Program Indonesia Menanam” in Cikalong

**Padaluyu, Sukanagalih and Sukatani**



**SD 3-4 & SD 5-1:**

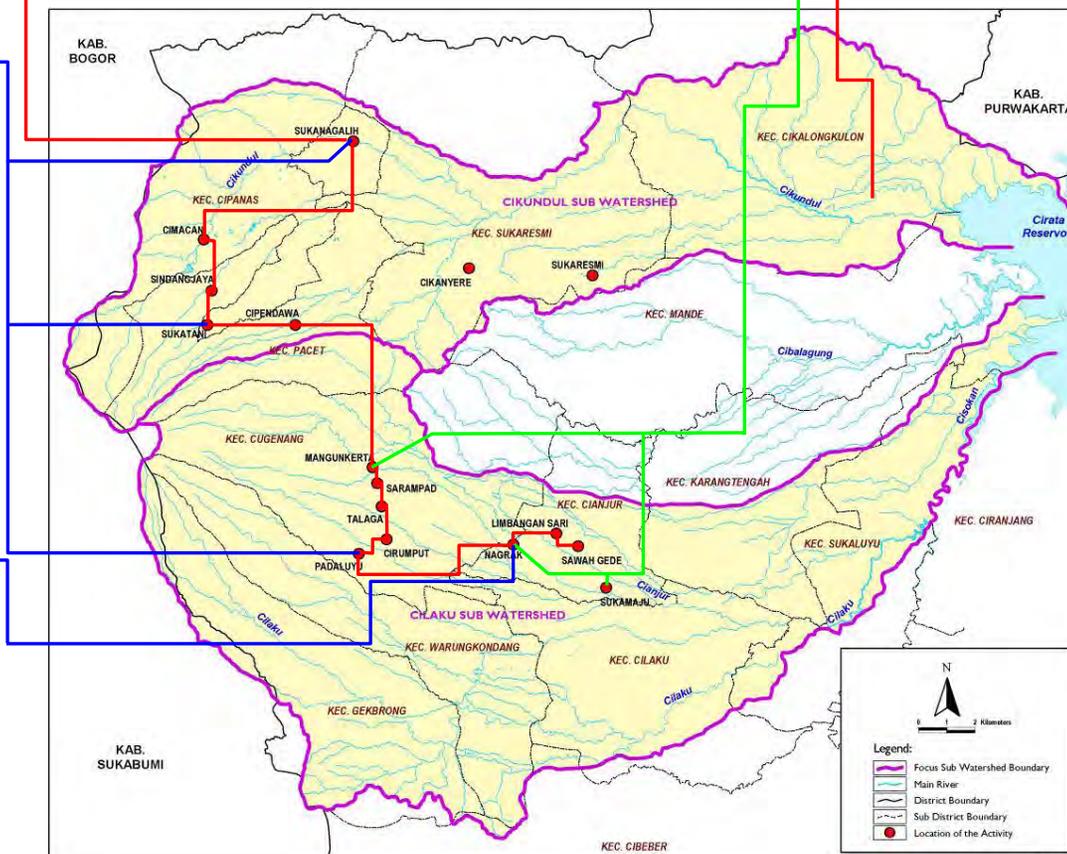
- Supported redesign of the transmission pipe system to Cibadak and Sukanagalih which needs a separate pipe line system
- Facilitated the community in Dusun Tanjakan in Padaluyu and Cinengah in Sukanagalih to build their own water supply system and introduced a hydram pump to solve problem of the water source being lower than the settlement area
- Facilitated the community in Dusun Cisarua, Sukatani to move the intake water to one km upstream from the existing site to avoid pesticide pollution from farm lands

**Nagrak**



**SC 1-1:** Posyandu cadres learn about fecal oral transmission at mini baseline training

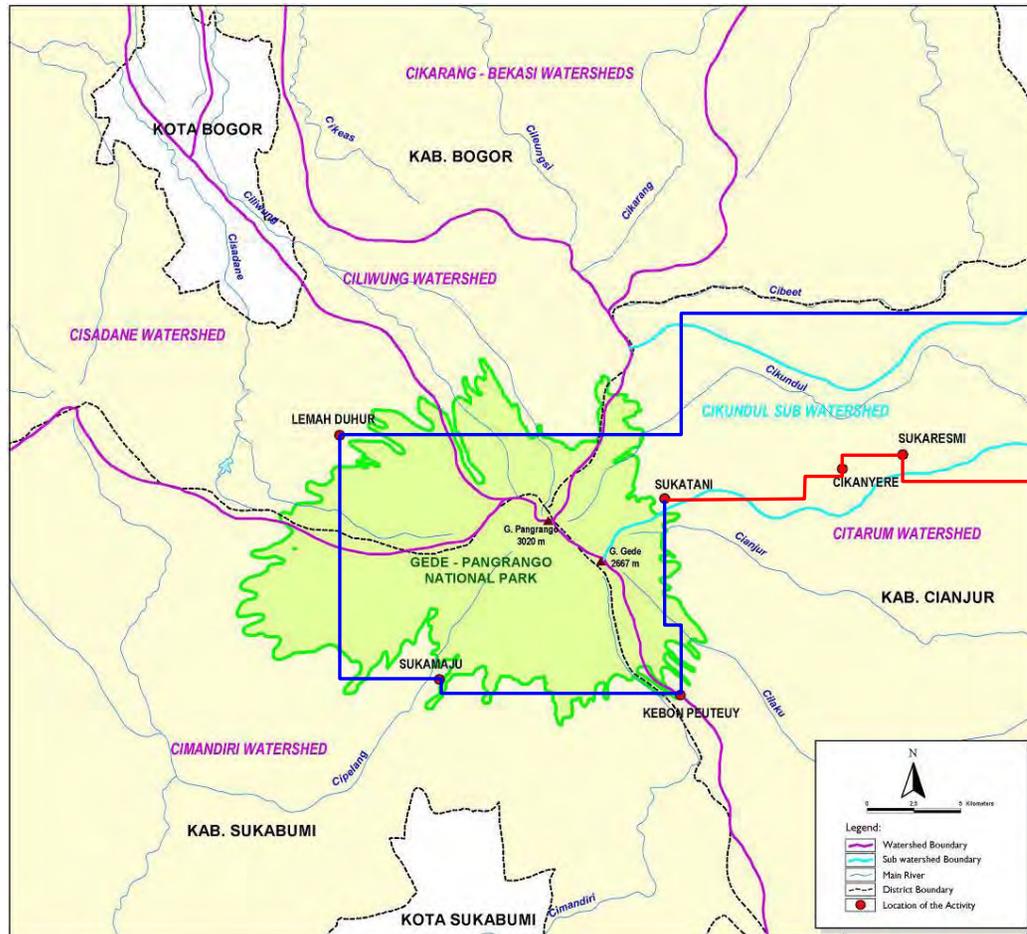
**WS 2-1:** Land Rehabilitation at 4 km along Cisarua Letik River











**Kab. Bogor, Sukabumi & Cianjur**



**WS 4.3:** Policy support for conservation villages development in Taman Nasional Gede Pangrango (TNGP) buffer zone : “forum koordinasi kabupaten Bogor, Sukabumi dan Cianjur”

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



**WS 3.1:** Training of Trainers for local facilitators and participatory planning for development of 4 conservation villages model; implementation of water user fee to support TNGP conservation



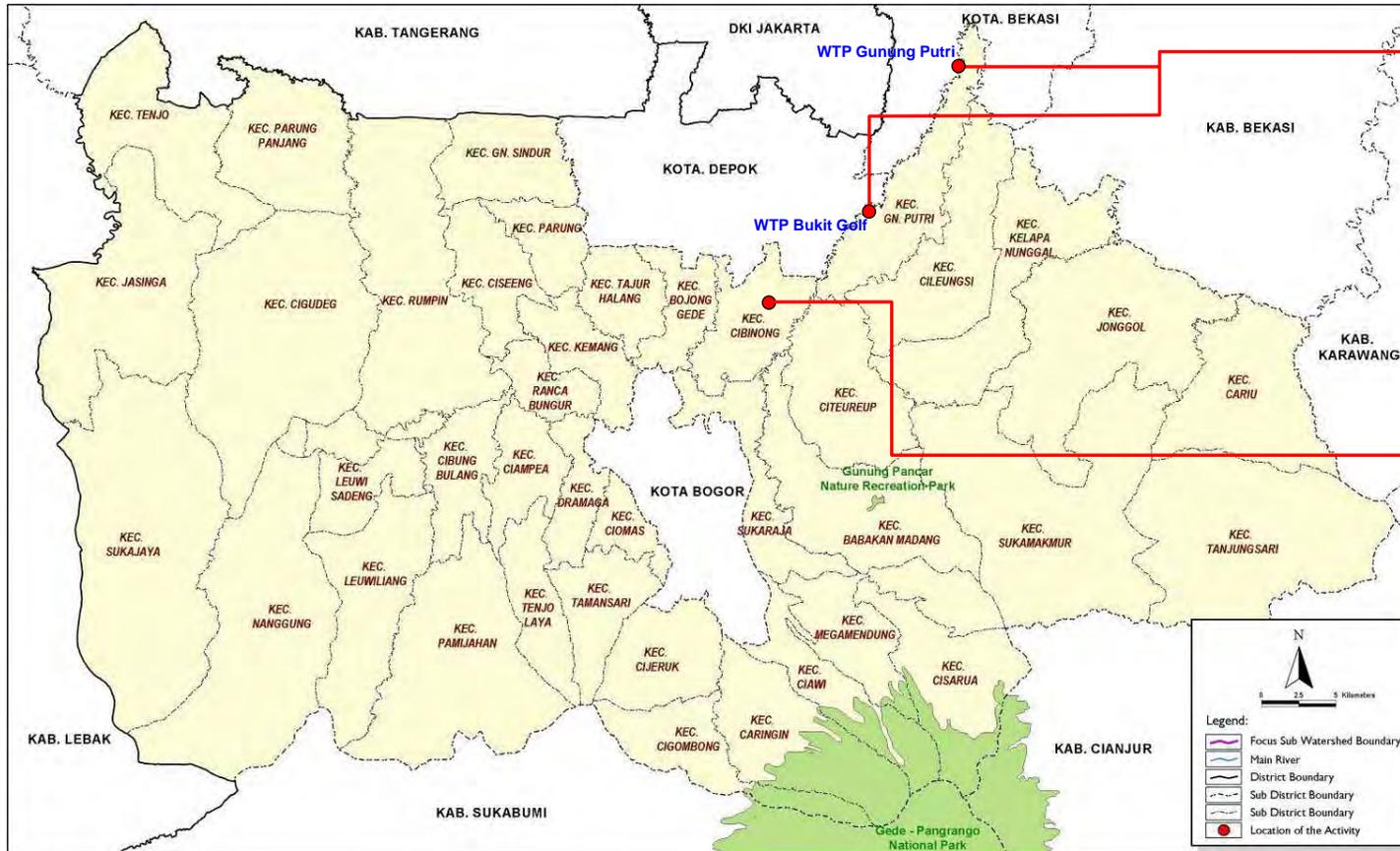
**WS 4-4:** Supported the Indonesia Ministry of Forestry to conduct training for 60 facilitators located at TNGP to develop conservation model to 43 villages of 20 national park in Indonesia.

**RHLP on 3 villages: Sukatani, Cikanyere & Sukaresmi**



**WS 2-2 & 4-4:** Support on “Rehabilitasi Hutan dan Lahan Partisipatif” through implementation Field School, including waste management, participatory mapping etc.





**WTP Gunung Putri & Bukit Golf**



**FN 4:**  
Support PDAM Kab. Bogor  
on Cikeas Hydrology survey

**PDAM Kab. Bogor  
office**



**FN 3:**  
Presentation by ESP and  
Danareksa about bond  
structuring to PDAM and  
Supervisory Board



**Kab. Bogor**



**FN 1:** Tariff Review/Adjustment  
**FN 5:** Preparation of draft master agreement between PDAM and BRI for micro-credit facilities

**Kab. Cianjur**

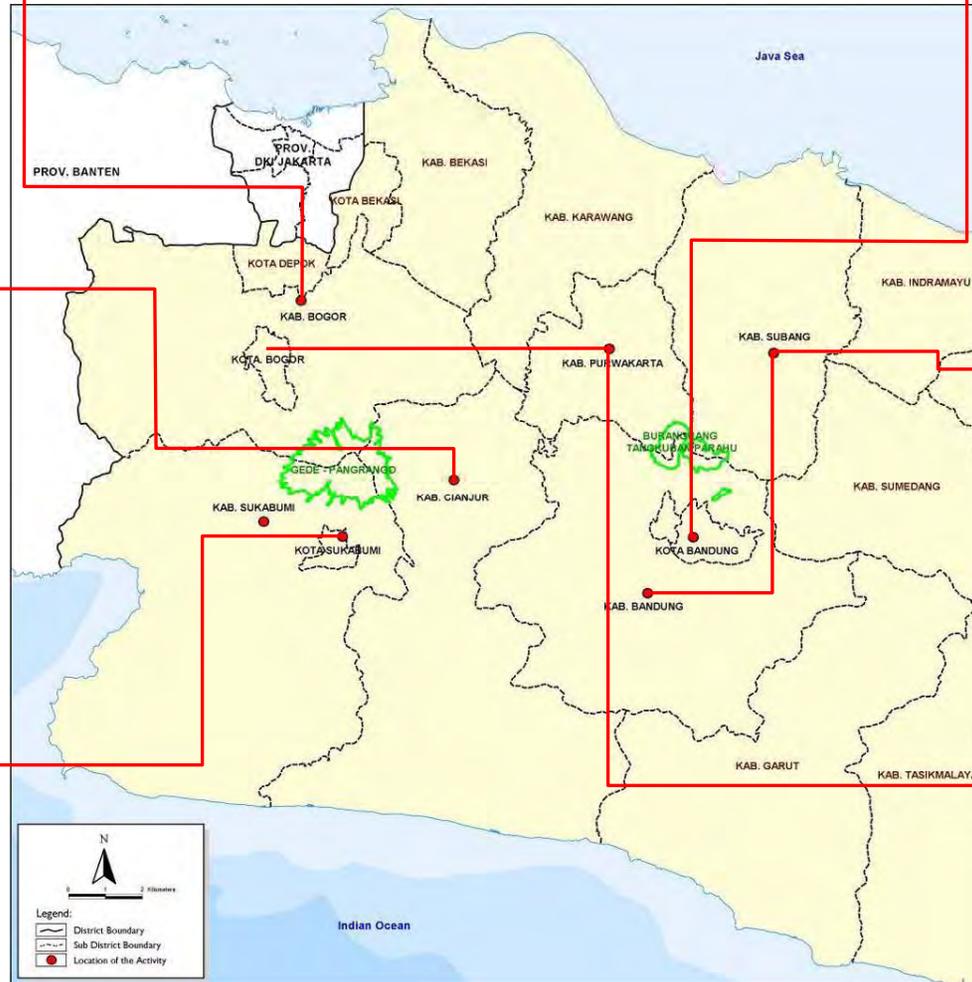


**SC 6-1:** Media Visit to PDAM Bandung and Cianjur to understand PDAM work system in the field.  
**FN 5:** Preparation of draft master agreement between PDAM and BRI for micro-credit facilities  
**SD 1-3 :** Meeting on the preparation of the activity for Tariff Reclassification for PDAM Cianjur

**Kota Sukabumi**



**FN 1:** Preparation of Debt Restructuring proposal to Ministry of Finance  
**FN 5:** Signing Master Agreement between PDAM and BRI for micro-credit facilities



**Kota Bandung**



**SC 6-1:** Media Visit to PDAM Bandung to understand work system  
**FN 1:** Preparation of Debt Restructuring proposal to Ministry of Finance  
**FN 3:** Completion of Pre-FS and FS for Cimenteng Project  
**SD 1-3:** Supported on Public Tap Survey

**Kab. Subang & Kab. Bandung**



**FN 1:** Tariff Review/Adjustment  
**FN 3:** Completion of Pre-FS and FS for Kab. Subang, Bulk Water Supply Project & Pamanukan Project  
**FN 5:** Signing Master Agreement between PDAM and BRI for micro-credit facilities

**Kota Bogor & Kab. Purwakarta**



**FN 1 :** Preparation of Debt Restructuring proposal to Ministry of Finance



**SECTION 2.5.**

# CENTRAL JAVA

## INTRODUCTION

ESP Central Java/Yogyakarta's 2007 Workplan is active in the five following integrated areas: 1) Mini-ESP in the Tangsi sub-watershed, 2) Clean, Green and Hygiene in Kota Yogyakarta and Kabupaten Sleman, 3) Clean, Green and Hygiene in two schools in Jogonalan, Klaten, in collaboration with USAID's DBE and SWS programs, 4) Water Utility Sector Strengthening, and 5) Mini-ESP in the Blongkeng sub-watershed,. To implement all of this, ESP is building a strong community-based foundation that can withstand even the strongest earthquake. This Quarter, ESP implemented activities in all of the integrated sites, except for the Blongkeng sub-watershed, which will start next Quarter.

This Quarter, ESP Central Java completed the first phase of program implementation in the Tangsi sub-watershed, namely orientation and community-based planning in 15 villages in the Tangsi sub-watershed, which resulted in the production of village profiles and community action plans. Next Quarter, program implementation will enter a critical second phase, where community groups will undertake initial actions as a learning process towards full implementation of their community-based plans. The goal of initial action is to develop the community members to become like program managers with the capacity to plan, implement, and evaluate the results of their own work. This is also the time to apply the concept of integration in all activities that are carried out.

The Field School approach is one of the primary vehicles being used to strengthen communities and achieve tangible outcomes and visible results. The responsibilities and capabilities of the volunteer village facilitators have increased dramatically in a short six month period and so has their self-confidence and enthusiasm. Community members participating in the field schools are also now very familiar with group discussion and decision making processes. Behavior changes are slowly starting to take place and communities' sense of concern and understanding about the importance of water management, spring protection, safe storage and use of water are starting to increase. The village facilitators and village heads are starting to use upstream and downstream networks to implement initial actions in villages throughout the sub-watershed. The local government and some members of the private sector are also starting to demonstrate their concrete commitments. All of these factors form a strong foundation for further program development and action that must be sustained and enhanced.

## UPDATE ON CENTRAL JAVA/YOGKARTA ESP INTEGRATED SITES

### Mini-ESP Tangsi Sub-watershed

- Just as the rainy season is getting started, so is the initial action phase of the Field School approach. Each of the fifteen villages has selected one of two integrated programs to implement; twelve villages selected “Conservation Village” and three villages selected “Clean Green Village”. The Conservation Village approach emphasizes land and forest conservation through establishment of community-based tree nurseries, multi-species tree replanting, water resource protection, pride in conservation campaigns, behavior change towards healthy life (e.g., hand washing with soap), while Clean Green Village Approach emphasizes community-based solid waste management (composting/recycling), sanitation improvements, re-greening the community, and behavior change towards healthy life.

- **Village Facilitators ”Sell” Field Schools in their Communities:** The Village Profiles and Action plans developed this past Quarter by the village facilitators through the Field School Approach are not intended for their internal consumption only, but also for the broader community. Village facilitators have started to organize and mobilize community members to implement initial action based on the action plans. The village facilitators, with the full support of their village heads and village leaders, are using the field school meetings and other community meetings to introduce the Conservation Village or the Clean Green Village models and activities. Next Quarter, communities will start their initial actions, which will vary slightly from village to village. The Village Profiles and Action Plans outline concrete actions and also show integration between upstream and downstream communities in the sub-watershed, making them a logical platform from which to development watershed management plans.

Another significant outcome from the Field School approach that is occurring in Tangsi is that the Village Facilitators are functioning like program managers, are able to design and implement programs in a systematic way. This Quarter, they completed the planning process by conducting fact finding and analysis, then they processed, packaged and disseminated information to community members and leaders. “We want to increase awareness of issues at all levels in the community: parents, government officials, and even school children,” comments Abdul Latif, a village facilitator from Bumiayu. Next Quarter, the village facilitators will lead their communities in the next phase of program implementation.



Developing pride in conservation and promoting positive hygiene behaviors by handing out campaign pins to school children and replanting palm seedlings on nearby degraded lands during the opening of the Field School in Bumiayu Village, Tangsi sub-watershed.

- **Planting Together with Students:** Field School participants collaborated with the Yogyakarta Animal Wildlife Rescue Center and the Agro-forestry Service, which provided 15,000 commercial tree seedlings that were planted in eight villages in Tangsi. ESP then invited junior and high school students from ten schools in the Tangsi sub-watershed to assist with tree planting in an one day tree planting party. Also throughout this Quarter, communities in the Menoreh and Potorono Hills conducted land rehabilitation activities on 180 hectares of degraded land by developing a community-based tree nursery and planting tree seedlings on 180 ha. This is a prime example of interregional and intergenerational watershed management.
- **Seedling of WSM Forum and Plan:** Based on the village profiles and community action plans prepared by the Village Facilitators, the Tangsi sub-watershed management plan has been drafted. The first season of field schools has produced the materials needed for the draft WSM plan. In addition, village facilitators have collaborated with village government leaders and other pre-existing community forums to create the embryo of the Tangsi watershed management forum.

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

A concept is merely an approach or a means used to implement an activity. Like any concept, the Clean Green Village Concept needs to find and follow a strategic path towards implementation. To develop the concept, ESP chose the Field School approach as the path to help communities achieve their goals and implement the Clean, Green, Healthy Village and School Program. However, this process was found to be lacking a key ingredient: a way to move forward.

This Quarter, twelve village facilitators and community organizers from three districts in Sleman, Yogya, and Magelang participated in a planning workshop and local study tour to visit three locations, each of which portrayed a different path to implement community-based solid waste management. Visiting, talking, listening, and direct observation was the agenda of the site visits.

“Every community needs a pioneer to set an example and motivate the neighbors to take action. The community awareness process is very difficult, takes a long time, and requires everyone’s patience. The solid waste management system, with all of its methods and fees, will happen naturally once there is community awareness,” commented Pak Yanto, who was a study-tour participant and also the head of the Gondolayu neighborhood that was visited on the ESP study-tour. “ESP’s Field School is a very interesting and strategic approach, where community members are selected to be community organizers who lead other community members through a field school to raise individuals’ awareness and develop community action plans.”

ESP chose the Field School approach as the path to help communities achieve their goals and implement the Clean, Green, Healthy Village and School Program. Field Schools are conducted with up to 30 villagers in each village through a 1-day workshop held one day each week over seven weeks. The learning process provides room for community members to make their own decisions based on their own systematic analysis and observations. Practical steps that communities can do by themselves supported by simple, appropriate technologies are the hallmarks of the Field School Approach.

**Clean, Green and Hygiene in two schools in Jogonalan, Klaten: Working Together to Improve Our Schools.**

Although Klaten lies outside the Progo Watershed, which is ESP’s focus area, these two schools presented a prime opportunity to extend ESP’s assistance to earthquake affected areas in collaboration with USAID’s DBE program, that had begun working here one month prior to the earthquake. USAID’s ESP, DBE, and SWS are now all working together with school committees and community leaders at each of the two schools to develop a concept and action plan for a Clean, Green School program.

ESP’s concept of a Clean, Green, Healthy school is not limited to physical infrastructure improvements, but emphasizes individual behavior change by implementing concrete, practical solutions to existing problems. Based on this concept, ESP is facilitating a series of four activities to develop a participatory, school-based action plan. This Quarter, three of these activities were conducted. First, a 1-day Health Fair was organized to increase the students’ and school committees’ awareness of health and hygiene issues, as well as to cultivate the students’ pride in their school. Second, ESP facilitated the two school committees in a 1-day discussion and action planning workshop. Third, ESP immediately followed this up by sponsoring two members from each school committee to visit Ungaran Elementary School in Yogyakarta to see activities that these schools had done related to solid waste management and greening. Next Quarter, the two school committees will implement the fourth activity, which will be a focus group discussion with all teachers to develop a definitive action plan and form a core team at each school that will be responsible for the implementation of Clean, Green & Hygiene School activities in each of their respective schools. ESP will help facilitate these through “Discussion and Action Forums” to help each school learn-by-doing as they implement their action plans.

“Even with all our limitations, we have a strong desire to improve our school to be more like Ungaran Elementary School, which won a national level Adi Wiyata environmental award,” commented Mr. Soewarno, Principal of Somopuro 2. Small behavior changes and the intention to improve their schools are becoming evident on the two school campuses.



**Even the smallest lot can be clean and green as demonstrated by this house in the densely populated neighborhood of RW-10, Gondolayu, Kota Yogyakarta, where almost 200 households are composting their kitchen waste and re-greening their streets.**

### Water Utility Sector (PDAM) Strengthening

With ESP's support, PDAM Solo and Bank BRI have agreed to sign an MOU in early January 2007 to provide micro credit to poor households so that they can pay for household connections to PDAM water supply in installments. One thousand low income households in Solo are targeted to receive micro credit within the year. Following ESP's recent presentation to PDAM Kota Yogyakarta on Analysis of Financial Conditions and Feasibility of Investment Program, the PDAM Director formed a Non-Revenue Water (NRW) Loss team to support ESP's plan to conduct a survey and other activities to reduce NRW.

### OTHER HIGHLIGHTS

- **US Forest Service Visit:** Mr. Dale N. Bosworth, Head of the USDA Forest Service, and an entourage from the Indonesian Ministry of Forestry and Perhutani, visited ESP's field site in Sambak Village, Kajoran, Magelang to see for themselves how communities and Perhutani are working together on forest conservation and management issues. They were greeted warmly by community members and ESP's village facilitators in a bamboo gazebo at the edge of the forest that serves as the community center. ESP and the village head each gave a presentation about the communities' activities and progress.
- **Pride Conservation Campaign Preliminary Survey Results:** Pride Conservation Campaign recently completed community profiles of 8 villages in Tangsi (Sukomakmur, Sutopati, Sukorejo, Sukomulyo, Banjaragung, Krumpakan, Magunrejo, and Sambak) and conducted a preliminary survey of their perceptions of conservation and rehabilitation issues. Result of this survey, which include the relationship between human behaviors and health issues, are being developed into an one-year workplan, which will be integrated into conservation campaigns and other ESP programs in the area to achieve regional outcomes.
- **Payment for Environmental Services (PES) Study in DAS Progo:** An ESP small grant recipient, RMI (The Indonesian Institute for Forest and Environment) conducted a study on PES in the Progo watershed, identifying those with potential interest in PES and proposing a design for a PES "forum or council". A workshop will be conducted at the end of the study to present and discuss findings and recommendations of the PES model and legal framework with related government institutions, academia and community representatives.
- **Community Mapping for CB Water Supply and Management:** ESP facilitated nine communities to design maps for their community-based water supply and management system, including determining service points for household connections and maps for development and installation of pipe networks in 9 villages.
- **Working with elementary students on clean water investigation:** ESP conducted a 2-day event to increase awareness on clean and healthy water at SD Negeri Ungaran I Yogyakarta, in collaboration with USAID Safe Water System (SWS), Care Indonesia, HIJAU GPL and BAPEDALDA Yogyakarta. Through a media conference during this event, ESP disseminated Formative Research results on issues related to sanitation and diarrhea prevention for children under five. As a result, 10 different local and national media covered water, sanitation and health issues, resulting in 18 articles and feature programs in print and electronic media. This activity is part of a series of activities under the Multi-Media Campaign "Clean water for better health".

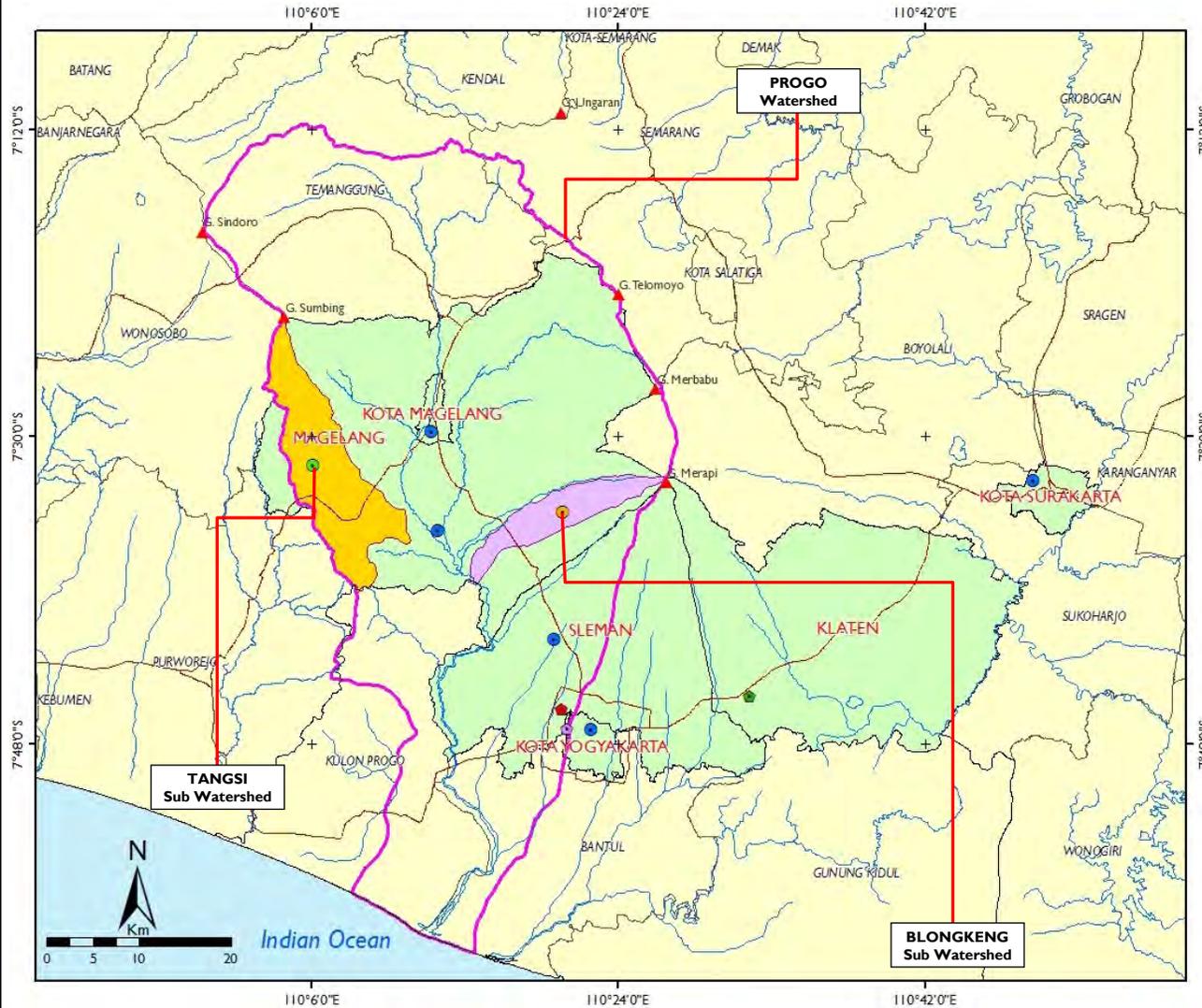


## Map QPR07 Central Java-I. Location of ESP Integration Approach for Central Java & Yogyakarta Regions

### 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





**15 Villages in Tangsi Subwatershed**



**WS 1:** Develop watershed management forums and plan

**WS 1-4:** Conduct Field School addressing issues related to health behavior change and conservation awareness as well as land and forest rehabilitation

**Menoreh and Bumiayu**

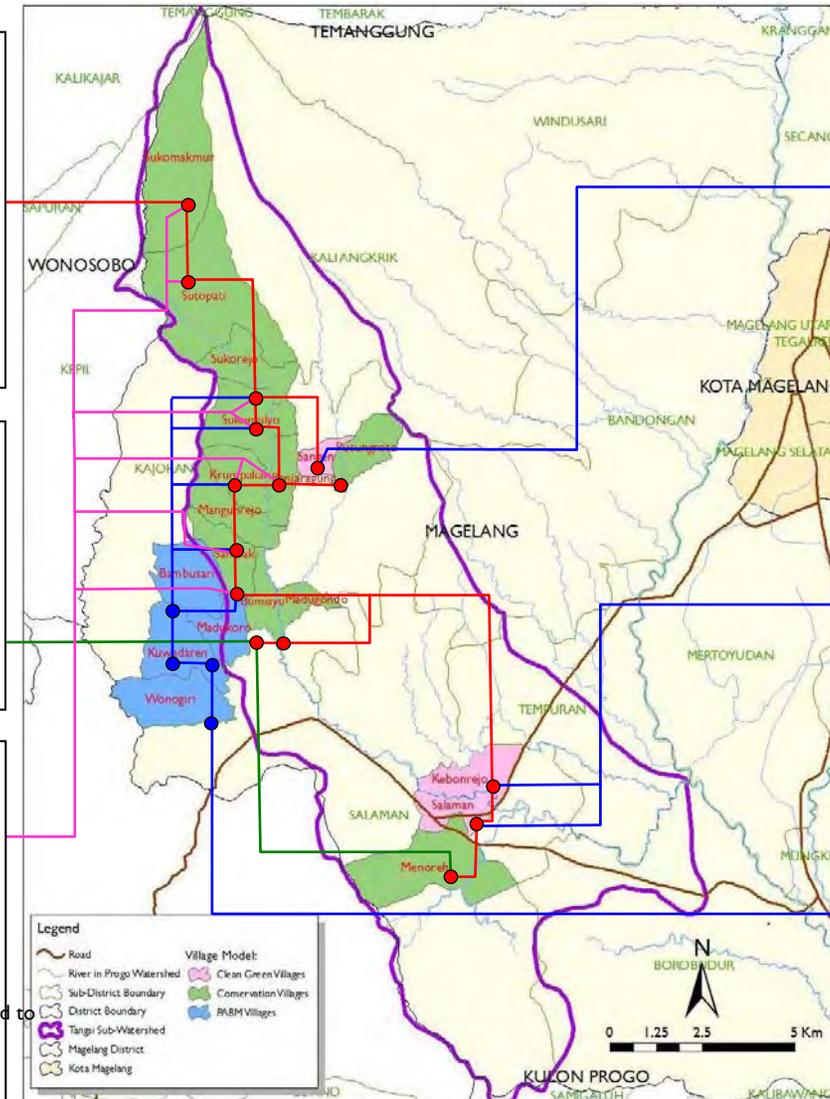


**WS 2-1:** Initiate community-based land and forest rehabilitation and conservation management

**8 Villages in Tangsi Subwatershed**



**WS 3-2:** Conduct Pride in conservation campaign  
**WS 4-1:** Identified and initiated local policies related to participatory watershed management, land tenure, community access rights, and conservation management



**Sangen**



**SD 4-3:** Prepared and constructed 1 small community-based sanitation system

**Kebonrejo and Salaman**



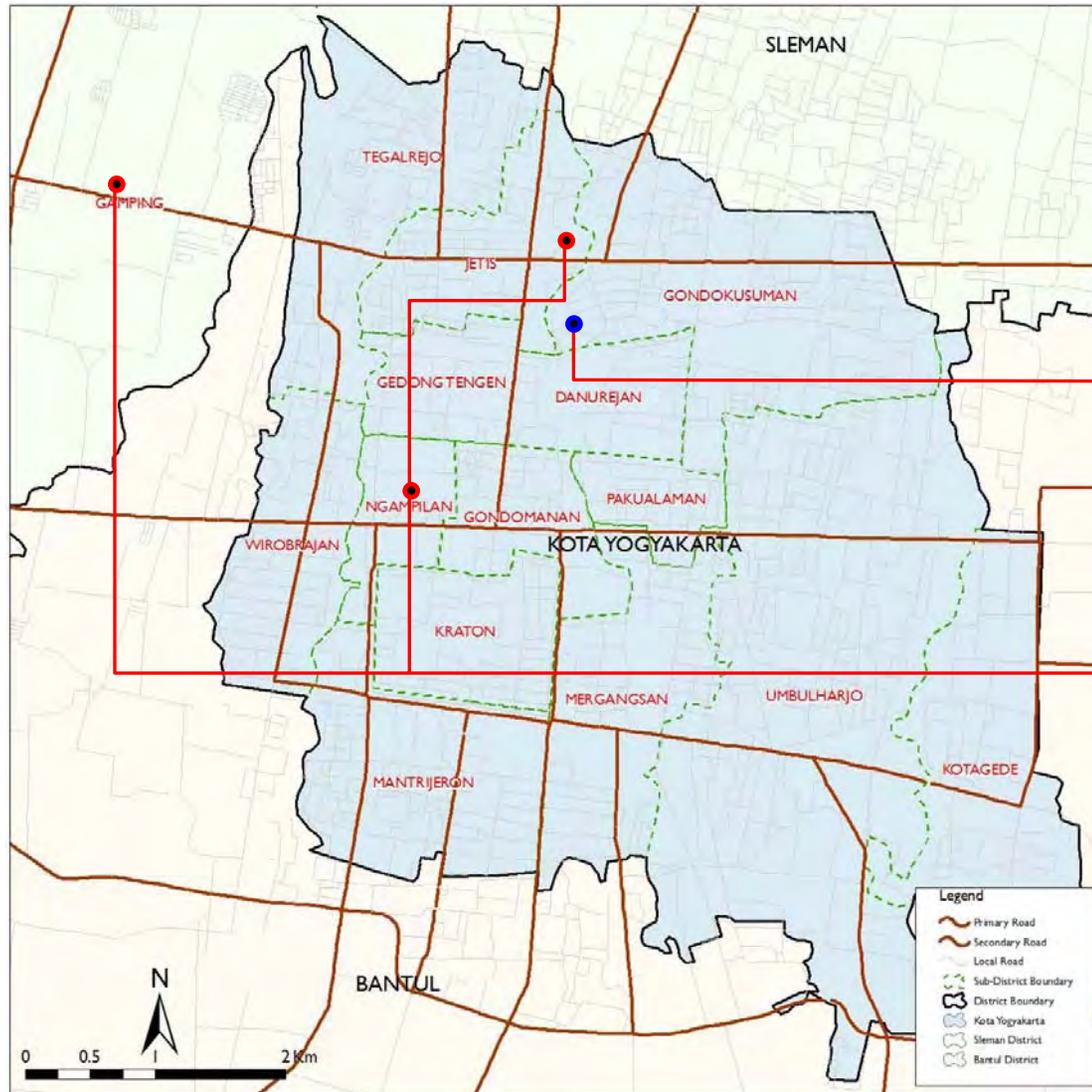
**SD 5-3:** Implemented 2 community based solid waste systems

**9 Villages in Tangsi Subwatershed**



**SD 3-1:** Improved access to clean water for households receiving water from the community-based water supply system





**SDN I Ungaran**



**PO 3-2:** Conducted public exhibition/events on water and sanitation issues to elementary school students on clean water investigation

**Gondolayu, Ngampilan, Kwarasan**

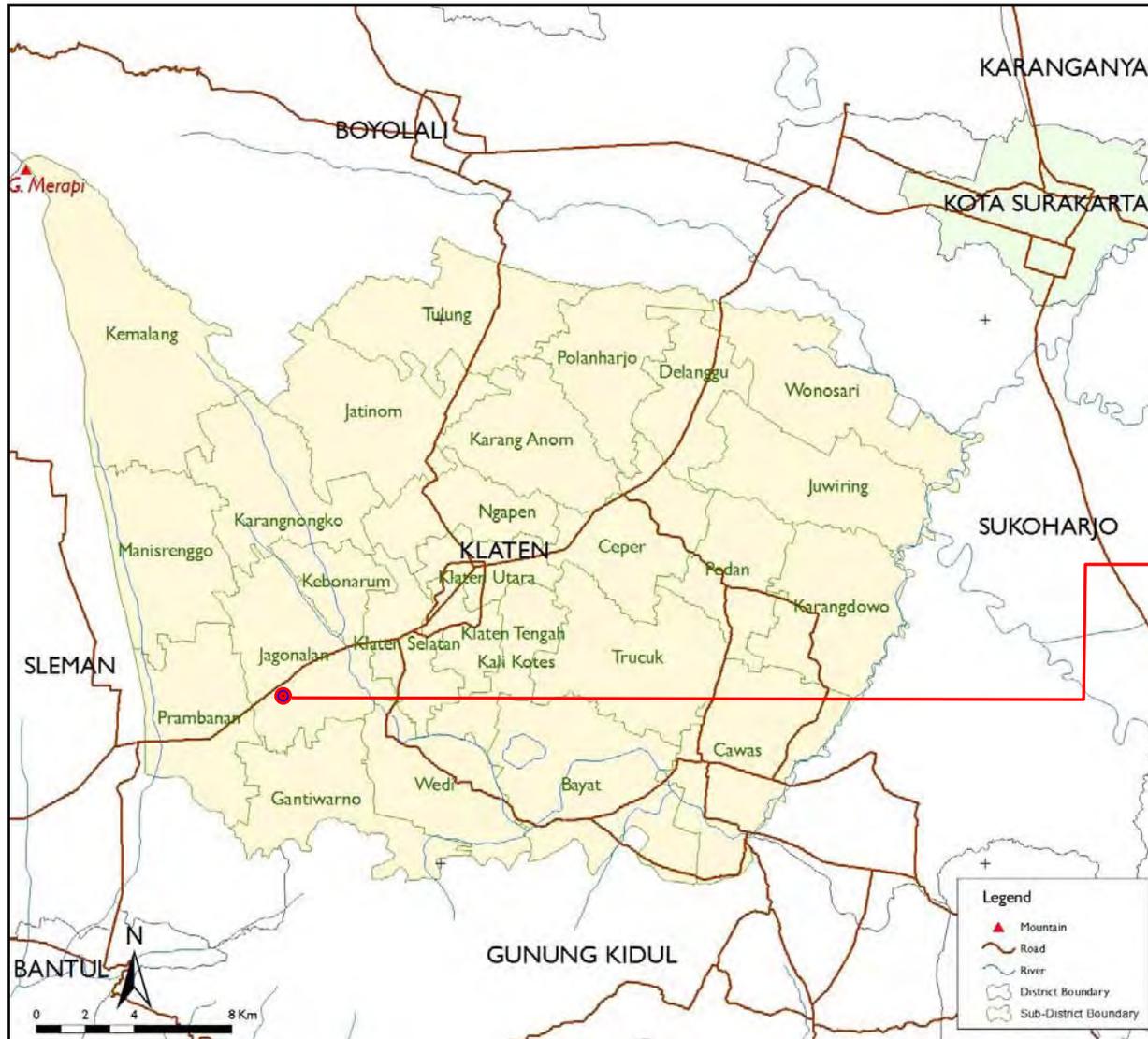


**SD 5-3:** Improved 2 existing community based solid waste management systems, conducted site visits to:

1. Gondolayu, Cokrodingratan, Jetis, Yogyakarta
2. Ngampilan, Ngampilan, Yogyakarta
3. Kwarasan, Banyuraden, Gamping, Sleman District



**Map QPR07 Central Java-4.**  
**Clean, Green and Hygiene Update**  
**in Klaten District and PDAM Program**



**SDN 2 and 3 Somopuro, Jagonalan**



Collaborated with USAID's DBE 1 and 2, and SWS in two elementary schools (Somopuro 2 and 3) to:  
**SD 4-6:** Develop solid waste management system  
**SD 7-2:** Conduct health and hygiene and clean water awareness activities



## SECTION 2.6.

## EAST JAVA

## INTRODUCTION

This Quarter, ESP re-located many staff and office equipment to a new, larger office in Malang to be closer to the majority of our partners and field sites in the greater Malang Raya AND Upper Brantas area. ESP is maintaining our presence in Surabaya, but in a reduced office space in the same building as before. These changes were necessitated in part by the increased travel time between Surabaya and Malang (due to the hot mud spill in Sidoarjo) as well as the need to reduce travel and operating expenses. Two new staff members joined the team this Quarter: Laksmi Cahyaniwati, Surabaya-based LTTA Service Delivery Specialist, and Bintoro Prabowo, Malang-based Public Outreach and Communications Specialist. The reallocation of staff to Malang plus the two new staff members will enable us to better serve our many partners in Surabaya and Malang.

ESP East Java's 2007 Workplan has activities underway in 6 of the 7 integrated sites as follows: 1) Blue Thread in the Sumber Brantas Sub-watershed (Kota Batu), 2) Blue Thread in the Brangkal Sub-watershed (Kab. Mojokerto), 3) Clean, Green and Hygiene (CGH) in Kota Malang, 4) Clean, Green and Hygiene in Kecamatan Kepanjen (Kab. Malang), 5) Anchor Site in Surabaya, and 6) Water Utility Sector Strengthening.

## UPDATE ON EAST JAVA INTEGRATED SITES

**Blue Thread in Sumber Brantas Sub-watershed (Kota Batu)**

- **Half a million seedlings ready for forest restoration.** Due to poor management, land conversion, and mistrust especially since the 1998 multi-dimensional political and economic crisis, around 30% of the land area, spread over half of the 24 villages in Kota Batu, is considered highly critical land. These 12 villages (5,442 households) are located within enclaves in the state forest, which is managed by Perhutani (the state-owned production forest management agency). As a result of a series of dialogues that ESP has facilitated between these villages and Perhutani, this Quarter the villages have consolidated into a group to represent their concerns and an agreement for reforestation has been reached. Under the agreement, Perhutani now allows the communities to plant multi-purpose tree species on Perhutani land, in addition to a small number of commercial species previously introduced. Under this agreement, 19,909 ha of critically degraded Perhutani lands will be replanted.

This Quarter, ESP facilitated the establishment of three community tree nurseries at Oro-oro Ombo, Bumiaji, and Tulungrejo villages. These are 3 of the 12 village enclaves within the state forest. ESP conducted a training series for 25 members of a land care group on tree nursery management and composting to reduce household solid waste. The compost is being used as a media for the seedlings before they are transplanted into the forest. As of December 2006, 361,000 commercial tree species and 94,100 multi-purpose tree species have been propagated in these three community nurseries, which will later be planted on 600 ha of critical forest land with a density of approximately 800 plants per hectare.



**Women's group of LMDH in Tulungrejo village places individual tree seedlings into polybags filled with compost during an ESP training session on tree nursery management and composting. These seedlings will later be transplanted onto 600 ha of critical forest lands.**

**GIRAB: Institutionally and culturally-based environmental movement in Batu.** Camat Bumiaji with support of the Mayor of Kota Batu has launched GIRAB (Gerakan Intensifikasi dan Rehabilitasi Alam Bumiaji). This new initiative is combining institutional approaches of the local government with cultural, community-based approaches to land and forest rehabilitation. An ESP supported GIRAB workshop in December drew a broad base of participants. As a result of this meeting, Perhutani, Dinas Kehutanan dan Lingkungan, and a forum of village heads in Kota Batu all committed to help provide seedlings for community-based tree nurseries. This Quarter, the LMDH planted 1,000 pine trees and 7,000 suren tree seedlings on degraded lands in a forest enclave of Perhutani land in Kota Batu.

### **Blue Thread in the Brangkal Sub-watershed (Kab. Mojokerto)**

- **Establishing support for the management of the Tahura R. Soerjo:** Tahura R. Soerjo's 27,868 ha protected area is the upper part of the most important watershed in East Java covering Upper Brantas, Konto, Brangkal, and Rejoso sub-watersheds. This Protected Area plays an important role as a buffer zone for springs which provide water supply to 9 administrative areas of Kota Batu, Kota Malang, Kab. Malang, Pasuruan, Mojokerto, Jombang, Kediri, Sidoarjo, and Surabaya. Around 22 million people, or 60% of total East Java population, live in the Brantas Watershed. Conserving and protecting Tahura R. Soerjo has been a dream of many people to prevent an anticipated water crisis in East Java. Given the importance of the Tahura, ESP is helping stakeholders develop an action management plan through four approaches that make use of local wisdom, community participation, habitat mapping, and participation of village leaders in implementing conservation policies in villages. National and local government agencies are positively responding. This Quarter, the Ministry of Environment and the East Java Environmental Protection Agency jointly held a workshop on conservation of the Tahura that brought extensive participation from the Tahura Village Head Forum, Tahur Farmers Group, Balai Tahura R. Soerjo, and Community Forest Guards. Key outcomes of the workshop were: a declaration by the community and government agencies to support holistic management of the Tahura, and formation of conservation cadres. ESP then held a series of workshops on community participation in conservation management of the Tahura, which was attended by 150 participants who live in communities surrounding the Tahura (Kab. Pasuruan, Kab. Mojokerto, and Kota Batu). Each district was represented by 2 villages and 25 participants from each village. Workshop participants developed more focused action management plans for the Tahura.

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

- **Malang Journalists Raft the Brantas River.** As part of the Multi-Media Campaign 6 with the theme "Live Healthy with Clean Water", ESP supported the Indonesian Independent Journalists' Association (AJI) for a Journalists' Visit and Discussion with communities living along the Brantas River. At their own initiative, AJI conducted a workshop and fieldtrip for journalists on the topic of Water Resources Management in the Brantas Watershed, where ESP acted as a resource. Starting upstream in the Sumber Brantas sub-watershed, they met with communities to learn firsthand about the issues there. Then from Kali Tengah, they rafted down the river to Gunungsari, Surabaya. Eighteen journalists from print, electronic, radio and television visited with communities in four sub-watersheds of the Brantas. The results of ESP's formative research on health and hygiene behaviors were communicated to the journalists.

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

- **People of Curung Rejo, Kepanjen, ready to manage communal sanitation system.** The Malang local government has agreed to allocate funding to construct 1 community-based sanitation system in Curung Rejo as part of a cost sharing agreement with ESP. In parallel, sanitation mapping is underway to collect information needed to develop the sanitation system. Simultaneously, the local community is organizing themselves and a KSM (Kelompok Swadaya Masyarakat) has been formed that comprises community representatives. The KSM is currently working both with the Malang local government and ESP to developing sanitation system options. Once the sanitation infrastructure is completed, the KSM will manage and operate the system.

- Many families in Kab. Malang desperate to get water in their homes.**  
 Despite the abundant number of water resources in Malang, particularly springs, many households in Kab. Malang are having difficulties getting water to meet their needs. If they are not located in PDAM's service area or within a community-based water supply service area, they need to walk hundreds of meters, fill their jugs or jerry cans full of water, and carry them back home. The Malang local government lacks financial resources to further develop and expand existing community-based (CB) water supply systems to fill the gap left by PDAM. To support development of the CB system, ESP conducted an assessment of 16 existing CB systems that are in need of improvement. ESP and Kab Malang collaborated to provide these 16 communities with basic training on CBS technical issues; Pemkab Malang and PDAM Kab Malang provided additional training on other aspects of managing the CBS. Pemkab. Malang and ESP are currently developing a more comprehensive CBS improvement program.

**Anchor Site in Surabaya**

- Positive Behavior Changes in Wonokromo:** Residents of RW VI and VII in Wonokromo live in close proximity to PDAM Surabaya's water intake. ESP is helping the community to improve their solid waste management practices to reduce the volume of waste produced and reduce the incidences of residents disposing of solid waste in urban waterways. As a result of ESP's support and training to the community on recycling and composting, residents of RW VI have reduced the volume of solid waste produced from 3 m3/day to 1.5 m3/day. By separating their solid waste, the community was able to generate Rp 1,660,000 this year from selling plastic, paper, and glass; this money went to the RW to support regreening activities. Residents are reusing containers (e.g., paint cans, plastic buckets and bowls) and are using the compost they produce at the household level to plant flowers and plants in front of their houses. The streets along RW VI are now much greener and cleaner. ESP also supports RW VI and VII by increasing their health and hygiene practices through hand washing with soap campaigns. During the fasting month, neighborhood children conducted several puppet shows to educate the children and adults in the community about the importance of handwashing with soap to prevent incidences of diarrhea.



**Students from the Islamic Aisiyah Elementary School in Wonokromo use puppet theater to convey health and hygiene messages to other students.**

### Water Utility Sector (PDAM) Strengthening

- **Water for the Poor through a micro-credit initiative:** This Quarter, ESP assisted PDAM Surabaya, PDAM Kota Malang, and PDAM Sidoarjo to access credit facilities at two local banks (BRI and Bank Jatim) to subsidize household water connections for the poor. With the credit facility of up to Rp. 3 million per customer (to be repaid in installments of up to 3 years), household connections for many poor families are now more affordable.
- **Water for the Poor through the World Bank's OBA:** ESP is also facilitating PDAM Kota Surabaya to develop the World Bank's Output Based Aid (OBA) program, which will provide a subsidy for poor families to get a household connection to PDAM who otherwise could not afford the connection fees, even with the assistance of the microcredit initiative. PDAM Surabaya and ESP are jointly identifying the first batch of prospective OBA participants. Around 9,000 households have been tentatively identified to qualify for the program. The Mayor of Surabaya, Bambang DH, sent a letter of support for the program to the World Bank and agreed that Rp 1 billion of PDAM's annual 2007 budget would be allocated towards the program, in compliance with the OBA's pre-financing requirement. The mayor also endorsed that up to 5,000 of PDAM's planned 20,000 new connections are to be allocated for poor families.



PDAM Surabaya Director, Mohamad Selim (on the left) signs an agreement with Bank Jatim to provide microcredit to poor households to enable them to access PDAM services.

### OTHER HIGHLIGHTS

- **Increasing Access to Drinking Water.** As part of an effort to provide access to safe drinking water to two communities served by ESP, namely Wonokromo and Paciran, ESP partnered with USAID's Safe Water Systems to provide training and supplies of Air Rahmat to 25 cadres in two neighborhoods in Wonokromo (RW VI dan VII) and Paciran.

- **Clean Green Hygiene Neighborhood Competition.** In Kelurahan Gading, a poor, densely populated urban neighborhood in Surabaya, ESP has partnered with FSN and PKK Kota Surabaya to sponsor a Clean, Green and Hygiene competition aimed at increasing the community's awareness about the importance of maintaining a clean and healthy living environment. Initially, only 5 RT participated, but the community's enthusiasm has grown quickly; now 18 RT are participating in solid waste separation and greening efforts at the household level.
- **Habitat Mapping to Support Conservation in Tahura R. Soerjo.** Floods and landslides that have taken human lives and caused substantial property damage are occurring with increasing frequency in densely populated rural and urban communities downstream of Tahura Soerjo. The loss of tree cover and degradation of the Tahura is adversely impacting human populations and biodiversity levels. To restore the environmental functions of the Tahura, ESP sponsored a habitat mapping and action planning process with communities living in and around the Tahura. For the first time, these communities are recognizing and assigning specific values to conservation functions of the Tahura and identifying concrete conservation and rehabilitation measures that they need to take. This is also the embryo of a biodiversity management working group that will establish a biodiversity database.
- **GIS training for PDAM.** 8 staff from 3 PDAM (Kota and Kab Malang and Kota Pasuruan) and 3 staff from two local NGOs (Yayasan Kaliandra Sejati dan Paramitra) participated in an 4-day basic GIS training conducted by ESP. The aim of the basic GIS training was to introduce PDAM staff about the potential powerful applications and uses of GIS by PDAM for planning, maintenance, and expansion programs. Further GIS training is anticipated in the future.



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## Map QPR07 East Java-I Location of ESP Integrated Approach For East Java Region



### 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
  - Central Java
  - Priority Sub Watershed:
    1. Welang
    2. Brangkal
    3. Sumber Brantas

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

### Focus 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





**Kel. Tandes**



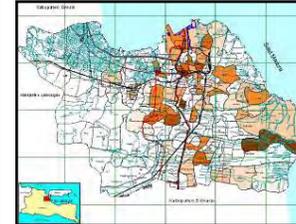
**SC 1-4:** Presented hand washing with soap campaign to 150 cadres in Tandes Surabaya, partnership with PKK and Dinas Kebersihan dan Pertamanan Kota Surabaya

**Kel. Ketabang**



**SD 5-3:** Explanation on how to improve leachate to Ketabang community

**Surabaya**



**SD 4-1:** Surabaya citywide sanitation mapping prepared by BORDA, based on series of thematic maps (population, water supply access, poverty, solid waste management, sanitation related diseases, and family income)

**SD 3-1:** Official opening of Karang Pilang I water treatment plant, PDAM Surabaya

**Kel. Gading**



**SD 5-3:**

- For the first time, 65 environmental cadres of Gading participate in Community Solid Waste Management training
- A cadre presenting her knowledge from the training to local community in Gading

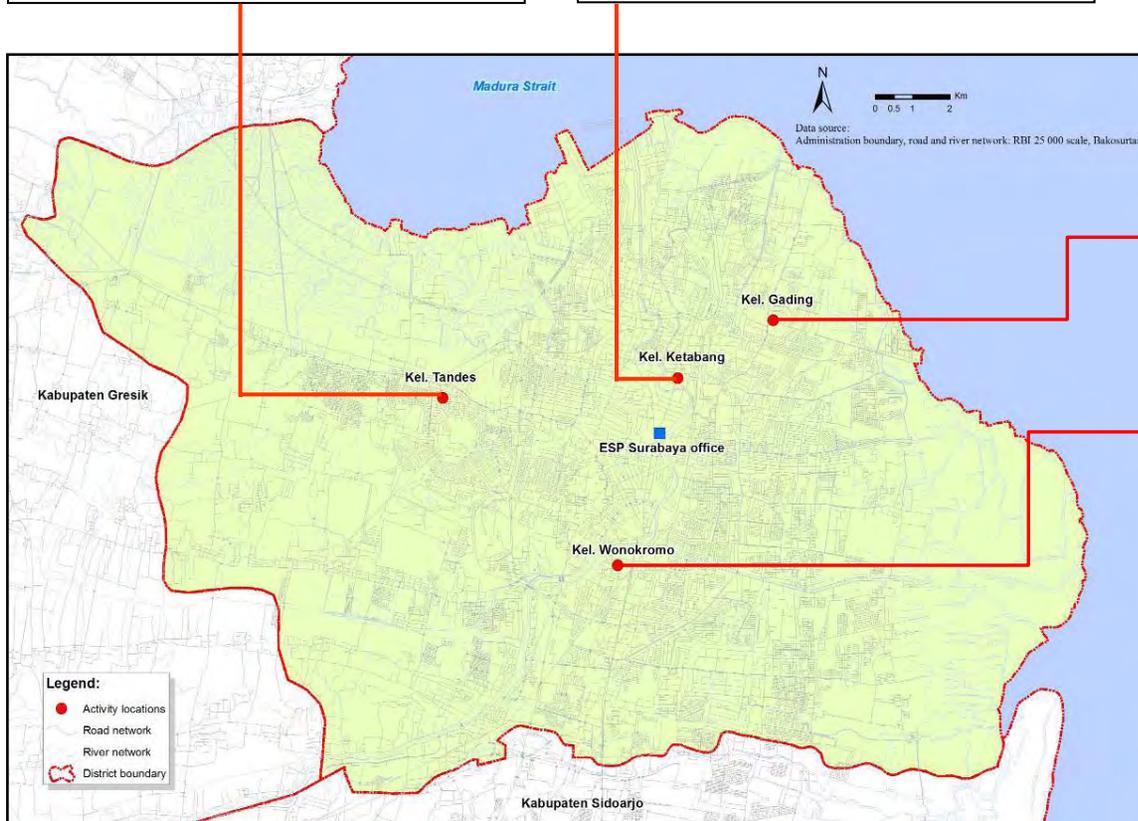
**Kel. Wonokromo**



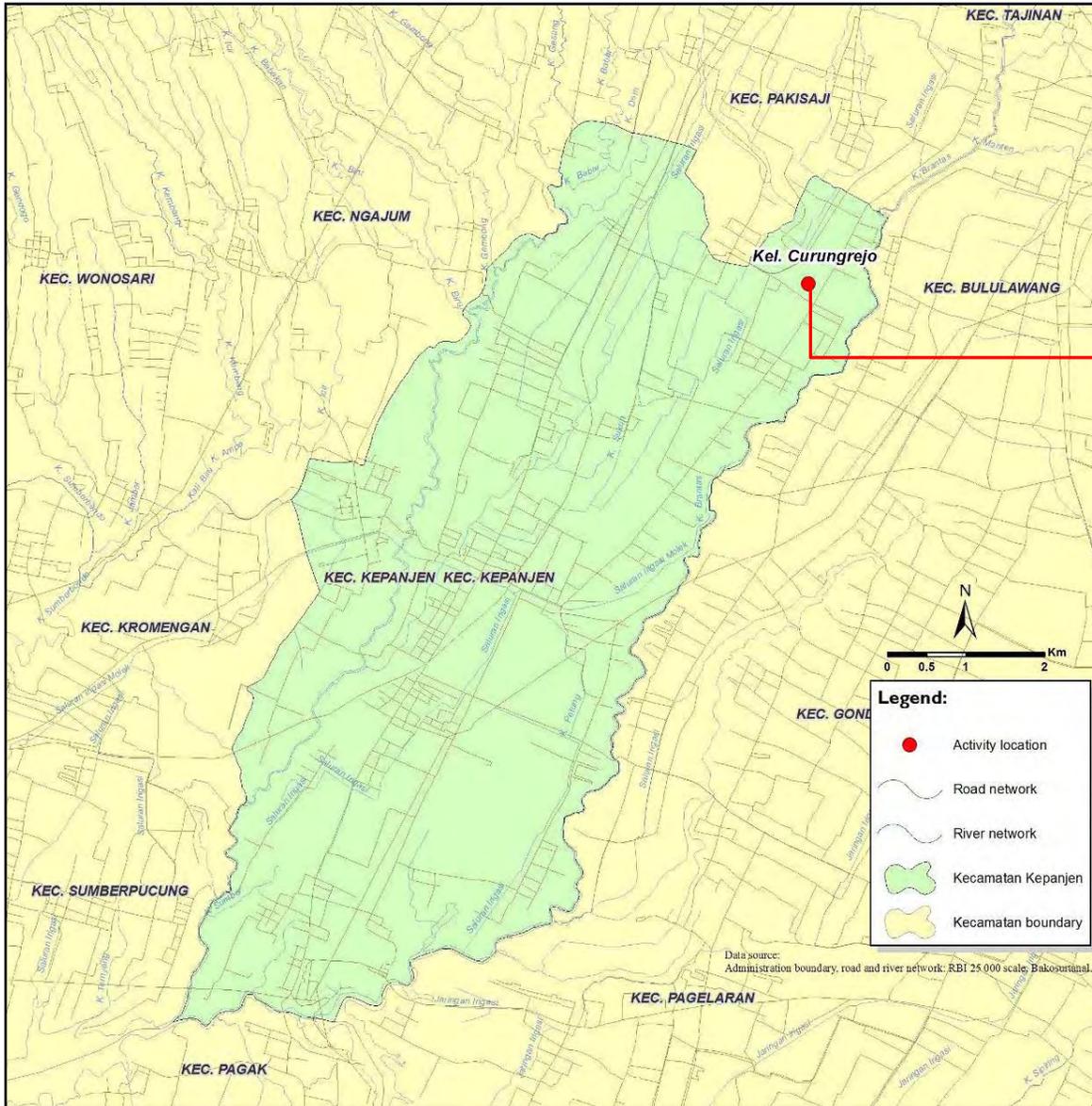
**SC 2-1:** Puppet shows on hand washing with soap campaign conducted during Ramadhan at the SD Aisyah in Wonokromo - Surabaya



**SD 5-3.** Solid waste recycling in RW VI, Wonokromo has generated 2 million Rupiah for local community in one year (Oct. 05 - Sep. 06)







**Kel. Curungrejo**



**SD 4-3:** Curungrejo community donate their land for Community Based Sanitation (CBS) construction



**SD 4-3:** Digging process to construct CBS in Curungrejo

**Kec. Kepanjen**



**SD 4-1:** Local community participation to prepare sanitation maps in kecamatan Kepanjen



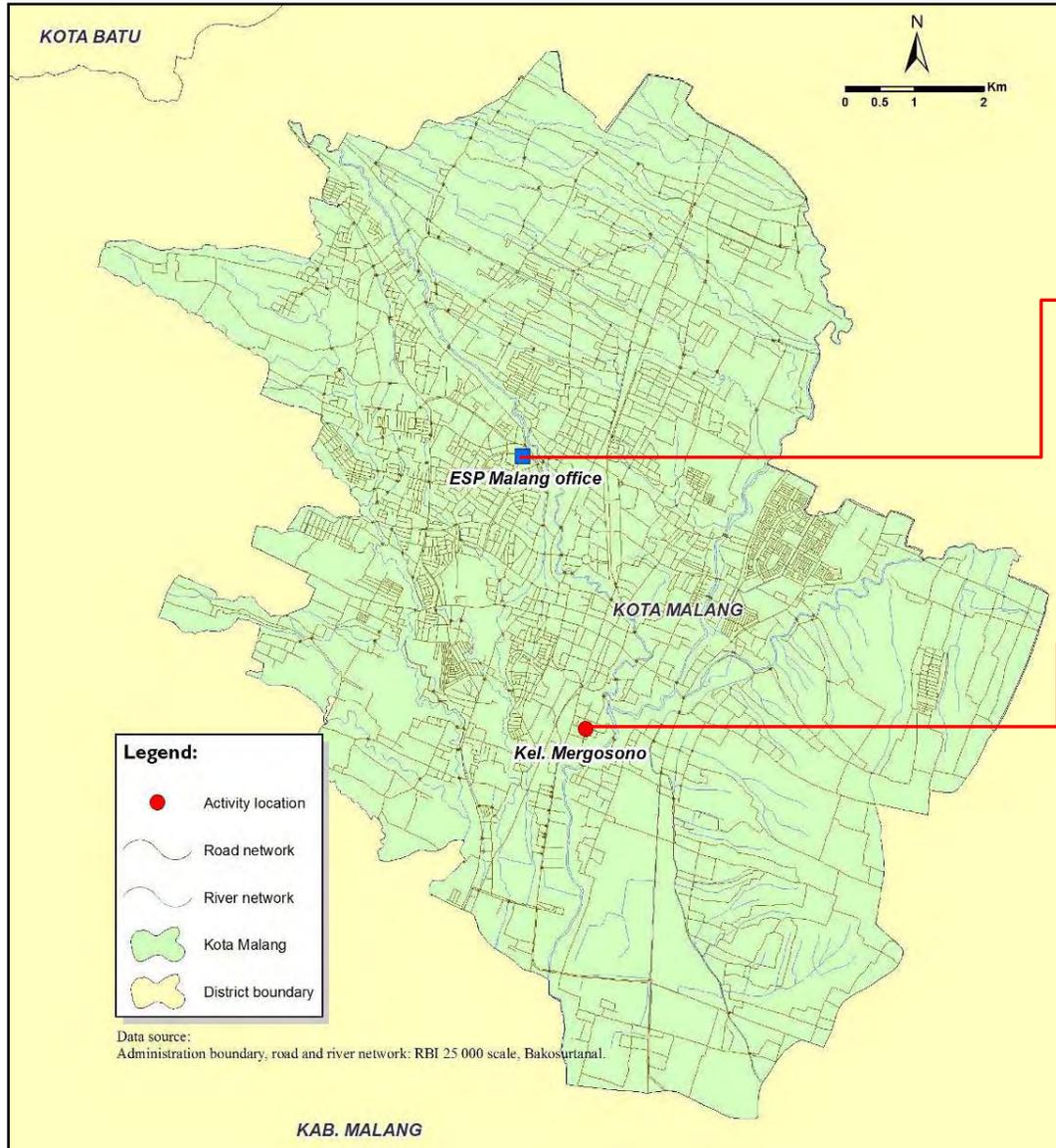


**SD 4-1:** Kab. Malang citywide sanitation mapping prepared by BORDA, based on series of thematic maps (population, water supply access, poverty, solid waste management, bad sanitation diseases, and family income)



**SD 2-3:** Assessment of community based water supply systems in Desa Tirtomoyo





**ESP Malang Office**



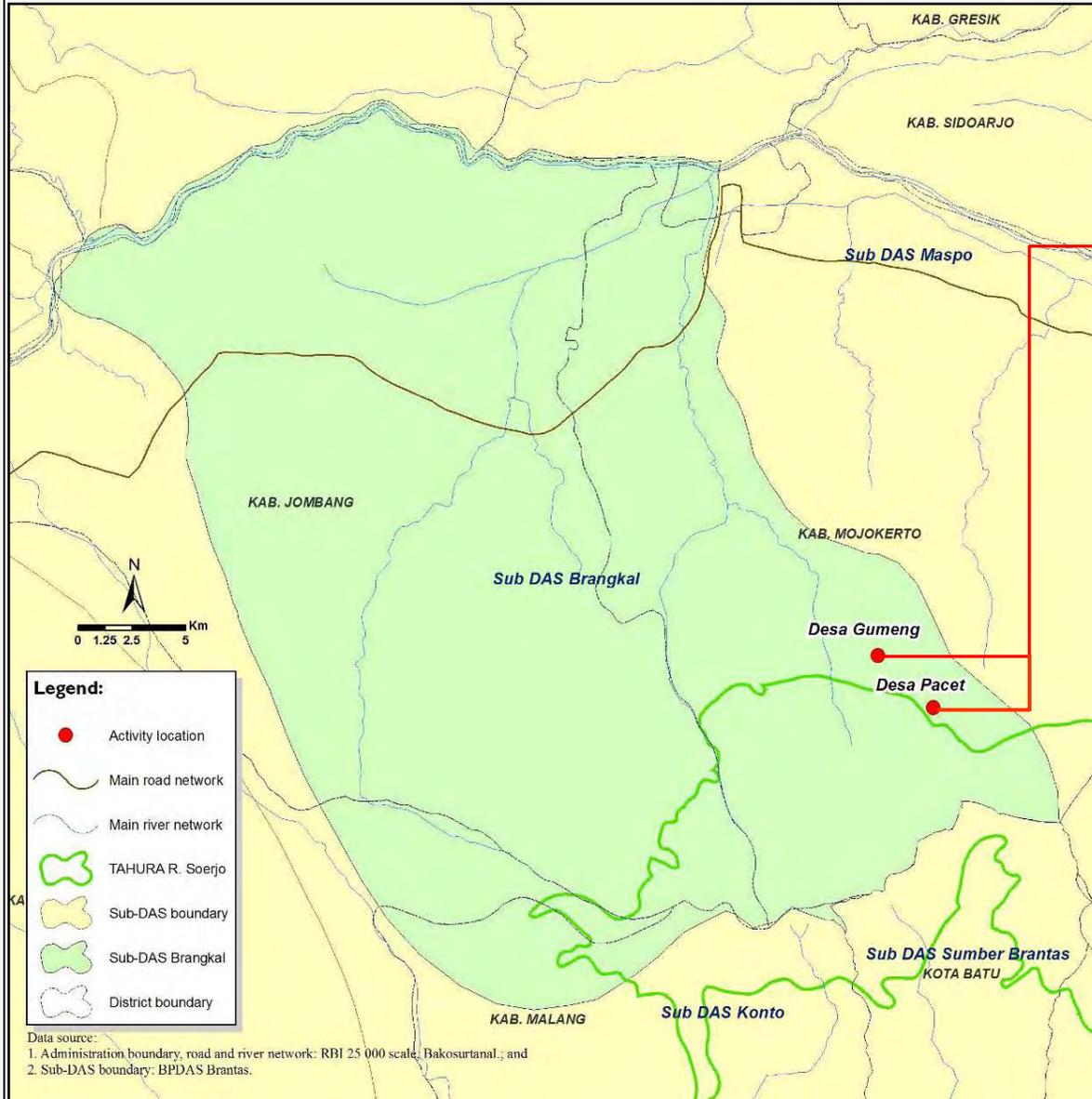
**SD 1-7:** 5 day training on GIS applications for PDAM Kota and Kab. Malang and Kota Pasuruan and 2 local NGOs

**Mergosono**



**SC 4-1:** Association of Indonesian Journalists learn about water and health issues and communities living along Brantas watershed



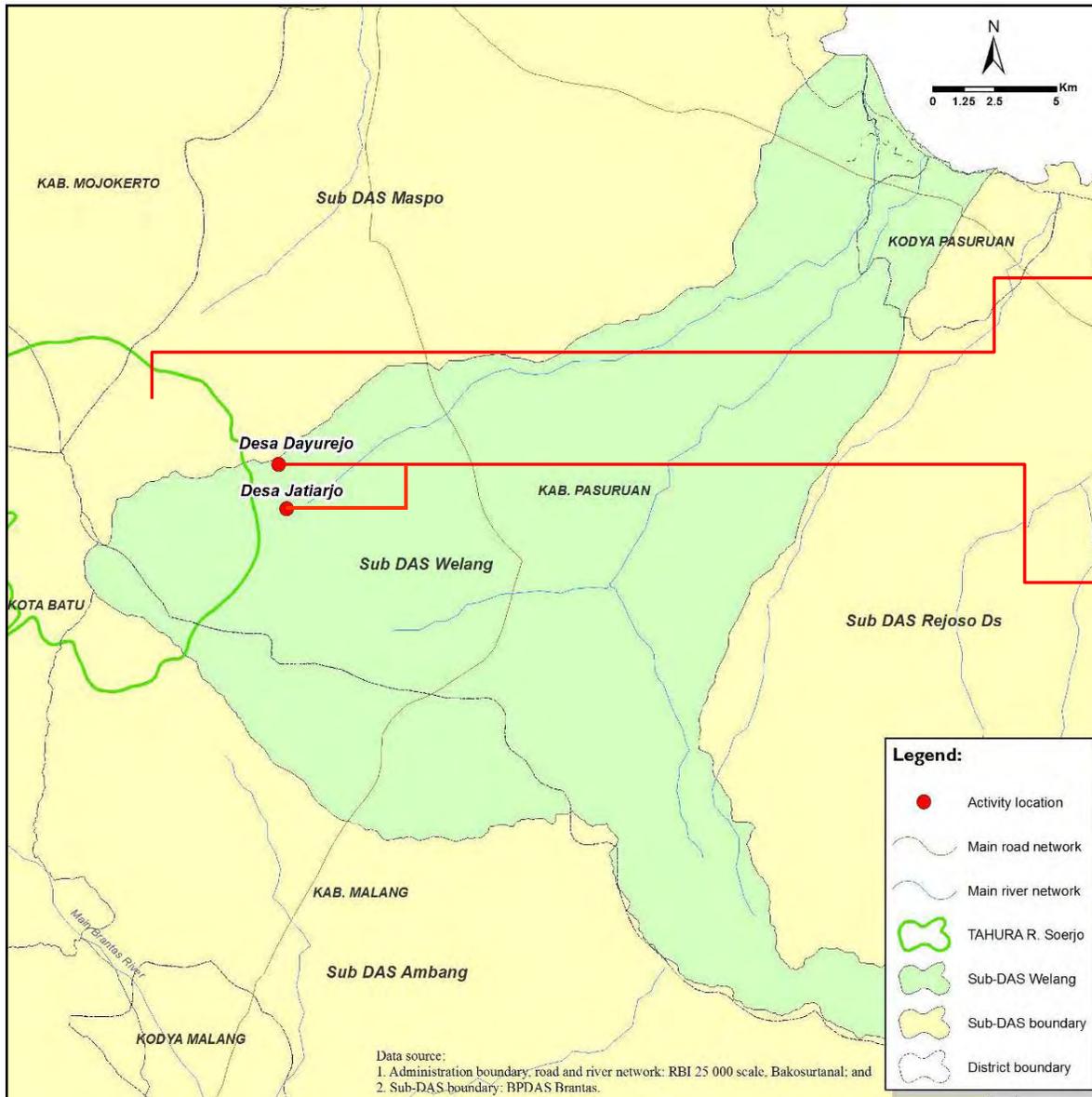


**Desa Gumeng and Desa Pacet**

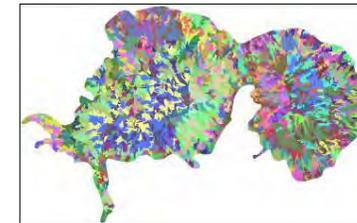


**WS 4-3:** Community meeting to develop action management plan for TAHURA R. Soerjo in Desa Gumeng





**TAHURA R. Soerjo**



**WS 4-3:** GIS Habitat mapping of TAHURA R. Soerjo. This is baseline information which will later be used to develop management action plan

**Desa Dayurejo and Desa Jatiarjo**



**WS 4-3:** Community participation to develop an action management plan for TAHURA R. Soerjo in desa Dayurejo and Jatiarjo

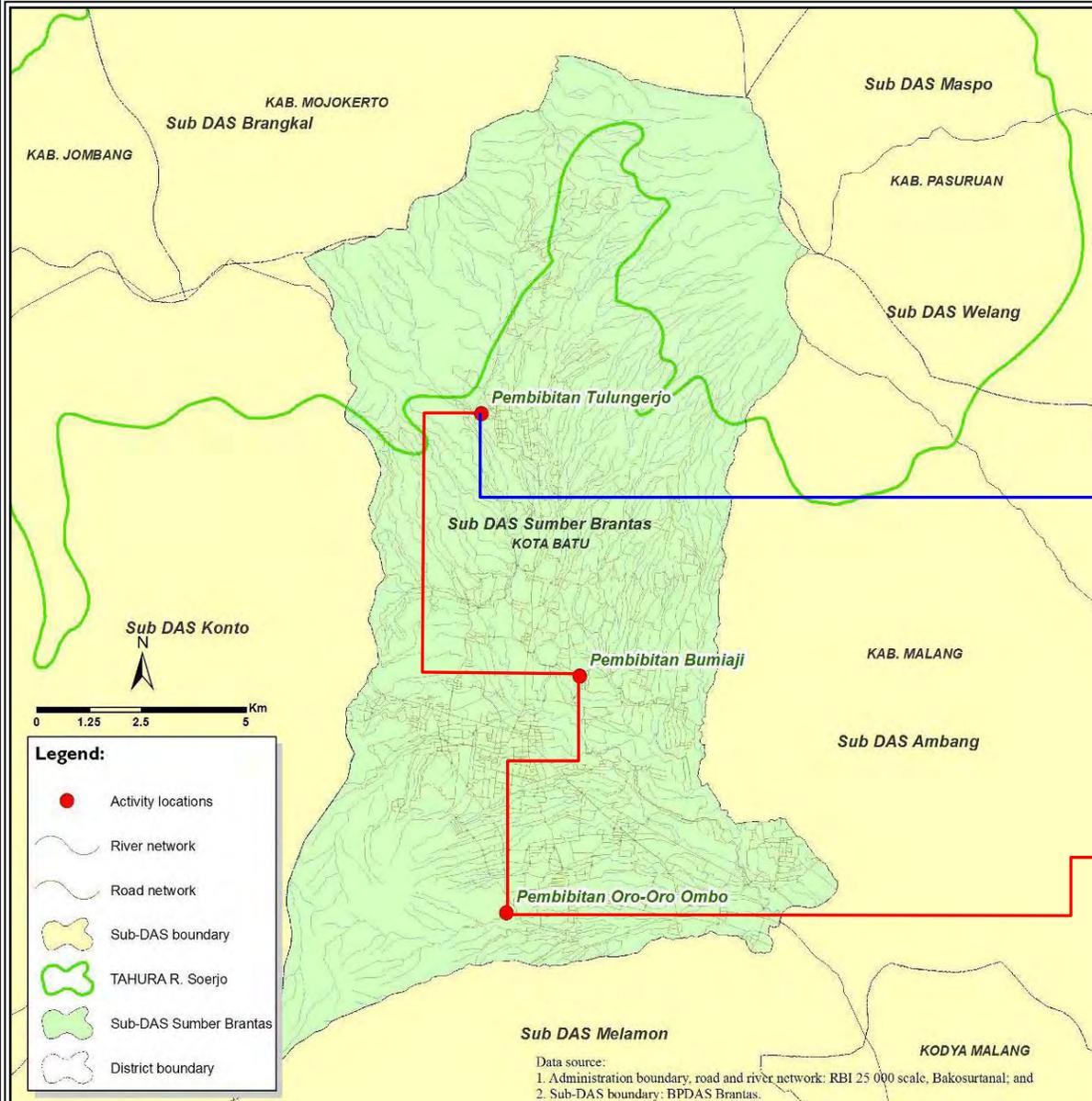




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## MAP QPR07 East Java-8

### Blue Thread Update in Sumber Brantas Sub-watershed (Kota Batu)



#### Kotabatu



**WS 2-1 and WS 3-4: GIRAB**  
(Gerakan Intensifikasi Rehabilitasi Alam Bumiaji) multistakeholder movement to develop, monitor and evaluate land and forest rehabilitation in Kota Batu

#### SPGB (Tulungrejo nursery)



**WS 4-2:** Community based forest restoration planning in Tulungrejo

#### Tulungrejo, Bumiaji and Oro-Oro Ombo



**WS 2-1:** Community based nurseries in three villages (Tulungrejo, Bumiaji and Oro-Oro Ombo). The tree Seedlings will be used to rehabilitate degraded PERHUTANI lands



## SECTION 2.7.

# SPECIAL CONCERN IMPERATIVE AREAS

During this Quarter, ESP conducted a limited set of activities in the SCIAAs of Padang, Balikpapan and Manado. Activities included:

In Padang, ESP is facilitating a mini-ESP. This links a number of Field Schools facilitated by community members and Field Assistants trained in the ESP WSM TOT, and is progressing successfully. This WSM work is complemented by on-going city- and community-based sanitation work. ESP's work in Padang is facilitated by STTA, with technical support from relevant Technical Components and oversight provided by the North Sumatra Regional Advisor.

In Balikpapan, ESP's Environmental Services Finance Team is working with the municipal government on the development of a bond to fund municipal infrastructure and environmental protection to increase and sustain access to clean water. Eco-Asia will also provide technical assistance to this important initiative, in the way of financing feasibility analyses.

In Manado, a small grant for multi-stakeholder watershed management of is being wrapped-up, while collaborations with WMD continue.



### 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 focused on the roll-out of Field Schools, community-based-land rehabilitation, participatory Protected Areas management, and field-based action planning for Pride Conservation Campaigns.

- **ESP WSM Field School Roll-Out.** This Quarter marked the return of 36 ESP Field Assistants (FAs) and Partners from the 12-week ESP WSM Field School TOT conducted in Solok, West Sumatra. Working in close collaboration with HPP WSM Teams, these FAs and partners were quickly absorbed into on-going and new Field Schools. As planned, the addition of this newly trained and highly motivated group has enabled ESP to dramatically increase the level and intensity of field activities in upper-watersheds. Interestingly, there has also been a strong demand by community groups to adapt the field school approach to some Service Delivery activities as well. Besides broadening a *Blue Thread* impact in upper-watershed Field Schools, this has inspired ESP to develop Field School approaches for urban and peri-urban communities. Within the context of WSM Field Schools, on-going Field Schools are developing effective community plans that are rolling into larger watershed or sub-watershed plans. In many HPPs, ESP WSM teams are working with partners on site selection in new areas to expand the impact of our work.
- This Quarter, ESP also adapted the Field School approach to the Ministry of Forestry's Model Conservation Village Initiative. In close collaboration with the Ministry of Forestry, ESP provided training for more than 40 Village Facilitators from key National Parks across Indonesia in Sustainable Livelihoods Assessments, Community Planning, and various agroforestry and reforestation techniques.
- **Community-Based Land Rehabilitation.** This Quarter saw the Rainy Season commence across ESP field sites, starting in Aceh and North Sumatra and slowly moving to the east, down to and then across Java. These rains provided the enabling conditions for a number of significant land rehabilitation activities in all HPPs. While this work is well-documented in the Regional Updates section of this report, it should be noted that ESP effectively demonstrated a broad range of successful community-based initiatives that is receiving attention and support – and is being adopted by – a number of government and non-government organizations. Of special note is effective coastal rehabilitation in Aceh being adapted by BRR and others; community-based rehabilitation in West Java being adapted by Ministry of Forestry and being supported by a number of companies; and the commencement of an effective partnership between local communities and state-owned enterprise Perhutani for reforestation in East Java.
- **Participatory Protected Areas Management.** Significant progress was made with ESP's biodiversity conservation work this Quarter. Participatory planning and management activities picked-up pace in North Sumatra, West Java and East Java. Field activities are moving forward, and there is strong collaboration among stakeholders at the local level and across HPPs. Management forums have been

established, action plans are being developed and implemented, and Payment for Environmental Services models are being developed.

- Additionally, preparation of 5 Pride Conservation Campaigns continued. Stakeholder workshops, focus group discussions and community surveys were conducted. The surveys, which involved detailed questionnaires applied to about a total of 1,973 people, an average of 395 per site, collected information from which community perceptions about conservation issues and knowledge of such issues can be elucidated. In East Java, stakeholders identified fire and forest conversion for agriculture as two major threats to biodiversity in the R. Suryo Grand Forest Park (Tahura). Agus Wiyono, the Pride campaign leader, will facilitate creation and implementation of a community-led action plan to protect the Tahura forest. Panji Anom, Pide campaign leader in Central Java, found that the forest on the foothills of Sumbing Mountain, which is important habitat for the rare Javan Eagle, as well as a key water source, is threatened by conversion for agriculture and fuel wood collection. Farmers in the area support forest rehabilitation. More than 95% of respondents said that it is essential to conserve remaining forests and 73% are in agreement with forest restoration.
- In Sumatra, Rawa Singkil Wildlife Reserve is one of the most important habitats for Sumatran orangutans. Illegal logging and conversion to oil palm pose serious threats to the reserve. The survey showed very low support for conservation in the community. A campaign plan is being finalized that recognizes the serious challenges of achieving conservation outcomes at this site. Illegal logging has been escalating in Aceh. This is due to the increase demand for logs for post-tsunami reconstruction. The immediate impact on adjacent communities of logging was shown, through the survey, to be a decline in raw water supply and increased incidents of human-tiger conflict. Zakiah, one of two Pride campaign leaders in Aceh, found that 85% of respondents believe that a community-based forest management system will be helpful and will help to maintain the remaining forest. Cut Meurah Intan, the other Aceh-based campaign leader, will try to galvanize popular support for forest protection in Jantho Nature Reserve so that human-tiger conflict is reduced.
- **Water Quality Monitoring and Training.** ESP received water quality monitoring equipment, and rolled-out a water quality monitoring training program for ESP WSM staff and partners across HPPs. Protocol is being established to take regular, semi-annual (mid-Rainy Season and mid-Dry Season) water samples and analyze to determine the impact of ESP initiatives. Water quality is being tested for a range of parameters that will indicate levels of and changes in water quality due to land clearing or land rehabilitation, as well as changes due to various pollutants.

## SERVICE DELIVERY

The National program of the Service Delivery team continued further supporting and developing some key technical programs with PDAMs, continuing comprehensive sanitation program and preparing next years Indowater conference. The following list shows a number of highlights:

- **Increase Water for Poor.** ESP National team further developed its close collaboration with Worldbank and ECO-Asia programs. With the Worldbank and ESP is developing an OBA program to increase connections to safe water for an estimated 9,000 households in Surabaya over a period of three years. Since this will

be the first OBA (Output Based Aid) program with a local PDAM in Indonesia it will be the example for many other cities, including Medan and Bandung, both ESP target cities. The regional ECO-Asia program has agreed to support ESP with this important program in Surabaya by arranging exchange visit(s) between PDAM, PEMDA Surabaya, Manilla Water and Sri-Lanka, where the local water utilities have extensive experience with provision to poor households.

- **PDAM Energy Efficiency Audits.** The PDAM Energy Efficiency audit program has been completed successfully. ESP initiated discussion with Dutch consulting company and Dutch bank to jointly prepare proposal for Dutch funding to setup a Special Purpose company (SPC). This SPC will utilize the results of the ESP efficiency audits to establish a pre-financing program with a local bank (with partial credit guarantee by Dutch bank), so that PDAMs can purchase the necessary energy saving equipment and pay back from future energy savings. Proposal to Dutch g'ment (with value of US\$ 750,000) is due early February '07 and, if approved, the actual program will start mid 2007.
- **PDAM Non-Revenue Water Reduction (NRW) programs.** Reports are ready for ESP program for NRW and PDAM household sensus. Discussions were made with WBI and SEAWUN on future collaboration for further exposure on ESP experience on above program which demonstrates a 20% reduction in NRW and 20% revenue increase, through household meter replacement and customer tariff re-classification. Programs have been implemented in 6 locations sofar and will start in another 8 locations in next quarter.
- **ESP Sanitation Program.** City-wide sanitation strategies approach have been discussed with and agreed by four participating PEMDA (Padang, Medan, Surabaya, Malang). In all locations local working groups (POKJA) have been formed. BORDA presented citywide sanitation mappping for all locations using sanmap software and will continue training of PEMDA staff in next quarter. Purchase Order are prepared for installation of first group of Community Based Sanitation facilities. ESP National team also joined preparation meetings with Bappenas for National Sanitation Summit, to be held in April 2007.
- **INDOWATER 2007.** ESP has taken lead for an one day conference during the INDOWATER international conference and exhibition in June 2007. The 'USAID-day' will include four topics, all demonstrating ESP (and SWS) latest experiences in these fields: 1) Alternative Muncipal Financing; 2) Service provision to poor 3)Citywide sanitation strategies and 4) Point of Use household water supply. ESP also has taken the lead to organize an USA pavillion for US companies specialized in water- and waste water technologies.

## ENVIRONMENTAL SERVICES FINANCE

This Quarter, the Environmental Services Finance Team made significant progress in Full-Cost Recovery, Micro-credit, Municipal Bonds, the Indonesian Water Fund, and Payment for Environmental Services (PES). Highlights of this work are presented below.

### **Full Cost Recovery**

In addition to 10 water utilities<sup>1</sup> that have been advised on tariff levels needed to achieve reasonable cost recovery tariffs with the ultimate objective of raising commercial funding, ESP has started with two other water utilities, i.e. PDAM Kab. Karo and PDAM Kab. Langkat in North Sumatra. Considering the poor financial performance of the two PDAMs (operating ratio is low, at 80% and 62.6% respectively) would make it very difficult to achieve full cost recovery level, ESP assistance is emphasizing improvement of their operating ratios through the preparation of corporate plans.

Technical guidance for the debt restructuring procedure has been issued by the Ministry of Finance (MoF). This facilitates the pending process of the debt rescheduling proposal of PDAM Kota Bogor. The socialization to water utilities and local governments held by the MoF in Jakarta has resulted in requests to ESP by several PDAMs in West Java to assist in the preparation of proposals. A visit to each PDAM of Kota Sukabumi, Kt Bandung, and Kab Purwakarta was conducted to discuss follow-up of the preparation for debt restructuring proposals. Based on the fact that some of the PDAMs that ESP works with still have overhanging debt problems, ESP will first focus on assisting these PDAMs in resolving their debt problems, which potentially could improve their operating ratios.

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

Through the end of December 2006, seven master agreements on micro-credit financing have been signed. Five PDAMs (Kab. Bandung, Kab. Subang, Kota Sukabumi, Kota Malang and Kab. Sidoarjo) signed agreements with local branch offices of BRI, one PDAM (Kota Surabaya) signed agreements with both the local branch office of BRI as well as Bank Jatim. As follow-up on the signing of the MAs, ESP is providing internal training programs on micro-credit and its broader opportunity to the relevant personnel of PDAMs and banks.

ESP is also facilitating PDAM Kota Surabaya to develop the OBA program, financed through the World Bank. The OBA program is addressed to demonstrably poor families by providing subsidies for water connections. Around 9,000 households have been identified to qualify for this program. PDAM and ESP are currently determining the first batch of the poor to receive this subsidy.

### **PDAM Kab. Bogor Bond Issuance:**

PDAM Kabupaten Bogor has provided a mandate letter to PT. Danareksa to begin organizing the financing for the planned capital expansion. Oct-Dec 06 period was mostly used for the socialization of the bond issuance plan to the Supervisory Board and the PDAM's key personnel. On one occasion, PT Danareksa presented the result of the review to PDAM Kab. Bogor financing plan and structure. A preliminary survey followed by a detailed investigation of the feasibility (in term of water quantity and quality) of PDAM Kabupaten Bogor's water sources was conducted in collaboration between ESP's WSM Team and the PDAM technical staff. For the purpose of credit assessment, ESP sent invitation letters to bid to three credit rating companies, namely Fitch Rating Indonesia, Pefindo, and Kasnic Rating Indonesia. Finally, an integrated strategy document for Kab. Bogor has been developed to support the viability of PDAM investment plan.

A meeting with ADB was conducted to discuss a potential partnership with PDAM Kab. Bogor in terms of partial credit guarantee. A recent review of credit enhancement policy affirms that ADB no longer requires an anchor loan or a counter-guarantee for a partial credit guarantee. The PCG is now based entirely on the risk assessment.

<sup>1</sup> These included PDAMs in the following cities or regencies: Kota Bogor, Kota Malang, Kota Medan, Kota Subang, Kabupaten Bandung, Kabupaten Bogor, Kota Bandung, Kota Cirebon, Kab. Magelang and Kota Solo

### **Municipal Bond:**

ESP has selected a lawyer to provide technical assistance to the Ministry of Finance to draft a technical guidance (SOP) for the minister's regulation on municipal bonds (PMK), that would provide guidance for, as well as screening approvals for the issuance of municipal bonds. ECO-Asia, Bangkok, has come into play and collaborated with ESP for the program. The assignment of the lawyer started in October 2006. During the course of the work, MoF requested for assistance in reviewing the draft PMK first before proceeding with the preparation of the technical guidance. The draft PMK was submitted to the Minister for approval by the end of December 2006. The technical guidance (SOP) will be adjusted with the content of the PMK.

The draft PMK and its SOP are expected to be approved by the Minister of Finance in early 2007. Based on that regulation, ESP and Eco-Asia will work together with Kota Balikpapan to lay the groundwork for the proposed 2008 bond issuance.

### **Indonesia Water Fund (IWF):**

In an effort to accelerate the establishment of the IWF, ESP has made contacts and conducted several discussions with other donors (DSF, ADB, IFC) to assess the possibility of their involvement in the development of the IWF, particularly in terms of credit enhancement options. ADB has expressed its interest in potential partnership with the IWF. Danareksa has prepared the proposal for JBIC loan funding for the establishment of the IWF to be submitted to Bappenas to be listed in the Blue Book.

### **Payment for Environmental Services (PES):**

RMI has prepared draft final report of PES study and presented the draft to ESP for review. The study was done in DAS Progo, Central Java, and DAS Deli, North Sumatra. To finalize the study, there will be a workshop to present and discuss findings of the analysis and recommendations on the PES models and legal frameworks with related government, non-government, university and community stakeholders. Workshops will be held in both will be Central Java and North Sumatra.

## **STRATEGIC COMMUNICATIONS FOR BEHAVIOR CHANGE**

The Quarter was marked by the ramping-up of behavioral change intervention activities across all regions and in support of the Integrated ESP Site structure. An initial integrated approach harnessing media, community and individual as intervention target was developed during the period.

Health and Hygiene Communications work generated activities targeted to community by expanding the number of communities involved in HWS promotion linking to solid waste. In the previous year, there were close to 28,000 people exposed to HWS. The target for this year at the minimum is to triple the number since we are expanding the target audiences. This Quarter marked the beginning of Clean, Green and Hygiene School Programs, which were started with 2 schools affected by earthquake in Klaten, Central Java. This serves as a model, and will be adapted in other HPPs starting next Quarter.

Additionally, various health and hygiene communications material necessary to link 5 key behaviors (HWS, solid waste, latrine use, safe water and tree planting), was developed and is currently being produced. It is expected to be ready for use in February 2007.

Finally, a 10-minute monitoring program was developed to monitor behavior change for community hygiene. The tool was designed to be administered by *Posyandu* cadres and training was implemented in all ESP HPPs offices to 98 cadres to ensure that they acquired the capacity needed to execute the data collection for health monitoring.

This Quarter marked the launching of a one year MMC campaign developed to harness messages related to “Water Quality and Health” issues with the following sub-themes:

- Clean water for healthy life (This Quarter, Oct-Dec 06)
- Why community based sanitation system? (Jan- Mar 07)
- Change our behavior for the life of Indonesian child! (Apr-Jun 07)
- Clean water for the poor (Jul-Sep 07)

During the Quarter, ESP’s Public Outreach and Communications Team implemented MMC 6 focusing on Clean Water for Healthy Life messages. This was carried through layers of activities targeting media, decision makers and local leaders by developing understanding on relations between water and diarrhea. ESP engaged local partners (local governments, community, media and NGO) voicing out the issues through various communication channels. Importantly, this MMC drew significantly from the recently-completed ESP Health and Hygiene Formative Research.

There were 4 campaigns implemented by ESP and 4 set campaign materials developed by ESP and partner during the Quarter. A national event conducted by FORKAMI commemorating World Water Quality Monitoring Day was supported by ESP in Jakarta to convey water quality and health issues. All of this resulted in at least 78 articles placed in the local media and generated stronger support from media, local government and NGOs for ESP program. West Java’ prominent media, Kompas-West Java dedicated space for water and health related issues. Additional MMC 6 activities are still under implementation in other HPPs

## 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.

## PROGRAM OPERATIONS

ESP provided routine Program Management support to ensure efficient implementation of program activities in this, the First Quarter of Program Year 3. This included production, submission and distribution of the 2006 ESP Annual Report and the 2007 ESP Annual Workplan.

A number of significant Program Management actions occurred over the Quarter. As a result of a tighter than expected budget and continued strong demand for ESP work, ESP Program Management instituted Management-by-Budget, and provided senior management staff with tools and guidance to ensure more efficient use of budgets to achieve the greatest impact. Besides reduced costs, this is contributing to improved quality assurance. This Quarter, ESP also received STTA from Ms. Tami Fries. This was essential for a re-design of the ESP TAMIS to reflect the new, regionally-driven Integrated ESP Site-based format of the 2007 ESP Workplan. This STTA included TAMIS modification as well as TAMIS training. The Quarter was also marked by the commencement of Annual Performance Reviews for the nearly 200 staff currently working for ESP.

## SMALL GRANTS



The small grants program continues to play an important role in providing support to all program initiatives in achieving its targets. During this Quarter, the on-going 23 small grants program implemented in 8 ESP regions are progressing very well and made contribution to behavior change for better health and hygiene and decrease incidence of diarrhea in children, increased 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

As of this Quarter, the small grants program spread across each region is as follows:

Number	Region	Total Small Grants Program	Total Grants \$
1	Aceh	2	50,000
2	North Sumatera	10	193,221
3	West Sumatera	1	24,478
4	West Java	3	68,327
5	East Java	4	73,265
6	Central Java/Yogyakarta	1	25,000
7	North Sulawesi	1	14,811
8	National	1	24,361
	TOTAL	23	473,463

Total commitment for small grants up to this quarter is \$498,463 or 49.85% of the total grant funding of \$1,000,000 for the entire length of project of which 5 grants with a total value of \$25,000 have been completed.

Another five small grants will be completed in the next quarter and it is anticipated that ESP will have one grant for DKI Jakarta and hopefully one each in other regions. ESP anticipates committing a total of \$600,000 of grants up to the end of this fiscal year, or 60% of total grant funding. Grants are regularly monitored by assigned project managers.

## MONITORING AND EVALUATION

During this Quarter, Monitoring & Evaluation activities focused on TAMIS improvements and training, the development of ESP Longitudinal Studies, and design and training for 10-minute mini-baseline health and hygiene improvement surveys.

### ESP TAMIS Improvements

The new ESP 2007 Workplan required a significant re-design of TAMIS. Supported by Home Office STTA Tami Fries, key changes to TAMIS included:

- Archive: all workplan and logistic entries for Year 1 and 2.
- Library: All ESP publications and reports of Year 1 and 2. The publications and reports of Year 3 will also be stored in Library to save the space in the server.
- Year 3 Work Plan: setting of Year 3 work plan in ESP TAMIS is based on region. Another different setting is tracking of travel day.
- PMP Outcomes Section: the intake forms of all ESP quantitative achievement based on PMP are stored in ESP TAMIS. By having a special section for PMP achievement, it will be easier to collect data for PMP reporting.

Once design was completed, training was provided to ESP technical and administrative staff in all ESP offices.

### ESP Longitudinal Study Development

ESP Longitudinal Study was effectively started this Quarter. The study report is now being updated twice each year, in December and June. The study report consisted of a written profile of the longitudinal study sites and First Update of the ESP impacts in the sites. The M&E Specialist worked with the ESP Regional Team to prepare the profile and first update report of the study. The report of Longitudinal Study will be developed following USAID's story guidelines to have consistent style of reporting.

**Mini Baseline/Ten Minutes Monitoring for Health and Hygiene Improvement.**

During in this period, the activities related to Mini Baseline/Ten Minutes Monitoring for Health and Hygiene Improvement was focused on training for Posyandu Cadres on data collection and monitoring. Trainings were conducted in North Sumatra, Jakarta, West Java, Central Java/Yogyakarta and East Java. The training was facilitated by M&E Specialist, Health and Hygiene Coordinator and Health and Hygiene Specialists. A total of 98 people have been trained in data collection process of Mini Baseline/Ten Minutes Monitoring for Health and Hygiene. Most of the training participants were Posyandu Cadres plus Puskemas officers and Bidan Desa. The training activities were conducted through two different activities including classroom theory and field-based experimentation.



## 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: October – December 2006

<b>Component: Cross Cutting Theme/Integration</b>			
<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>\$36,000</b>. This amount was leveraged from total <b>4 PPPs</b> as follows:                             <ul style="list-style-type: none"> <li>– <b>Central Java/DIY:</b> \$2,000 leveraged from Pusat Penyelamatan Satwa Jogya and another \$9,600 leveraged from Agroforestry Services Office of Sleman District. Resources from both activities support land rehabilitation program in the Tangsi Sub-watershed area</li> <li>– <b>East Java:</b> Total amount leveraged during this Quarter is \$24,400. This includes \$2,200 leveraged from Brantas Project through GIRAB program and another \$22,200 from the local government of Malang District for development of community-based sanitation system in Kepanjen Malang.</li> </ul> </li> <li>• To date, total leverage through first Quarter of Program Year 3 is <b>\$1,955,200</b>. This includes \$1,919,200 leveraged through Year 2, plus this Quarter’s achievements. Total PPPs developed is <b>27</b>, including 23 PPPs developed through Year 2 plus 4 PPPs developed in this Quarter. This is <b>97.76%</b> of the life-of-project target.</li> </ul>
Collaborative program to support the Strategic Objective (SO) of Basic Human Service (BHS)	Number of integration program between ESP and other USAID Program	Twenty five (25) joint programs of integration conducted by ESP and other USAID partners (10 joint programs over project life)	<ul style="list-style-type: none"> <li>– In this Quarter, ESP has conducted <b>one collaborative program</b> with other USAID Programs in NAD. This collaboration was with SPD/DAI on development of materials for well assessment projects for their program in Aceh Besar and Banda Aceh.</li> <li>– To date ESP has conducted a total of <b>28 collaborative programs</b> with other USAID programs. This includes achievements through Year 2 (27 collaborative programs). This achievement exceeds life-of-program targets.</li> </ul>

Component: Cross Cutting Theme/Integration			
Deliverable	Indicator	Third Year Target	Progress
Public Outreach and Communication	<ol style="list-style-type: none"> <li>1. Number of campaign supported by ESP</li> <li>2. Number of campaign 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> <li>3. Twenty two (22) set of advocacy materials produced (80 set of materials produced over project life)</li> </ol>	<p>This Quarter ESP has conducted <b>a total of four (4) campaigns</b> consist of one Multi Media Campaign on “Clean water for healthy life”, two campaign supported WSM issues and one campaign supported SD issues. The MMC has been conducted through media relation activities (5 media discussion, 1 round table discussion, 2 media visit); Advocacy event (1 seminar, 4 media road show, 2 NGO discussions and 1 communication event); media campaign (5 talk shows in radio, one talk show in TV and opinion editorial). The campaign supported WSM issue was conducted in N. Sumatra on ecological farming and in E. Java is on media campaign for Brantas watershed management. The campaign supported SD issue was conducted as part of Cinta Air Program in Bekasi.</p> <p>There were <b>3 campaigns conducted by partner</b> achieved during this Quarter :</p> <ul style="list-style-type: none"> <li>- N. Sumatra: a partnership of BAPEDALDA - North Sumatra and BKSDA (<i>Balai Konservasi Sumberdaya Alam</i>) Wil. I North Sumatra conducted Biodiversity Campaign targeted to school children in City of Medan.</li> <li>- In Yogya: two campaigns by partners: Banyubening Bumiayu community group conducted advocacy events to increase leaders and media awareness also support toward water spring crisis at Kajoran Sub District and Humana Yogyakarta conducted water and health campaign for street children.</li> </ul> <p>For all those campaign, ESP produced <b>4 sets of campaign materials</b> that consist of fact sheets, presentation, backgrounder, event gimmick, article writing and leaflet.</p> <p>At least there were <b>78 news coverage</b> generated through the campaign at the national/local media both print and electronic media.</p>

Component: Cross Cutting Theme/Integration			
Deliverable	Indicator	Third Year Target	Progress
People participation in the ESP trainings and workshops	Number of people participate in ESP training and workshop	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 ESP has involved <b>2,256 people</b> in ESP trainings, workshops and seminar. The average percentage of women participation is <b>19.99%</b>. A total budget of \$ <b>24,401.08</b> was spent for the training activities through this quarter.</li> <li>To date, a total of <b>10,467</b> people have been participated in ESP trainings, workshops and seminar, which is 8,211 people have been involved in the Year 2006. The average of women participation up to date is <b>23.54 %</b>. The total cumulative of expenditure for training activities is <b>\$589,295.53</b> (<b>\$564,894.45</b> was spent for the training, seminar and workshop activities in the Year 2006)</li> <li>The women participation is decreased compare with the previous quarter which was <b>35,45%</b>.</li> </ul>

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)	<p>By the end of Year 2, ESP has initiated the development of <b>7 local policies</b> recognizing land tenure and access rights of community to manage forest land and watershed areas across the HPPs. This year an additional 5 will be developed.</p> <p>The progress toward this target in each HPP as follow:</p> <ul style="list-style-type: none"> <li>• <b>NAD:</b> A draft of local policy on environmental management specifically for use of river banks as conservation areas has been developed in Sub-DAS Jruek Balee through a workshop series</li> <li>• <b>N. Sumatra:</b> Limited progress has been made during this Quarter toward this.</li> <li>• <b>W. Java:</b> a MoU on management of TNGP buffer zone area (ex PHBM) by community. This MoU has been signed between community groups and Balai TNGP.</li> <li>• <b>C. Java:</b> Conducted multi-stakeholder mapping in 8 villages of Tangsi sub-watershed to identify local stakeholders, local wisdom and local policy related to community access rights, include participatory watershed management, conservation management and biodiversity conservation.</li> <li>• <b>E. Java:</b> socialization and development of local policy (Perdes) at village level in Mojokerto and Pasuruan District</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-	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. Below is the details description of community nursery and land rehabilitation programs.</li> <li>• Community nursery program activities: <ul style="list-style-type: none"> <li>○ <b>NAD:</b> 8 community nurseries have been developed (1 Jruek Balee, 1 Jruek Bak Kreeh, 1 Blang Lambaro, 2 Jantho Baru, 1 Lam Seunia, 1 Sawang, 1 Kuala Meurisi). The Nursery in Jruek Bak Kreeh was developed by the community in Jruek Bak Kreeh in cooperation with Jruek</li> </ul> </li> </ul>

Component: Watershed Management and Biodiversity Conservation (WS)			
Outcome	Indicator	Third Year Target	Progress
commercial are planted)			<p>Balee Nursery, while in Jantho Baru from 1 nursery developed to 2). Total about 116,500 seedlings have been produced from these nurseries. About 11,675 seedlings were planted in Krueng Aceh Watershed area, 1500 in Ulu Masen and 32,570 in West Coastal Corridor.</p> <ul style="list-style-type: none"> <li>○ <b>N. Sumatra:</b> community nursery is continuing in Sibolangit area in collaboration with OIC (grantee), Doulu-Semangat Gunung, Martelu, Sikeben, Sayum Sabah</li> <li>○ <b>W. Java:</b> total 167,356 tree seedling have been planted as the result of the development of community nursery in Sub-watershed area of Cikundul and Cilaku (Cianjur) and sub-watershed area of Cileuleuy-Cilamatan (Subang)</li> <li>○ <b>C. Java/DIY:</b> 3.000 aren (<i>Arenga pinnata</i>) seedling provided by Pusat Penyelamatan Satwa Jogja (Yogyakarta Animal Wildlife Rescue Center) and 3.000 multi purpose trees species prepared by community groups in 9 villages of Sub-DAS Tangsi. Another 10,000 commercial tree seedlings provided by Agro-Forestry Service Office of Central Java province to be ready for land rehabilitation program.</li> <li>○ <b>E. Java:</b> as part of Small Grant Program LMDH prepared 361.000 commercial trees species and 94.100 multi purpose trees species are ready for the land rehabilitation program. This nursery was conducted in 3 villages of Batu Municipality such as Oro-Oro Ombo, Tulungrejo and Bumiaji.</li> </ul> <ul style="list-style-type: none"> <li>• The progress during in this period for land rehabilitation includes: <ul style="list-style-type: none"> <li>○ <b>NAD: 1,567 ha</b> was planted during in this Quarter in Krueng Aceh Watershed area (total 594 ha area have been planted in the district of Aceh Besar), Ulu Masen (total 181 ha area have been planted in the district of Aceh Besar)</li> </ul> </li> </ul>

Component: Watershed Management and Biodiversity Conservation (WS)			
Outcome	Indicator	Third Year Target	Progress
			<p>and West Coast Corridor or Krueng Sabee-Geupue Watershed area (total 553 ha area have been planted in the district of Aceh Besar and 239 ha in Aceh Jaya)</p> <ul style="list-style-type: none"> <li>○ <b>N. Sumatra:</b> tree planting of 31,170 of seedlings already distributed to community in Sibolangit by OIC. These seedlings have been planted on <b>173.6 ha</b> of critical land (Salabulan dan Sikeben villages, Sibolangit Sub-district, Deli Serdang District).</li> <li>○ <b>W. Java:</b> Total <b>515.5 ha</b> have been planted in Cianjur and Subang District, including 370 Ha with 110,996 tree seedlings in Sub DAS Cikundul-Cilaku Cianjur; 91 Ha of 36,360 tree seedlings in RHLP Program Cianjur; and 54.5 Ha of 20,000 tree seedlings in Sub DAS Cileuleuy-Cilamatan of Subang.</li> <li>○ <b>C. Java/DIY:</b> Total <b>240 ha forest and watershed areas</b> have been planted through the land rehabilitation program including 180 ha land and forest rehabilitated through collaboration with Agro-Forestry Service in Sleman District and 60 ha of land and forest areas surrounding Menoreh Hill have been planted through ESP WSM Field school activities in collaboration with Junior and High school students.</li> <li>○ <b>E. Java:</b> there is limited progress for land rehabilitation activities in this Quarter.</li> </ul> <p><b>Total achievement of this outcome during this Quarter is 2,496.1 hectares (39.73% of the target of Program Year 3).</b></p> <p>To date, total achievement is <b>25,444.65 ha</b> of degraded land in HPPs watershed areas planted through land rehabilitation activities. This achievement is <b>72.22%</b> of the total target over the life of the program.</p>

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)	<p>In this year, ESP is focusing its work on 6 protected areas with high biodiversity values across HPPs. Total area with increased high biodiversity value is estimated at 43,071 hectares. The measurement of the achievement on hectares will be valued in the end of this year. However, progress made toward this outcome in each HPP is described below:</p> <ul style="list-style-type: none"> <li>○ <b>NAD:</b> Progress with PRIDE campaign activities that were conducted in Jantho (Ulu Masen), Saree (Krueng Aceh) and Leupung (West coastal Corridor)</li> <li>○ <b>N. Sumatra:</b> Several collaborative management activities include collaboration with ESP grantee (PALAPA) on conducting critical investigation of humus piracy, development of Tahura Water Forum, 2 units of ESP WSM Field School and Participatory watershed mapping training</li> <li>○ <b>W. Java:</b> conduct two TOTs (for Balai TNGP staff and community groups from 4 villages surrounding TNGP (Sukatani and Kebon Pete/Cianjur, Leuwisapi/Bogor and Sukamaju/Sukabumi) and conducted participatory planning at village level in the villages</li> <li>○ <b>C. Java/DIY:</b> SMART objectives of PRIDE campaign have been developed after early survey in 8 villages surrounding Potorono hill on village and community profiles and perception on biodiversity conservation.</li> <li>○ <b>E. Java:</b> develop data base for Tahura R. Soeryo through habitat mapping that is based on the spatial data interpreted from the satellite imaginary, contour line, and land coverage. This activity is a collaborative program among ESP, Brawijaya University, UPT Kebun Raya Purwodadi LIPI and Profauna. Another activity is development of SMART objective of PRIDE campaign in Desa Jatirejoso and Dayurejo, two ESP conservation villages model surroundings the Tahura Soerjo.</li> <li>○ <b>National:</b> ESP training in facilitation skills based on Field School approach for Conservation Villages for 40 Facilitators working in 40 National Parks across Indonesia, in TN GGP. 67</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>6,140 people</b> benefited from community-based coastal rehabilitation activities in targeted areas (west coast corridor and Lhoknga) of Aceh.</li> <li>• To date, a total of <b>8,980 people</b> have received benefits from ESP coastal rehabilitation activities. This number includes the total achievement for the Year 2 i.e. 2,840 beneficiaries. This achievement already <b>exceeds</b> the total target over the life of the project.</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)	<p>This Quarter ESP continued to work on development of WSM plans to meet the target of this year. ESP plans to develop 12 WSM plans from 10 watershed/sub-watershed areas including 2 watershed areas in NAD, 2 sub-watershed areas in N. Sumatra, 2 watershed areas in West Java, 2 sub-watershed areas in Central Java and 1 watershed area in E. Java. Below is the progress toward the outcome achievement in each HPP:</p> <ul style="list-style-type: none"> <li>○ <b>NAD:</b> Limited progress to report this Quarter</li> <li>○ <b>N. Sumatra:</b> Limited progress to report this Quarter</li> <li>○ <b>W. Java:</b> Limited progress to report this Quarter</li> <li>○ <b>C. Java/DIY:</b> Strengthened inter-village network at 15 villages involved 30 village facilitators and 15 village leaders, as a pre-conditioning period and early steps for the development of WSM Forum. Simultaneously, draft of Tangsi Sub-Watershed Management plan has been developed and will be discussed at the workshop</li> <li>○ <b>E. Java:</b> conducted serial workshop at the village level, habitat mapping and secondary data collection as part of development of WSM plan for Tahura R. Soeryo. For WSM plans in DAS Sumber Brantas, conducted a launching of GIRAB (<i>Gerakan Intensifikasi dan rehabilitasi Alam Bumiaji</i>) as part of development multistakeholder forum in Kota Batu. This forum will be a foundation for development of WSM plan for DAS Sumber Brantas</li> </ul>

Component: Watershed Management and Biodiversity Conservation (WS)			
Outcome	Indicator	Third Year Target	Progress
WS 1-4 Community groups supporting improved natural resource management created	Number of community groups implement activities to improved 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>• This Quarter ESP started working with <b>41 new community groups</b> across HPPs on the implementation of improving natural resource management. Below is the detailed information on the progress toward this outcome for each HPP:                             <ul style="list-style-type: none"> <li>○ <b>NAD:</b> <b>14 new community groups</b> established and strengthened in the villages of Krueng Aceh Watershed areas. ESP continues to support 3 existing community groups in this watershed area.</li> <li>○ <b>N. Sumatra:</b> <b>18 new community groups</b> have been supported by ESP in Karo district (11 groups) and Deli Serdang district (7 groups)</li> <li>○ <b>W. Java:</b> <b>7 new community groups</b> have been supported by ESP in Subang, Bogor and Sukabumi, consist of 3 community groups in Sub-watershed area of Cileuleuy-Cilamatan and 4 community groups surrounding TNGP area (2 in Cianjur, 1 in Bogor and 1 in Sukabumi). However, ESP West Java continues to support the existing 35 community groups on the activities related to improving natural resource management</li> <li>○ <b>C. Java:</b> continues to support 15 community groups from 15 villages in Tangsi Sub-watershed area through the implementation of initial actions of ESP WSM Field School that consist of 12 community groups conduct conservation activities and another 3 community groups for conducting program, activities related to clean, green and hygiene approach</li> <li>○ <b>E. Java:</b> in this Quarter ESP East Java continues to work with 10 existing community groups in Batu on GIRAB Program (<i>Gerakan Intensifikasi dan Rehabilitasi Alam</i>). ESP continued to support 2 existing community groups and 1 new community group for community-based nursery in</li> </ul> </li> </ul>

Component: Watershed Management and Biodiversity Conservation (WS)			
Outcome	Indicator	Third Year Target	Progress
			<p>Batu. Plus, ESP worked <b>with 2 new community groups</b> who support the implementation of PRIDE campaign in Tahura R. Soeryo.</p> <ul style="list-style-type: none"> <li>To date, ESP has been working with a total of <b>167 community groups</b> across HPPs. This includes groups formed in Program Year 1 (52 community groups) and Year 2 (74 community groups), plus this Quarter's 41. This total achievement is <b>66.8%</b> of the life-of-program target.</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 in 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>• Starting in Program Year 3, ESP added 10 PDAMs to work with, however, due to reduced budgets, ESP will no longer work with 3 PDAMs from West Sumatra and PDAM Manado. Currently, total <b>26 PDAMs across HPPs</b> are working with ESP to improve their performance in order to provide better services for clean water supply. Including the completed programs with above mentioned 4 PDAMs, this number of PDAM is <b>90.91%</b> of the total target over the life of the program.</li> <li>• Below is the progress achieved toward the outcomes during this Quarter in each HPP: <ul style="list-style-type: none"> <li>○ <b>NAD:</b> conduct one week training on budgeting for PDAM Staff of PDAM Aceh Barat, Aceh Besar and Banda Aceh. In this three PDAMs also conducted water quality monitoring programs. Other activities were initiation of Corporate Plan and develop SOP for PDAM Tirta Mountala of Aceh Besar. ESP also supported on asset re-evaluation for PDAM Banda Aceh and Aceh Besar. An ESP proposal for re-structuring the organization of Tirta Meulaboh (Aceh Barat) was accepted by Bupati Aceh Barat.</li> <li>○ <b>N. Sumatra:</b> conduct staff on the job training program in analysis and mapping of the transmission and distribution in PDAM Karo (3 days, 3 times) and Langkat (3 days, 3 times), and develop design activities for optimalization of the water treatment plant in PDAM Langkat and Sibolga, design will be used as reference by PDAM for improvement of services at system by using APBD and DAK.</li> <li>○ <b>W. Java:</b> study and implementation of NRW reduction for PDAM Sukabumi especially for Cibadak branch system. Discussion with 4 PDAMs around Bandung on</li> </ul> </li> </ul>

Component: Service Delivery (SD)			
Outcome	Indicator	Third Year Target	Progress
			<p>close collaboration with regard water source protection and management. Preparation household sensus with PDAM Kota Bogor. Support Eco-Asia with survey of public-taps in Kota Bandung.</p> <ul style="list-style-type: none"> <li>○ <b>C. Java/Yogya:</b> updated corporate planning of PDAM Yogyakarta is in progress toward performance improvement. NRW Activities in PDAM Yogyakarta, PDAM Surakarta are in preparation.</li> <li>○ <b>E. Java:</b> As part of energy audit program, PDAM Gresik has replaced 5 old pumps with 3 new ones. A training program on GIS has been provided to PDAM Kota and Kab. Malang, and Kota Pasuruan, a brief training program on NRW for 30 staff of PDAM Kab. Malang, and a training on general aspects of water supply to 16 community based systems in Malang District. NRW reduction program continues in Sawojajar of PDAM Kota Malang's service area with PDAM's internal resources built on results of ESP's previous assistance.</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>● ESP will count the quantitative achievement of this outcome in next Quarter. However, several achievement have been made during this Quarter as follow: <ul style="list-style-type: none"> <li>○ <b>NAD:</b> feasibility study examining the piping of water from Jantho Springs to Banda Aceh area was completed. ESP supports three community groups in Aceh Besar on rehabilitation of water distribution system in collaboration with PDAM Aceh Besar. In Jruek Balee ESP support to improve individual water sources through drilling four deep wells and install roof-top reservoirs. Design of community water supply has been developed in Sukadamai Village.</li> <li>○ <b>N. Sumatra:</b> On the PDAM program, impact on the</li> </ul> </li> </ul>

Component: Service Delivery (SD)			
Outcome	Indicator	Third Year Target	Progress
			<p>job the training analysis and mapping distribution, PDAM have ability to make as built drawing around 4000 costumers at the distribution system Karo and Langkat, PDAM Karo can reduce 84 illegal connections with potential saving 10 million/month; Increase new connection on PDAM Tirtanadi, Karo, Langkat and Sibolga around 7,100 new connections. While the community-based water supply program, JKM (ESP grantee), initiated connections for over 70 urban poor families in Kampung Baru Medan.</p> <ul style="list-style-type: none"> <li>○ <b>DKI Jakarta:</b> rehabilitated of 22 shallow wells in Kalijaya Village of Bekasi (USAID Anchor Site). This activity was benefiting 295 families (equal with 1,521 people)</li> <li>○ <b>W. Java:</b> there is limited progress during this Quarter toward the achievement of this outcome</li> <li>○ <b>C. Java:</b> Conducted Pre-Feasibility Study for PDAM Kabupaten Magelang and Kota Surakarta to accelerate increase access through new investment</li> <li>○ <b>E. Java:</b> Progress have been made in Surabaya related to this outcome i.e. the City of Surabaya has agreed to join the Output Based Aid program by sending out an official letter signed by the Mayor of Surabaya to the World Bank and signing of agreement with local banks for micro-credit for new connections for poor households.</li> </ul>
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>This Quarter ESP continues to work in <b>14 (fourteen) return communities</b> as achieved by the end of Year 2006. These communities are located in four Districts such as Aceh Jaya, Aceh Barat, Banda Aceh and Aceh Besar.</p> <p>During this quarter ESP added <b>13 new return communities</b>. These communities are located in three Districts such as Aceh</p>

Component: Service Delivery (SD)			
Outcome	Indicator	Third Year Target	Progress
			<p>Barat, Banda Aceh and Aceh Besar. Below is the details information on the progress of the activities in new return communities:</p> <ul style="list-style-type: none"> <li>• Four (4) community 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) with four communities (dusun). Organizing users group.</li> <li>• One (1) community in Penagan Rayak, Meureboh, (Aceh Barat) Mini ESPs, a pesantren building communal septic system.</li> </ul>
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>• Sanitation workshop conducted with PEMDA representation of all target locations in Jakarta, where plans and follow-up were introduced and agreed upon</li> <li>• Presentation by BORDA of city-wide sanitation mapping progress in four target locations (Medan, Padang, Malang, Surabaya)</li> <li>• Support preparation visits by Worldbank to Surabaya, including provision of office space for WB staff in ESP office, to help prepare grant programs for improving sanitation infrastructure in Surabaya.</li> </ul>

Component: Service Delivery (SD)			
Outcome	Indicator	Third Year Target	Progress
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>• By the end of Year 2, ESP had initiated the development of <b>16 SWMSs</b> across the HPPs which two of them were completed. <b>In this year, ESP plans to add 7 SWMSs</b> in NAD, Central Java/DIY, and East Java. To date, ESP continues to work on development of <b>total 23 SWMSs</b> across HPPs, which will exceed LOP target.</li> <li>• Below are details of progress made in this Quarter on the development of the SWMS in each HPP: <ul style="list-style-type: none"> <li>○ <b>NAD:</b> Negotiations and planning begun in Gle Bruek village, Lhoong sub-district, Aceh Besar</li> <li>○ <b>N. Sumatra:</b> this Quarter continue to support the existing SWMS in Tembung, in collaboration with Bis Peduli and JBIC. Several trainings for communities on solid waste management have been conducted to support the development of this system. Bis Peduli is launching their flakes produced machine for plastic recycling in Medan and Deli Serdang. Community Action Plan for Solid Waste in Sei Mati is developed, whereas other small grant sites like Kampung Baru is being developed.</li> <li>○ <b>W. Java:</b> continue to support the implementation of 6 SWMS in Bandung (1), Cianjur (3) and Subang (2). The activities in Bandung and Cianjur during in this Quarter conducted several training on recycling, composting and waste separation. In Subang District, the activity during this quarter was focus on adapting Field school approach for this program activity.</li> <li>○ <b>DKI Jakarta:</b> there is limited progress have been made during this Quarter toward this outcome</li> <li>○ <b>C. Java:</b> Conducted community organizer workshop with 2 agendas; field visit and planning on community regular meeting. Implementing community planning and initial action through 7 regular meeting by adapting Field School process. This activities involved 6 community organizers</li> </ul> </li> </ul>

Component: Service Delivery (SD)			
Outcome	Indicator	Third Year Target	Progress
			<p>from 6 villages, 2 in Yogya, 1 in Sleman and 3 Magelang District</p> <ul style="list-style-type: none"> <li>○ <b>E. Java:</b> in this quarter ESP E. Java continued to support the development of SWMSs in Surabaya (Wonokromo, Gading and Ketabang) through several training activities such as training and field visit</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	<p>a) Total cumulative 19 SSSSs (20 SSSSs over project life)</p> <p>b) 9,055 people benefiting from the SSSSs</p>	<ul style="list-style-type: none"> <li>• By the end of Year 2006, ESP had initiated <b>16 community-based sanitation systems SSSSs</b> across HPPs. <b>In this year, ESP plans to add 4 SSSSs</b> in NAD, DKI Jakarta and Central Java/DIY. So, <b>total 20 SSSSs</b> are supported by ESP during this Year of 2007.</li> <li>• Below are details of progress made during this Quarter: <ul style="list-style-type: none"> <li>○ <b>NAD:</b> Two new communal systems with 100 users. Another achievement was NGOs, Medair (Desa Pasir, Johan Pahlawan, Aceh Barat) and Caritas (Rigaih, Setia Bakti, Aceh Jaya), build 314 houses in two villages using ESP principles, 1570 people.</li> <li>○ <b>N. Sumatra:</b> the progress during this Quarter was related to development of water treatment system in Kampung Baru led by JKM with support from ESP and Bappedalda. With the capacities of 100 people new MCK is under construction.</li> <li>○ <b>DKI Jakarta:</b> Installation of first community-based sanitation system prepared with BEST, all installation costs paid by Mercy Corps.</li> <li>○ <b>West-Java:</b> during this Quarter, ESP W. Java has initiated the development of SSSSs in Kota Bandung (Hegarmanah/Cimbeleuit) and Subang District (Gunung Tua/Cijambe). The activities have been conducted were identification of potential location and review of the SSSS design.</li> </ul> </li> </ul>

Component: Service Delivery (SD)			
Outcome	Indicator	Third Year Target	Progress
			<ul style="list-style-type: none"> <li>○ <b>C. Java/DIY:</b> one community group implemented initial action on communal septic tank (toilet) in Sangen Village of Magelang District, covered 10 households</li> <li>○ <b>East Java:</b> in collaboration with BORDA, continued to develop the SSSS in RW II Kelurahan Curung Rejo, Kepanjen, Malang through implementation of several activities such as site selection for CBS location, socialization with community organized by BEST, training TFL for Kota Surabaya and Kabupaten Malang Local Government Organized by BORDA, drawing DED report, cost estimates. Also further work was done to finalize the CBS/Waste water garden in Temas, Batu.</li> </ul>
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>● During this Quarter, 10 minutes monitoring tool to monitor diarrhea incidents and hygiene behavior was design and finalize, and 87 Posyandu cadres in 5 provinces (excluding NAD) were trained as interviewer for data collection on diarrhea and hygiene behavior monitoring.</li> <li>● H&amp;H expand its intervention following the new Communication Strategy to include school as one of the key element in its behavior change intervention. The communication material to support this new intervention is currently underway.</li> <li>● Below is the details progress have been made in each region on Health and Hygiene improvement: <ul style="list-style-type: none"> <li>○ <b>N. Sumatra:</b> local materials for hand washing with soap (HWS) campaign have been developed, produced and utilized by ESP Partners, school partners and community partners. HWS campaign in schools have been conducted in Sibayak Valley and Sibolangit involved 1920 students from the schools.</li> </ul> </li> </ul>

Component: Service Delivery (SD)			
Outcome	Indicator	Third Year Target	Progress
			<ul style="list-style-type: none"> <li>○ <b>W. Java:</b> 23 cadres &amp; community organizers (old and new) received refreshing training on communicating hand washing with soap issues in Tamansari, Bandung. 22 community members in Cijambe were trained in communicating H&amp;H messages through Field School</li> <li>○ <b>C. Java/DIY:</b> Developed action plan for Clean and Green School with school team through workshop, study tour and focus group discussion. The Clean and Green action plan has 3 main activities: learning forum, initial model implementation and follow up activity</li> <li>○ <b>E. Java:</b> Socialization and promotion of hand washing with soap practices to 140 PKK cadres from Tandes Surabaya and 60 community organizers in Paciran Lamongan (in collaboration with Muhammadiyah through Small Grant Program)</li> </ul>

<b>Component: Environmental Services Finance (FN)</b>			
<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>From 10 water utilities we have worked with (PDAMs in Kota Bogor, Kota Malang, Kota Medan, Kota Subang, Kabupaten Bandung, Kabupaten Bogor, Kota Bandung, Kota Cirebon, Kab. Magelang and Kota Solo) 5 PDAMs have their tariffs increased and reached full cost recovery) PDAM Kota Medan, Kab. Bogor, Kota Bogor, Kab. Subang and Kota Bandung). PDAM Kab. Bandung’s tariff increase is delayed till 2007.</li> <li>The fact that some of PDAMs that ESP works with is not operating in full cost recovery basis and some still have overhanging debt problems, ESP will first focus on assisting PDAMs in improving the operating ratio and or resolving their debt problems, which potentially could improve the operating ratios. Due to this the wording of this outcome is proposed to be revised to: “At least 30 PDAMs demonstrate an average improved operating ratio of 15% or submit a proposal to restructure outstanding debt”.</li> <li>Two more PDAMs in North Sumatera (Karo and Langkat) are assisted to improve their operating ratios as described in the preparation of the corporate plans.</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>A revision to this outcome has been proposed. 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”.</li> <li>ESP has provided MoF with the technical assistance to review the draft PMK (Ministry regulation) on Municipal Bond and the SOP (technical guidance) for the regulation.</li> </ul>
FN Outcome #3 – At least 10 DCA projects for investment in the environmental services sectors are developed and	Number of projects related to environmental services sectors that execute a guarantee agreement with DCA developed and	0 (10 over project life)	<ul style="list-style-type: none"> <li>PDAM Kabupaten Bogor has provided a mandate letter to PT. Danareksa to begin organizing the financing for the planned capital expansion. ESP office has sent invitation letter to bid to three potential bidders (Pefindo, Kasnic and Fitch) to assess the rating of PDAM and the investment</li> </ul>

Component: Environmental Services Finance (FN)			
Outcome	Indicator	Third Year Target	Progress
implemented	implemented		<p>program.</p> <ul style="list-style-type: none"> <li>A revision is proposed to this outcome, considering that rather than focusing solely on the use of DCA, ESP will directly address the outcome to getting more private money into water utilities (either through domestic banks, capital market, DCA or ADB guarantee). The proposed revision is: “At least 10 PDAMs or local governments are assisted in the development of plans to access commercial financing through DCA or other means”.</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)	This outcome is proposed to be deleted. Credit rating is integral to bond offerings to ensure market acceptance. Therefore it is not necessary to set this as a separate activity.
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)	<p>ESP has been assisting PDAM Kab. Bogor in the preparation of bond issuance to finance expansion system investment program in East and Central Bogor (see also progress of outcome #3). Another assistance is to Balikpapan to prepare feasibility study on municipal bond offering. The SOW has been discussed and approved.</p> <p>Proposed revision to this outcome is simply the deletion of “general” since general obligation bonds are not permitted in Indonesia.</p>
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>Amount (\$) of funding generated from public or private sector to expand the impact of ESP outcomes in Aceh</li> <li>Number of PPP developed to expand the impact of ESP outcomes in Aceh</li> </ol>	<ol style="list-style-type: none"> <li>\$ 200,000 (\$ 400,000 over project life)</li> <li>5 PPPs (20 PPPs over project life)</li> </ol>	<ul style="list-style-type: none"> <li>During this quarter, ESP Aceh had leveraged for total amount of <b>\$48,500. This amount was received from 2 PPPs.</b> This amount received from the collaboration with BRR (\$40,000) and DKP (\$8,500) to support the program of coastal rehabilitation program in Aceh Jaya and Aceh Besar</li> <li>To date, <b>a total of \$12,344,500</b> has been leveraged to support the program in Aceh. This achievement is exceeded from the target of over life project.</li> </ul>

Component: Environmental Services Finance (FN)			
Outcome	Indicator	Third Year Target	Progress
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)	<p>During this Quarter, total 5 master agreements have been signed. From last year achievement, 1 master agreement has been signed. To date, total 6 master agreements have been signed in West Java and east Java.</p> <p>Below is the details information on the progress have been made in this Quarter toward this outcome:</p> <ul style="list-style-type: none"> <li>• <b>W. Java:</b> PDAM Kota Sukabumi and Kab. Subang have signed master agreement with BRI. To add with PDAM Kab Bandung that already signed the MA in previous quarter, totally there are 3 Master Agreements signed. ESP already conducted 3 training in Bandung District, Subang District and Sukabumi Municipality for PDAM and bank staff related on the implementation of micro-credit program</li> <li>• <b>C. Java/DIY:</b> Draft MOU between PDAM Kota Surakarta and BRI has been prepared in this quarter.</li> <li>• <b>E. Java:</b> 3 master agreements have been signed, two in Surabaya with Bank Jatim and BRI Surabaya Branch Office and one in Kabupaten Sidoarjo with BRI Sidoarjo Branch Office. Another activity was Internal training for relevant staffs of PDAM, BRI and Bank Jatim of Kota Malang, Kab. Sidoarjo and Kota Surabaya on micro credit for water connection</li> </ul>
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)	Draft final report of PES study has been prepared and presented to ESP for review. The study was done in DAS Progo, Central Java, and DAS Deli, North Sumatera. A workshop to present and discuss findings of the analysis and recommendation on the PES model and legal frame with related government institutions, academia and representation of community will be held, in parallel, in Jogja and Medan

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)	Spatial plan for village of Blang Phon in Aceh Besar. This was done in collaboration with CARE
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 network of supported implementation of two Sustainable Sanitation workshops and direct TA.
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 A: UPCOMING ACTIVITIES BY REGION****October – December 2006****ACEH:**

<b>Dates</b>	<b>Type</b>	<b>Description</b>
		<b>Blue Thread in Krueng Aceh</b>
Jan - Mar	FS	Implementation of 3 FS
Jan	CGE	Community Groups Establishment (WSM)
Jan	Other	Land rehabilitation (WSM)
Jan - Mar	Other	Support community and nursery in preparing of land rehabilitation for rainy season period of Sep.07 to Feb.08. (WSM)
Jan - Mar	Workshop	Development local policies (Perdes) in Jruék Balee and Sukadamai (Alurmancang) (WSM)
Jan - Mar	SRI	SRI Development in Jruék Balee and Jruék Bak Kreeh (WSM)
Jan - Mar	Other	Installation of water supply systems in Blang Lambaro, Sukadamai and Jruék Balee (SD)
Feb - Mar	Workshop	Action Planning Workshops for Sub-DAS Krueng Jreue, Sub-DAS Krueng Inong, Action Plan for Protection of Mt. Seulawah springs (WSM)
Feb - Mar	Workshop	Increasing the role of the public in the management and use of land in TAHURA Pocut Meurah Intan (WSM)
Jan	FGD	Water filtration system planning in Meuraxa (SD/EN)
Feb - Mar	Other	Water filtration system implementation (SD/EN)
Feb - Mar	Other	Pride Campaign in Saree
		<b>Mini ESP in West Coast</b>
Jan - Mar	FS	Implementation of 2 FS in Lhoong sub-district to improve water, sanitation and solid waste management
Jan	CGE	Community Groups Establishment (WSM)
Jan	Other	Coastal rehabilitation: Lam Seunia, Keude Krueng Sabee, Babahngom, Sawang (WSM)
Jan - Mar	Other	Support community and nursery in preparing of land rehabilitation for rainy season period of Sep.07 to Feb.08. (WSM)
Jan - Mar	TA	Water supply system installation in Kuala Meurisi with AmRC (SD)
Jan - Mar	TA	Water supply system installation in Sawang (SD)
Feb - Mar	Workshop	Develop action plan for coastal protection in Krueng Geupu and develop action plan for protection of Sub-DAS Krueng Lageun (SD)
Jan - Feb	TA/Installation	Community sanitation system in Penangan Raya, Aceh Barat (SD)
		Sanitation clinics to reduce diarrhea in three Cot Darat, Suak RIBE, Penagen Raya and Desa Pasir (SD)
Jan - Feb	TA	Participatory community spatial planning in Lhoong and Kuala Meurisi (EN)
		<b>Clean, Green and Hygiene in Lhoknga</b>
Jan	Other	Coastal rehabilitation in Nusa (WSM)
Jan - Mar	TA	Establish water users organization (HIPAM) in Lampuuk (SD)
Feb - Mar	FS	Field School focused on maintenance and management for water users organization in Lampuuk (SD)

Jan - Mar	Training	Continue Watsan campaigns in Nusa and Lamkruet
Feb	TA	Establish revolving fund to enhance access of poor in Nusa to PDAM water (SD)
Jan - Mar	TA/Training	Support community in maintenance and operation of communal waste-water garden and water-refill station (SD)
		<b>Ulu Massen</b>
Jan - Mar	FS	Implementation of one FS in Bueng
Jan - Mar	Other	Pride campaign in buffer zones east and west of Ulu Massen
		<b>Municipal Program</b>
Jan	Training (OTJ)	Develop PDAM Aceh Besar corporate plan (on-going)
Jan	Training (OTJ)	Re-evaluation of assets in 3 PDAMs (on-going)
Jan	Training (OTJ)	SOP implementation in Banda Aceh and Aceh Barat (on-going)
Jan	Other	Support for IRD/UNICEF PDAM program (on-going)
Feb	Training	Basic accounting training for PDAM Meulaboh
Feb	Training by YPTD	Management training for middle managers of all three PDAMs
Feb	Other	PDAM customer and non-customer census in Meulaboh
Mar	Other	Tariff review of PDAM Banda Aceh

**NORTH SUMATRA:**

<b>Dates</b>	<b>Type</b>	<b>Description</b>
January 10-11	Workshop	'Farmer to farmer' field school review and planning workshop, Sibolangit
Mid-January	MOU-Launch	Signing of MOU between ESP-Aqua Danone-Sibayak Farmers Association for composting, land rehabilitation/trees and ecological agro-forestry
January 18	Participatory Mapping	Follow-up participatory mapping of perimeter forest areas subject to Humus Piracy
January 23	Field Survey	Field Survey of biodiversity potential in TAHURA area
January	Training	Training in composting and tree nursery establishment
January	Seminar and launch	'Trash Bank' seminar and program launch with Bis Peduli, Credit Union, and micro-credit of Bank Mandiri
January	Campaign	Handwashing with soap campaign for Posyandu Cadre and Bidan Desa
January	Workshop	Solid Waste management workshop in Sunggal, Medan
January	Field School	Watershed management
January	Media Campaign	'Lau Petani Comm. Forum' media training
February 12-15	Group Meetings, field surveys	Identification of stakeholders and critical sub-DAS areas in DAS Wampu with PARAS
February	Campaign	Media and community campaign on Humus Piracy issue, Sibolangit
February	Training	Expanded efficiency training in Karo district to more IKK
February	Forum Creation	Launch of 'Alliance of Women and the Environment', with BAPPEDALDA and Provincial Women's Empowerment Bureau
February	Festival/Campaign	School Health Festival in Sikeben, Doulu, Semangat gunung Schools with community, farmers, PPAI
February	Training	Training in community based water system management with PARFAS in Langkat
February	Stakeholder forum	Forum with key stakeholder and communities on humus and other TAHURA management issues
February	Water Day	Water testing day in Schools, Lau Petani site
February	Field Survey	Second part of Biodiversity potential survey
February	Campaign	Conservation Campaign, Sibolangit Eco-Area
March	WSM Planning	WSM Field Day and Planning meetings post Field School, TAHURA and Lau Petani
March	Land rehabilitation/tree planting	Initiation of land rehabilitation and community tree planting activities, TAHURA and Lau Petani
March	Water Campaign	Water Testing Day with SWS in schools and communities in all site.
March	Village Forum	Initiation of work on 'Peraturan Desa' on key issues including Humus Piracy and water management
March	Study	Study of Public Tap usage and value in Medan with Tirtanadi

**DKI JAKARTA:**

<b>Dates</b>	<b>Type</b>	<b>Description</b>
January-March 2007	Campaign	MMC 2 “Why Community Based Sanitation System?”
January-March 2007	Workshop	HP3/IDRC Community mobilization workshops
January-March 2007	Other	HP3/IDRC Transect Walk in Kelurahan Penjarangan
January 2007	Workshop	Puskesmas Water and Sanitation Facility Assessment
January 2007	Other	Mini-baseline data collection in Petojo Utara and Jembatan Besi
January 2007	Workshop	Media discussion on Combating Diarrhea through Improved Access to Water and Sanitation for All
January 2007	Workshop	HP3/IDRC Outcome Mapping workshops
February 2007	Training	School Committee Training

**WEST JAVA**

<b>Dates</b>	<b>Type</b>	<b>Description</b>
Jan - Feb, 2007	Campaign	Implementation of hand washing with soap in Tamansari
Feb, 2007	Campaign	Implementation of hand washing to elementary student and kindergarten in Tamansari Bandung
Feb, 2007	Workshop	To introduce the important of hand washing with soap to community leaders in Wangunharja Kab. Bandung
March, 2007	Campaign	Implement hand washing with soap to community and school in Wangunharja village Kab. Bandung
Mid - Jan, 2007	Workshop	Field School socialization in Kec. Lembang for district level
Mid Jan - March, 2007	Field School	Sustainable livelihood assesment by community
End of March	Field Day	To show the result of field school to multistakeholder
Feb, 2007	Workshop	Multistakeholder identification result for watershed management action plan
Jan - Feb, 2007	PO	Review design of septick tank communal by BEST for PDAM Kota Bandung for location at Hegarmanah
Jan, 2007	Workshop	To introduce the important of hand washing with soap to stakeholders in Cijambe Kab. Subang
Feb - March, 2007	Campaign	Implementation of hand washing with soap in Cijambe Subang
Feb - March, 2007	Campaign	Implementation of hand washing to elementary student in Cijambe Subang
Mid - Jan, 2007	Workshop	Field School socialization in Kec. Lembang for district level
Mid jan - April, 2007	Field School	Sustainable livelihood assesment by community
Feb, 2007	Implementation	Field implementation for 6.300 threes planting by community groups level at location 15 Ha
Feb, 2007	PO	Review design of septick tank communal by BEST for PDAM Kab Subang for location at Gunung Tua Village
Jan, 2007	Workshop	To introduce the important of hand washing with soap to stakeholders in Cijambe Kab. Subang
Feb - March, 2007	Campaign	Implementation of hand washing with soap in Cijambe Subang
Feb - March, 2007	Campaign	Implementation of hand washing to elementary student in Cijambe Subang
Jan - Feb, 2007	Implementation	Implementation field school for 30.000 threes planting by community groups at location 100 Ha, Sindangjaya, Cimacan, Sukanagalih, Sukatani and Cipendawa village
Mid Jan-March, 2007	Implementation	Implementation RHLP for 7.500 threes planting by community groups at location 25 Ha
Feb, 2007	Training	Training to leader of communy groups Dusun Kaliastana and Tanjakan for making, instalating and operating Hydram Pump
End Jan, 2007	Training	Training to leader of communy groups Dusun Sukanagalih and Cibadak for making, instalating and operating Hydram Pump
Jan, 2007	Workshop	To introduce the important of hand washing with soap to stakeholders and community leaders in Pasirpeundeuy Kab. Bandung
Feb - March, 2007	Campaign	Implementation of hand washing with soap in Pasirpeundeuy Kab. Bandung

March, 2007	Training	on the water
Jan, 2007	Sociliazation	Socilazation of PDAM Cianjur plan about reclassification of customer
Feb, 2007	Survey	Suvey of customer PDAM Kab. Cianjur to input of reclassification customer
Jan-March, 2007	Survey	Sweeping survey of Household PDAM Kota Bogor implemented

**CENTRAL JAVA:**

<b>Dates</b>	<b>Type</b>	<b>Description</b>
January	Workshop and Focus Group Discussion	Develop Watershed Management Plan and strengthen the watershed management forum in the Tangsi subwatershed
	Community Action	Conduct initial action in 9 villages in Kajoran district (Tangsi subwatershed) and connect 50 households to the community-based water supply
	Field School	Conduct initial action in 15 villages in Tangsi subwatershed using Conservation Village or Clean Green Village approach
	Community Action	Tree planting to rehabilitate land and forest in the Potorono Hills, Tangsi subwatershed
	Field School	Applying community-based solid waste methods in Kota Yogyakarta (2 locations) and Kabupaten Sleman (1 location)
	Training	Applying school-based methods for Clean Green Schools in two elementary schools in Jogonalan, Klaten (with DBE and SWS)
	Focus Group Discussion	Conservation campaign and community action to manage forest and conservation areas in Potorono Hills
	Training, survey	Conduct training and survey on non-revenue water losses in Kecamatan Wirobrajan, Yogyakarta
	Training	Training on financial projections to update PDAM Yogyakarta's 2006-2010 Corporate Plan
	Workshop and Focus Group Discussion	Multi-stakeholder mapping for development of local policy 8 villages in Potorono Hills
	10 minutes monitoring/mini baseline	First data taking for rainy season in 7 villages in Tangsi.
February	Workshop and Focus Group Discussion	Multi stakeholder workshop on socialization and legalization of Tangsi Watershed Management Plan
	Training, survey	Conduct training and survey on non-revenue water losses in Kecamatan Jebres, Surakarta
	Workshop	Evaluation workshop on initial action of community-based solid waste management
	Focus Group Discussion	FGD for development of local policy in 8 villages in Potorono Hills
March	Focus Group Discussion, training	Participatory planning process for community-based solid waste management in Ngampilan and Gamping, and introduce decomposter system in Gondolayu, Ngampilan, and Gamping (Yogyakarta)
	Multi Media Campaign	Regular campaign using media relation approach to raise issues related to water and health. MMC 7 on "Why Community based sanitation system", a sub theme topic under "Water Quality and Health" MMC campaign theme.
	Regular meetings, FGD, survey	Assist PDAM Kabupaten Magelang to optimize the IKK system through NRW reduction Survey IKK system, data analysis and recommendations for PDAM Kab. Magelang (IKK Kajoran, Tempuran systems)

Site Selection	Collect data, prepare maps, and conduct site selection process for villages in Blongkeng subwatershed
Community Network Meeting	Planning meetings for village networks and organize community plans for 15 Villages in Tangsi
Focus Group Discussion	Develop WSM Plans for Tangsi
Regular meetings, cross visit	Participatory planning process and cross visit for new community-based solid waste management system in Tangsi subwatershed
Workshop	Multi-stakeholder workshop on WSM plan development
Workshop and Focus Group Discussion	Development and drafting of local policy in 8 villages in Potorono Hills
Photo exhibition	Collaboration between ESP, NGOs and Indonesian Photojournalists Association
Community Activities	Implement initial action in Tangsi subwatershed, such as community-based land rehabilitation and conservation in Potorono and Menoreh hills through palm species planting

**EAST JAVA:**

<b>Dates</b>	<b>Type</b>	<b>Description</b>
January	FGD, field observation	Assessment, data collection and strategy development for HH issues in Wonokromo
January 20	FS	Field School and community needs assessment of 25 community representatives in 4 conservation, 4 rural, and 4 urban villages
January 24	Training	Training on Community Based (CB) Solid Waste Management (SWM) for Curung Rejo (Kab. Malang), Arjowinangun (Kota Malang), and Temas
January 22-27	FGD, field ground checks	Develop Habitat Mapping to support management action plan (MAP) in 4 villages in Tahura R Soerjo
January 23/24 (Sby); 30/31 (Mlg)	FGD	Mini baseline–data collection in Surabaya and Malang
January 30	Presentation	Presentation on sanitation mapping of Kec. Kepanjen, Kab. Malang
January 31	Workshop	Develop an agreed framework for the OBA and GEF initiatives
Jan-Feb	Design (PO)	Design and budget development for CB Sanitation (CBS) in Temas
Jan-Mar	PRA	Conduct PRA to develop mechanism to attract and manage government budgets for Tahura R. Soerjo financing
Jan-Mar	Training/ survey (PO)	Census program to identify the poor in Surabaya for the OBA/micro-credit; similar program in PDAM Kota Malang for NRW reduction
Jan-Mar	Construction (PO)	Development of 1 CBS at Dusun Boro Utara, RW II, Kel. Curung Rejo, partnering with Pemkab. Malang and BORDA/BEST
Jan-Mar	FGD, survey/ design (PO)	Site selection and community preparation for 2 CBS in Surabaya and 1 unit in Kab. Malang, incl. detailed design and cost estimate partnering with Pemkot. Surabaya, Pemkab. Malang, and BORDA/BEST
Jan-Mar	FGD, training	Support programs implementation in Paciran (small grant)
Jan-Mar	Campaign	MMC; theme: “Why Community Based Sanitation System?”
Jan-Mar	Campaign, media gathering	Develop communication support to promote the micro-credit scheme for PDAM’s water connection
February	FGD, field observation	Assessment in Curung Rejo, Kab. Malang for hygiene improvement through improved sanitation facility and better practices at household
February	FGD, campaign	Continue HH campaign in Wonokromo
February	FGD, field observation	Assessment of HH issues in Kota Batu incl. data collection and strategy development through participatory approach
February 12	ToT	ToT to develop MAP for 12 LMDH Kota Batu with PHBM scheme
February 15	Workshop	Private Sector workshop in cooperation with Bisnis Indonesia
February 20	Workshop	Develop MAP for Sumber Brantas Watershed focusing on integration of upstream and downstream issues
Feb-Mar	Workshops, training	Provide technical assistance for 16 CB water supply

		systems in Kab. Malang
Feb-Mar	Workshops, training	Provide technical assistance on CB SWM in Kota and Kab. Malang, and Kota Batu
March	Campaign	HH campaign in Kota Batu involving cadres, community members, and other partners
March 12	Workshop	Training on GIS for PDAM Kota and Kab. Malang and other partners
March 14	Workshop	Support the development of Brantas Watershed Management Plan integrating multi-stakeholders' inputs
March 16	Workshop	Village workshops for Management Action Plan development in selected villages in Kota Batu

## Appendix B: Reports and Publications

### Environmental Services Program

Series #	Date	Title	Author	Status
<b>Annual Report</b>				
R-0173	09/30/2006	Annual Progress Report No. 2 October 2005 through September 2006	IESP Staff Members	Final/Available for Distribution
<b>Annual Work Plan</b>				
R-0031	10/31/2005	Nanggroe Aceh Darussalam Work Plan	ESP Indonesia	Final/Available for Distribution
R-0172	09/30/2006	2007 Annual Work Plan		Final/Available for Distribution
<b>Case Studies/ Best Practices</b>				
R-0069	12/30/2005	Kajian Penghidupan Partisipatif: Studi Kasus Sebuah Proses	Tim FIELD Indonesia	Final/Available for Distribution
<b>Consultant Report</b>				
R-0032	11/15/2005	GIS Training Report and Assessment	Fly, Jennifer	Final/Available for Distribution
R-0042	01/04/2006	PDAM Kota Bogor: Analysis of Financial Condition and Preliminary Financial Analysis of Feasibility of Investment Proposal	Edward David Woodward	Final/Available for Distribution
R-0116		Indonesia Water Revolving Fund - Assessment of Feasibility	Andre Oosterman	Final/Available for Distribution
R-0117	06/21/2006	Integrated Spatial Planning - Training Report and Recommendations	Bouvier, Ioana	Final/Available for Distribution
<b>Manuals/Guidelines</b>				
R-0124	03/31/2006	Pedoman Pelatihan Sensus Air Minum		Final/Available for Distribution
<b>Quarterly Report</b>				
R-0153	10/13/2006	ESP Quarterly Report No. 6 July – September 2006	IESP Staff	Final/Available for Distribution
<b>Surveys</b>				
R-0044	07/29/2005	Pemilihan Lokasi dan Stakeholders di Subang - Jawa Barat	WSM Subang Team	Final/Available for Distribution
<b>Technical Reports</b>				
R-0015	09/30/2005	Post Tsunami Water Resource Scoping Study in Banda Aceh	Brown, Phillip	Final/Available for Distribution
R-0045	12/15/2005	Detailed Engineering Design of Puskesmas WATSAN Facilities Phase I (4 units of Puskesmas)	Ridwan Habibie	Final/Available for Distribution

Series #	Date	Title	Author	Status
R-0086	02/28/2006	Report of Investment Estimate, East Bogor Water Supply System Development (PDAM Tirta Kahuripan Kabupaten Bogor)	Sulaksana, Sonny	Final/Available for Distribution
R-0087	02/28/2006	Penyiapan Masyarakat untuk Sanitasi Berbasis Masyarakat	Hehanusa, Selviana	Final/Available for Distribution
R-0088	07/29/2005	Watershed Management Planning in ESP	Gerard, Jan	Final/Available for Distribution
R-0108	05/24/2006	Merapi WATSAN rapid assessment	Hartono, Oni ,Budiman, Jefry ,Arianto, Eri	Final/Available for Distribution
R-0113	12/15/2005	Tender Document of Construction of Puskesmas WATSAN Facilities Phase I (4 units of Puskesmas)		Final/Available for Distribution
R-0119	04/30/2006	ESP Agroforestry TOT Curriculum Preparation	Foley, Sean	Final/Available for Distribution
R-0125	08/25/2006	Rencana Aksi Pengelolaan Sub DAS Cikundul- Cilaku	Forum Pelestari Sub DAS Cikundul - Cilaku, Cianjur, Jawa Barat	Final/Available for Distribution
R-0131	01/31/2006	Kemitraan Pengguna Air untuk Konservasi TNGP	Idham Arsyad	Final/Available for Distribution
<b>Training/Workshop Proceedings</b>				
R-0082	02/28/2006	Training Implementation Report on Water Supply Census for Manado Municipality, North Sulawesi Province	Laksmi Cayhaniwati, Hernadi Setiono	Final/Available for Distribution
R-0120	03/31/2006	Prosiding Lokakarya Perencanaan Strategis Multi Pihak Pengelolaan DAS dan Lingkungan Hidup Kabupaten Subang	Arsyad, Idham,Komite DAS Subang	Final/Available for Distribution

### Appendix C: Training, Workshop and Seminar Activities of First Quarter of Third Year (Period of October - December 2006)

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>2,256</b>	<b>19.99%</b>	<b>\$24,401.08</b>
Training Course	Training of Pipe and Accesories Material for Water Supply Program	Desa Sawang, Dusun Blang Lambaro, Desa Jantho Baru, Desa Jruek Balee, Desa Suka Damai	9/17/2006	11/30/2006	74	125	1.60%	Rp4,036,500
	Training Media Relation for Community and NGO Grantee	Berastagi, Tanah Karo	10/9/2006	10/10/2006	2	10	20.00%	Rp3,240,100
	Training of Transmission and Distribution Network System Analysis For Kabanjahe Unit PDAM Tirta Malem Kab Karo	Unit Kabanjahe PDAM Tirta Malem Kab Karo	10/10/2006	10/12/2006	2	10	20.00%	Rp3,240,100
	Pilot training for Posyandu Cadres on the Implementation of Ten Minute Monitoring	Sukomakmur Village, Kajoran Sub-district of Magelang District	10/12/2006	10/13/2006	2	16	86.70%	Rp805,000
	Training of Transmission and Distribution Network System Analysis For Unit Stabat PDAM Tirta Wampu Kabupaten Langkat	Unit Stabat PDAM Tirta Wampu Kab Langkat	10/17/2006	10/19/2006	18	7	0.00%	Rp1,212,000

	Praktek Lapangan Pengembangan Pembibitan Multi Purpose Tree Spesies (MPTS) untuk Rehabilitasi Hutan di wengkon LMDH Desa Gunungsari, Punten dan Tulungrejo, Kota batu (contunued Program)	Tulungrejo Village, Bumiaji Sub-district, Batu Municipality	11/6/2006	12/30/2006	60	25	0.00%	Rp35,000,000
	Training of Transmission and Distribution Network System Analysis For Kabanjahe Unit PDAM Tirta Malem Kab Karo	Unit Kabanjahe PDAM Tirta Malem Kab Karo	11/7/2006	11/9/2006	18	10	10.00%	Rp2,592,200
	Internal Training on Micro Credit Procedures in Kota Malang	Kantor PDAM Kota Malang	11/14/2006	11/14/2006	1	30	26.70%	Rp2,000,000
Training Course (cont')	Water Quality Training, DelAgua	Banda Aceh and Aceh Besar	11/15/2006	11/16/2006	2	9	44.40%	Rp921,500
	Training on Community mapping in Tongkoh, Berastagi	Barus Jahe	11/15/2006	11/16/2006	2	17	5.90%	Rp1,827,000
	NAD/Training on community facilitator for coastal rehabilitation	Desa Meunasah Mesjid	11/16/2006	11/23/2006	8	28	0.00%	Rp1,320,000
	NAD/Training on community facilitator for coastal rehabilitation	Desa Meunasah Mesjid	11/16/2006	11/23/2006	8	28	0.00%	Rp1,320,000
	Internal Training on Micro Credit Procedures in Sidoarjo	Kantor PDAM Kabupaten Sidoarjo	11/16/2006	11/16/2006	1	23	13.00%	Rp1,500,000
	Training on PDAM Budgeting for PDAM staffs of Aceh Barat	ESP Office Meulaboh	11/20/2006	11/25/2006	5	8	12.50%	Rp4,433,600
	Training for Posyandu cadre on MIni Baseline/Ten Minute Monitoring	ESP Regional Office in North Sumatra, West Java, East Java and DKI Jakarta	11/20/2006	12/15/2006	3	86	95.30%	Rp8,318,200
	Training of Transmission and Distribution Network System Analysis For Unit Stabat PDAM Tirta Wampu Kabupaten Langkat	Unit Stabat PDAM Tirta Wampu Kab Langkat	11/21/2006	11/23/2006	18	16	6.30%	Rp2,680,500
	Internal Training on Micro Credit Procedures in Surabaya	Kantor PDAM Surabaya	11/30/2006	11/30/2006	1	60	25.00%	Rp2,000,000
	On The Job Training MPA for	Gapang, Kotamadya	12/3/2006	12/9/2006	6	27	40.70%	Rp0

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	American Red Cross Facilitator	Sabang						
	Follow up TAMIS Training for ESP Jakarta Team	ESP Large Conference Room in Jakarta Office	12/4/2006	12/12/2006	9	28	50.00%	Rp525,000
	Training on PDAM Budgeting for PDAM staffs of Banda Aceh and Aceh Besar	ESP Office Banda Aceh	12/4/2006	12/8/2006	5	16	25.00%	Rp8,985,000
Training Course (cont')	Training of Transmission and Distribution Network System Analysis For Kabanjahe Unit PDAM Tirta Malem Kab Karo	Unit Kabanjahe PDAM Tirta Malem Kab Karo	12/5/2006	12/7/2006	18	10	20.00%	Rp2,829,700
	Training of Transmission and Distribution Network System Analysis For Unit Stabat PDAM Tirta Wampu Kabupaten Langkat	Unit Stabat PDAM Tirta Wampu Kab Langkat	12/11/2006	12/13/2006	18	15	13.30%	Rp2,703,200
	Training on community mapping in Puangaja, Sibolangit	Puangaja, Sibolangit	12/12/2006	12/13/2006	2	34	50.00%	Rp1,282,000
	Refreshing Training on BCI for posyandu cadres	Tamansari	12/14/2006	12/14/2006	1	21	85.70%	Rp2,045,000
	Internal Training on Micro-credit Procedures in Kabupaten Bandung	Kantor PDAM Kabupaten Bandung	12/19/2006	12/19/2006	1	31	25.80%	Rp2,000,000
	Internal traning on Micro Credit Procedures in Kota Sukabumi	Kantor PDAM Kota Sukabumi	12/21/2006	12/21/2006	1	23	4.30%	Rp1,500,000
	NAD/ Traine Propagation Technique ( TOT) Farmers from DAS Kr. Aceh And DAS Sabee - Geupu	Jruek Balee, Jantho Baru, Blang Lambarao and Lageun	7/6/2006	11/30/2006	136	85	15.30%	Rp41,193,100
	TOT Leakage Reduction Water From PDAM Pipe in Aceh Besar		9/19/2006	10/6/2006	18	11	0.00%	Rp0
Training of Trainers	National - Training of Trainers conservation vilages facilitator from 20 national park model	Balibang Pertanian Ciawi dan Desa Kebun Peteuy - TNGP	10/1/2006	10/8/2006	8	56	14.30%	Rp25,000,000
	Workshop	NAD/Stakeholder Workshop I- Kampanye Bangga Melestarikan	Saree	9/30/2006	10/6/2006	7	18	22.20%

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	Alam							
	Workshop on Sustainable Sanitation	Oxfam's premises Meulaboh	11/2/2006	11/15/2006	1	85	20.00%	Rp0
Workshop (cont')	Seminar dan Diskusi Rencana Aksi Pelestarian Sungai Deli di Fakultas Pertanian USU Medan	Fakultas Pertanian USU Medan	11/9/2006	11/9/2006	1	83	42.20%	Rp1,989,250
	ESP WSM Field School Workshop	ESP Jakarta Office	11/9/2006	11/10/2006	2	19	15.80%	Rp4,500,000
	NAD/Lokakarya Koordinasi Program Rehabilitasi Pesisir di Lam Seunia	Lamseunia	11/9/2006	11/9/2006	1	25	0.00%	Rp499,000
	Saresehan 1 Hari tentang Sekolah Bersih dan Hijau di Klaten	Hotel Galuh, Prambanan, Klaten	11/14/2006	11/14/2006	1	22	22.70%	Rp643,900
	Lokakarya Community Organizers untuk CBSWM	ESP Yogya Office	11/22/2006	11/23/2006	2	12	50.00%	Rp4,575,250
	Workshop 1 Perdes Jruek Balee-Concensus for policy development	Jruek Balee	11/25/2006	12/25/2006	1		NA	Rp750,000
	Consigneering Meeting on draft PMK and SOP for MoF Regulation on Municipal Bond	Hotel Aston	11/27/2006	11/27/2006	1	33	36.40%	Rp14,600,000
	Sarasehan Penyusunan Rencana Aksi Para Aktor dan Pembentukan Team Monev untuk mendukung GIRAB di Kecamatan Bumiaji dan rehabilitasi hutan dan lahan kritis di Kota Batu	Bumiaji	11/29/2006	11/29/2006	1	151	11.85%	Rp11,401,050
	round-table discussions (LSM and Press of West Java) under MMC "Clean Water for Better Health	K3A secretariat, Indoensian Journalist Association meeting room, Kompas and Pikrian Rakyat offices	12/7/2006	12/7/2006	1	50	64.00%	Rp954,000

	Workshop of MCK with Waste Water Treatment	Gang Lampu I, Kelurahan Kampung Baru, Kecamatan Medan Maimun, Kota Medan	12/7/2006	12/7/2006	1	31	16.10%	Rp1,976,800	
	Workshop II Perdes Jruek Balee-Social Aspect	Jruek Balee	12/7/2006	12/7/2006	1		NA	Rp750,000	
	Workshop III Perdes Jruek Balee-Environment aspect	Jruek Balee	12/14/2006	12/14/2006	1	25	NA	Rp1,500,000	
Workshop (cont')	Dialog Publik Finalisasi : Revisi UU No. 5 tahun 1990 - biodiversity conservation act	Menara Peninsula Hotel - Jakarta	12/18/2006	12/19/2006	2	48	25.00%	Rp2,469,750	
	Sosialisasi program dan pembentukan Tim Monitoring	SDN 2 Somopuro, Jogonalan, Klaten	12/20/2006	12/20/2006	1	24	50.00%	Rp597,000	
	Danareksa Review on PDAM Kabupaten Bogor's Capital Investment Financing	PDAM Kabupaten Bogor	12/26/2006	12/26/2006	2	35	20.00%	Rp0	
	Study Tour	Studi Banding SDN 2 dan SDN 3 Somopuro-Klaten ke SDN Ungaran I Yogyakarta	SD Ungaran I - Yogyakarta	11/22/2006	11/23/2006	2	4	NA	Rp400,000
		FGD Kampanye bangga melestarikan alam	Saree and Jantho	10/7/2006	10/13/2006	7	39	33.30%	Rp0
Focus Group Discussion	Community Group Establishment in Sukadamai	Desa Sukadamai	11/4/2006	11/5/2006	2	20	NA	Rp425,000	
	Community Group Establishment in Sukamakmur	Dusun Sukamakmur	11/4/2006	11/5/2006	2	43	NA	Rp375,000	
	Community Group Establishment in Pulot	Pulot	11/6/2006	11/16/2006	11	15	0.00%	Rp0	
	Community Group Establishment in Meunasah Bak U	Meunasah Bak U	11/6/2006	11/16/2006	11	20	0.00%	Rp0	
	Community Group Establishment in Meunasah Masjid	Meunasah Masjid	11/6/2006	11/16/2006	11	24	16.70%	Rp0	
Focus Group Discussion	NAD/Meeting Koordinasi Program Rehabilitasi Pesisir di Lamseunia, Kec. Leupung Kab. Aceh Besar	Lamseunia	11/9/2006	11/9/2006	1	25	0.00%	Rp499,000	

(cont')	NAD/Establishment of Community Group in Nusa	Desa Nusa	11/13/2006	11/30/2006	18	15	66.70%	Rp0
	CBSWM Work Plan Preparation On Desa Cijambe Kabupaten Subang	Desa Cijambe kab. Subang	11/14/2006	11/15/2006	1	25	72.00%	Rp1,425,000
	NAD/Community Group Establishment in Deah Mamplam	Deah Mamplam	11/16/2006	11/24/2006	9	34	0.00%	Rp0
	Fasilitasi Pertemuan untuk Perluasan Rehabilitasi Pantai Sawang	Sawang	11/24/2006	12/24/2006	30	50	0.00%	Rp0
	Pembentukan Community Group di Desa Bueng	Desa Bueng	11/24/2006	11/29/2006	6	30	36.7%	Rp0
	Pembentukan Community Group di Krueng Lam Kareung	Krueng Lam Kareung	11/26/2006	11/29/2006	4	27	40.7%	Rp0
	National Level of Watershed Management Discussion	Manggala Wanabakti, Jakarta	12/1/2006	12/8/2006	1	30	23.30%	Rp2,040,000
	FGD for Reconstrction of comunal Sanitation in Lamkreut December, 1 to 31 2006		12/1/2006	12/31/2006	31	17	64.7%	Rp170,000
	Pembentukan Community Group di Desa Ulee U	Meunasah Desa Ulee U	12/1/2006	12/1/2006	1	25	48.00%	Rp500,000
	Pembentukan Community Group di Kp. Seulimum	Menasah Desa Kp. Seulimum	12/2/2006	12/2/2006	1	25	84.0%	Rp0
	Focus Group Discusion of Water Supply at Sukanagalih, Padaluyu and Sukatani Villages Kabupaten Cianjur	Sukanagalih, Padaluyu and Sukatani Villages	12/11/2006	12/29/2006	14	45	44.40%	Rp0
Focus Group Discussion (cont')	Community Group Establishment in Jantho Lama	Jantho Lama	12/11/2006	12/18/2006	8	27	NA	Rp574,000
	Community Group Establishment in Wue	Meunasah Desa Wue	12/11/2006	12/18/2006	8	36	NA	Rp375,000
	FGD Evaluasi Kemajuan Pekerjaan Community Based Water Supply Systems	Meunasah Dusun Blang Lambaro, Desa Saree Aceh	12/14/2006	12/14/2006	1	7	0.00%	Rp231,000

QUATERLY PROGRESS REPORT NO.7 OCTOBER – DECEMBER 2006

	FGD Perencanaan Pembangunan Sarana Air Bersih dan Sanitasi	Pondok Pesantren Darul Hikmah, Penagen Rayauk, Meureubo, Aceh Barat	12/22/2006	12/22/2006	1		NA	Rp0
	Sosialisasi Sekolah Lapangan (SL) di desa Lampuuk	Lampuuk, Lhoknga	11/24/2006	12/1/2006	2	37	27.00%	Rp300,000
Farmer Field School	Support community activity in improved NRM through compos development	Jruek Balee	10/1/2006	12/31/2006	90	80	NA	Rp0
	Support SRI Development in Kemukiman Jruek	Kemukiman Jruek	11/30/2006	11/30/2006	1	30	50.0%	Rp580,000



## **ENVIRONMENTAL SERVICES PROGRAM**

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